

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112320\
 Data File : VN064780.D
 Acq On : 23 Nov 2020 13:06
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 23 13:28:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:11:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	197024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	302095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	277702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142636	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	228534	70.59	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	141.18%#	
35) Dibromofluoromethane		7.55	113	180140	103.86	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	207.72%#	
50) Toluene-d8		10.06	98	764379	99.00	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	198.00%#	
62) 4-Bromofluorobenzene		12.38	95	281548	98.61	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	197.22%#	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	160722	68.948	ug/l	99
3) Chloromethane	2.04	50	207526	78.795	ug/l	99
4) Vinyl Chloride	2.16	62	220783	80.662	ug/l	99
5) Bromomethane	2.51	94	139215	70.896	ug/l	99
6) Chloroethane	2.66	64	138655	76.044	ug/l	97
7) Trichlorofluoromethane	2.98	101	308094	64.747	ug/l	99
8) Diethyl Ether	3.37	74	120098	76.345	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	187011	87.265	ug/l	98
10) Methyl Iodide	3.90	142	261177	101.120	ug/l	99
11) Tert butyl alcohol	4.75	59	182740	538.799	ug/l	99
12) 1,1-Dichloroethene	3.69	96	184569	88.962	ug/l	98
13) Acrolein	3.56	56	110259	1065.960	ug/l	99
14) Allyl chloride	4.27	41	313262	88.782	ug/l	99
15) Acrylonitrile	4.94	53	510164	518.423	ug/l	99
16) Acetone	3.78	43	374508	443.628	ug/l	99
17) Carbon Disulfide	4.00	76	493308	77.351	ug/l	99
18) Methyl Acetate	4.28	43	225686	87.508	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	636493	92.651	ug/l	99
20) Methylene Chloride	4.50	84	218095	86.948	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	203935	88.380	ug/l	99
22) Diisopropyl ether	5.91	45	645869	87.211	ug/l	98
23) Vinyl Acetate	5.85	43	2654648	445.291	ug/l	100
24) 1,1-Dichloroethane	5.80	63	375237	86.021	ug/l	99
25) 2-Butanone	6.79	43	634880	485.780	ug/l	97
26) 2,2-Dichloropropane	6.78	77	320089	78.548	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	237385	93.114	ug/l	99
28) Bromochloromethane	7.15	49	171134	78.346	ug/l	97
29) Tetrahydrofuran	7.17	42	432288	491.055	ug/l	99
30) Chloroform	7.33	83	380576	81.142	ug/l	100
31) Cyclohexane	7.61	56	305544	84.264	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	333548	78.170	ug/l	99
36) 1,1-Dichloropropene	7.75	75	287566	94.334	ug/l	99
37) Ethyl Acetate	6.89	43	274780	106.216	ug/l	98
38) Carbon Tetrachloride	7.73	117	299102	93.106	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	322245	115.477	ug/l	97
40) Benzene	8.00	78	867314	101.028	ug/l	98
41) Methacrylonitrile	7.13	41	141556	120.671	ug/l	85
42) 1,2-Dichloroethane	8.09	62	288066	80.837	ug/l	99
43) Isopropyl Acetate	8.13	43	456205	92.388	ug/l	100
44) Trichloroethene	8.80	130	248574	99.755	ug/l	98
45) 1,2-Dichloropropane	9.08	63	230274	101.032	ug/l	99
46) Dibromomethane	9.17	93	153550	96.119	ug/l	97
47) Bromodichloromethane	9.37	83	309021	92.420	ug/l	100
48) Methyl methacrylate	9.17	41	218607	94.149	ug/l	97
49) 1,4-Dioxane	9.17	88	80827	2574.767	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1383159	514.546	ug/l	100
52) Toluene	10.13	92	551884	104.720	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	349813	97.587	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	382330	102.218	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	217881	103.116	ug/l	98
56) Ethyl methacrylate	10.40	69	333951	113.231	ug/l	99
57) 1,3-Dichloropropane	10.68	76	367517	100.477	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	902030	554.826	ug/l	100
59) 2-Hexanone	10.72	43	1020803	525.903	ug/l	100
60) Dibromochloromethane	10.87	129	254258	103.748	ug/l	100
61) 1,2-Dibromoethane	10.98	107	229369	101.569	ug/l	100
64) Tetrachloroethene	10.60	164	256428	103.206	ug/l	99
65) Chlorobenzene	11.41	112	606062	103.364	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	228319	103.718	ug/l	100
67) Ethyl Benzene	11.48	91	1055958	102.684	ug/l	99
68) m/p-Xylenes	11.59	106	817732	220.026	ug/l	99
69) o-Xylene	11.92	106	388218	107.605	ug/l	99
70) Styrene	11.94	104	674918	110.482	ug/l	99
71) Bromoform	12.10	173	182851	118.330	ug/l #	100
73) Isopropylbenzene	12.22	105	1029593	102.158	ug/l	100
74) N-amyl acetate	12.05	43	416865	90.888	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	286897	101.334	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	425658	139.097	ug/l #	100
77) Bromobenzene	12.50	156	259899	101.435	ug/l	98
78) n-propylbenzene	12.57	91	1193186	102.019	ug/l	99
79) 2-Chlorotoluene	12.65	91	704504	94.668	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	886553	106.008	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	119543	107.983	ug/l	99
82) 4-Chlorotoluene	12.75	91	739764	93.645	ug/l	99
83) tert-Butylbenzene	12.97	119	737149	112.855	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	894239	105.025	ug/l	100
85) sec-Butylbenzene	13.14	105	984859	112.871	ug/l	100
86) p-Isopropyltoluene	13.26	119	920374	114.460	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	474106	102.024	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	476150	99.563	ug/l	99
89) n-Butylbenzene	13.59	91	797827	107.587	ug/l	99
90) Hexachloroethane	13.85	117	156375	116.650	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	462003	101.354	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	65946	90.463	ug/l	99

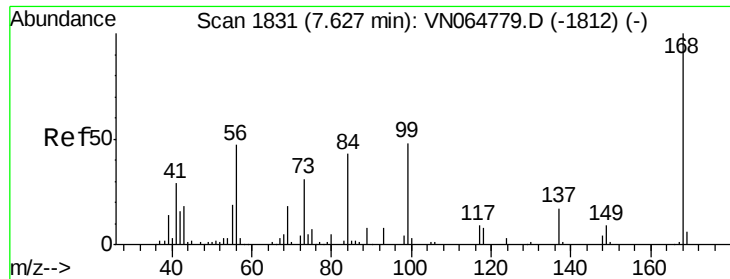
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	287265	112.649	ug/l	100
94) Hexachlorobutadiene	14.98	225	130936	101.478	ug/l	98
95) Naphthalene	15.10	128	892943	110.598	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	276676	112.817	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

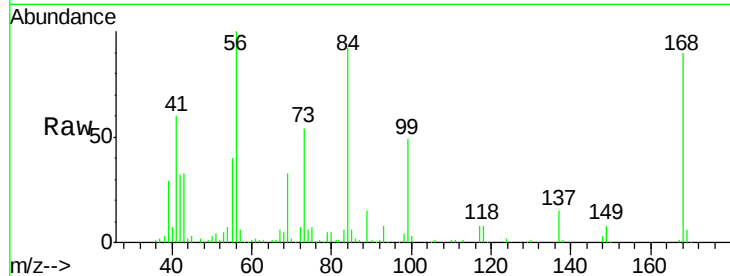
VSTDIC100

Tgt Ion:168 Resp: 197024

Ion Ratio Lower Upper

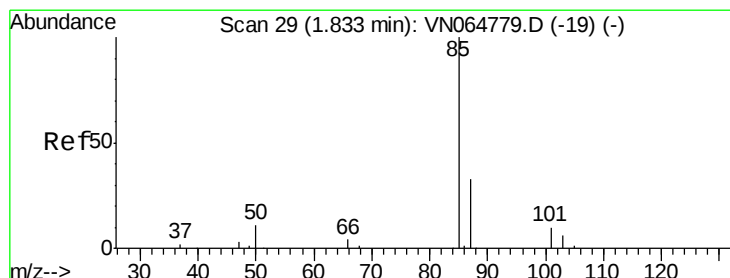
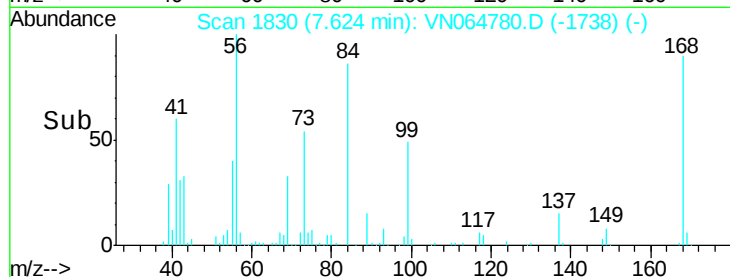
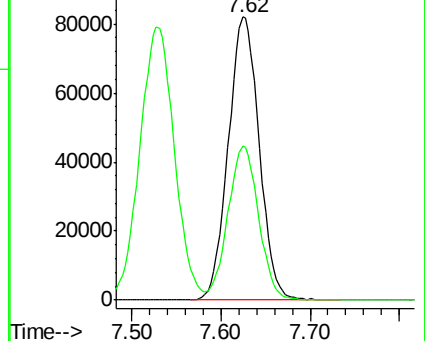
168 100

99 54.1 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 68.948 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064780.D

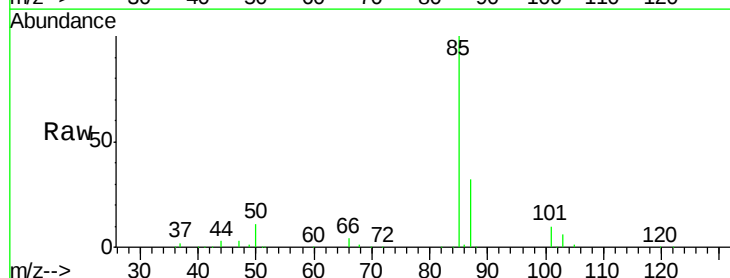
Acq: 23 Nov 2020 13:06

Tgt Ion: 85 Resp: 160722

Ion Ratio Lower Upper

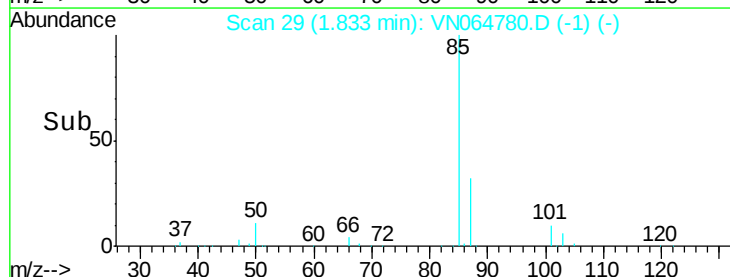
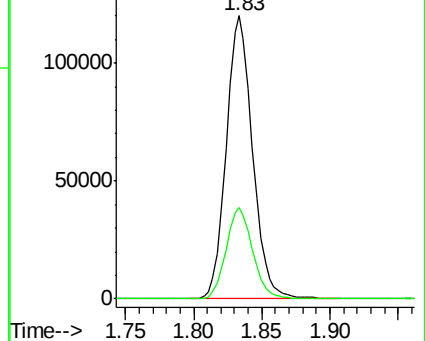
85 100

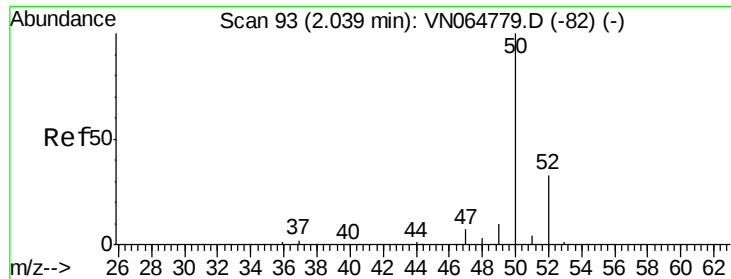
87 32.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 78.795 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

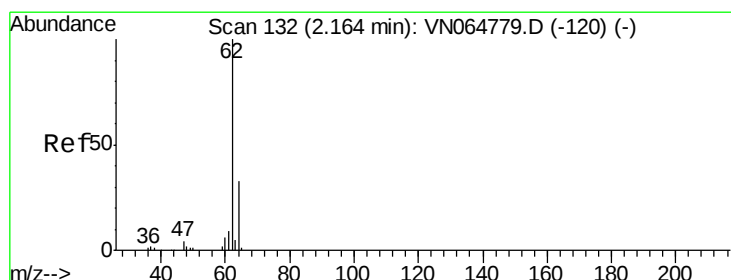
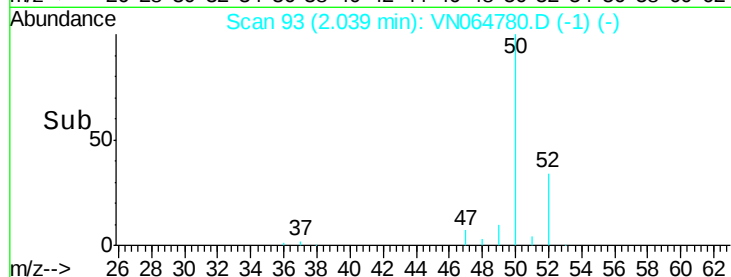
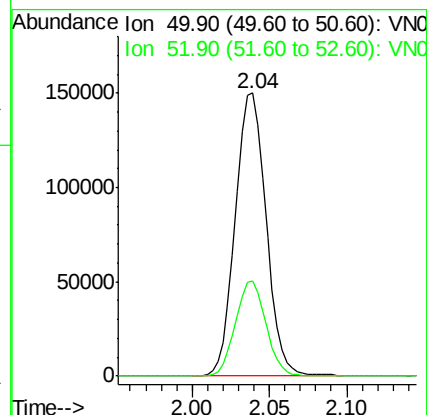
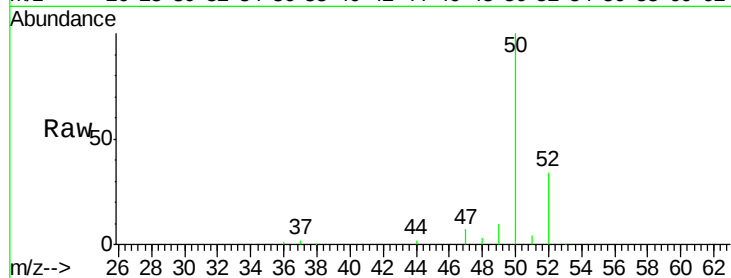
VSTDIC100

Tgt Ion: 50 Resp: 207526

Ion Ratio Lower Upper

50 100

52 33.7 26.6 39.8



#4

Vinyl Chloride

Concen: 80.662 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064780.D

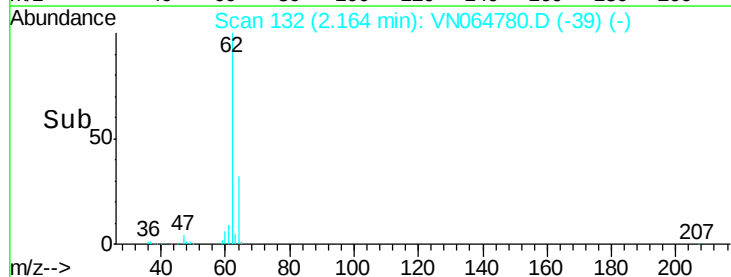
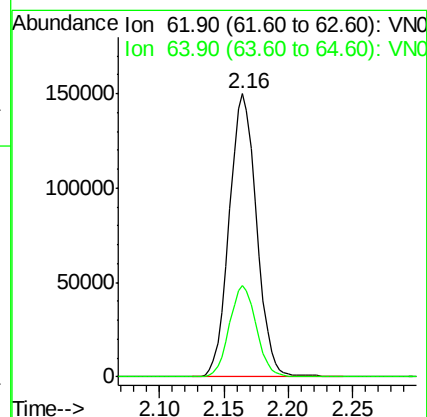
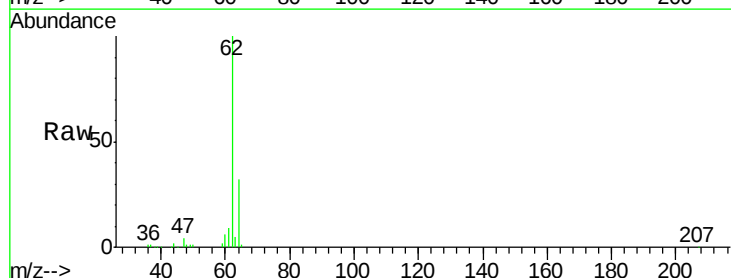
Acq: 23 Nov 2020 13:06

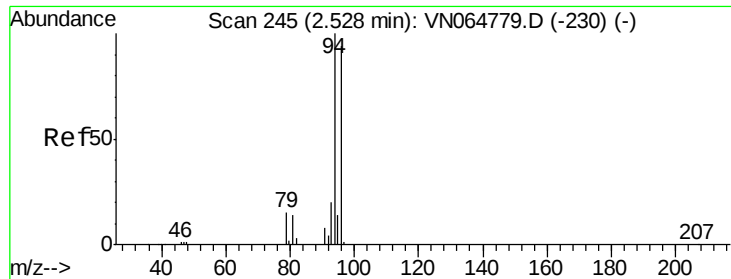
Tgt Ion: 62 Resp: 220783

Ion Ratio Lower Upper

62 100

64 32.3 26.5 39.7





#5

Bromomethane

Concen: 70.896 ug/l

RT: 2.51 min Scan# 241

Delta R.T. -0.01 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

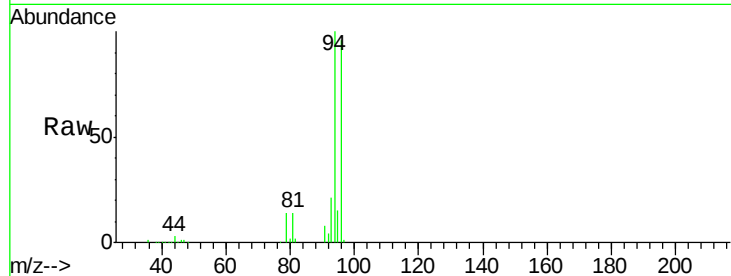
VSTDIC100

Tgt Ion: 94 Resp: 139215

Ion Ratio Lower Upper

94 100

96 95.5 75.4 113.0

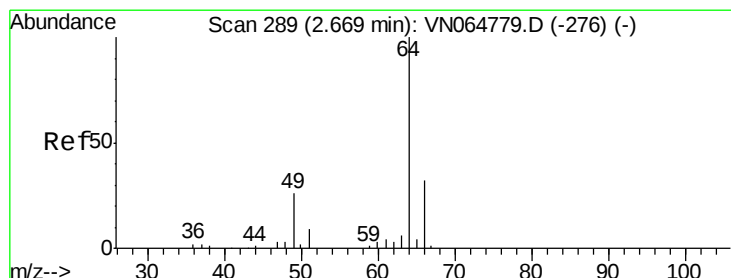
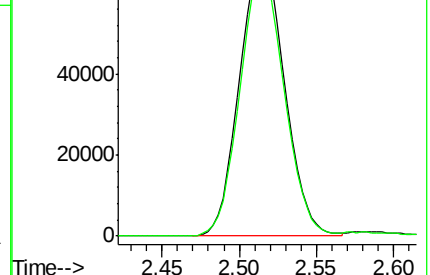
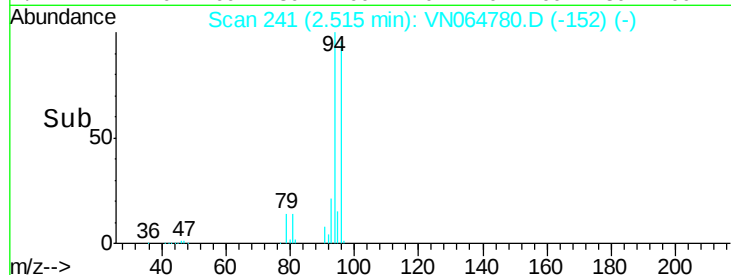


Abundance Ion 93.90 (93.60 to 94.60): VN064780.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN064780.D (-152) (-)

2.51

Time-->



#6

Chloroethane

Concen: 76.044 ug/l

RT: 2.66 min Scan# 287

Delta R.T. -0.01 min

Lab File: VN064780.D

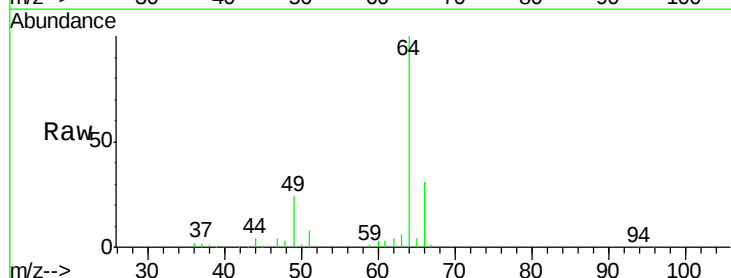
Acq: 23 Nov 2020 13:06

Tgt Ion: 64 Resp: 138655

Ion Ratio Lower Upper

64 100

66 30.6 25.6 38.4

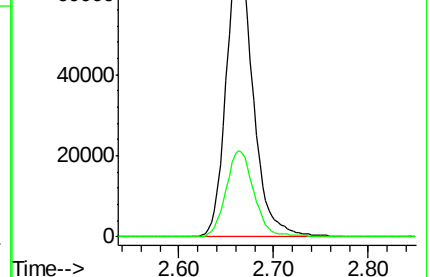
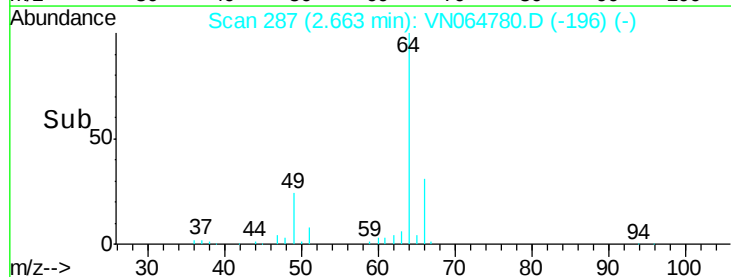


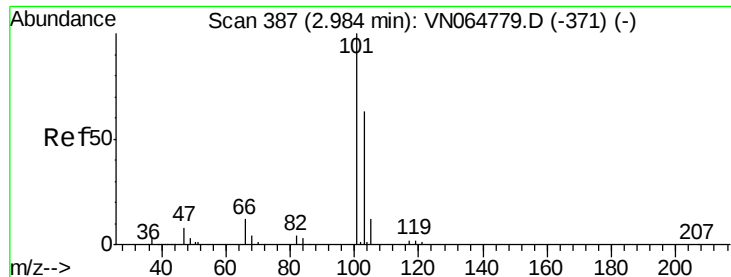
Abundance Ion 63.90 (63.60 to 64.60): VN064780.D (-196) (-)

Ion 65.90 (65.60 to 66.60): VN064780.D (-196) (-)

2.66

Time-->



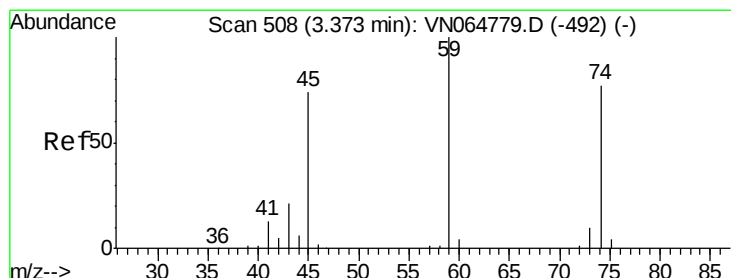
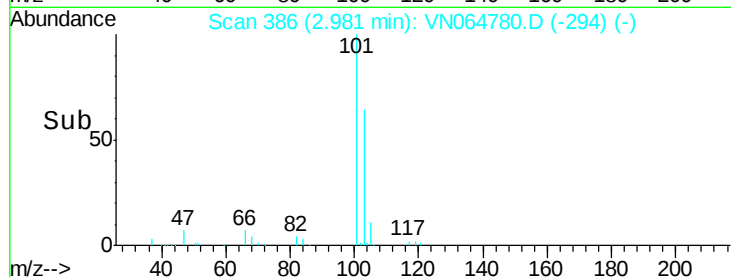
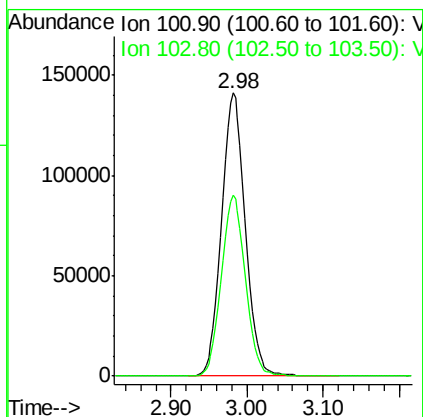
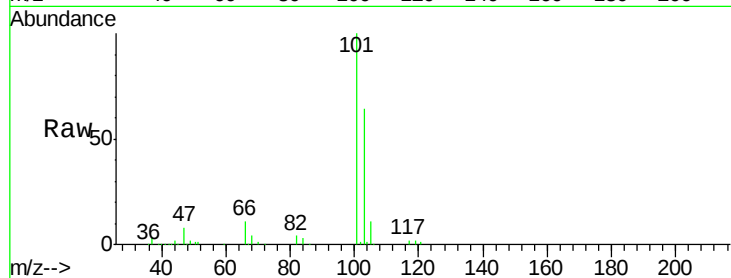


#7

Trichlorofluoromethane
Concen: 64.747 ug/l
RT: 2.98 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

Instrument :
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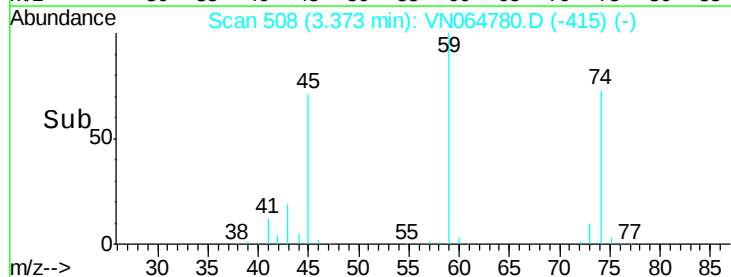
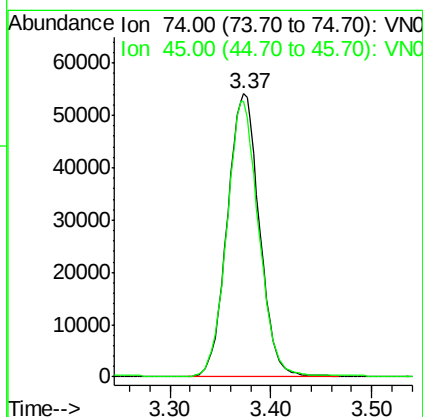
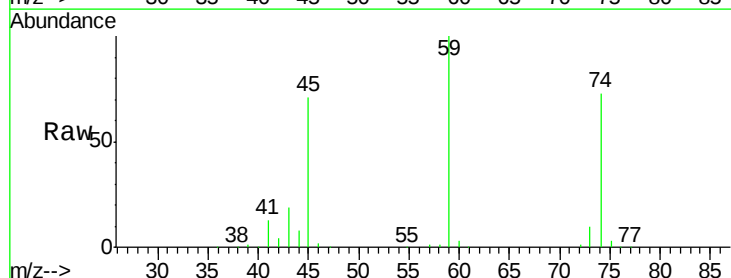
Tgt Ion:101 Resp: 308094
Ion Ratio Lower Upper
101 100
103 64.0 50.5 75.7

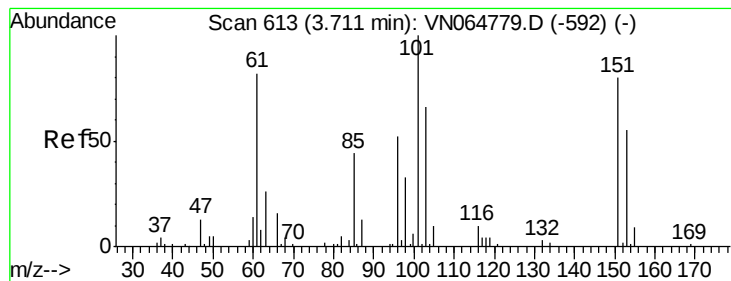


#8

Diethyl Ether
Concen: 76.345 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

Tgt Ion: 74 Resp: 120098
Ion Ratio Lower Upper
74 100
45 96.9 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 87.265 ug/l

RT: 3.71 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

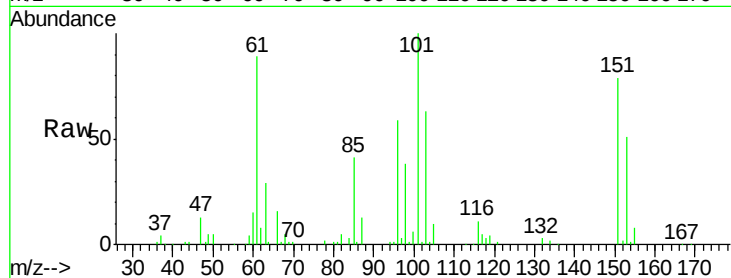
Tgt Ion:101 Resp: 187011

Ion Ratio Lower Upper

101 100

85 41.3 34.4 51.6

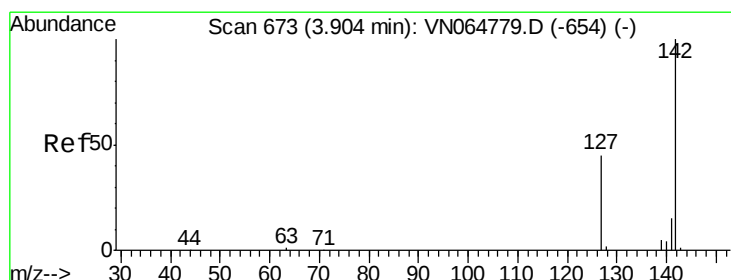
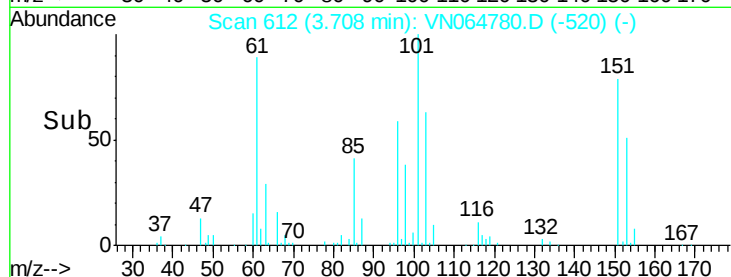
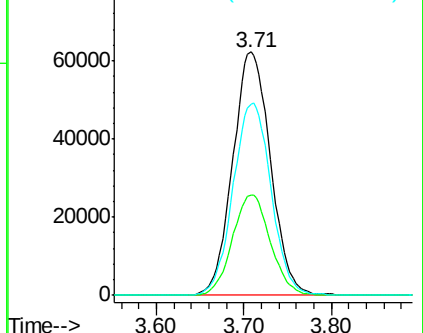
151 79.1 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 101.120 ug/l

RT: 3.90 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

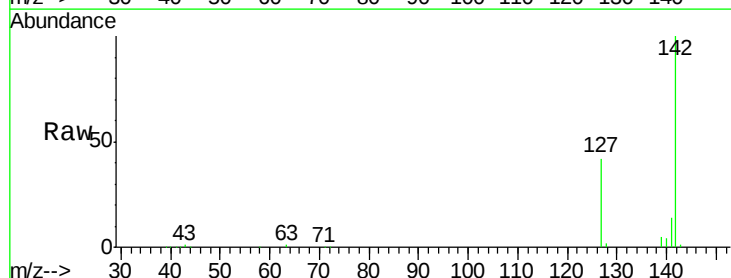
Tgt Ion:142 Resp: 261177

Ion Ratio Lower Upper

142 100

127 43.2 35.0 52.6

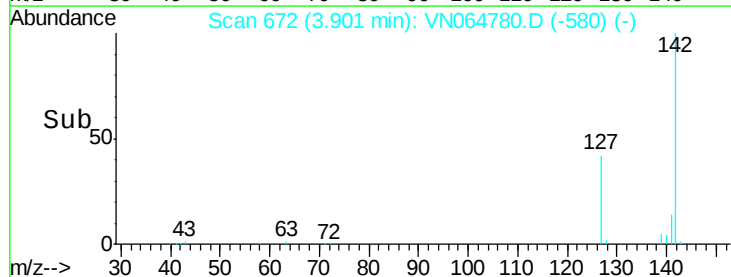
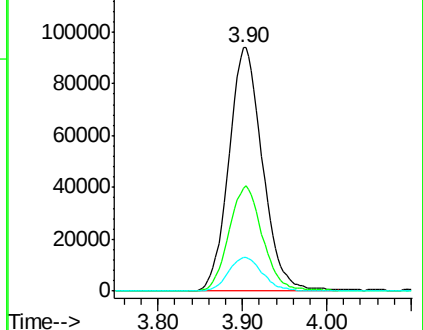
141 14.1 11.8 17.6

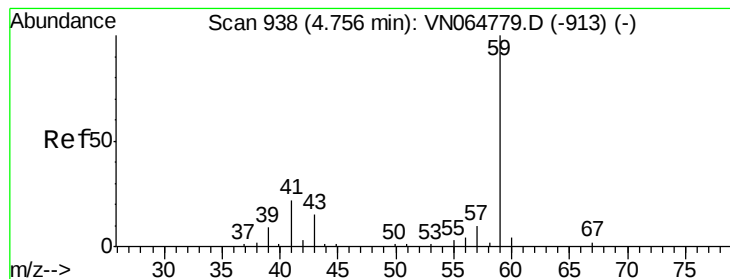


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



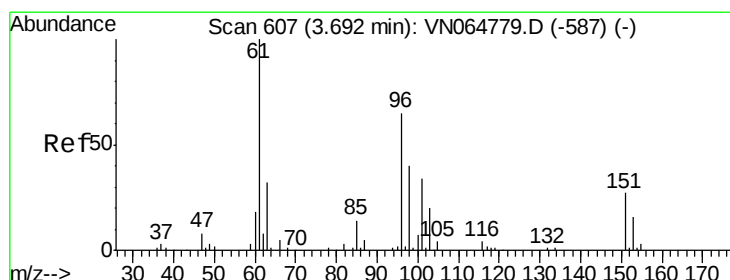
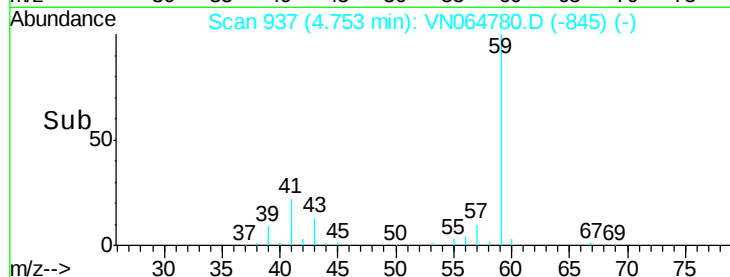
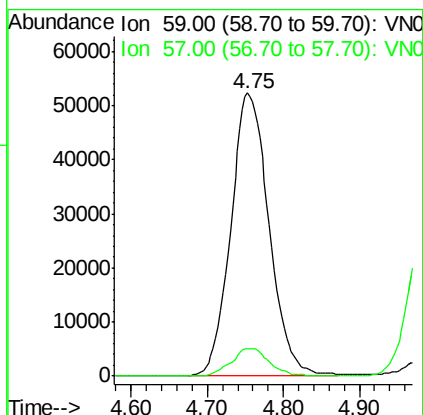
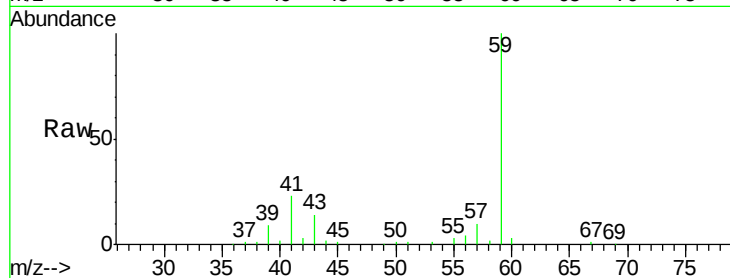


#11

Tert butyl alcohol
 Concen: 538.799 ug/l
 RT: 4.75 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

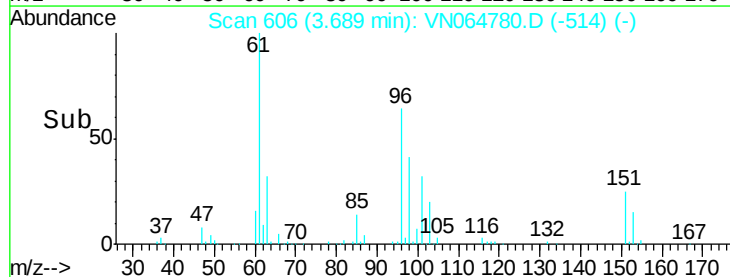
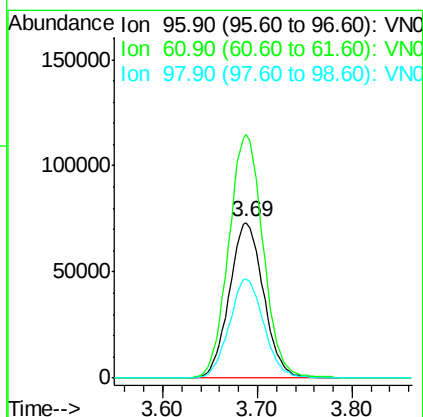
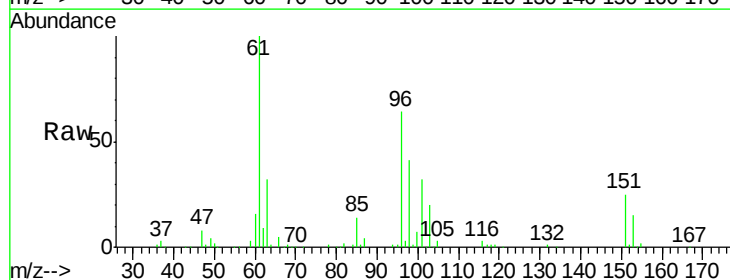
Tgt Ion: 59 Resp: 182740
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.9 11.9

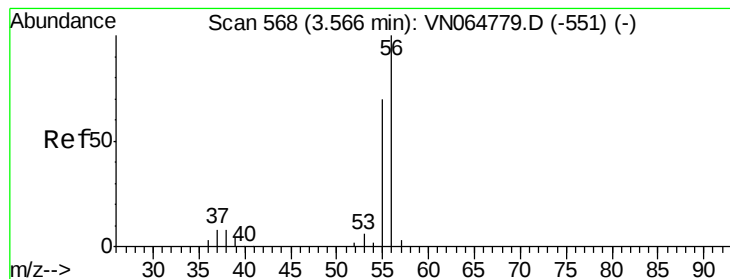


#12

1,1-Dichloroethene
 Concen: 88.962 ug/l
 RT: 3.69 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

Tgt Ion: 96 Resp: 184569
 Ion Ratio Lower Upper
 96 100
 61 156.5 123.4 185.2
 98 63.8 49.8 74.8





#13

Acrolein

Concen: 1065.960 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

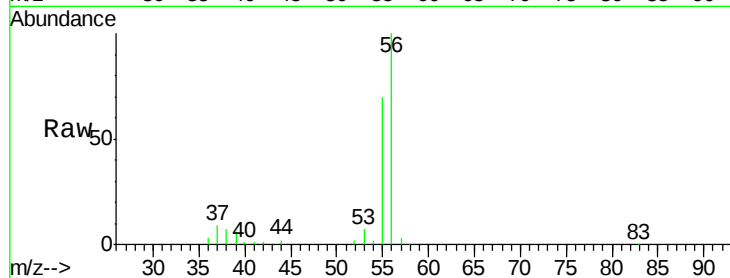
VSTDIC100

Tgt Ion: 56 Resp: 110259

Ion Ratio Lower Upper

56 100

55 70.2 56.5 84.7

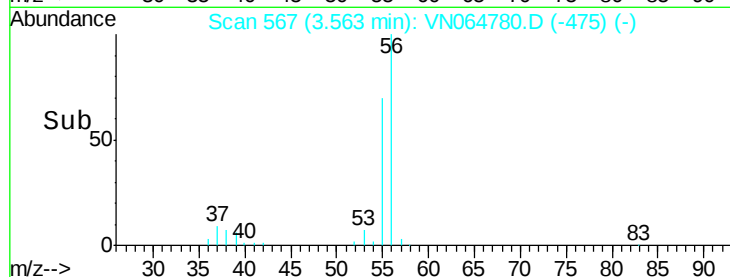


Abundance Ion 56.00 (55.70 to 56.70): VN064779.D (-551) (-)

Ion 55.00 (54.70 to 55.70): VN064779.D (-551) (-)

3.56

Time-->



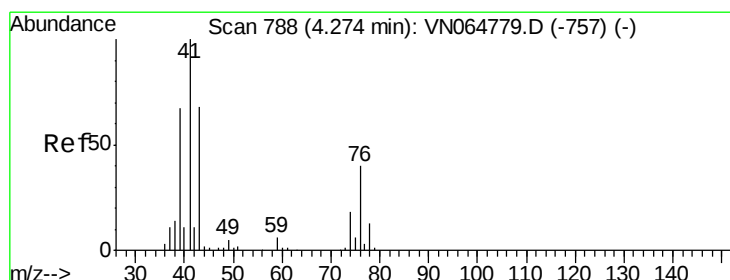
Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-757) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-757) (-)

Ion 75.90 (75.60 to 76.60): VN064779.D (-757) (-)

4.27

Time-->



#14

Allyl chloride

Concen: 88.782 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

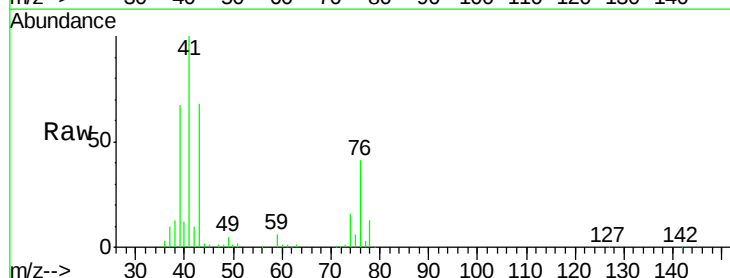
Tgt Ion: 41 Resp: 313262

Ion Ratio Lower Upper

41 100

39 62.7 50.9 76.3

76 36.0 29.0 43.4



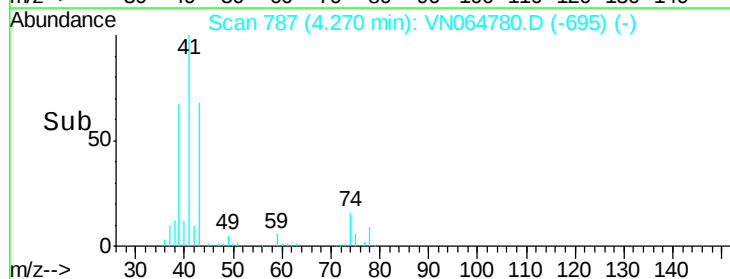
Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-757) (-)

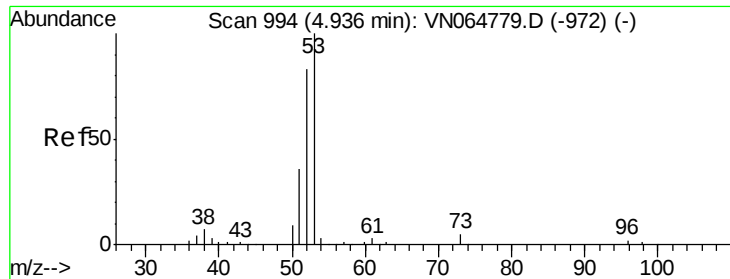
Ion 39.00 (38.70 to 39.70): VN064779.D (-757) (-)

Ion 75.90 (75.60 to 76.60): VN064779.D (-757) (-)

4.27

Time-->





#15

Acrylonitrile

Concen: 518.423 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

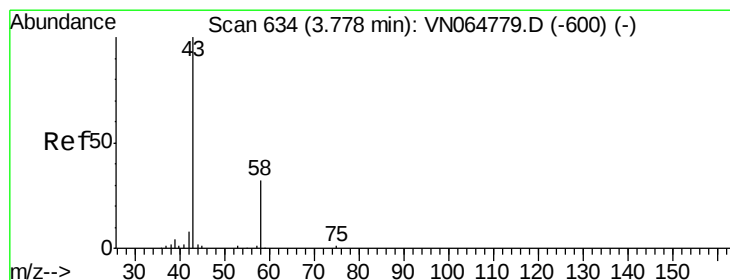
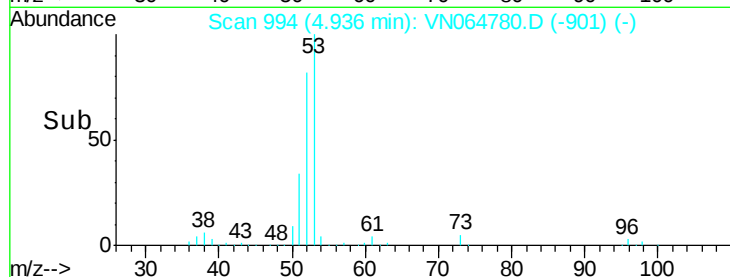
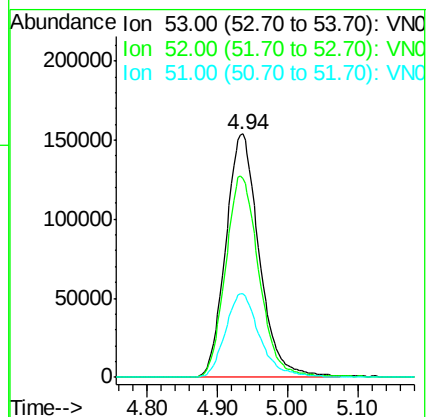
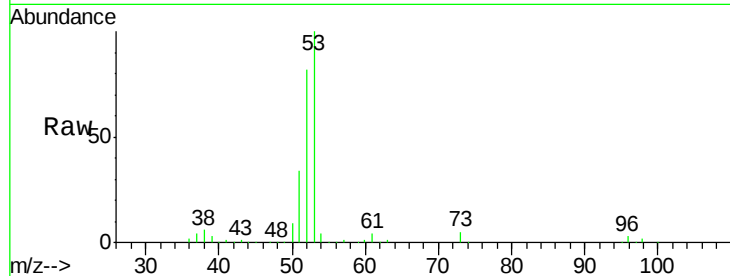
Tgt Ion: 53 Resp: 510164

Ion Ratio Lower Upper

53 100

52 82.7 65.5 98.3

51 35.5 28.6 43.0



#16

Acetone

Concen: 443.628 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064780.D

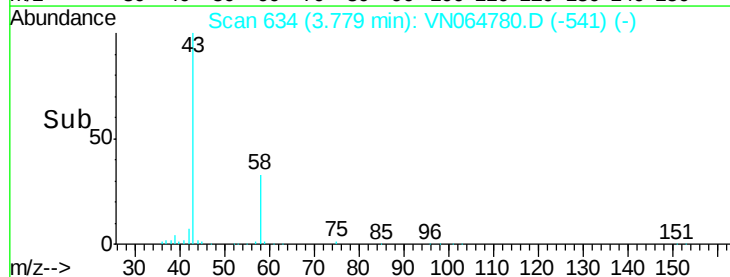
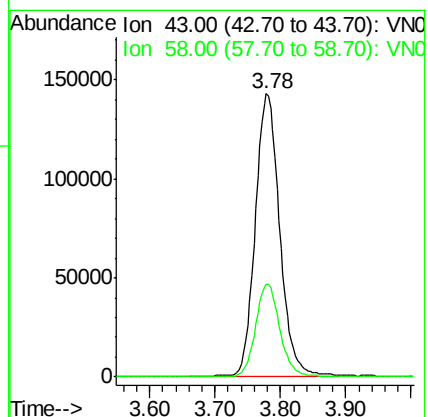
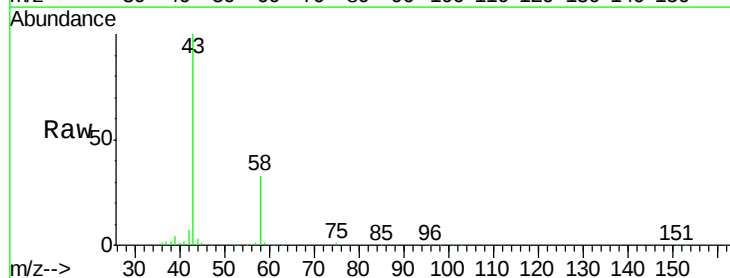
Acq: 23 Nov 2020 13:06

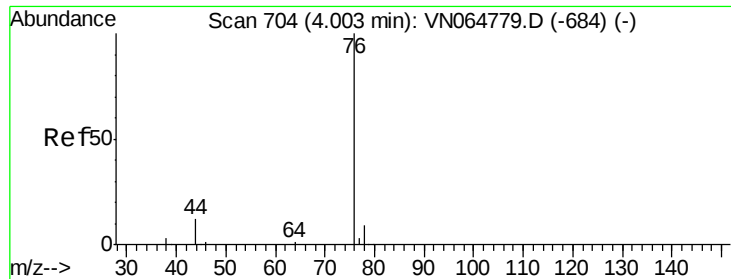
Tgt Ion: 43 Resp: 374508

Ion Ratio Lower Upper

43 100

58 32.6 25.7 38.5

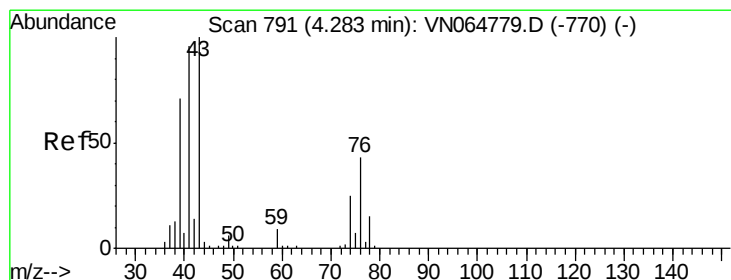
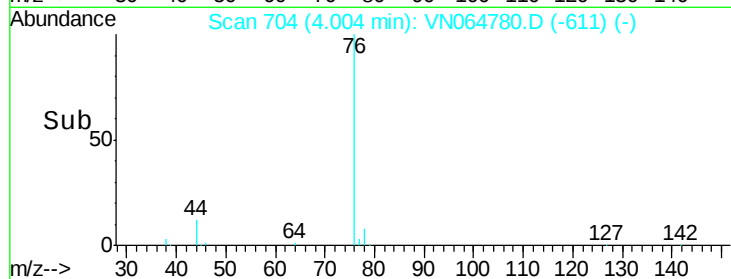
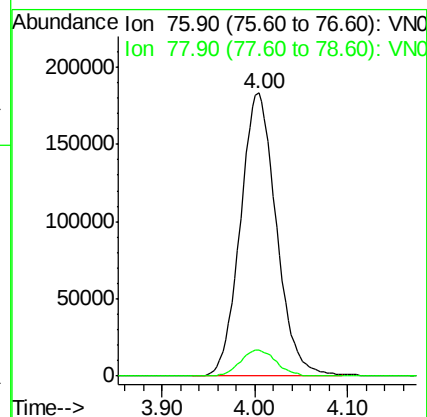
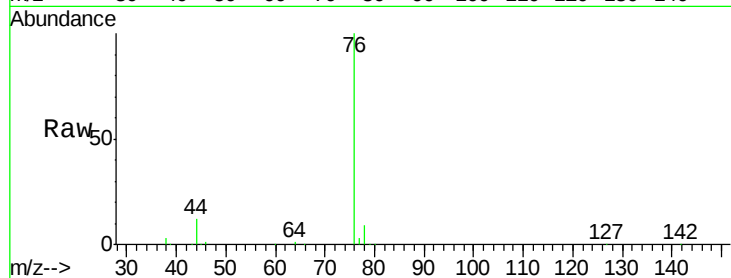




#17
Carbon Disulfide
Concen: 77.351 ug/l
RT: 4.00 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

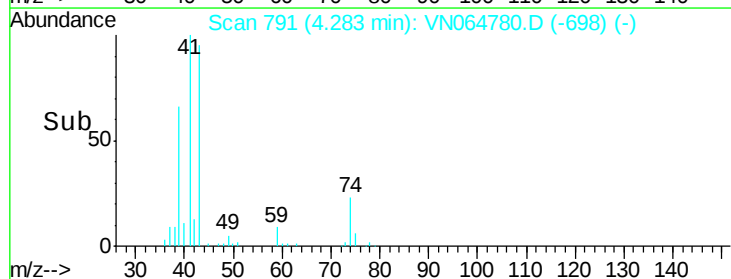
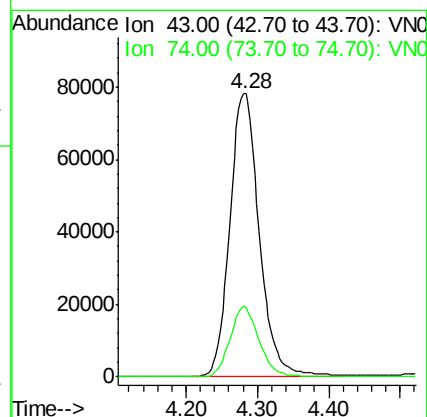
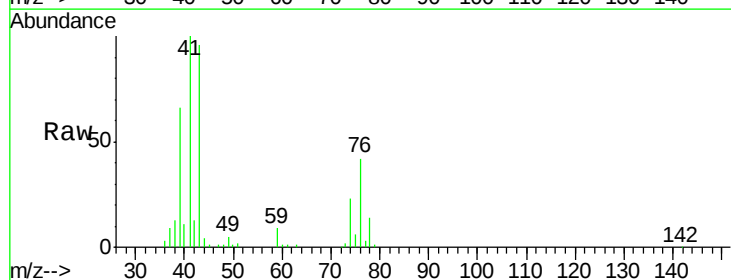
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

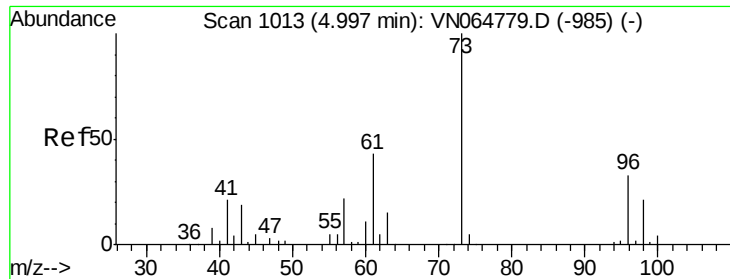
Tgt Ion: 76 Resp: 493308
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 87.508 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

Tgt Ion: 43 Resp: 225686
Ion Ratio Lower Upper
43 100
74 24.3 20.2 30.2

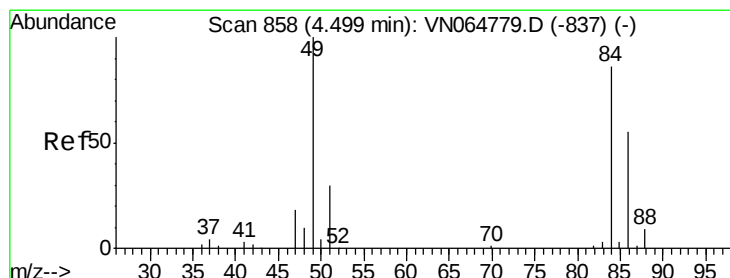
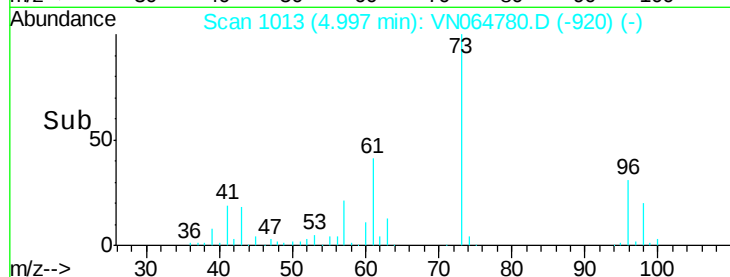
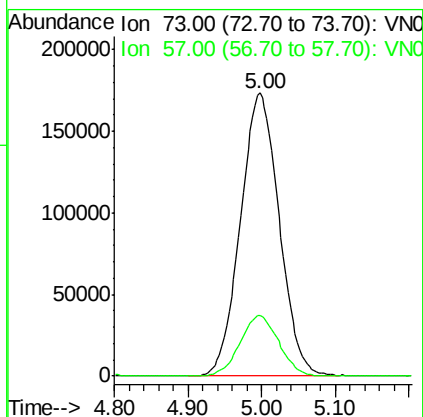
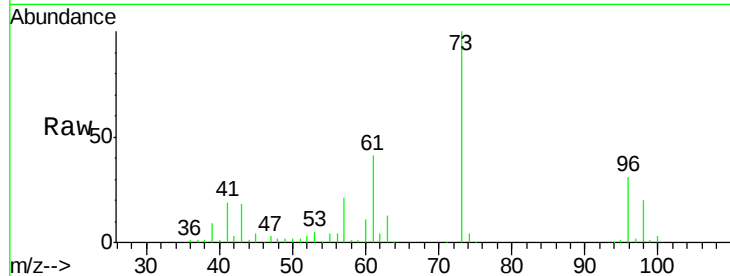




#19
Methyl tert-butyl Ether
Concen: 92.651 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

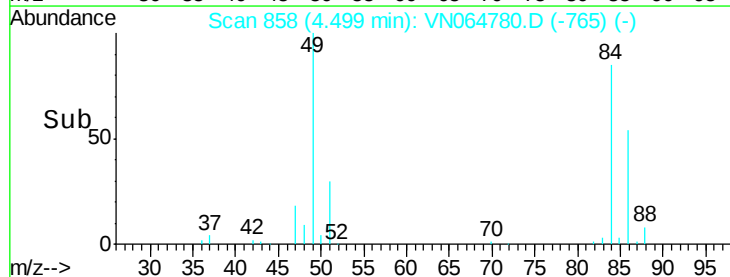
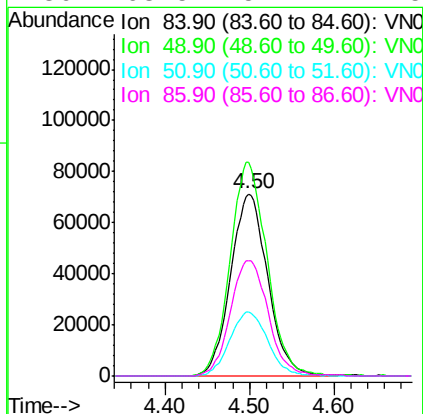
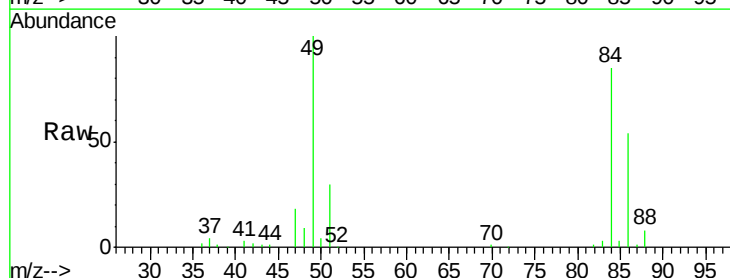
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

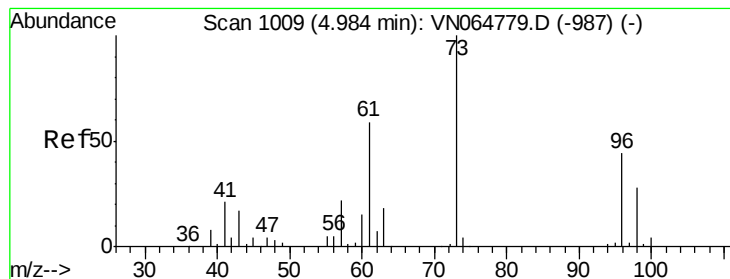
Tgt Ion: 73 Resp: 636493
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.0



#20
Methylene Chloride
Concen: 86.948 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

Tgt Ion: 84 Resp: 218095
Ion Ratio Lower Upper
84 100
49 117.1 93.4 140.0
51 34.9 28.2 42.4
86 63.5 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 88.380 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

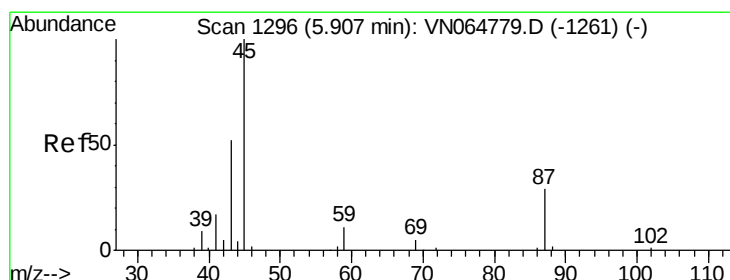
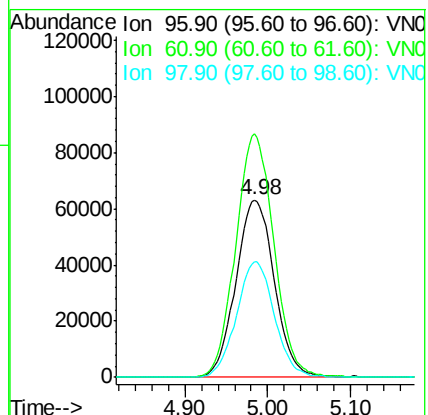
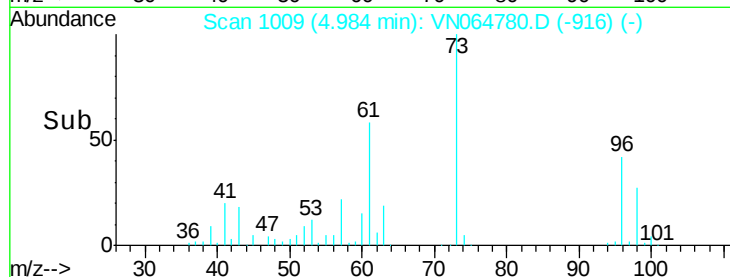
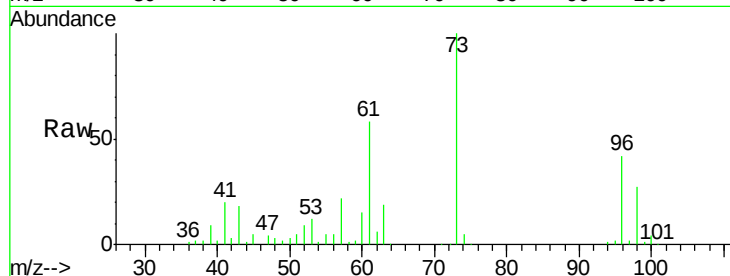
Tgt Ion: 96 Resp: 203935

Ion Ratio Lower Upper

96 100

61 137.1 108.4 162.6

98 65.2 51.3 76.9



#22

Diisopropyl ether

Concen: 87.211 ug/l

RT: 5.91 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Tgt Ion: 45 Resp: 645869

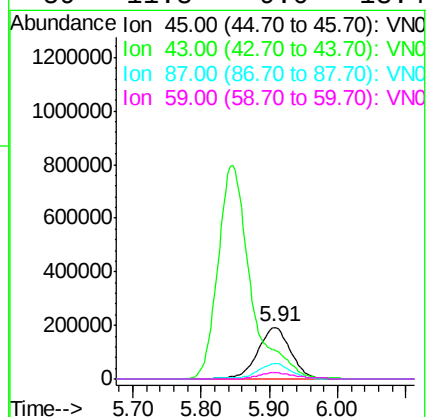
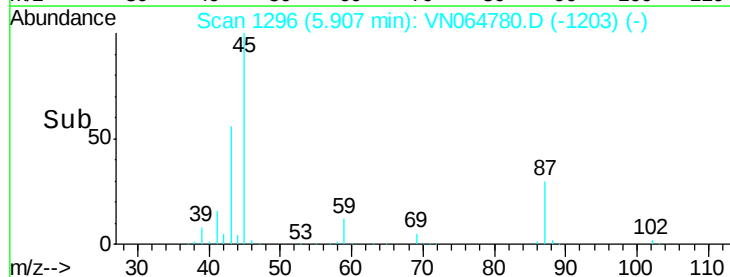
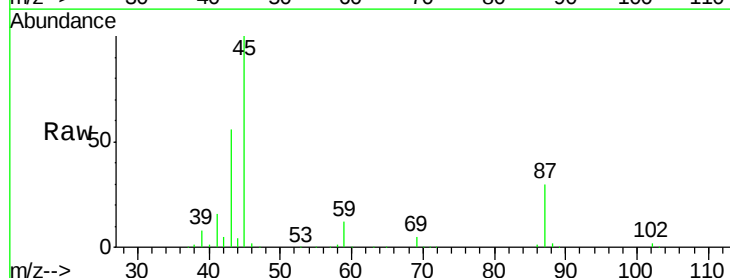
Ion Ratio Lower Upper

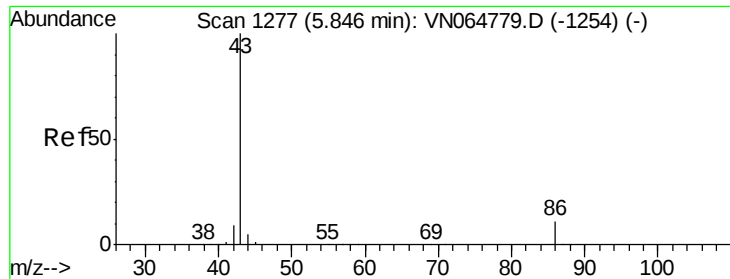
45 100

43 55.1 46.2 69.2

87 29.9 24.1 36.1

59 11.8 9.0 13.4





#23

Vinyl Acetate

Concen: 445.291 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

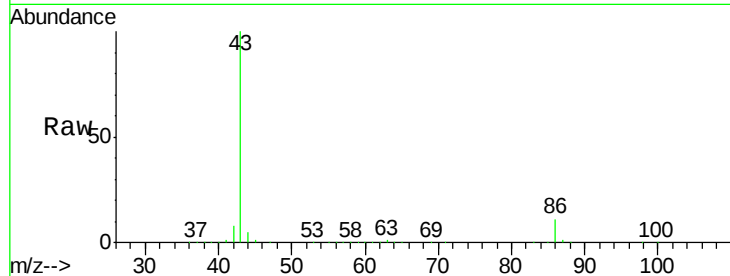
VSTDIC100

Tgt Ion: 43 Resp: 2654648

Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1254) (-)

Ion 86.00 (85.70 to 86.70): VN064779.D (-1254) (-)

5.85

800000

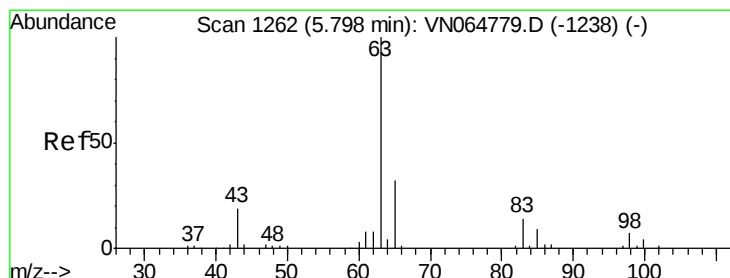
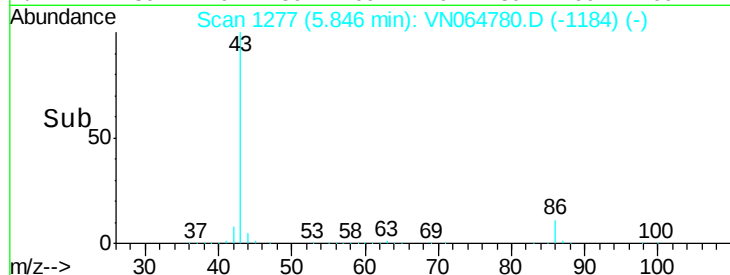
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 86.021 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

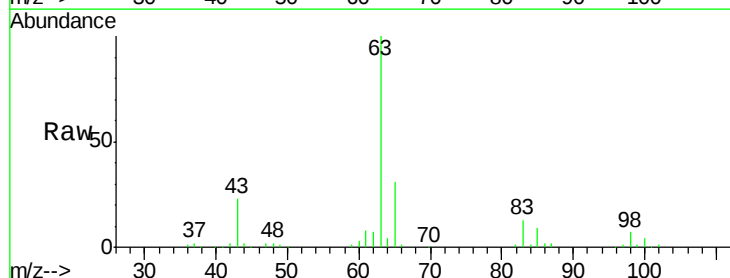
Tgt Ion: 63 Resp: 375237

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.5

100 4.5 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN064779.D (-1238) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-1238) (-)

Ion 99.90 (99.60 to 100.60): VN064779.D (-1238) (-)

5.80

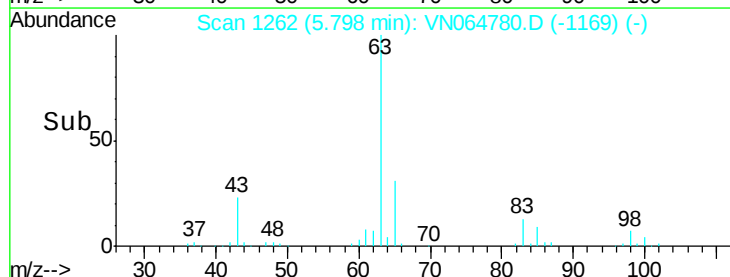
150000

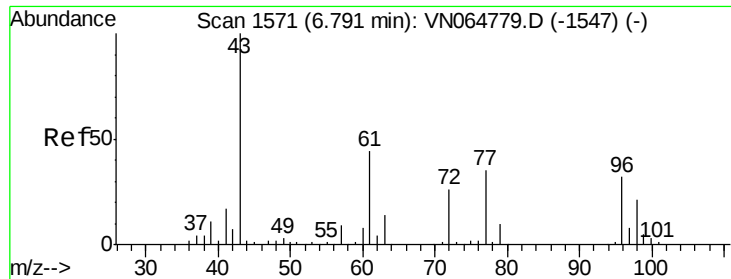
100000

50000

0

Time-->

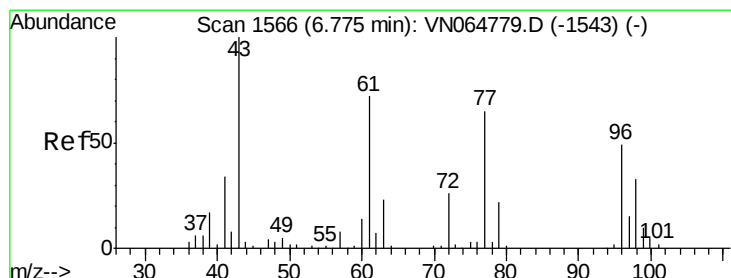
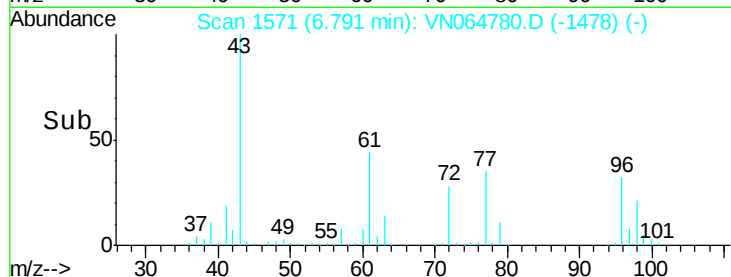
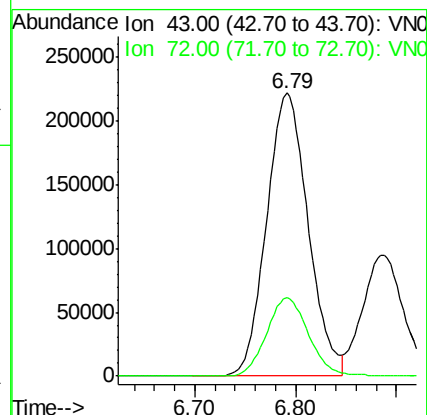
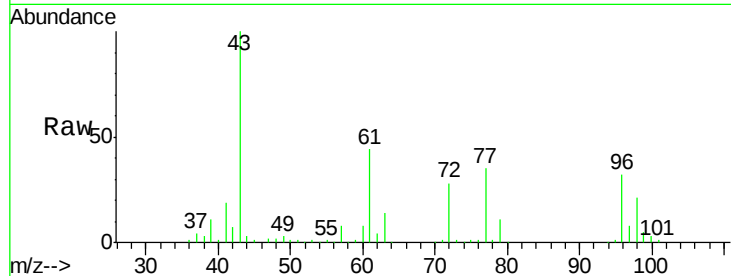




#25
2-Butanone
Concen: 485.780 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

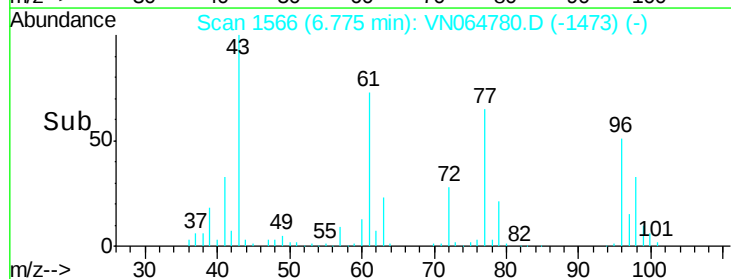
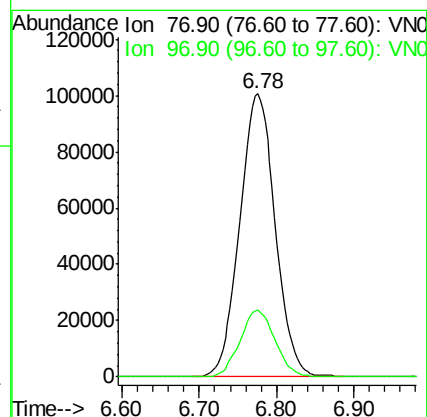
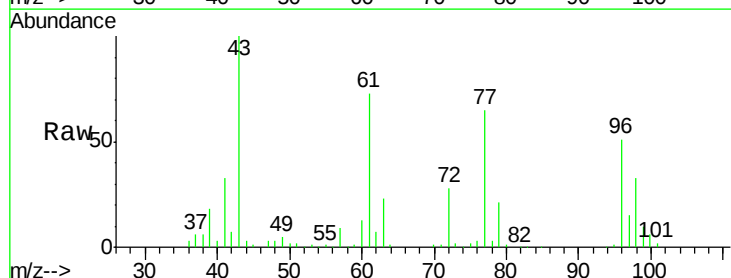
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

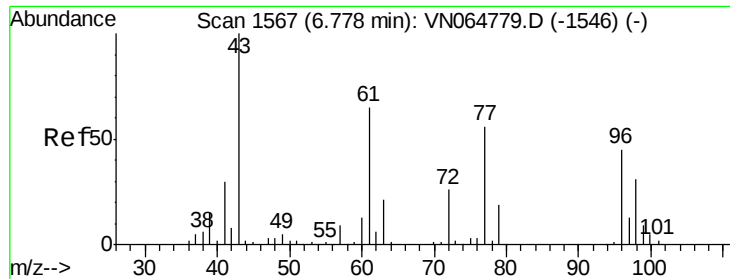
Tgt Ion: 43 Resp: 634880
Ion Ratio Lower Upper
43 100
72 27.7 21.0 31.6



#26
2,2-Dichloropropane
Concen: 78.548 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

Tgt Ion: 77 Resp: 320089
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 93.114 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

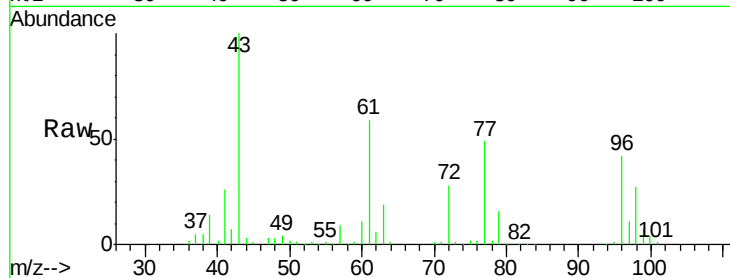
Tgt Ion: 96 Resp: 237385

Ion Ratio Lower Upper

96 100

61 142.0 0.0 285.8

98 65.7 0.0 130.6

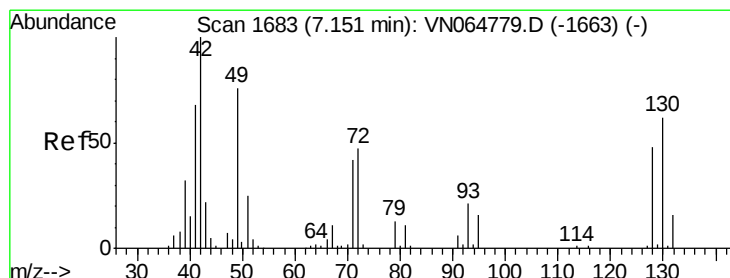
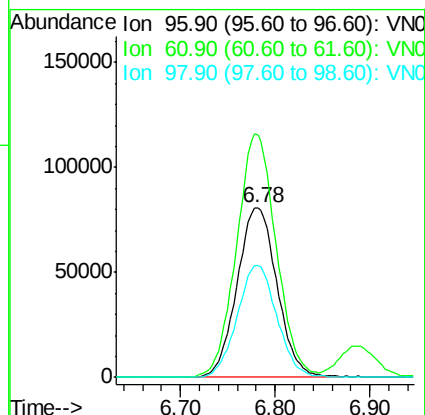
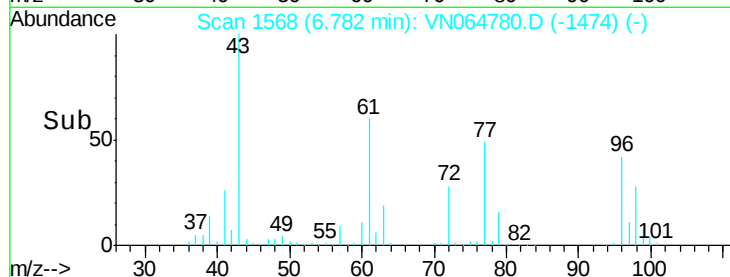


Abundance Ion 95.90 (95.60 to 96.60): VN064779.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-1546) (-)

Time-->



#28

Bromochloromethane

Concen: 78.346 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

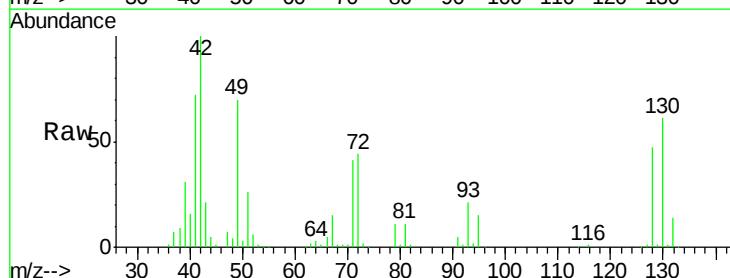
Tgt Ion: 49 Resp: 171134

Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 85.5 66.2 99.2

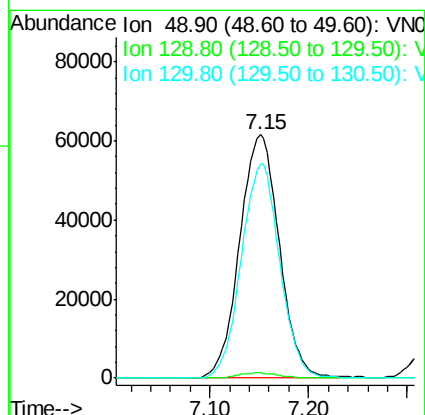
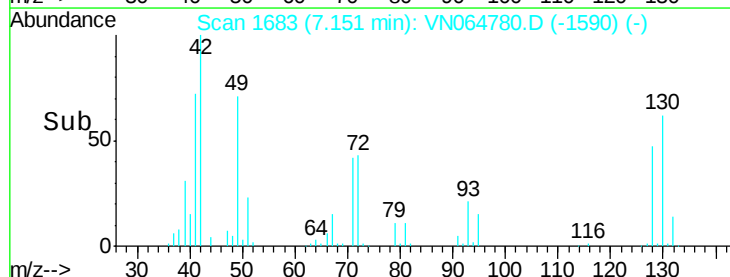


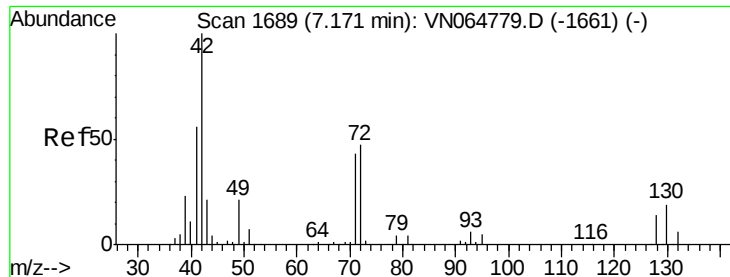
Abundance Ion 48.90 (48.60 to 49.60): VN064779.D (-1663) (-)

Ion 128.80 (128.50 to 129.50): VN064779.D (-1663) (-)

Ion 129.80 (129.50 to 130.50): VN064779.D (-1663) (-)

Time-->





#29

Tetrahydrofuran

Concen: 491.055 ug/l

RT: 7.17 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

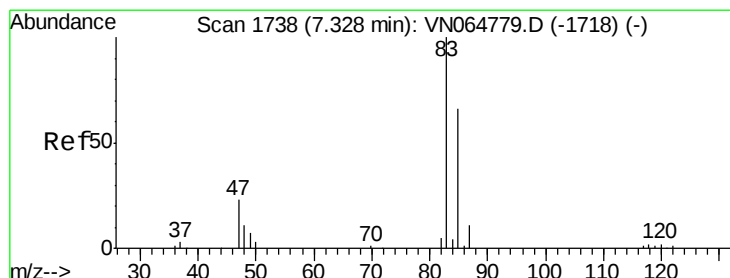
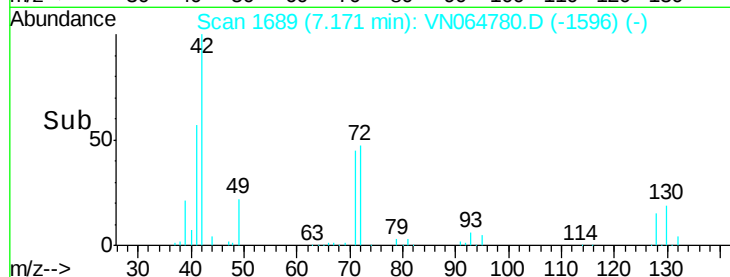
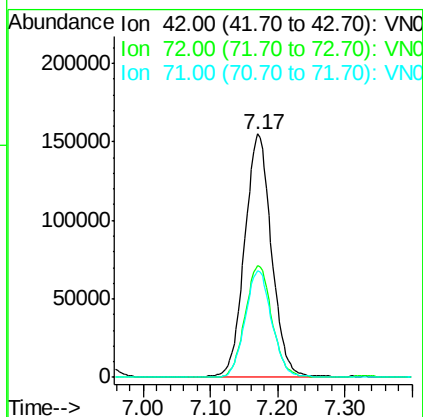
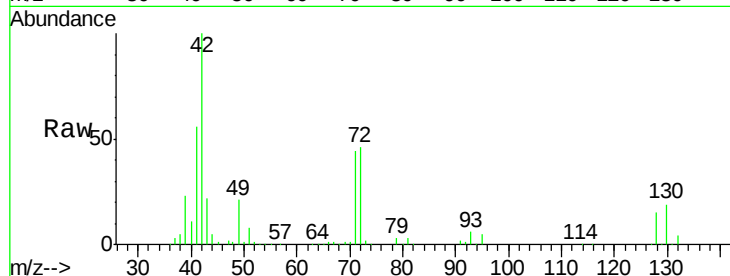
Tgt Ion: 42 Resp: 432288

Ion Ratio Lower Upper

42 100

72 45.6 36.6 54.8

71 43.3 33.6 50.4



#30

Chloroform

Concen: 81.142 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064780.D

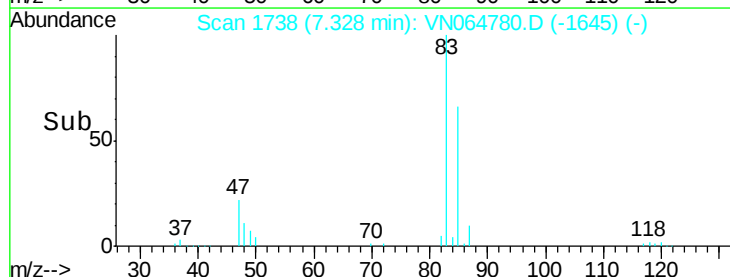
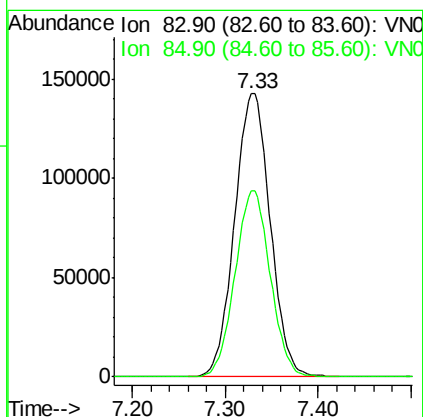
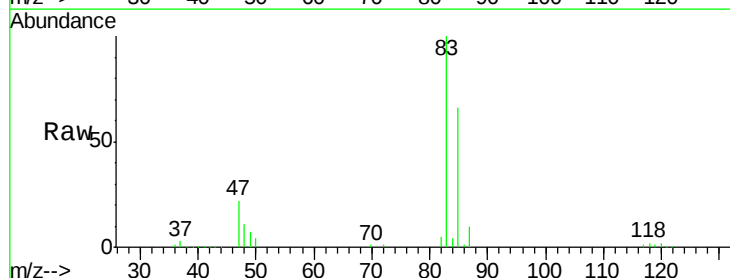
Acq: 23 Nov 2020 13:06

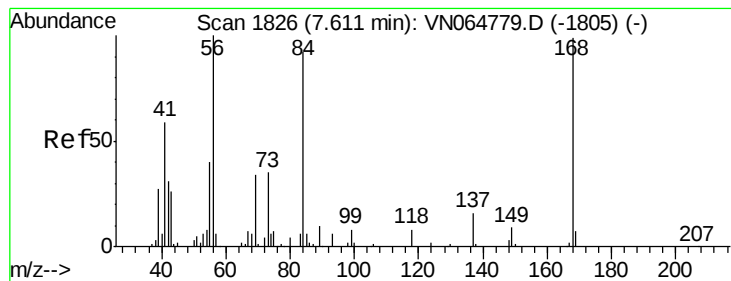
Tgt Ion: 83 Resp: 380576

Ion Ratio Lower Upper

83 100

85 65.7 52.6 78.8





#31

Cyclohexane

Concen: 84.264 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

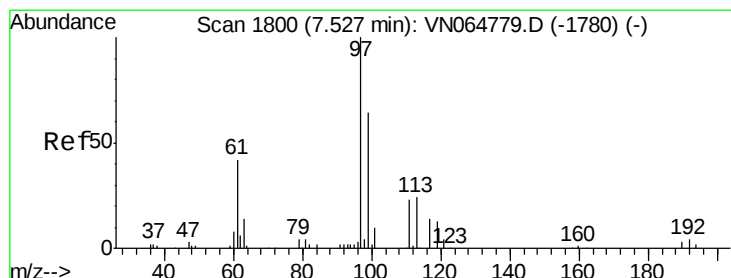
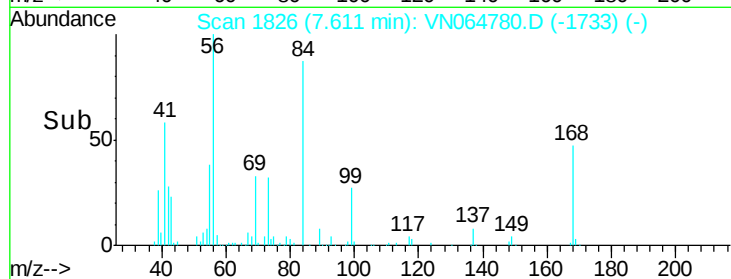
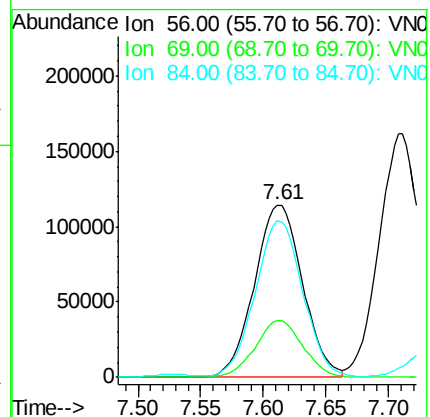
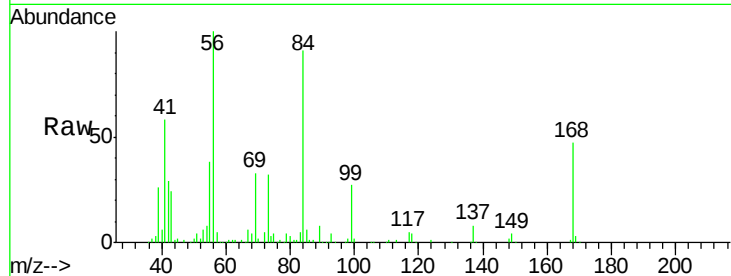
Tgt Ion: 56 Resp: 305544

Ion Ratio Lower Upper

56 100

69 33.0 27.5 41.3

84 89.7 73.9 110.9



#32

1,1,1-Trichloroethane

Concen: 78.170 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

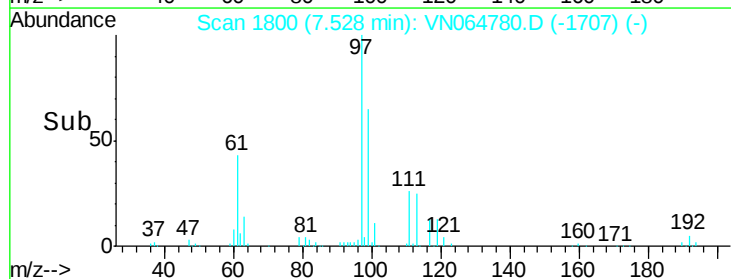
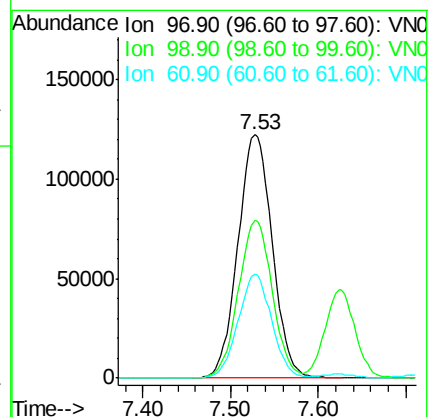
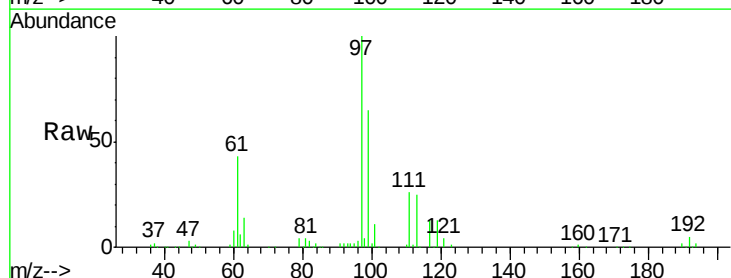
Tgt Ion: 97 Resp: 333548

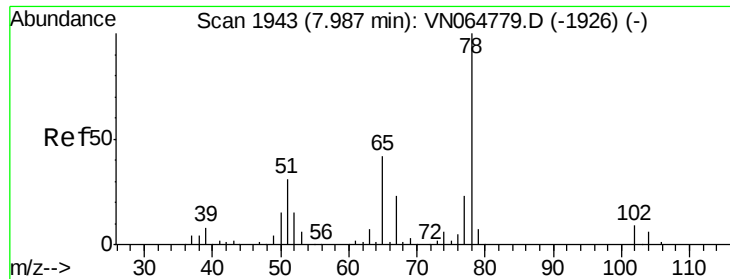
Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

61 41.7 33.9 50.9

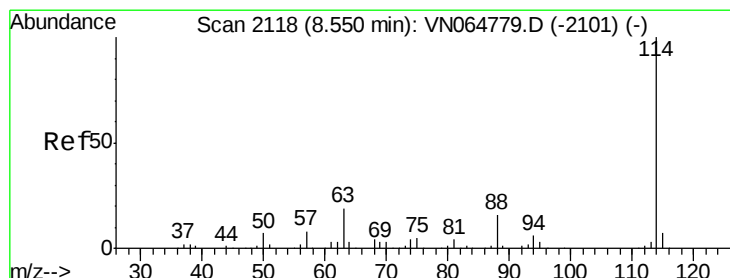
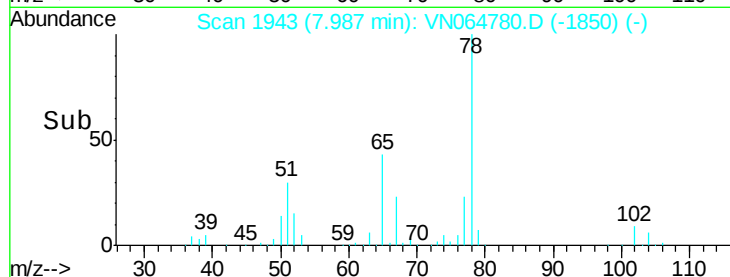
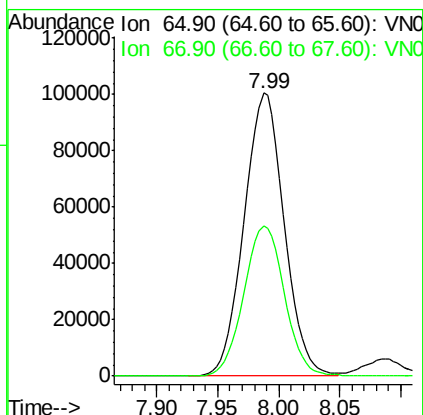
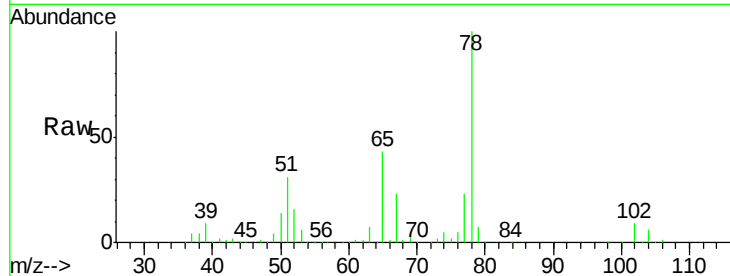




#33
 1,2-Dichloroethane-d4
 Concen: 70.593 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

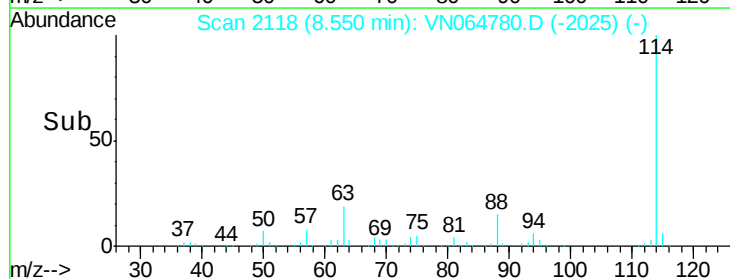
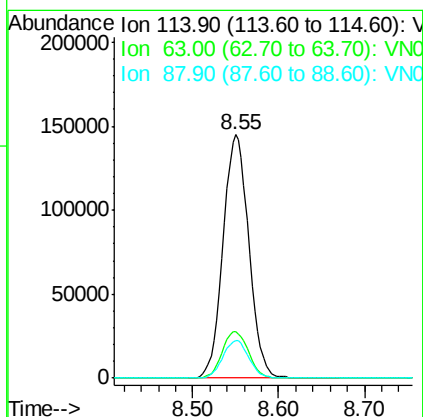
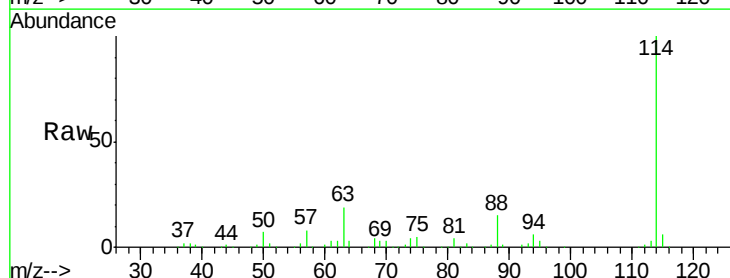
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

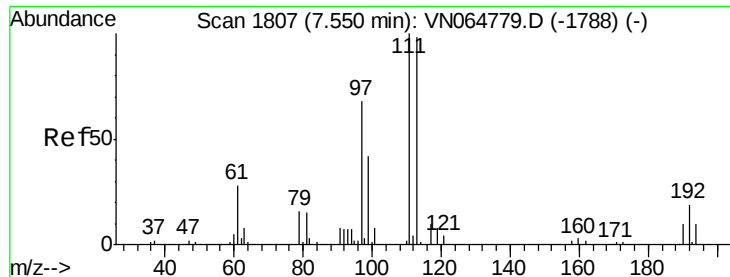
Tgt Ion: 65 Resp: 228534
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

Tgt Ion: 114 Resp: 302095
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.4 0.0 32.6

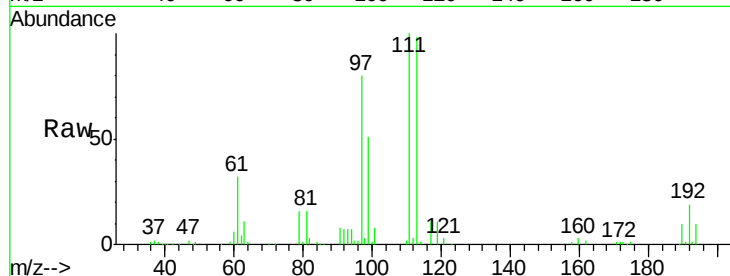




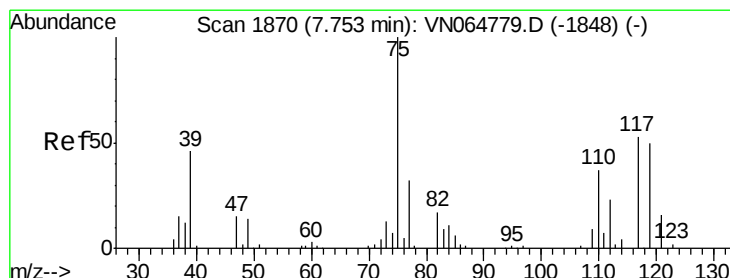
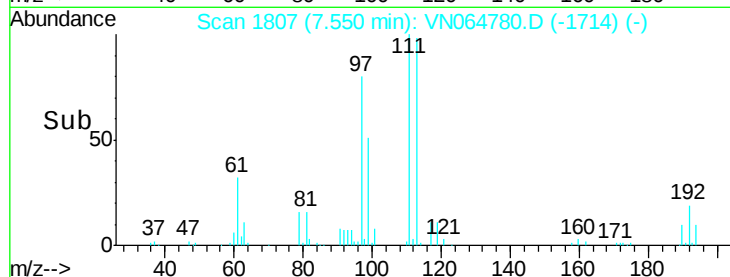
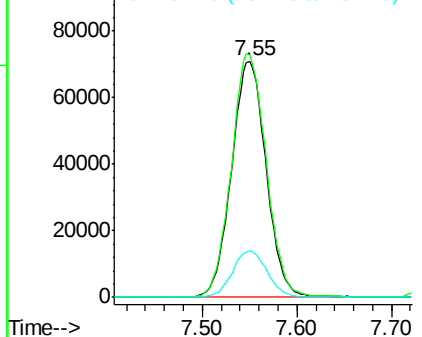
#35
 Dibromofluoromethane
 Concen: 103.862 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 113 Resp: 180140
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.6 122.4
 192 19.6 16.2 24.2

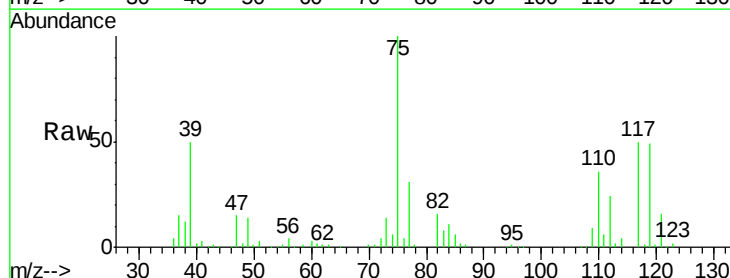


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

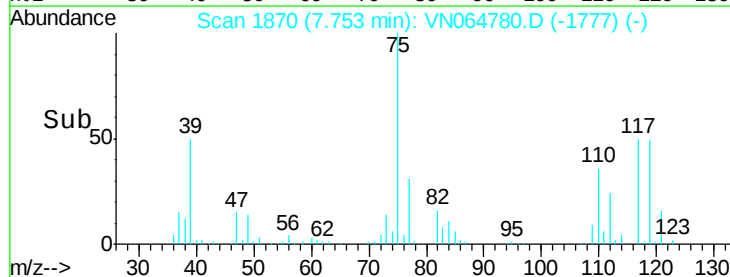
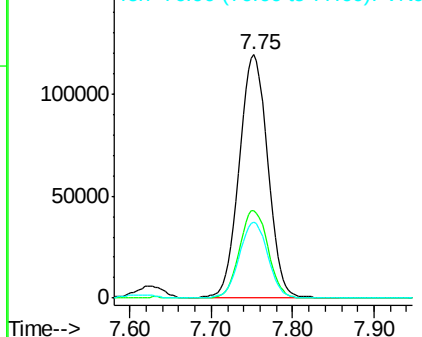


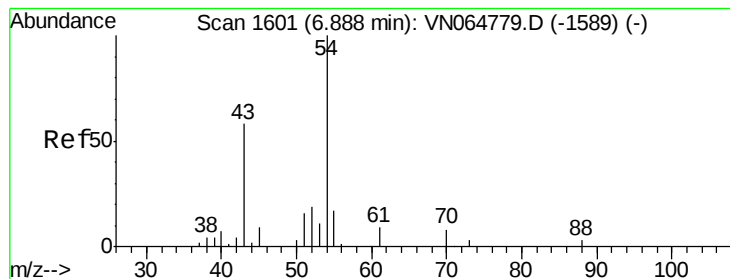
#36
 1,1-Dichloropropene
 Concen: 94.334 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

Tgt Ion: 75 Resp: 287566
 Ion Ratio Lower Upper
 75 100
 110 36.2 17.8 53.3
 77 31.5 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 106.216 ug/l

RT: 6.89 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

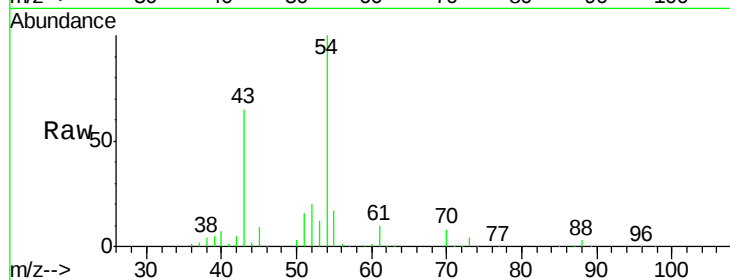
Tgt Ion: 43 Resp: 274780

Ion Ratio Lower Upper

43 100

61 15.2 12.8 19.2

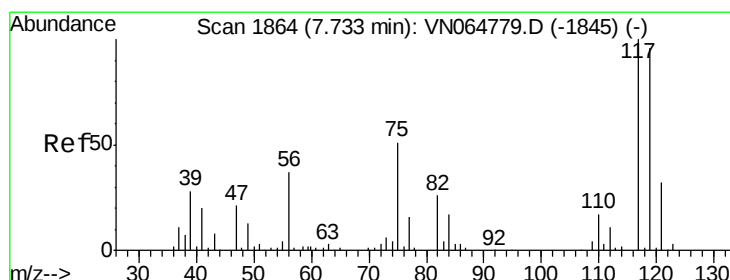
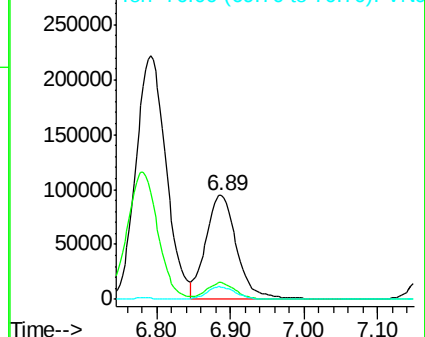
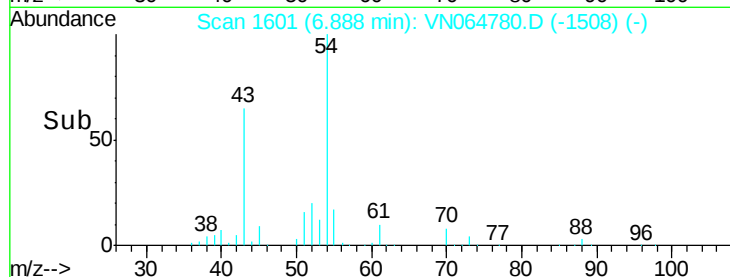
70 11.4 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VN064780.D (-1508) (-)

Ion 60.90 (60.60 to 61.60): VN064780.D (-1508) (-)

Ion 70.00 (69.70 to 70.70): VN064780.D (-1508) (-)



#38

Carbon Tetrachloride

Concen: 93.106 ug/l

RT: 7.73 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

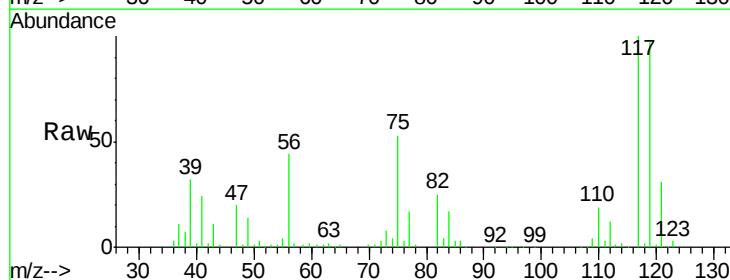
Tgt Ion: 117 Resp: 299102

Ion Ratio Lower Upper

117 100

119 97.5 76.7 115.1

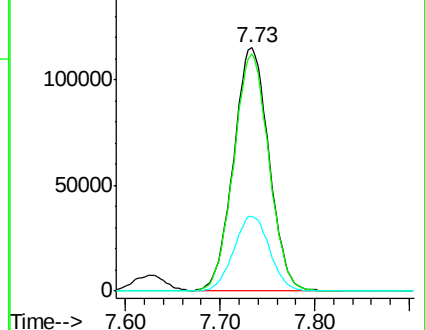
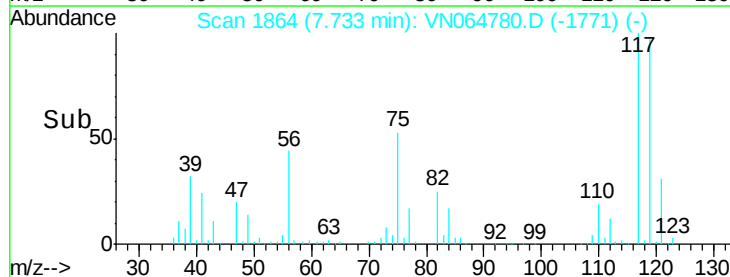
121 30.8 25.4 38.2

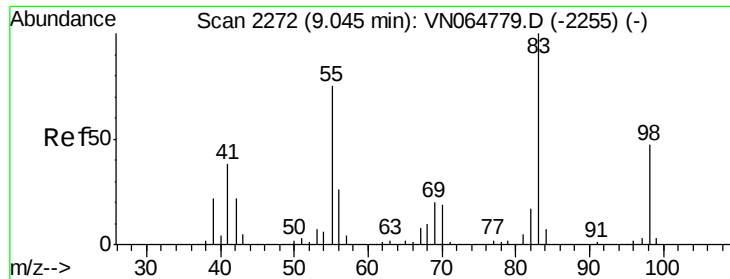


Abundance Ion 116.80 (116.50 to 117.50): VN064780.D (-1771) (-)

Ion 118.80 (118.50 to 119.50): VN064780.D (-1771) (-)

Ion 120.80 (120.50 to 121.50): VN064780.D (-1771) (-)

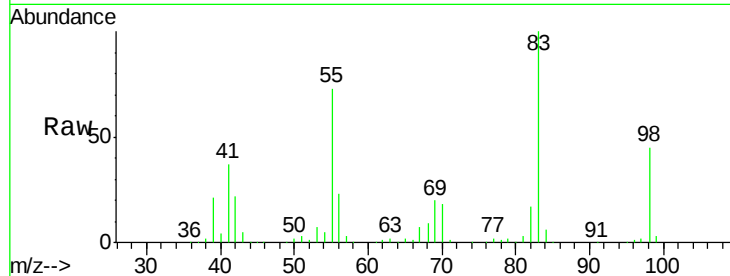




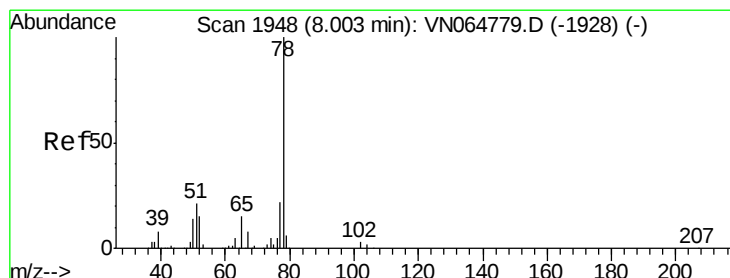
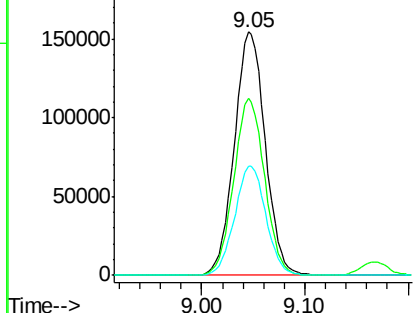
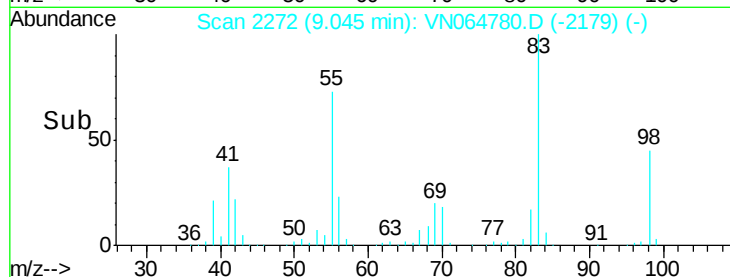
#39
Methylcyclohexane
Concen: 115.477 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 322245
Ion Ratio Lower Upper
83 100
55 72.6 60.2 90.2
98 44.9 37.4 56.2

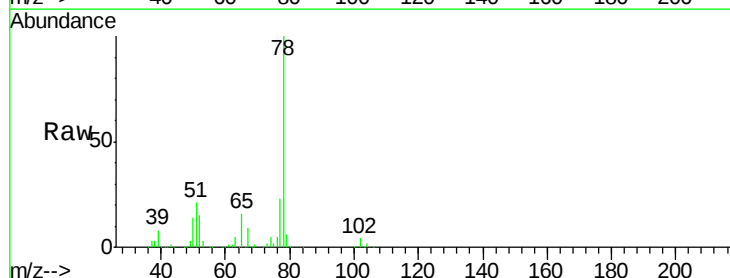


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

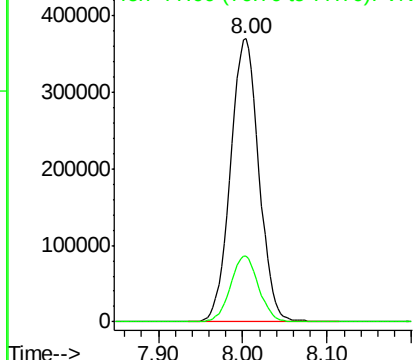
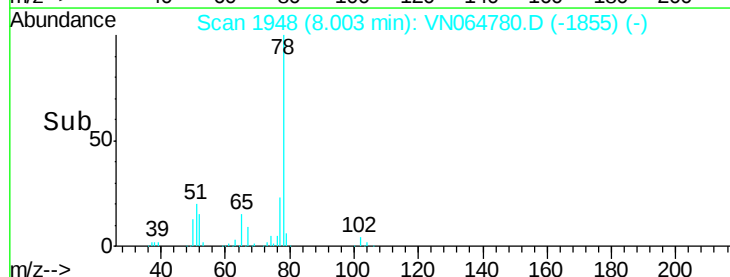


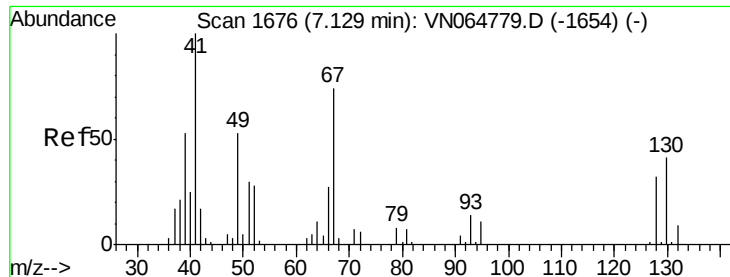
#40
Benzene
Concen: 101.028 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

Tgt Ion: 78 Resp: 867314
Ion Ratio Lower Upper
78 100
77 23.3 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

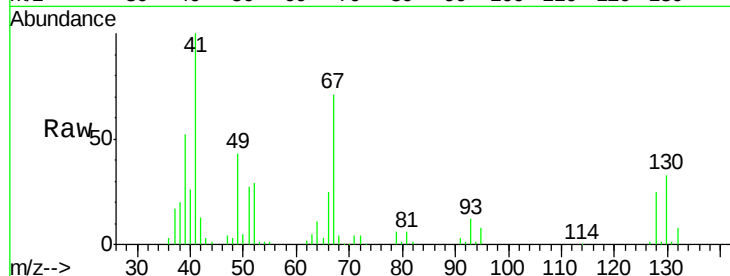




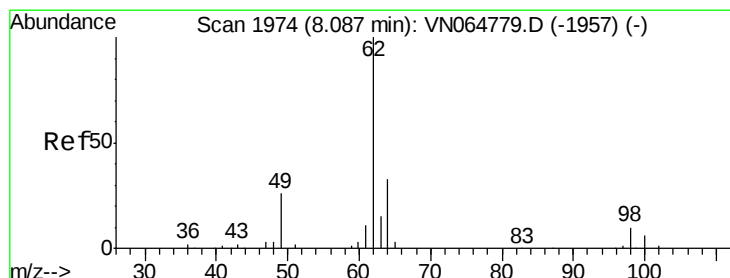
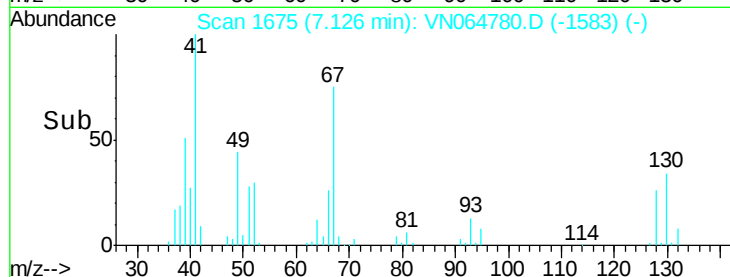
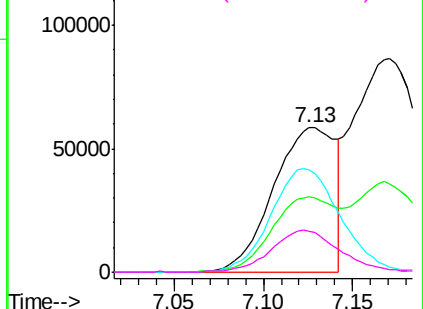
#41
Methacrylonitrile
Concen: 120.671 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tgt Ion:	41	Resp:	141556
Ion	Ratio	Lower	Upper
41	100		
39	55.7	51.0	76.6
67	80.8	79.8	119.8
52	32.4	31.5	47.3

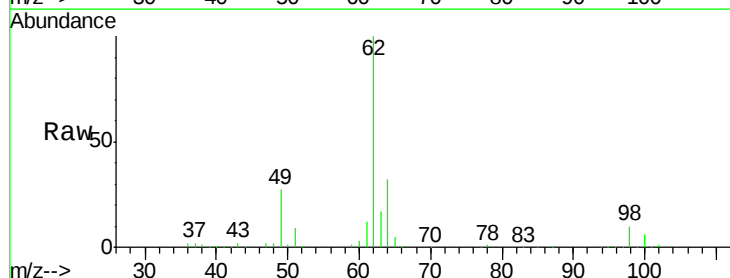


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

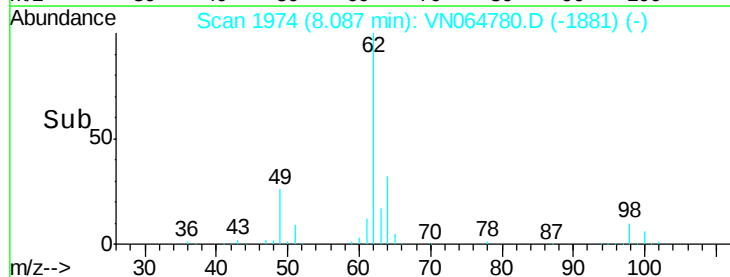
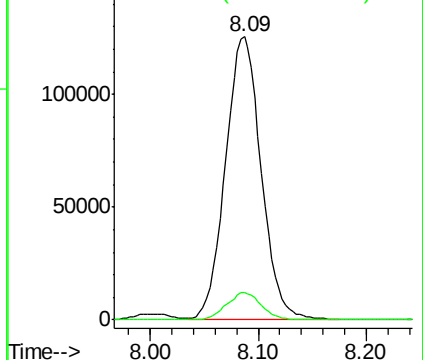


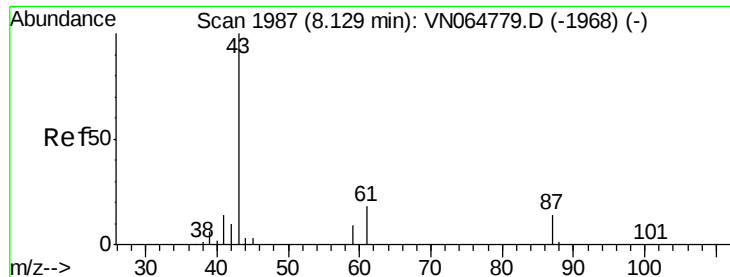
#42
1,2-Dichloroethane
Concen: 80.837 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

Tgt Ion:	62	Resp:	288066
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.6



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 92.388 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampled :

VSTDICC100

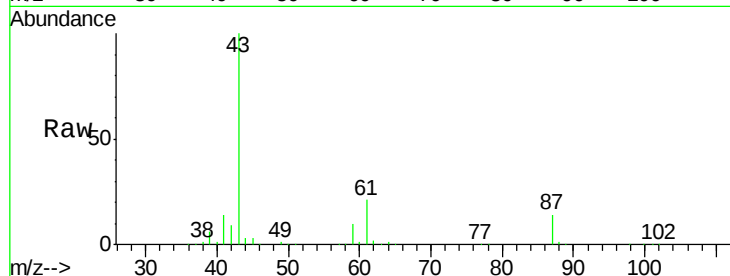
Tgt Ion: 43 Resp: 456205

Ion Ratio Lower Upper

43 100

61 21.6 17.2 25.8

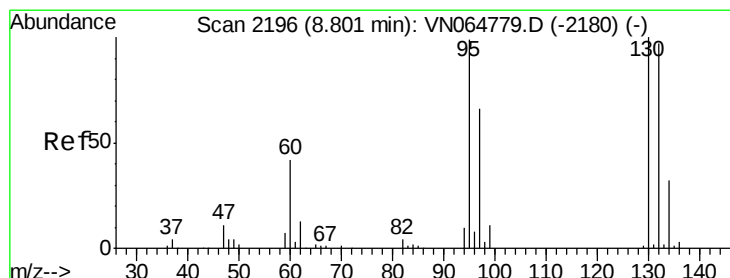
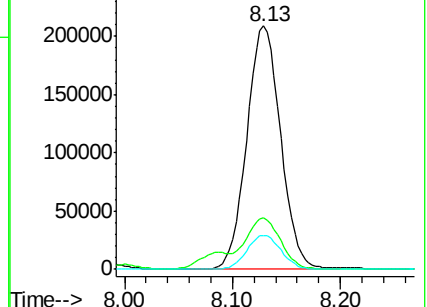
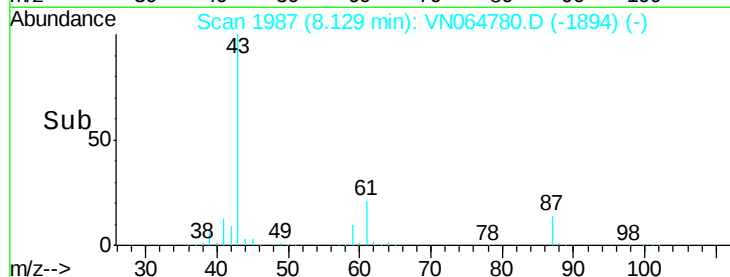
87 14.1 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064780.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN064780.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN064780.D (-1894) (-)



#44

Trichloroethene

Concen: 99.755 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064780.D

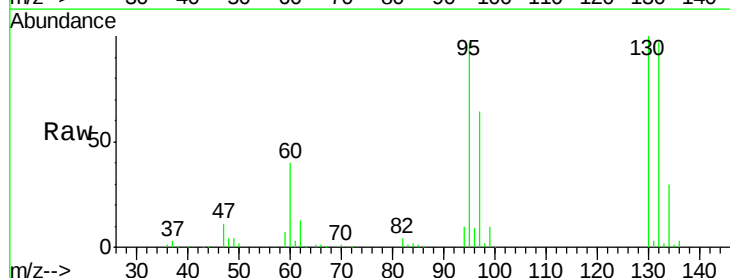
Acq: 23 Nov 2020 13:06

Tgt Ion: 130 Resp: 248574

Ion Ratio Lower Upper

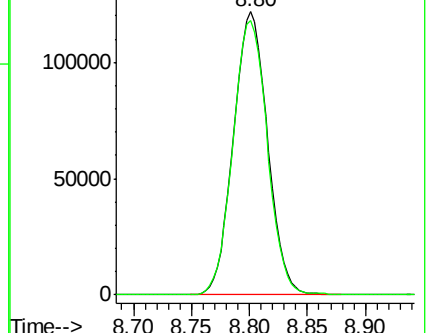
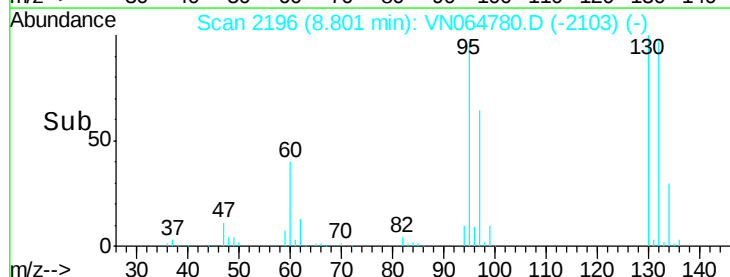
130 100

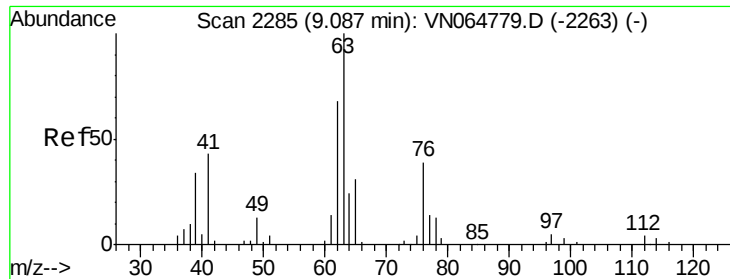
95 96.7 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064780.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064780.D (-2103) (-)

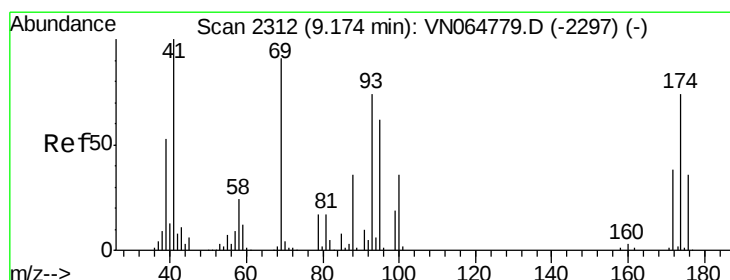
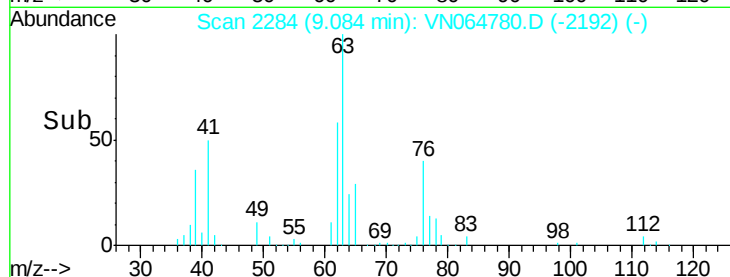
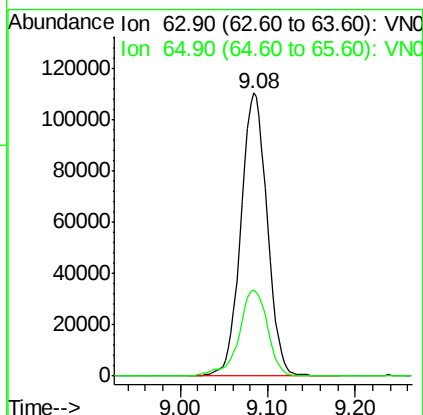
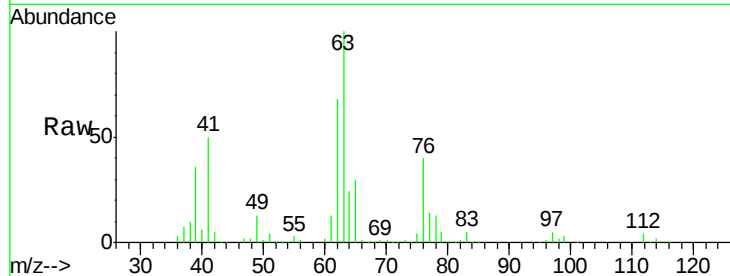




#45
 1,2-Dichloropropane
 Concen: 101.032 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

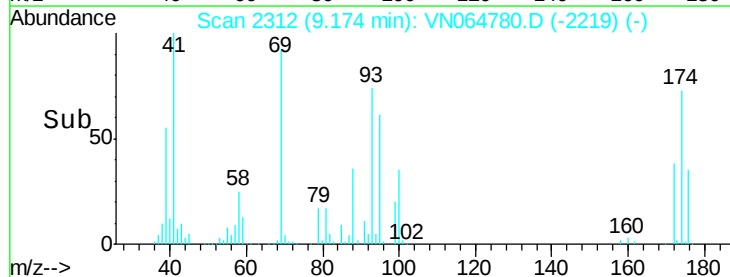
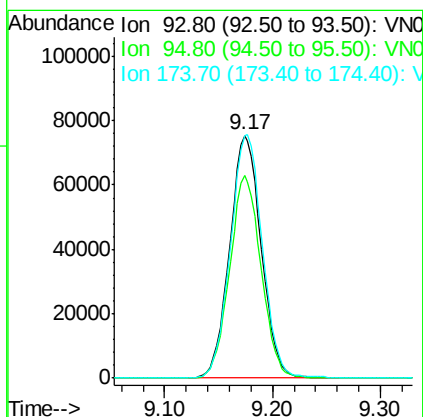
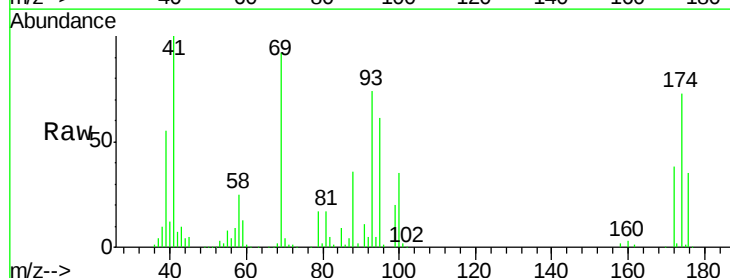
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

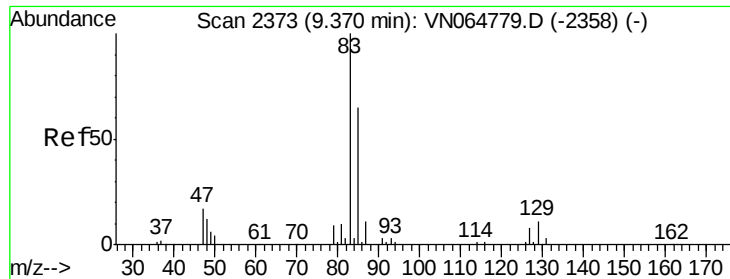
Tgt Ion: 63 Resp: 230274
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.4



#46
 Dibromomethane
 Concen: 96.119 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

Tgt Ion: 93 Resp: 153550
 Ion Ratio Lower Upper
 93 100
 95 82.9 68.8 103.2
 174 101.6 83.1 124.7





#47

Bromodichloromethane

Concen: 92.420 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

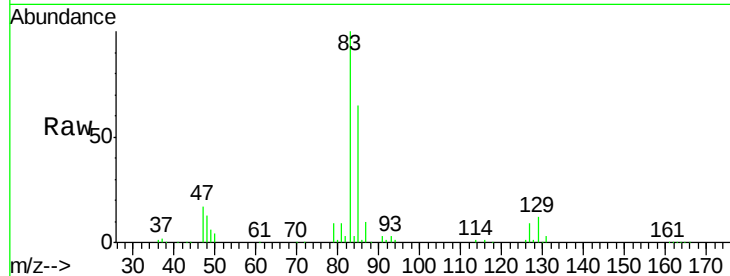
Tgt Ion: 83 Resp: 309021

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.8

127 9.2 6.8 10.2

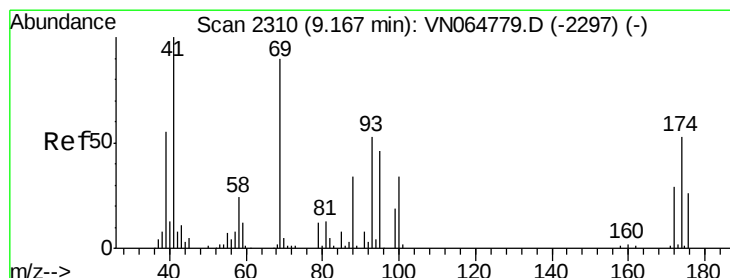
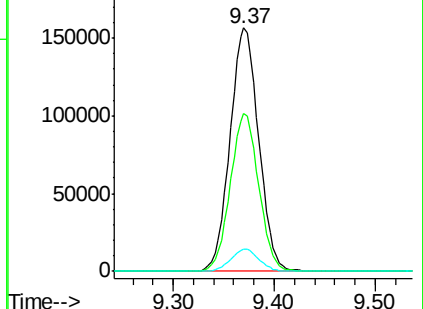
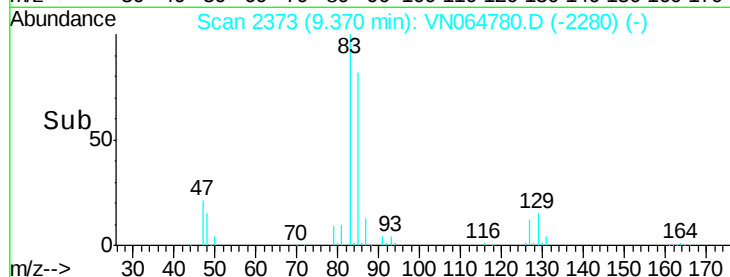


Abundance Ion 82.90 (82.60 to 83.60): VN064780.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064780.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064780.D (-2280) (-)

Time-->



#48

Methyl methacrylate

Concen: 94.149 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

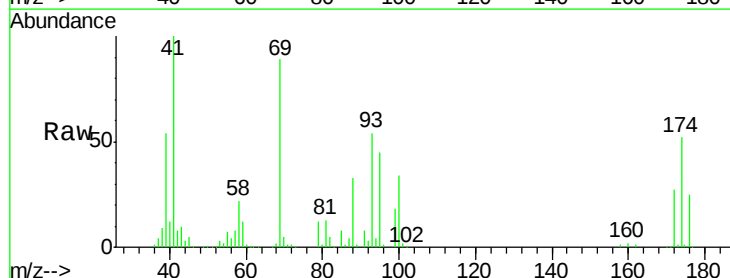
Tgt Ion: 41 Resp: 218607

Ion Ratio Lower Upper

41 100

69 93.1 71.8 107.8

39 55.9 44.1 66.1

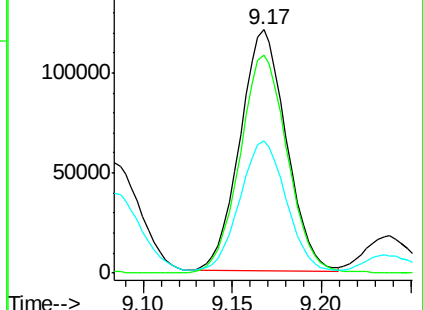
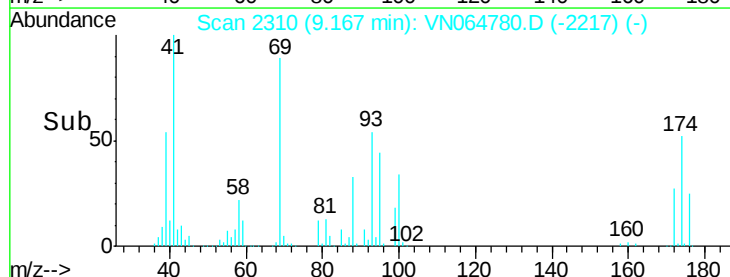


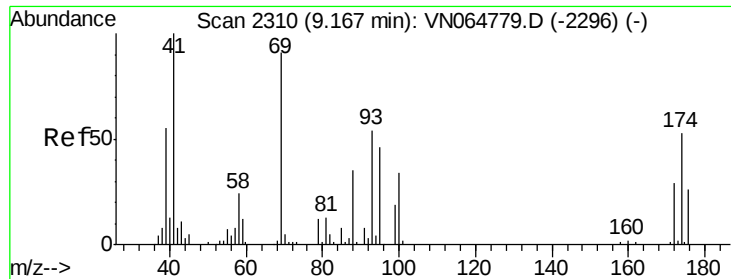
Abundance Ion 41.00 (40.70 to 41.70): VN064780.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064780.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064780.D (-2217) (-)

Time-->

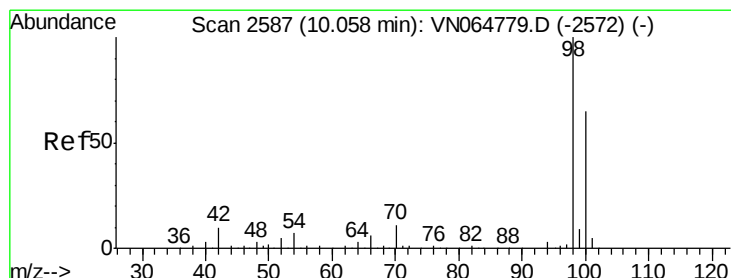
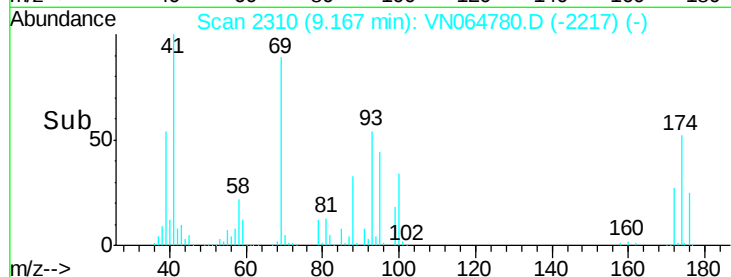
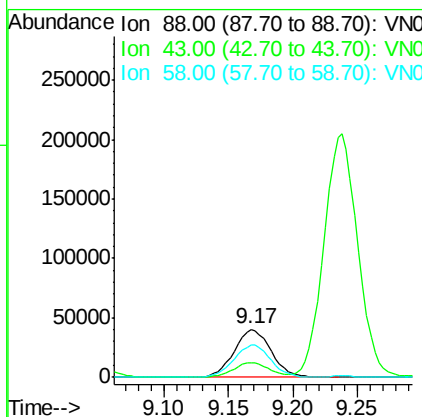
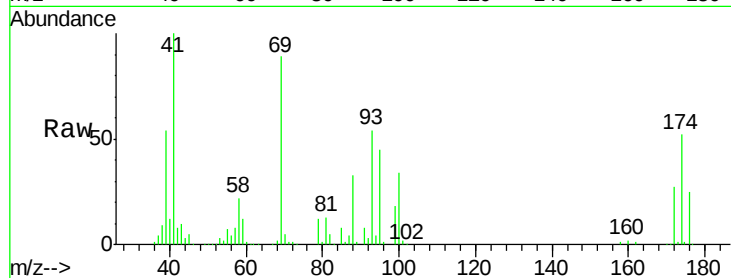




#49
 1,4-Dioxane
 Concen: 2574.767 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

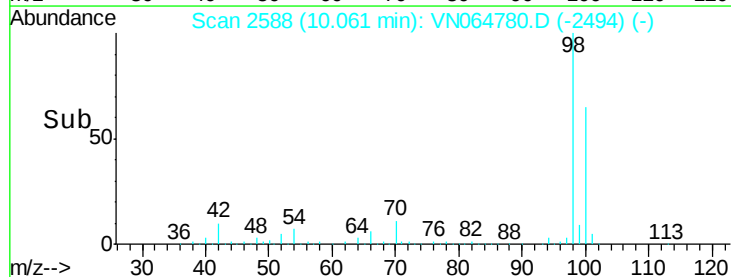
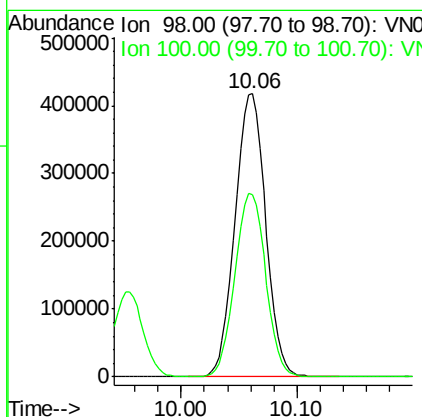
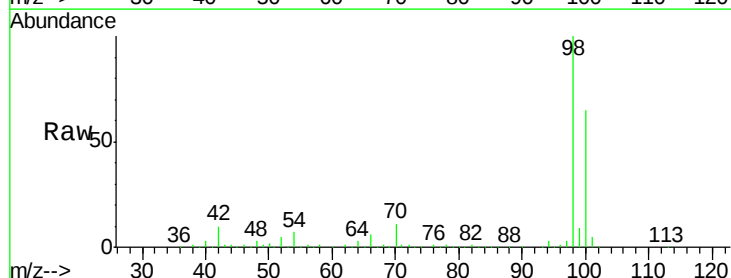
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

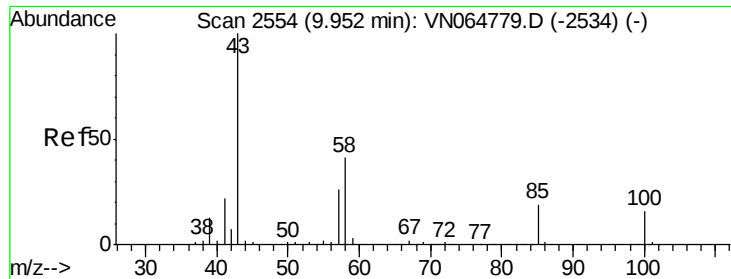
Tgt Ion: 88 Resp: 80827
 Ion Ratio Lower Upper
 88 100
 43 29.1 24.2 36.4
 58 67.2 52.5 78.7



#50
 Toluene-d8
 Concen: 99.000 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

Tgt Ion: 98 Resp: 764379
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.7 77.5

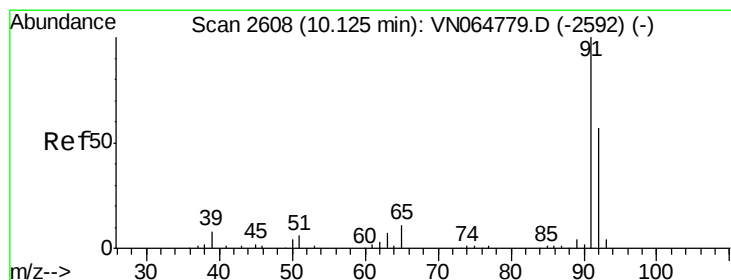
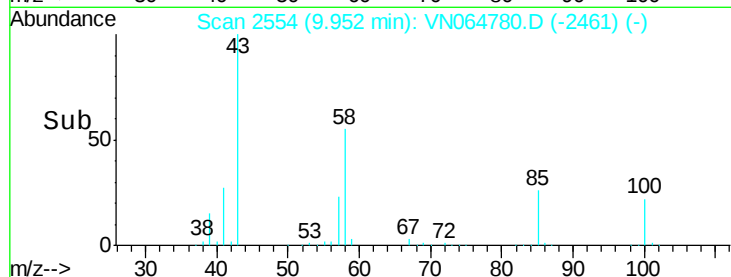
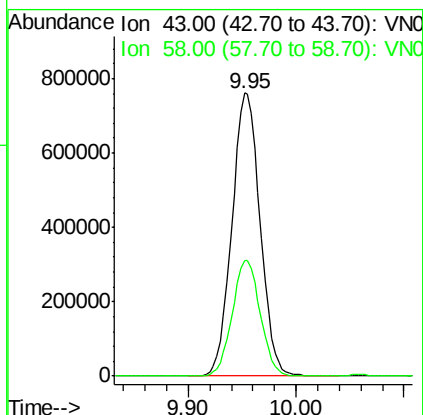
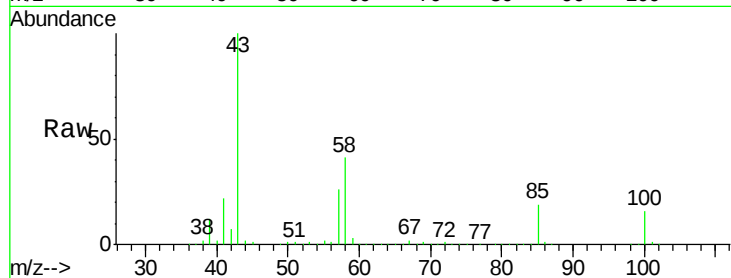




#51
 4-Methyl-2-Pentanone
 Concen: 514.546 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

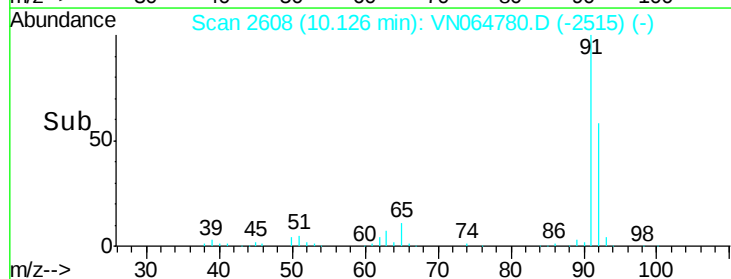
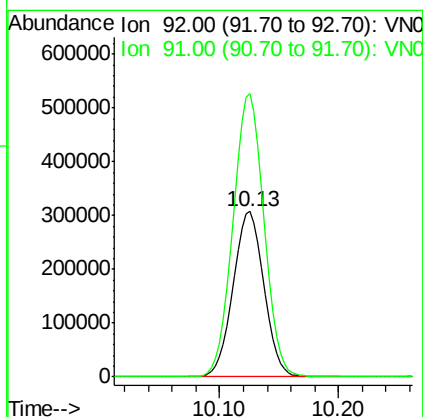
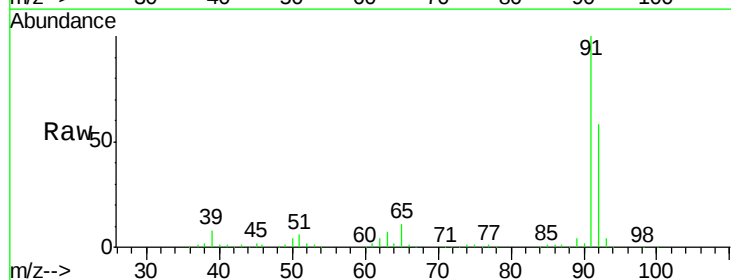
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

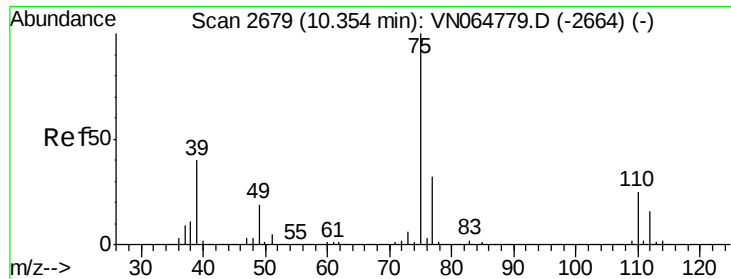
Tgt Ion: 43 Resp: 1383159
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.4 48.6



#52
 Toluene
 Concen: 104.720 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

Tgt Ion: 92 Resp: 551884
 Ion Ratio Lower Upper
 92 100
 91 171.8 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 97.587 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

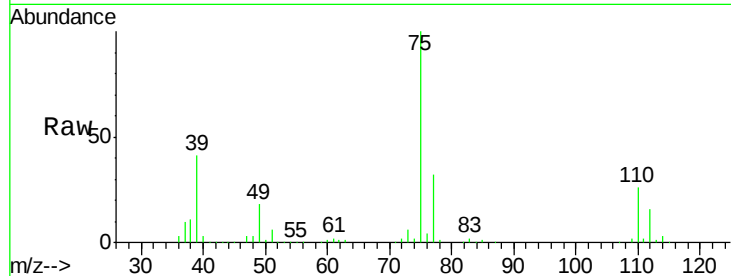
VSTDIC100

Tgt Ion: 75 Resp: 349813

Ion Ratio Lower Upper

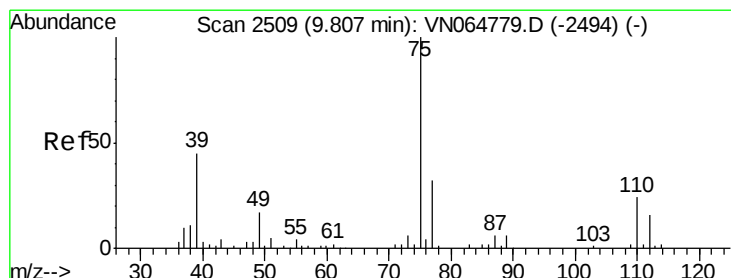
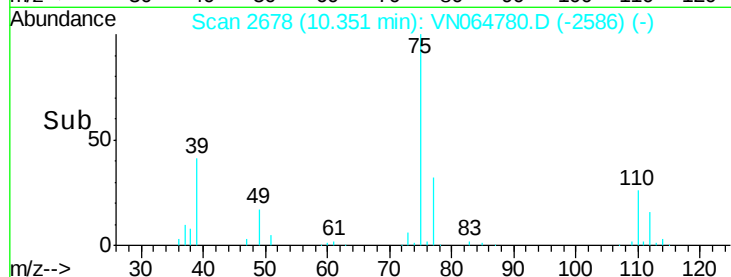
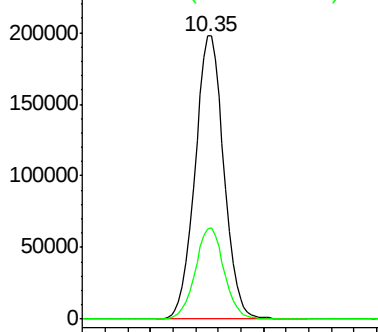
75 100

77 31.7 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 102.218 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

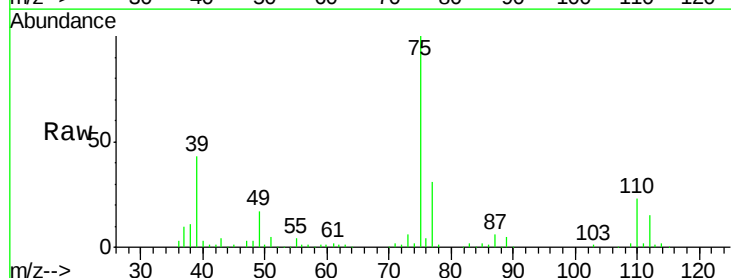
Tgt Ion: 75 Resp: 382330

Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3

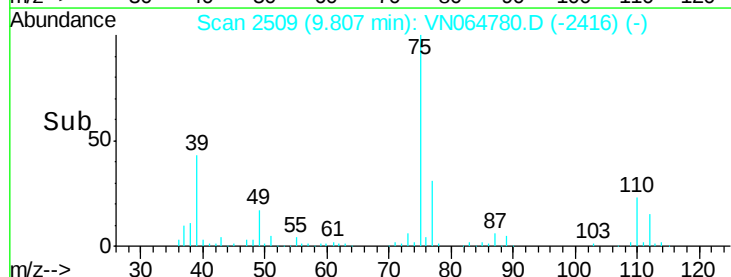
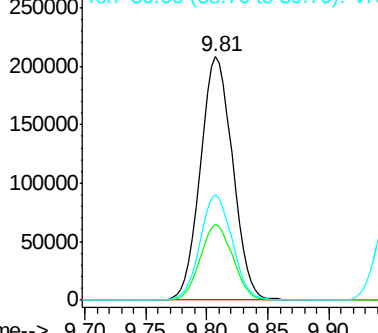
39 43.3 35.6 53.4

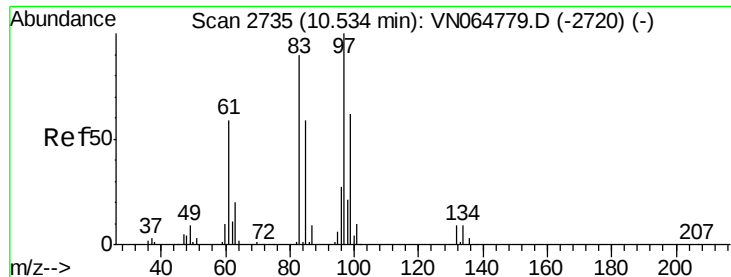


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

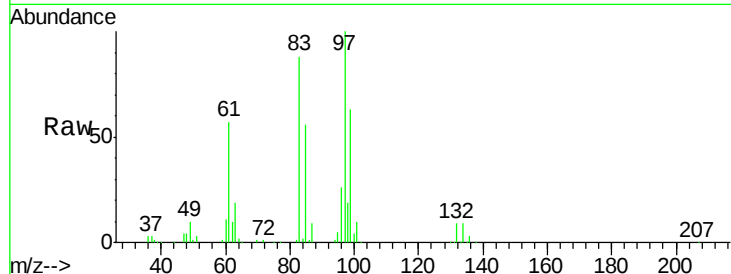




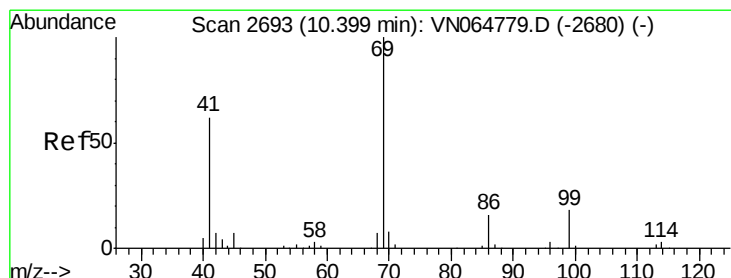
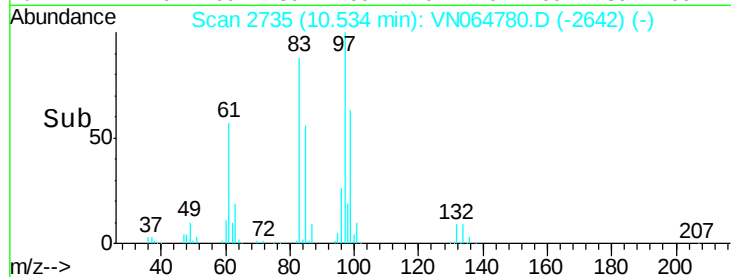
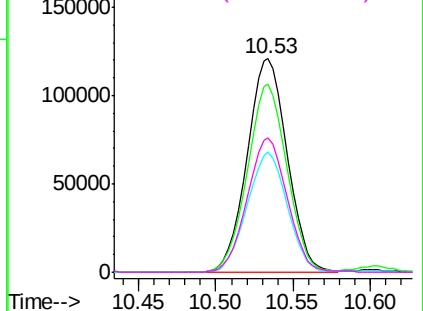
#55
 1,1,2-Trichloroethane
 Concen: 103.116 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 97 Resp: 217881
 Ion Ratio Lower Upper
 97 100
 83 88.1 72.1 108.1
 85 56.2 46.8 70.2
 99 63.2 49.6 74.4

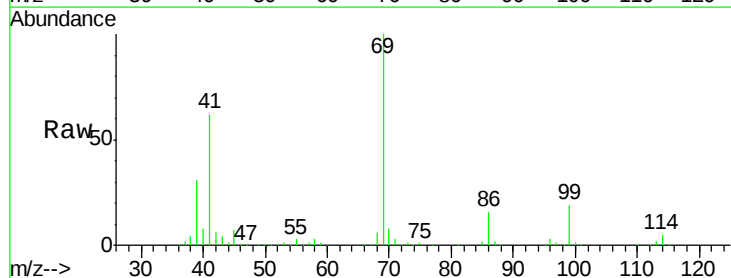


Abundance Ion 96.90 (96.60 to 97.60): VN064780.D (-2642) (-)
 Ion 82.90 (82.60 to 83.60): VN064780.D (-2642) (-)
 Ion 84.90 (84.60 to 85.60): VN064780.D (-2642) (-)
 Ion 98.90 (98.60 to 99.60): VN064780.D (-2642) (-)

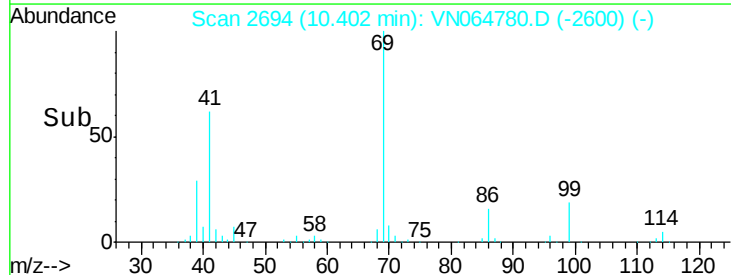
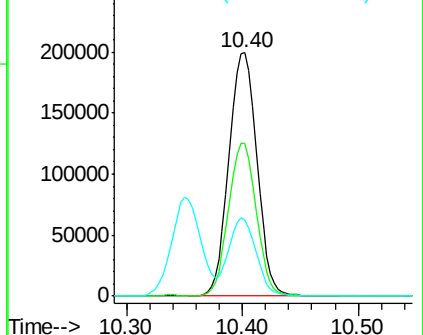


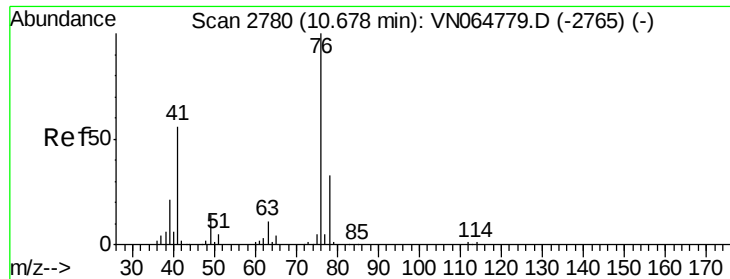
#56
 Ethyl methacrylate
 Concen: 113.231 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

Tgt Ion: 69 Resp: 333951
 Ion Ratio Lower Upper
 69 100
 41 61.9 49.4 74.0
 39 31.5 25.9 38.9



Abundance Ion 69.00 (68.70 to 69.70): VN064780.D (-2600) (-)
 Ion 41.00 (40.70 to 41.70): VN064780.D (-2600) (-)
 Ion 39.00 (38.70 to 39.70): VN064780.D (-2600) (-)

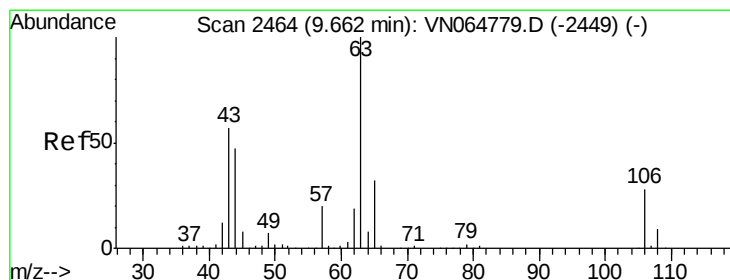
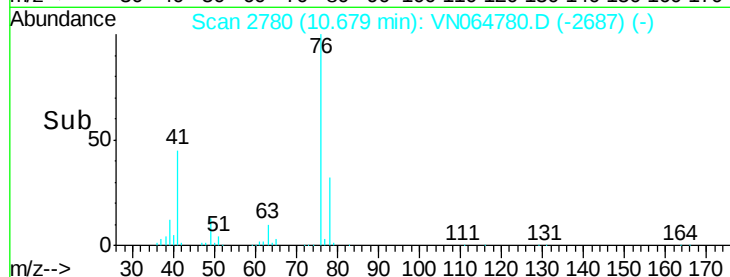
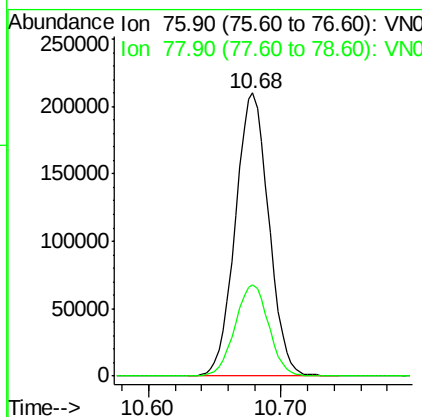
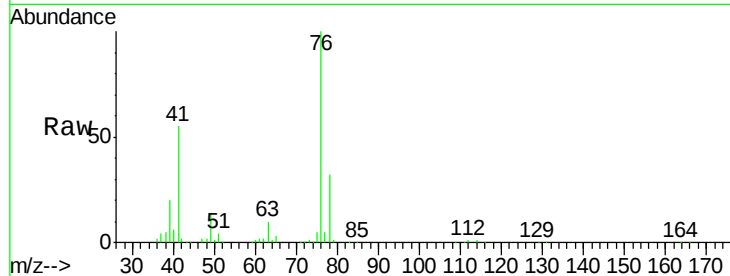




#57
 1,3-Dichloropropane
 Concen: 100.477 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

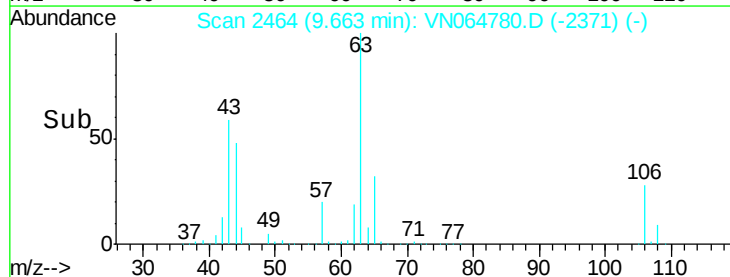
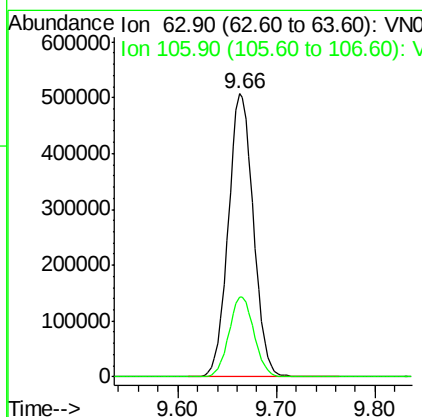
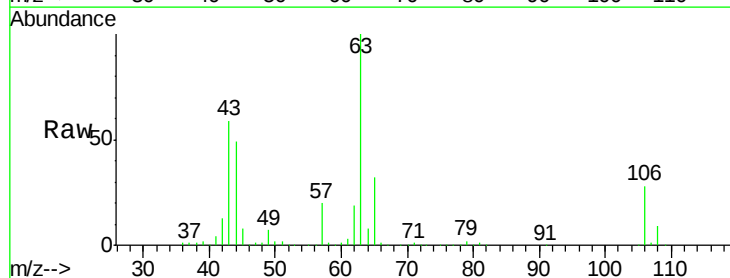
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

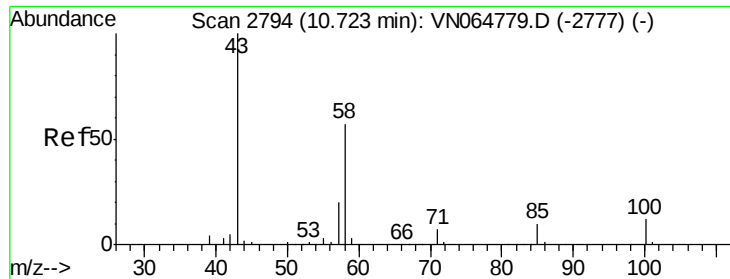
Tgt Ion: 76 Resp: 367517
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 554.826 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

Tgt Ion: 63 Resp: 902030
 Ion Ratio Lower Upper
 63 100
 106 28.3 22.7 34.1

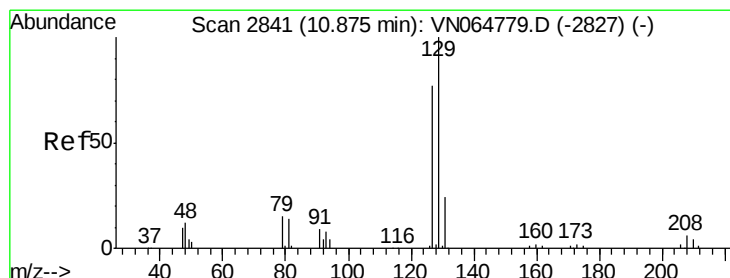
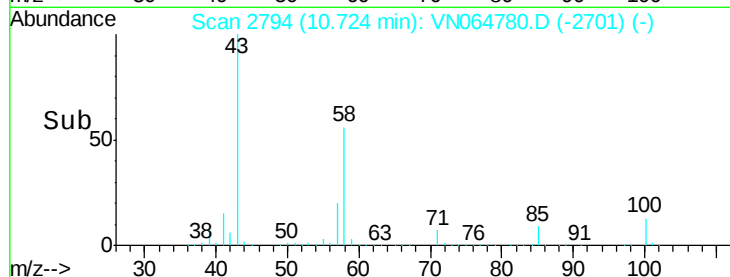
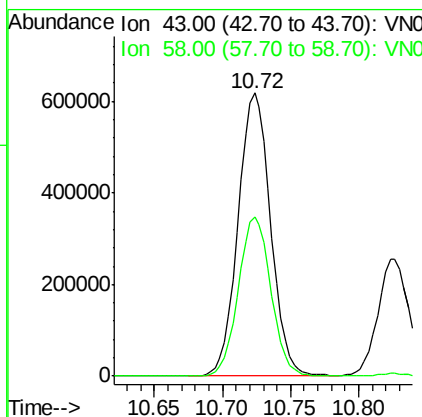
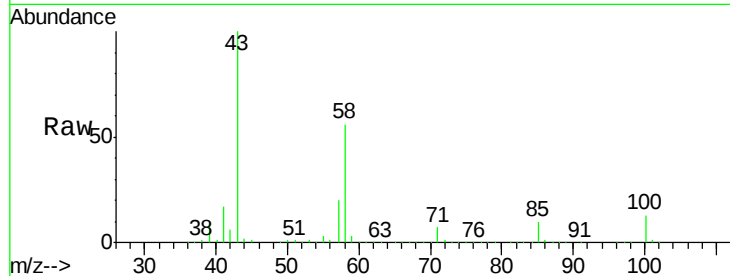




#59
2-Hexanone
Concen: 525.903 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

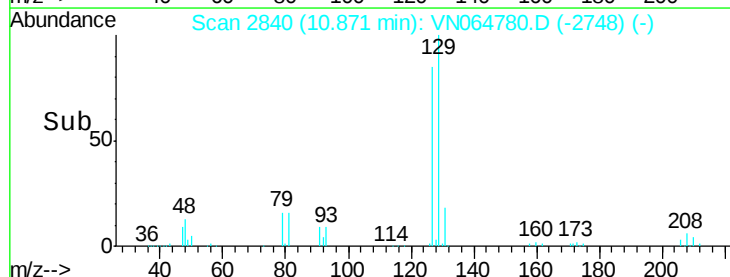
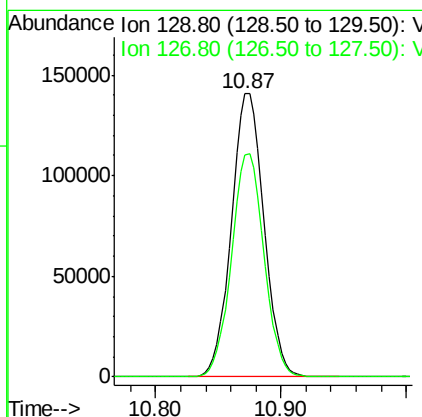
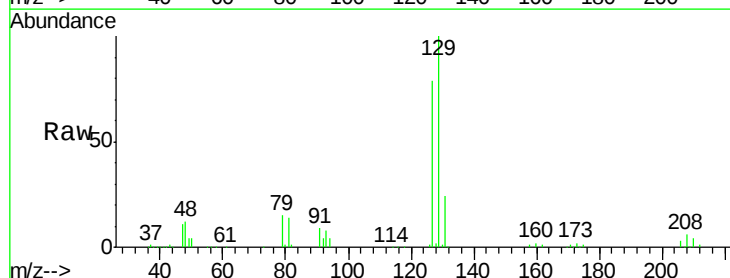
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

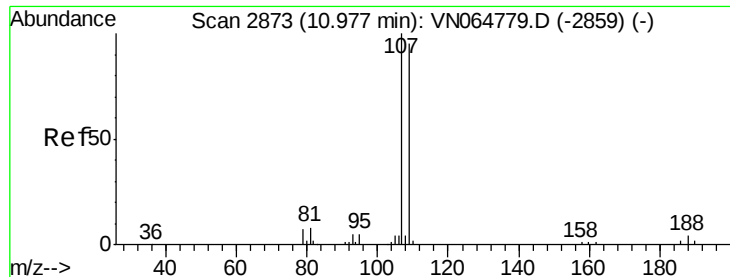
Tgt Ion: 43 Resp: 1020803
Ion Ratio Lower Upper
43 100
58 56.5 28.3 84.9



#60
Dibromochloromethane
Concen: 103.748 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

Tgt Ion: 129 Resp: 254258
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.2

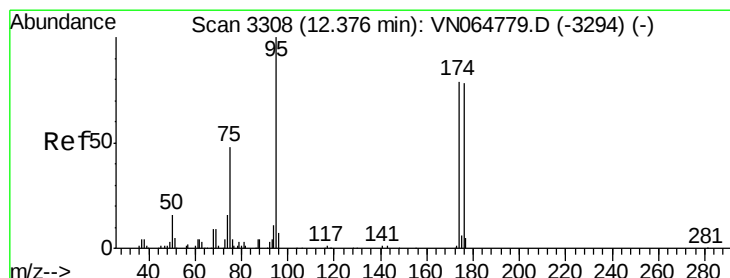
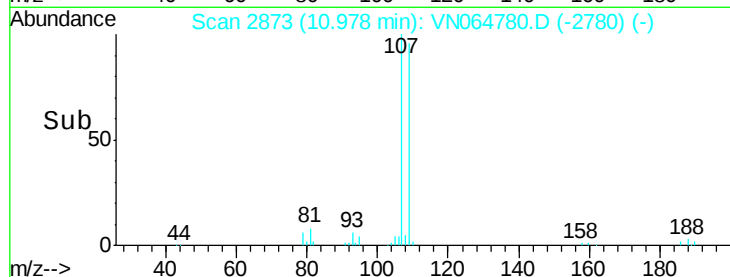
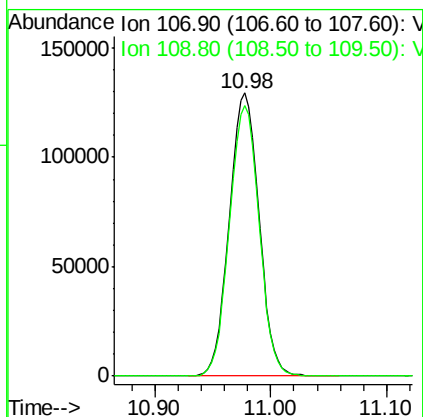
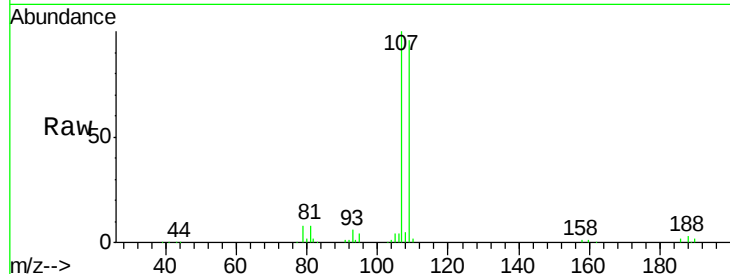




#61
 1,2-Dibromoethane
 Concen: 101.569 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

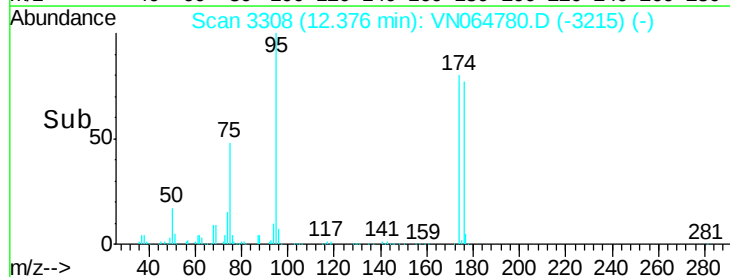
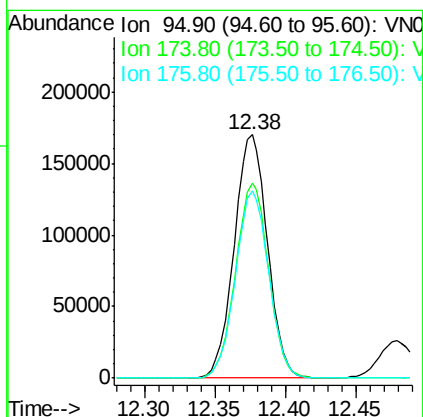
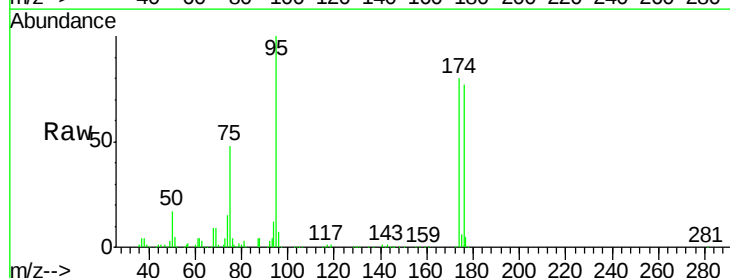
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

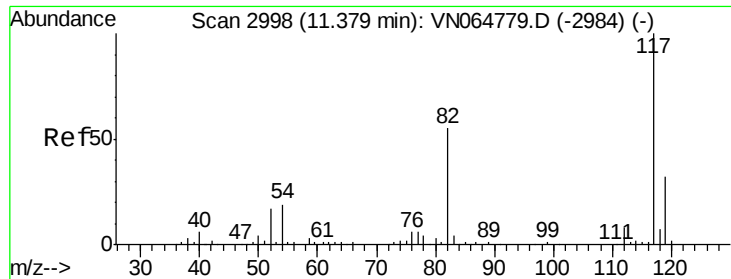
Tgt Ion: 107 Resp: 229369
 Ion Ratio Lower Upper
 107 100
 109 95.5 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 98.611 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

Tgt Ion: 95 Resp: 281548
 Ion Ratio Lower Upper
 95 100
 174 79.8 0.0 160.4
 176 77.1 0.0 158.4

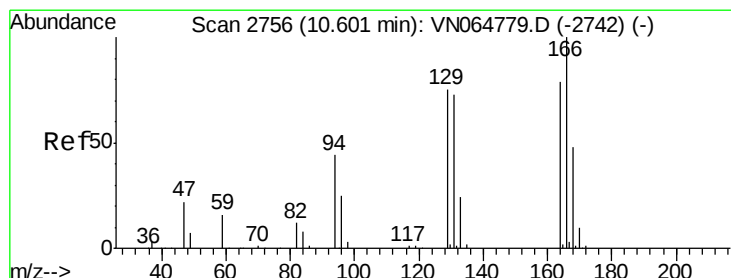
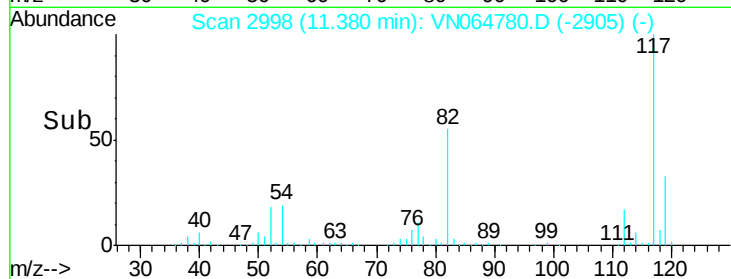
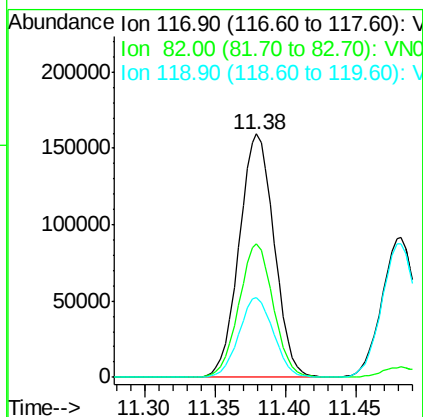
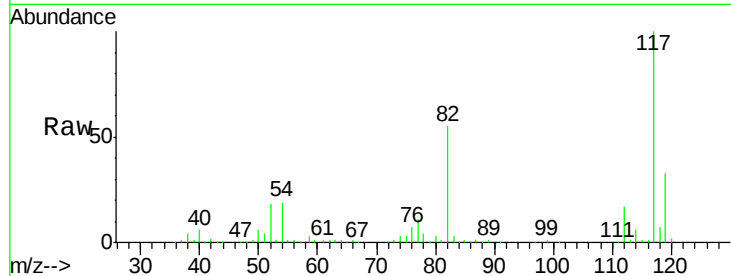




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

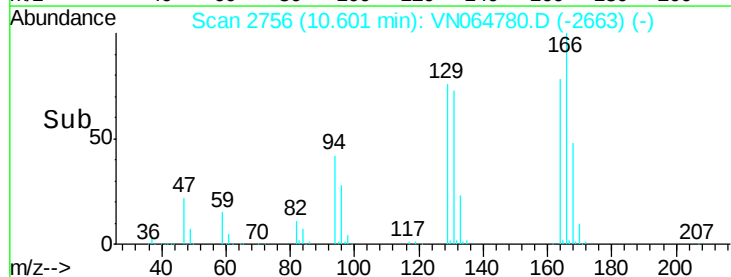
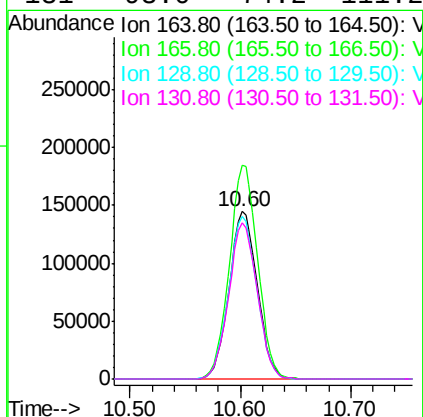
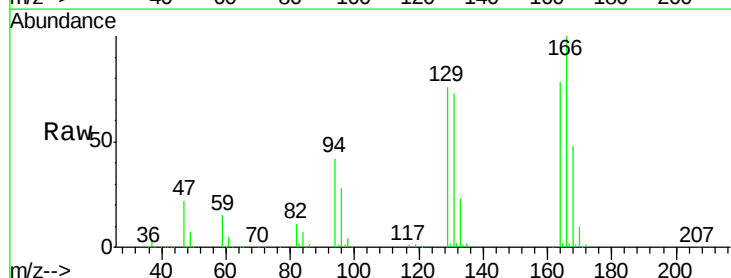
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

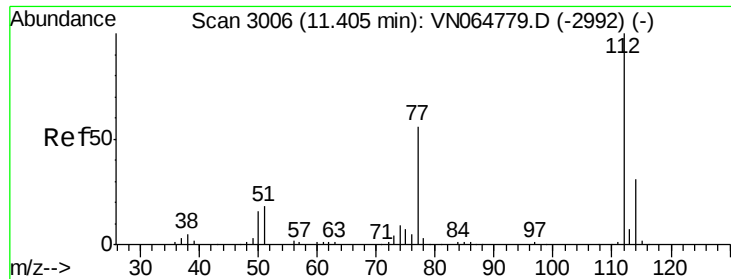
Tgt Ion:117 Resp: 277702
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 32.7 25.8 38.6



#64
Tetrachloroethene
Concen: 103.206 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

Tgt Ion:164 Resp: 256428
Ion Ratio Lower Upper
164 100
166 127.6 101.4 152.0
129 97.3 76.1 114.1
131 93.0 74.2 111.2

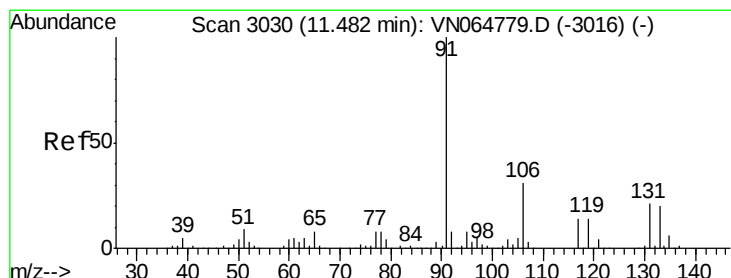
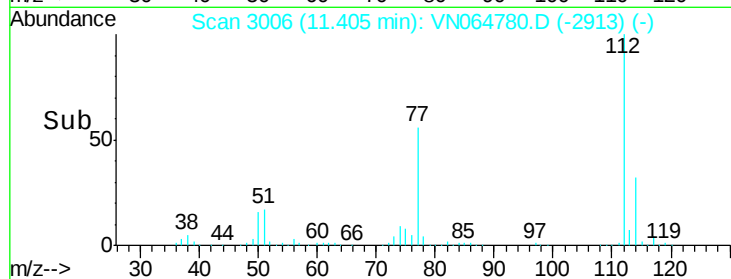
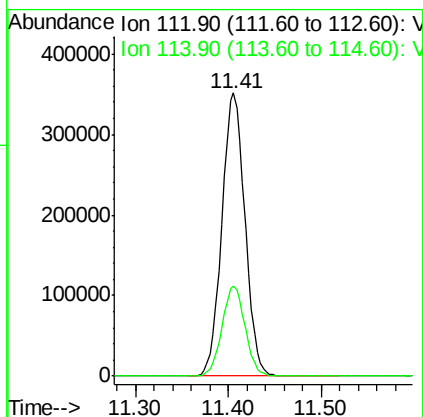
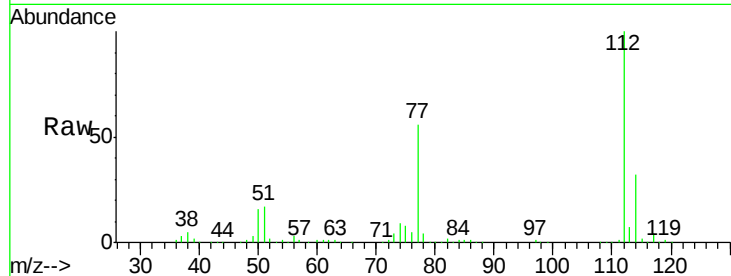




#65
Chlorobenzene
Concen: 103.364 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

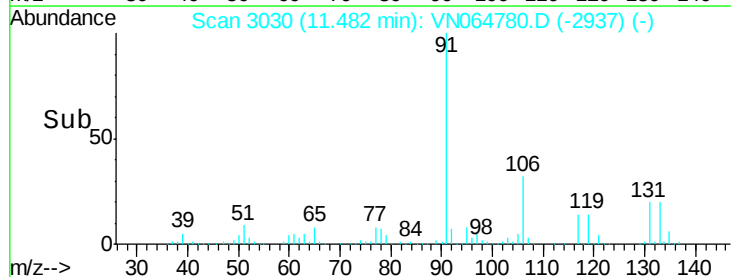
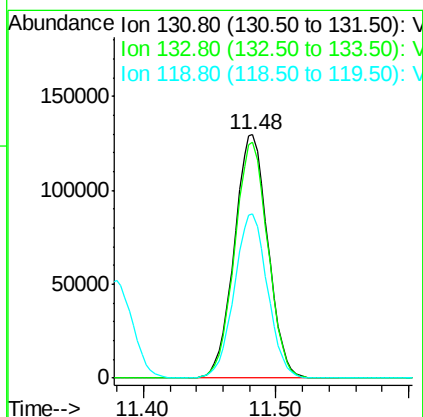
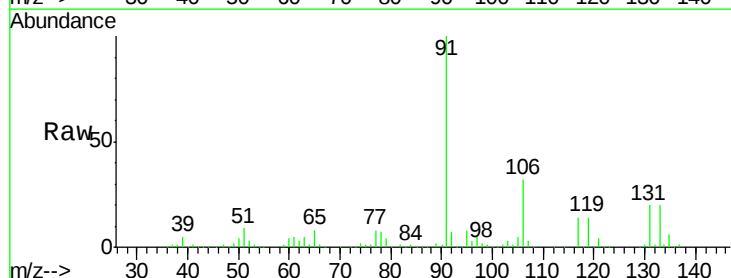
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

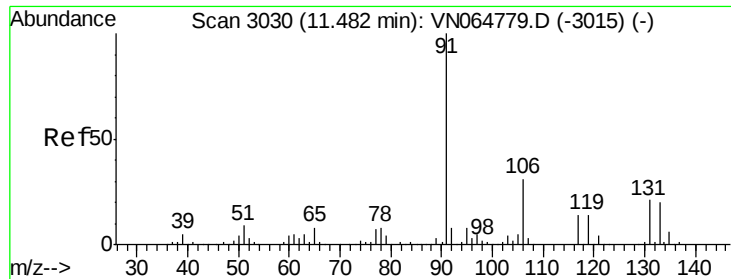
Tgt Ion:112 Resp: 606062
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 103.718 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

Tgt Ion:131 Resp: 228319
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.5
119 66.6 33.3 99.8

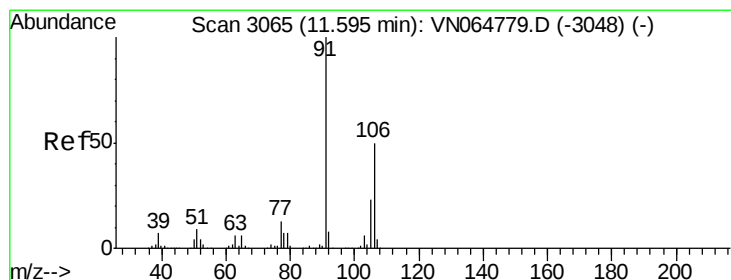
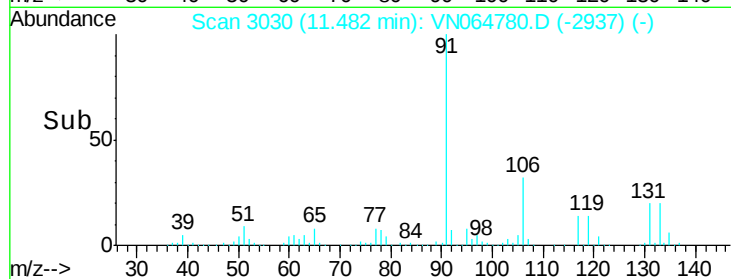
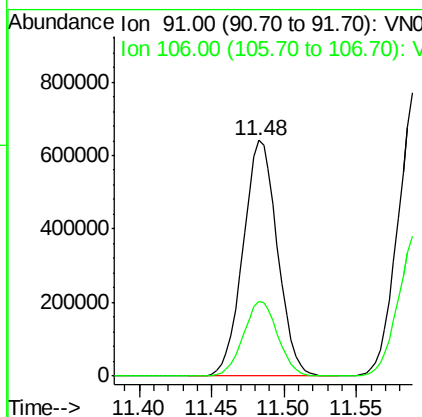
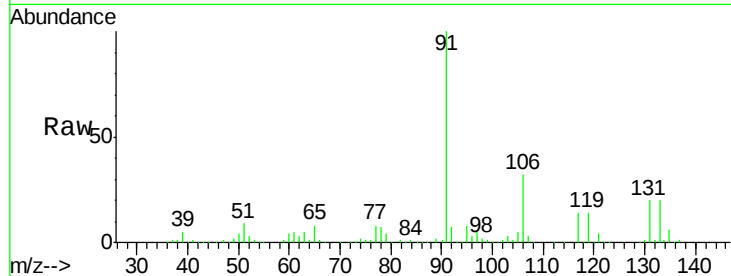




#67
Ethyl Benzene
Concen: 102.684 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

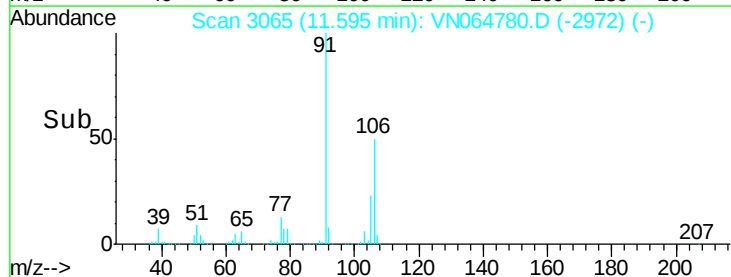
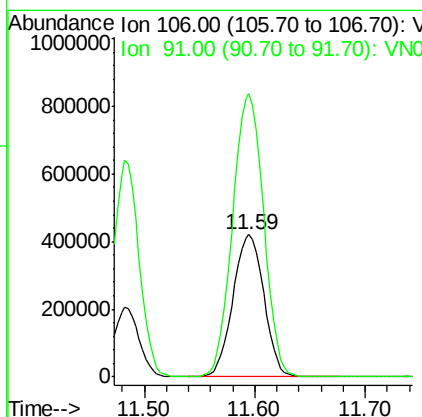
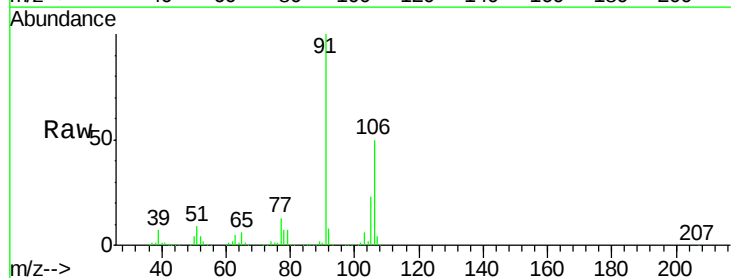
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

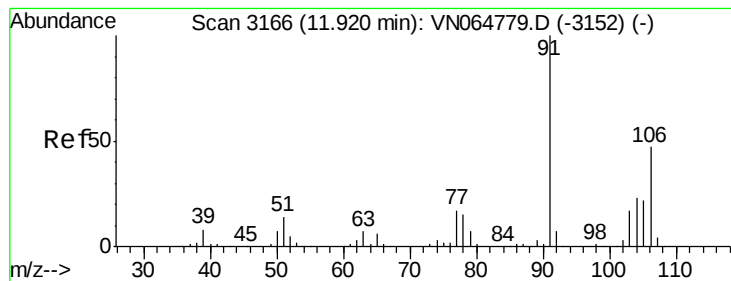
Tgt Ion: 91 Resp: 1055958
Ion Ratio Lower Upper
91 100
106 31.9 25.2 37.8



#68
m/p-Xylenes
Concen: 220.026 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

Tgt Ion: 106 Resp: 817732
Ion Ratio Lower Upper
106 100
91 199.6 161.0 241.4





#69

o-Xylene

Concen: 107.605 ug/l

RT: 11.92 min Scan# 3166

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

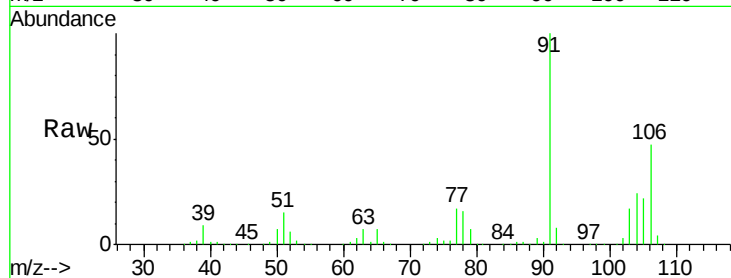
VSTDIC100

Tgt Ion:106 Resp: 388218

Ion Ratio Lower Upper

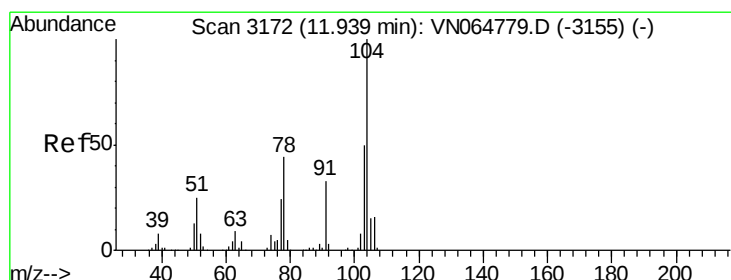
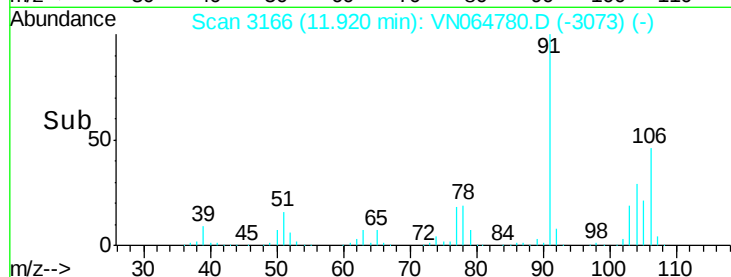
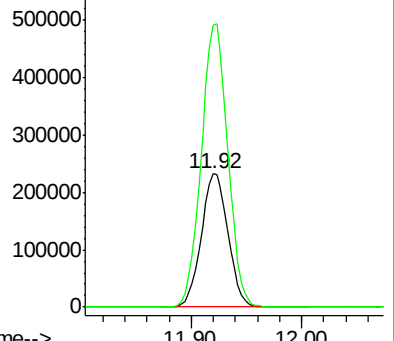
106 100

91 212.0 105.5 316.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 110.482 ug/l

RT: 11.94 min Scan# 3171

Delta R.T. -0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

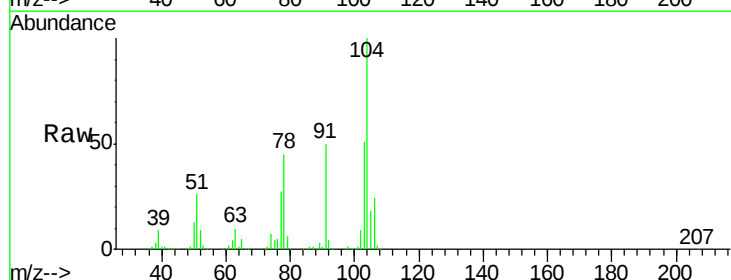
Tgt Ion:104 Resp: 674918

Ion Ratio Lower Upper

104 100

78 48.7 39.0 58.6

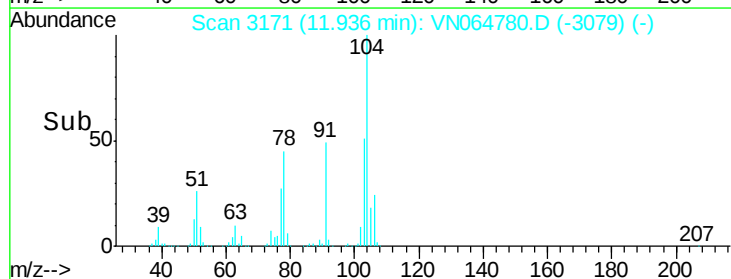
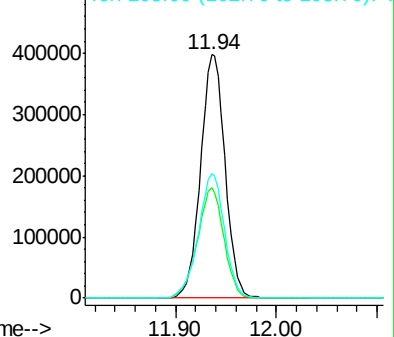
103 54.4 44.3 66.5

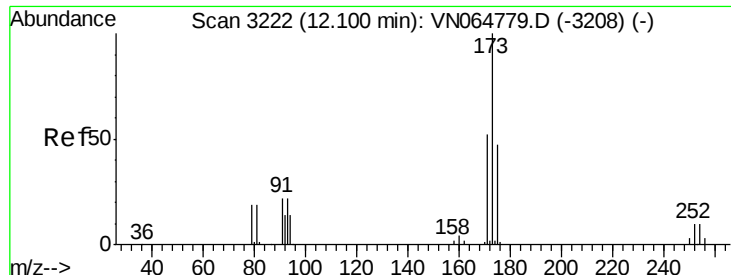


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 118.330 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

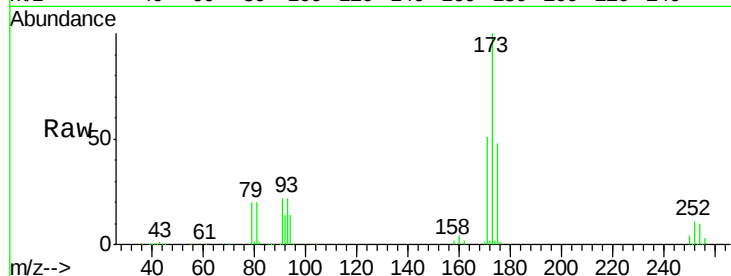
Tgt Ion:173 Resp: 182851

Ion Ratio Lower Upper

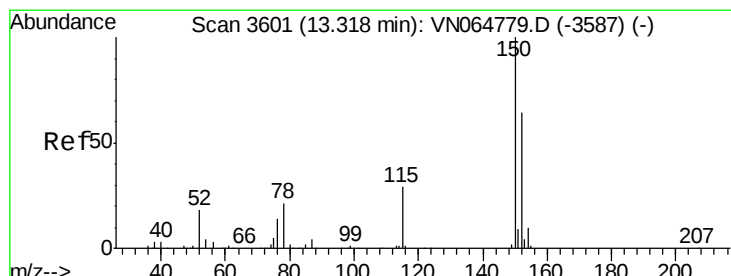
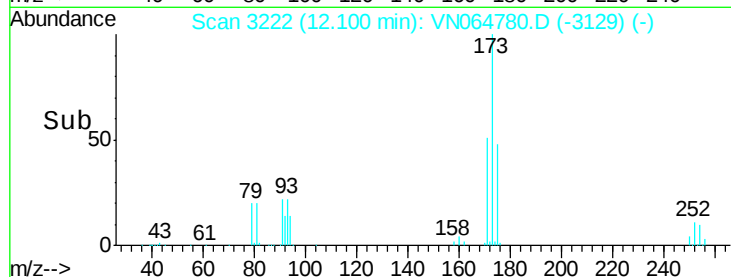
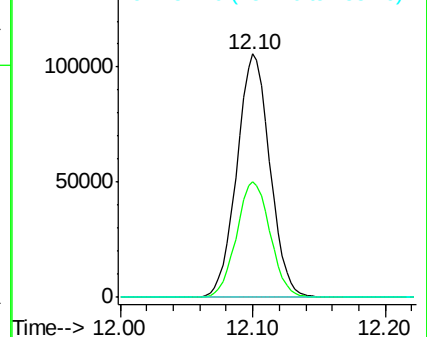
173 100

175 48.4 24.3 72.8

254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

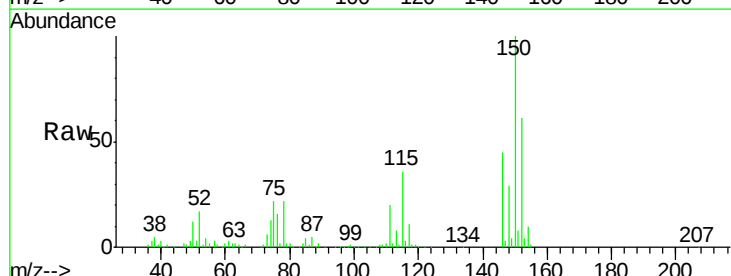
Tgt Ion:152 Resp: 142636

Ion Ratio Lower Upper

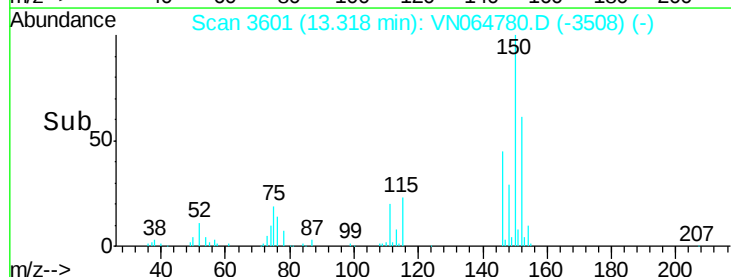
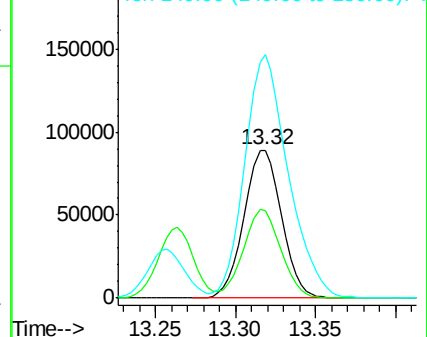
152 100

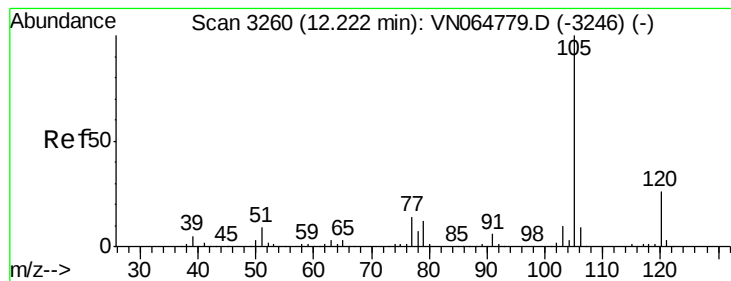
115 59.2 29.7 89.1

150 191.0 0.0 350.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 102.158 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

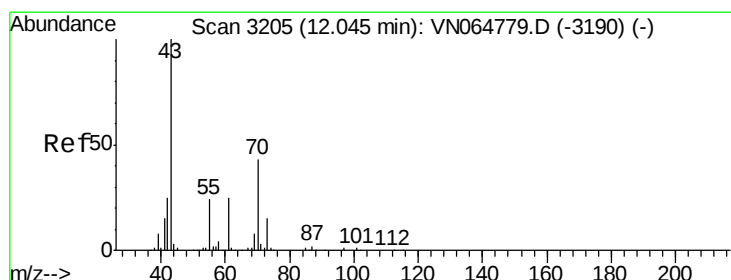
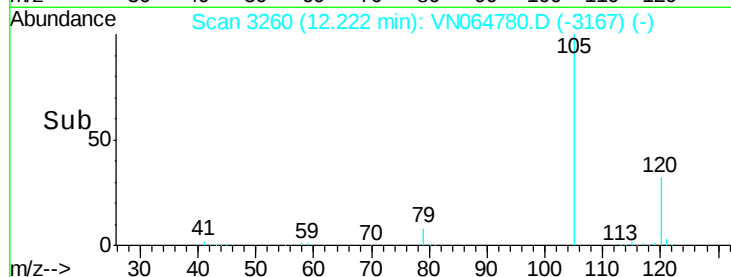
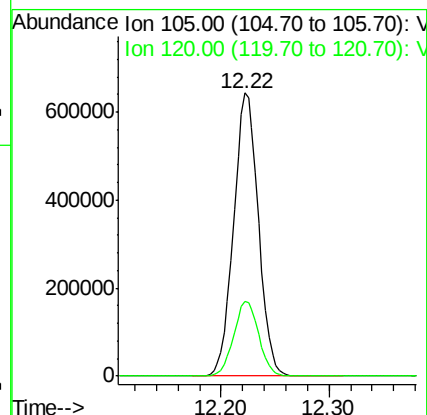
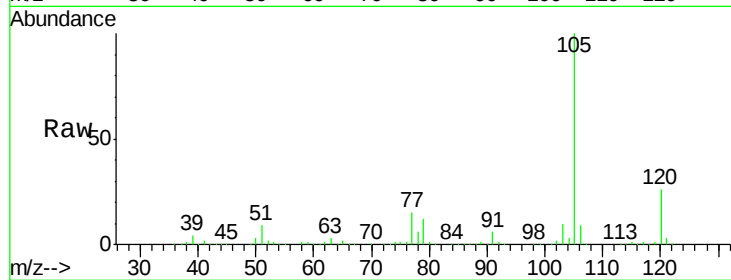
VSTDIC100

Tgt Ion:105 Resp: 1029593

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 90.888 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Tgt Ion: 43 Resp: 416865

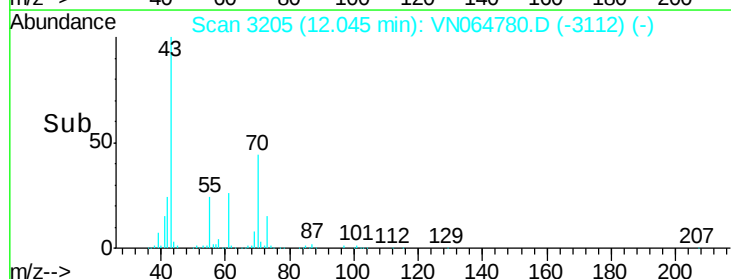
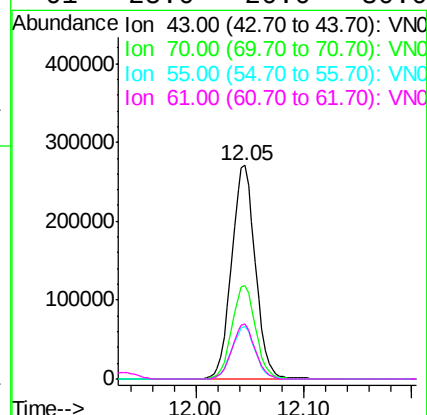
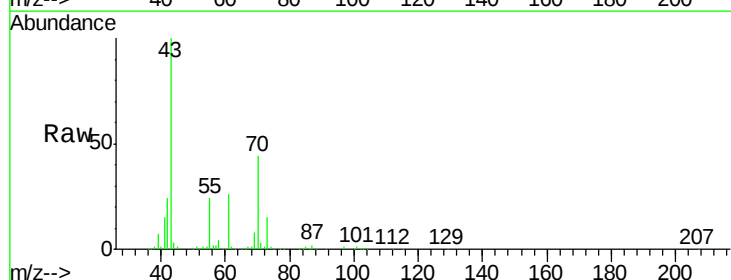
Ion Ratio Lower Upper

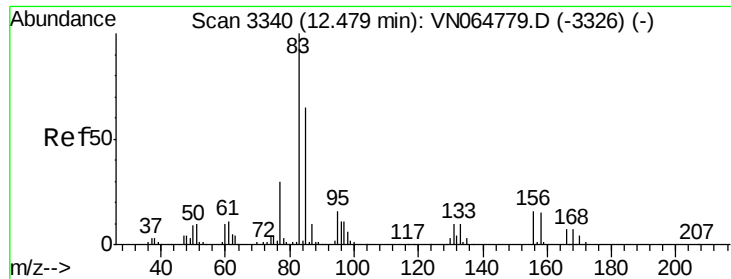
43 100

70 43.8 34.5 51.7

55 24.4 20.4 30.6

61 25.0 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 101.334 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

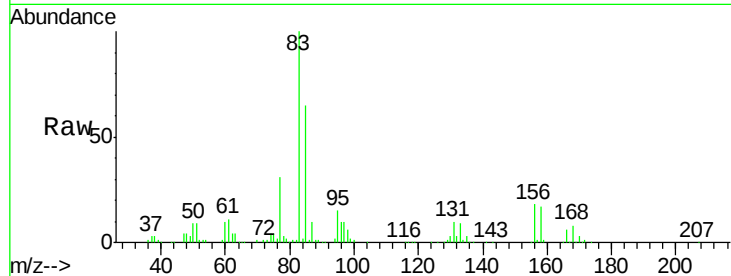
Tgt Ion: 83 Resp: 286897

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

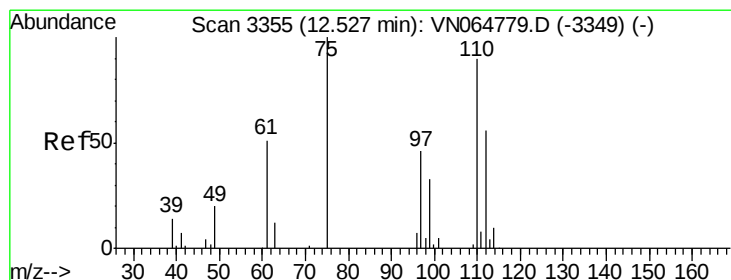
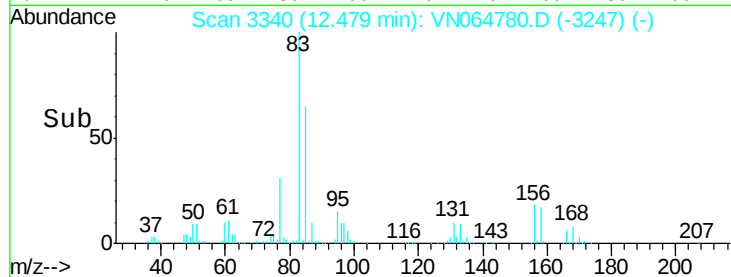
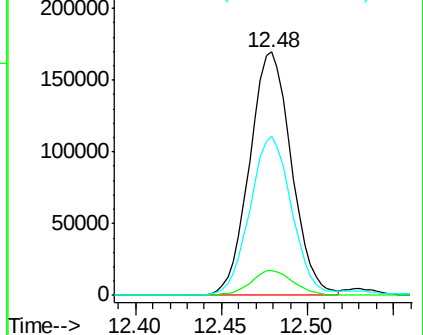
85 64.9 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 139.097 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064780.D

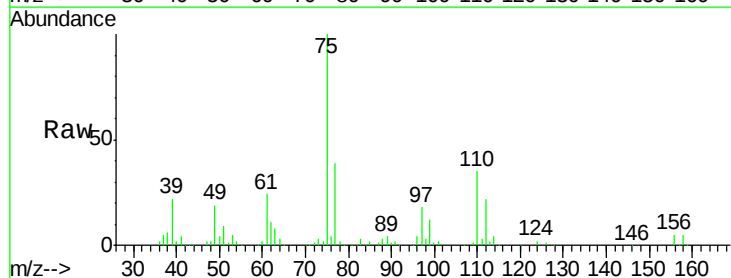
Acq: 23 Nov 2020 13:06

Tgt Ion: 75 Resp: 425658

Ion Ratio Lower Upper

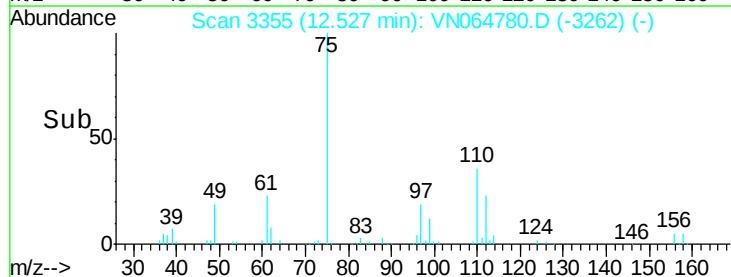
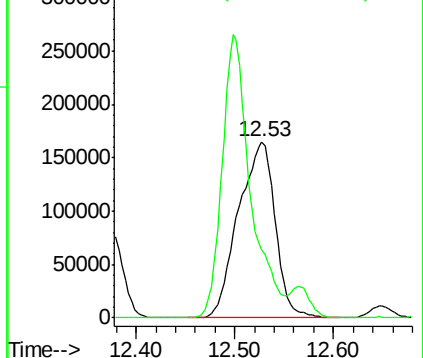
75 100

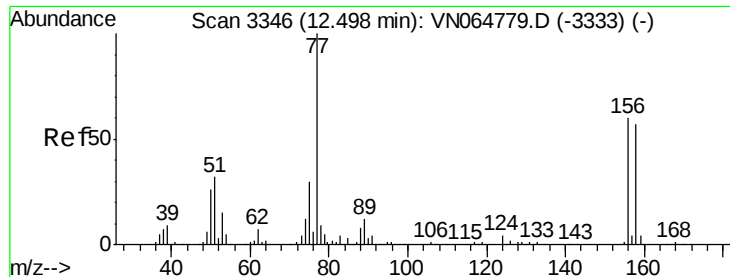
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 101.435 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

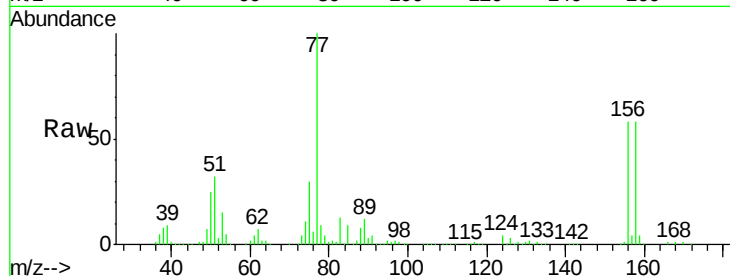
Tgt Ion:156 Resp: 259899

Ion Ratio Lower Upper

156 100

77 205.7 101.3 303.7

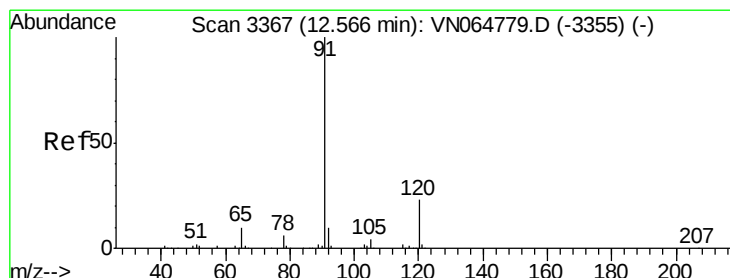
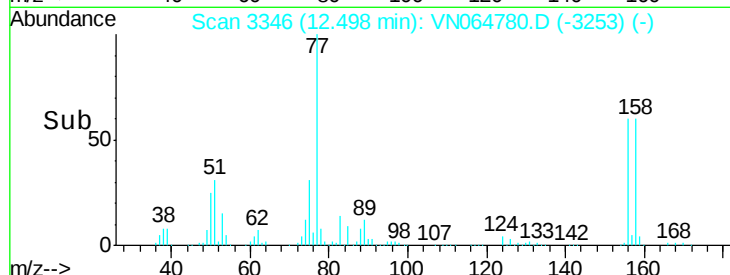
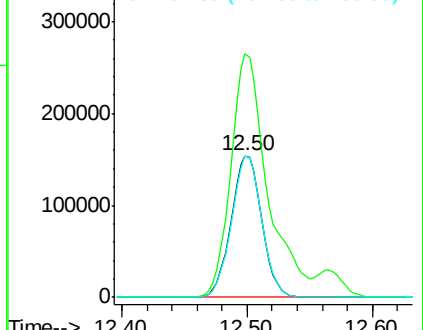
158 98.8 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 102.019 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064780.D

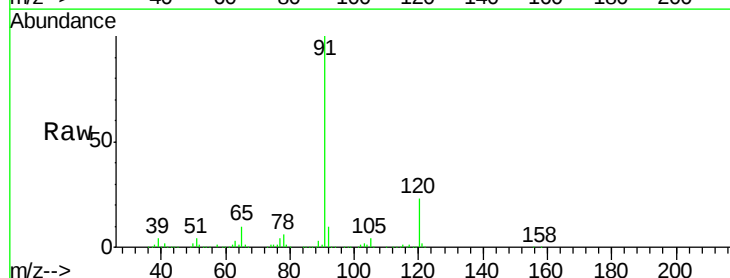
Acq: 23 Nov 2020 13:06

Tgt Ion: 91 Resp: 1193186

Ion Ratio Lower Upper

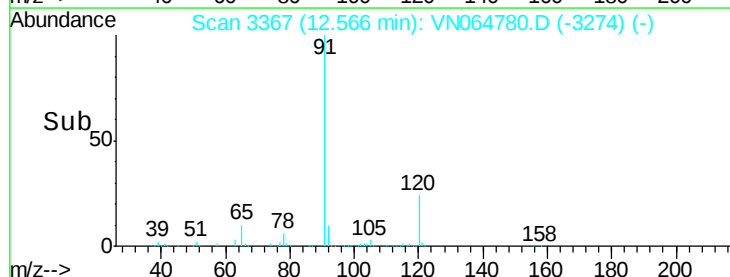
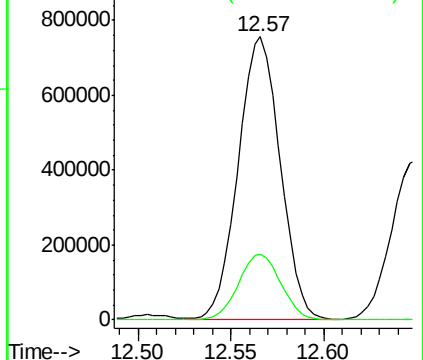
91 100

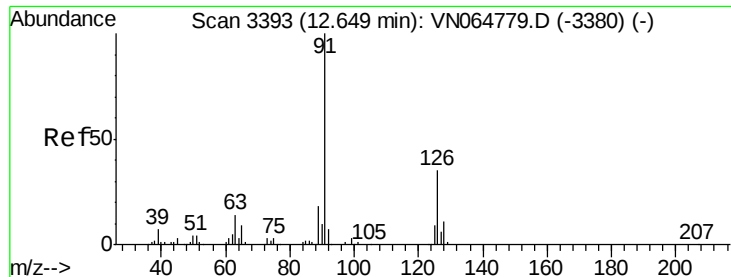
120 23.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 94.668 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

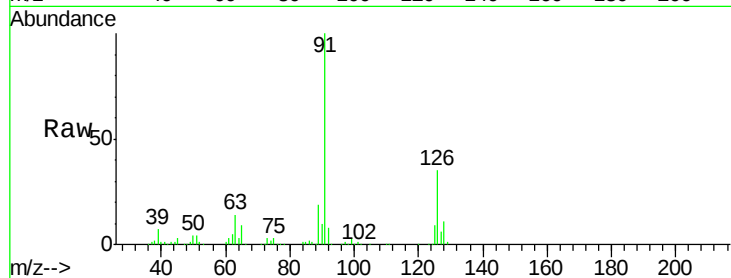
VSTDIC100

Tgt Ion: 91 Resp: 704504

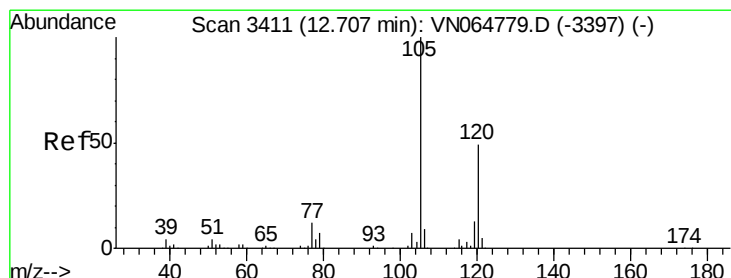
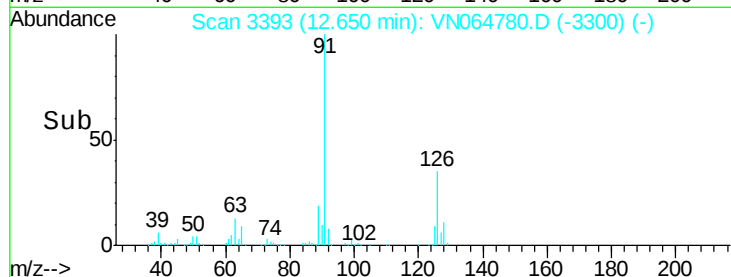
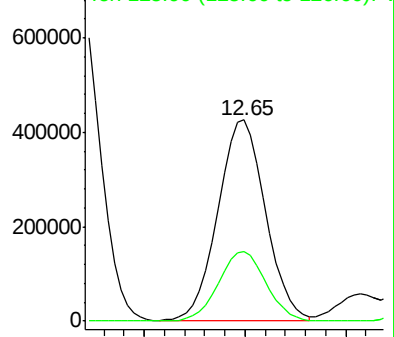
Ion Ratio Lower Upper

91 100

126 34.7 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 106.008 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064780.D

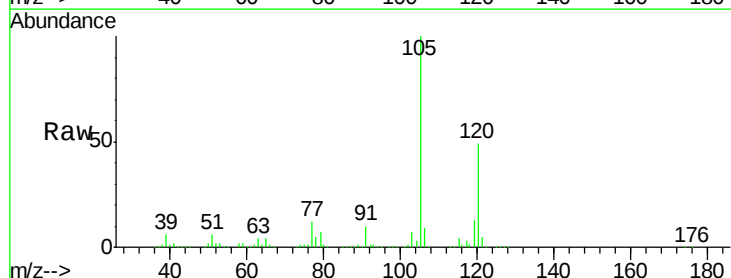
Acq: 23 Nov 2020 13:06

Tgt Ion: 105 Resp: 886553

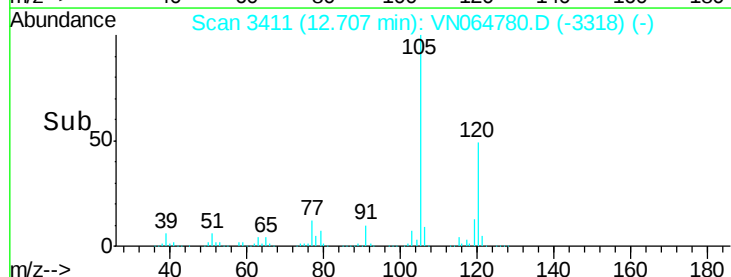
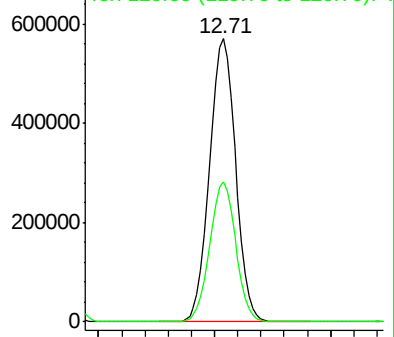
Ion Ratio Lower Upper

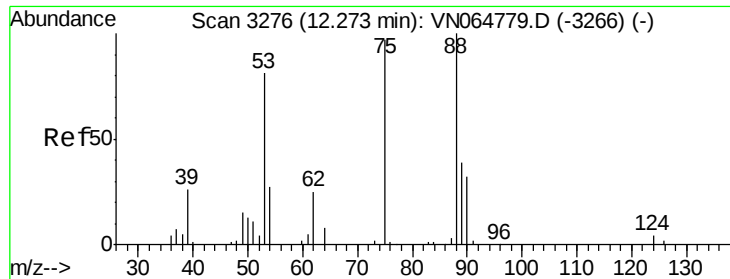
105 100

120 49.2 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 107.983 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

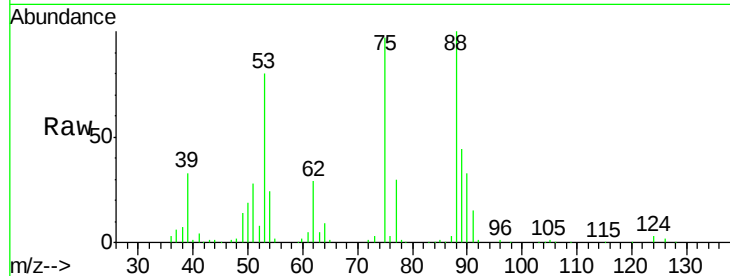
Tgt Ion: 75 Resp: 119543

Ion Ratio Lower Upper

75 100

53 82.0 67.0 100.4

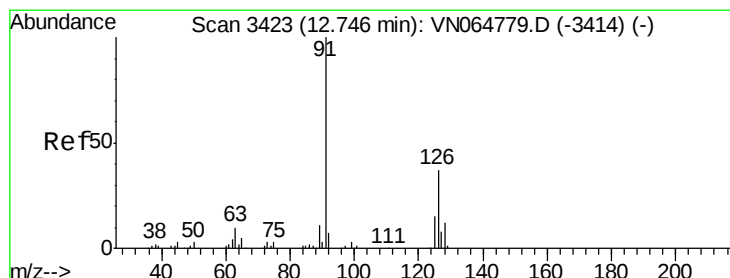
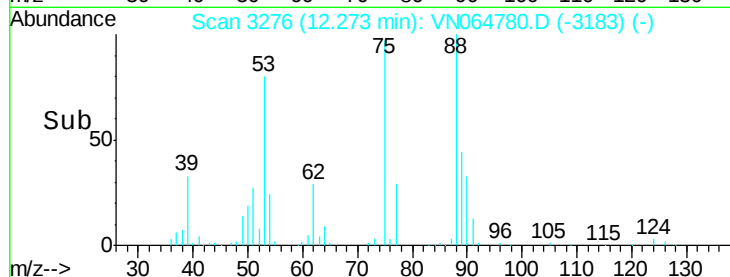
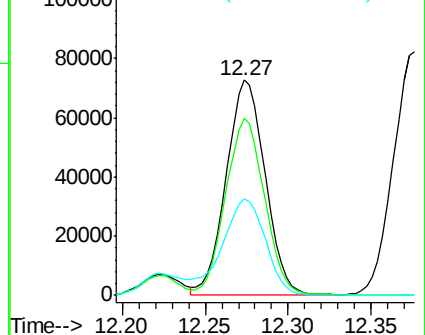
89 49.3 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 93.645 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064780.D

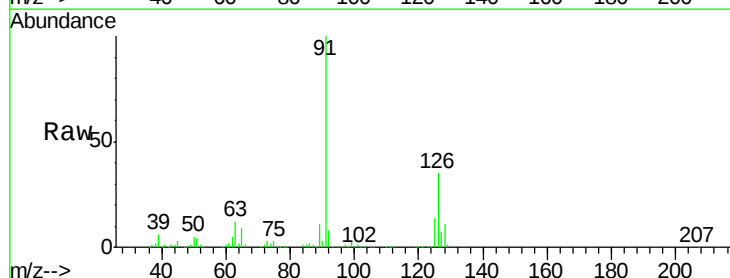
Acq: 23 Nov 2020 13:06

Tgt Ion: 91 Resp: 739764

Ion Ratio Lower Upper

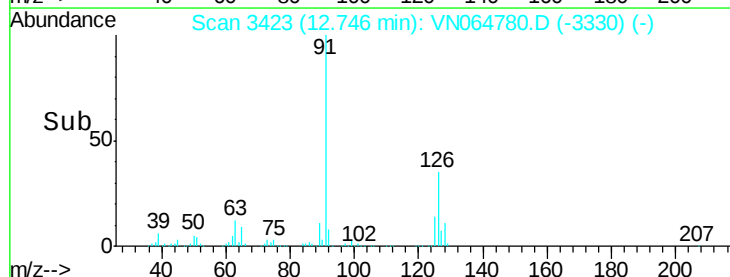
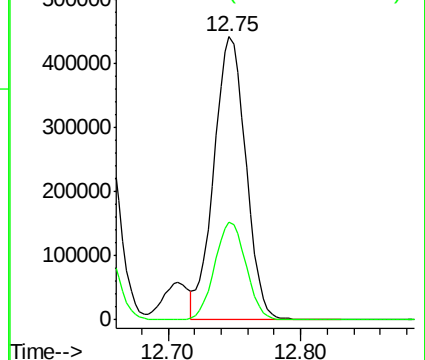
91 100

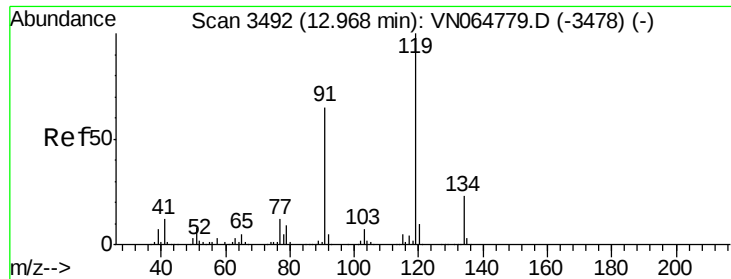
126 34.1 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

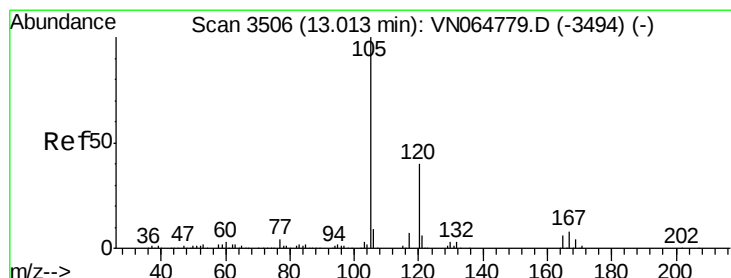
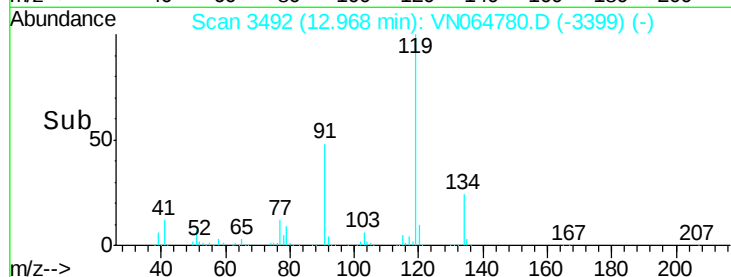
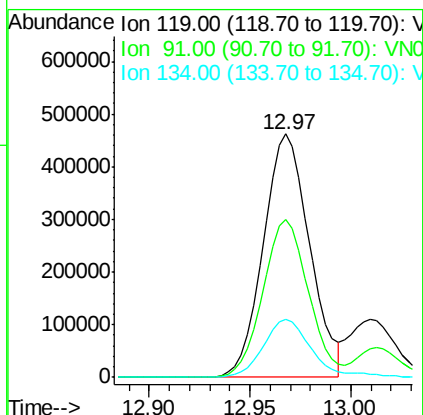
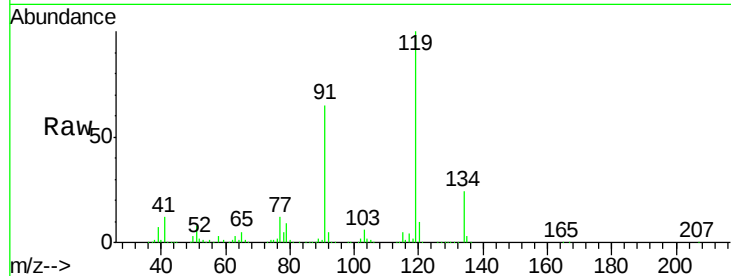




#83
 tert-Butylbenzene
 Concen: 112.855 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

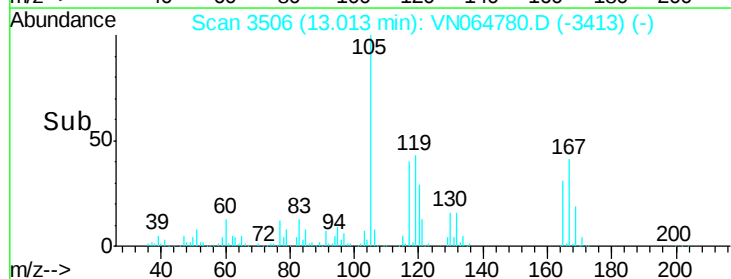
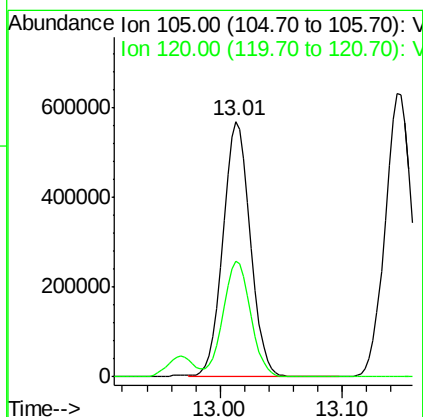
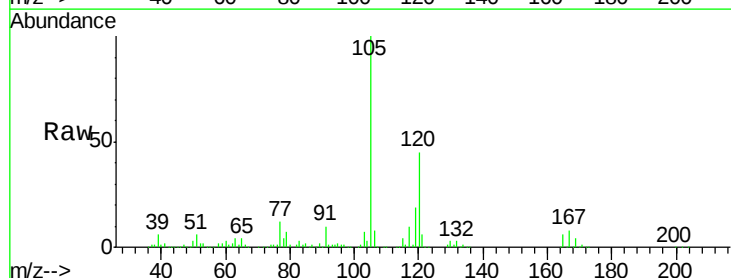
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

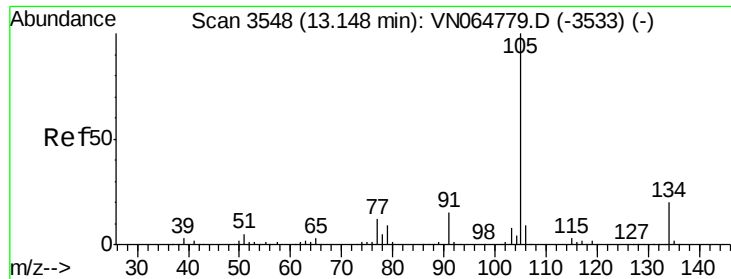
Tgt Ion:119 Resp: 737149
 Ion Ratio Lower Upper
 119 100
 91 64.0 32.3 96.8
 134 24.9 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 105.025 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

Tgt Ion:105 Resp: 894239
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.2

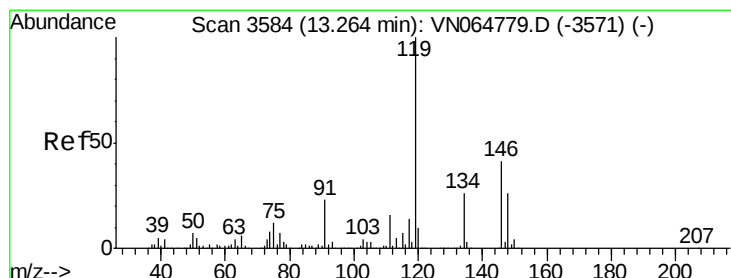
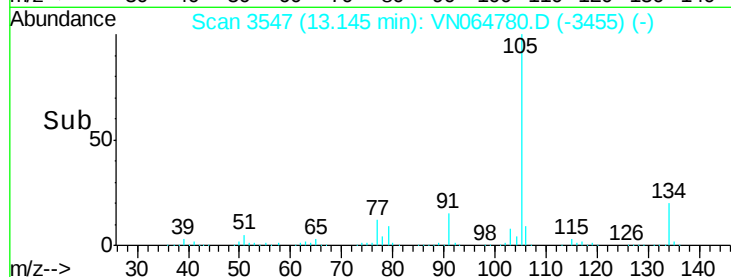
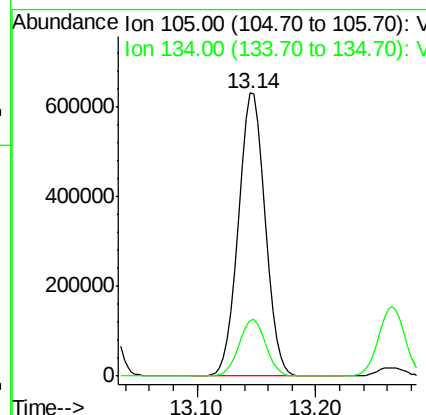
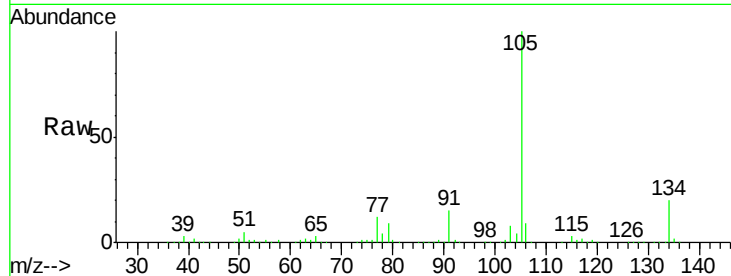




#85
 sec-Butylbenzene
 Concen: 112.871 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

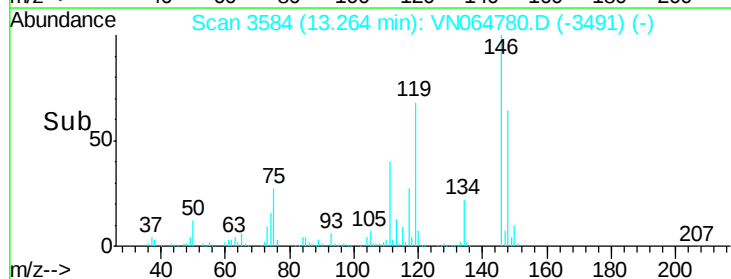
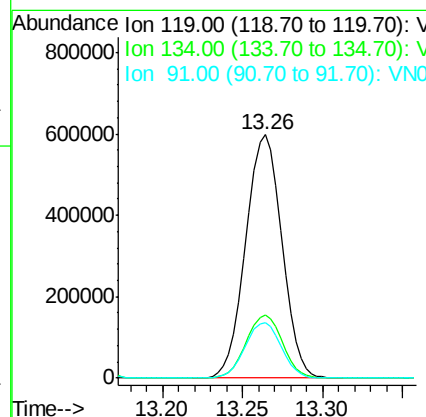
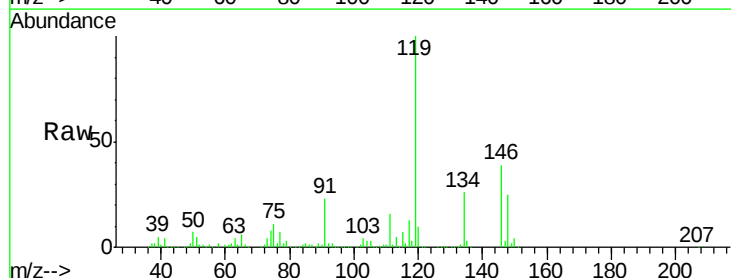
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

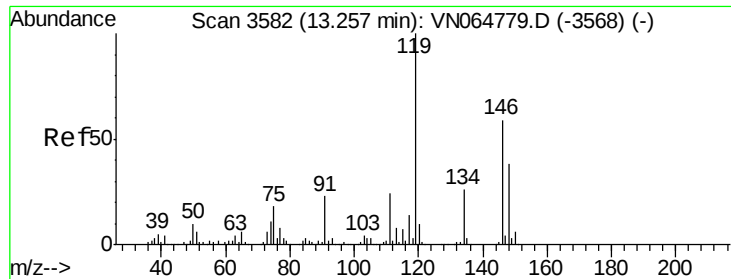
Tgt Ion:105 Resp: 984859
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 114.460 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

Tgt Ion:119 Resp: 920374
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 22.7 11.5 34.5

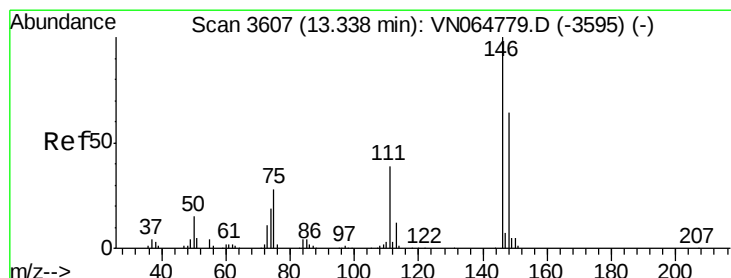
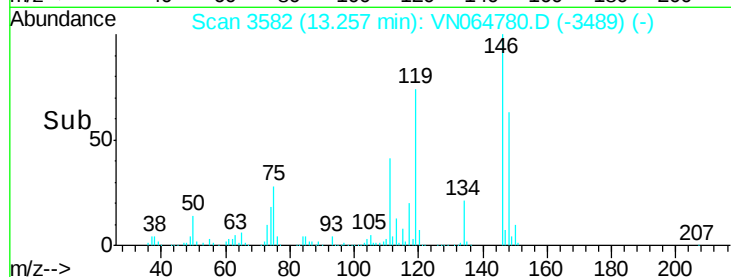
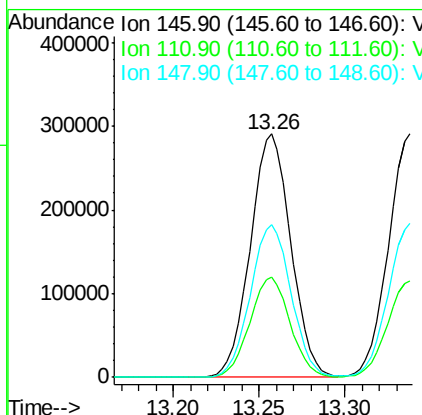
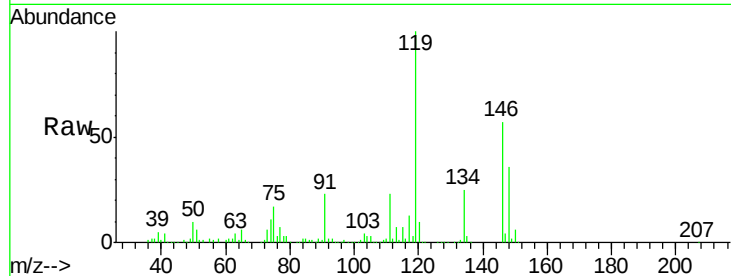




#87
 1,3-Dichlorobenzene
 Concen: 102.024 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

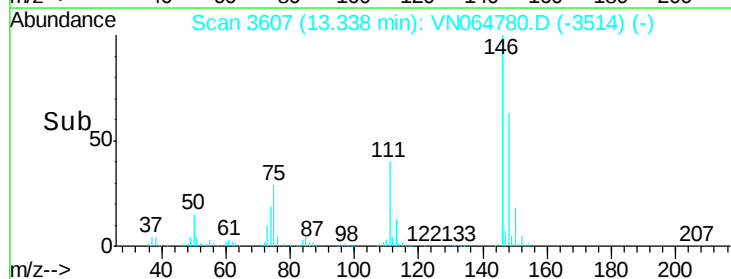
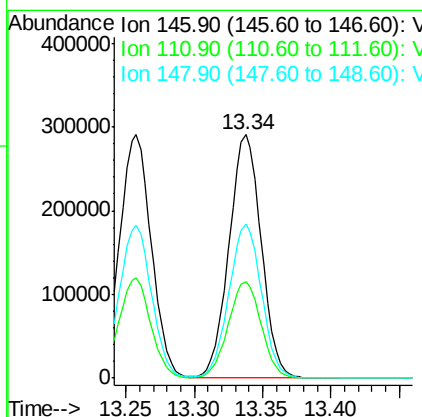
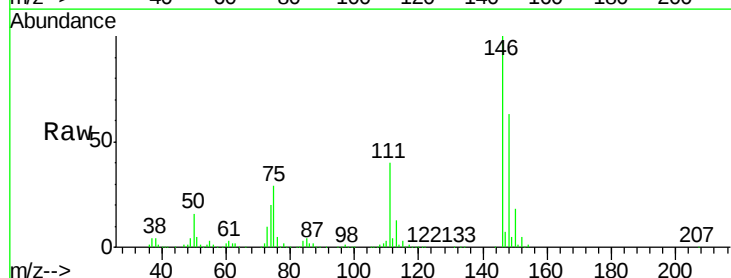
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

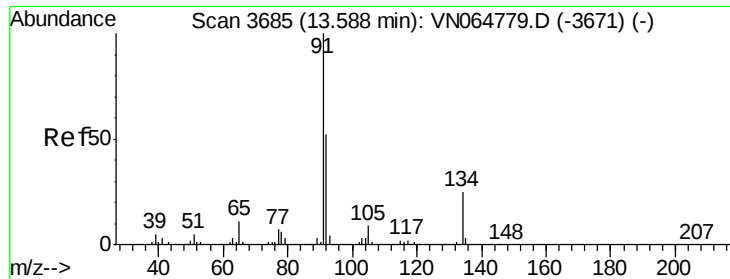
Tgt Ion:146 Resp: 474106
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.6 61.9
 148 63.1 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 99.563 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

Tgt Ion:146 Resp: 476150
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.8 59.3
 148 63.8 31.9 95.5

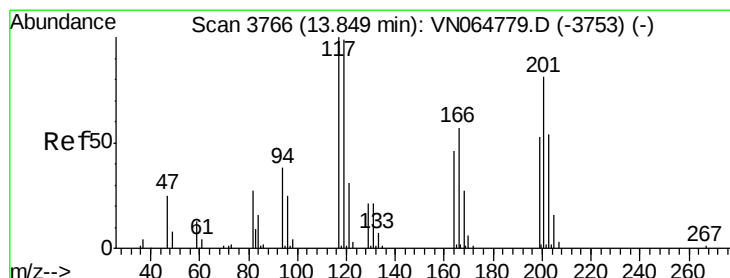
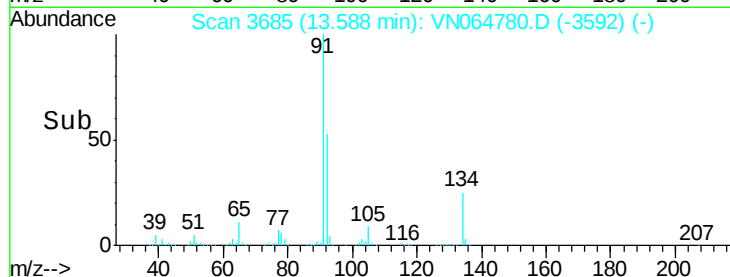
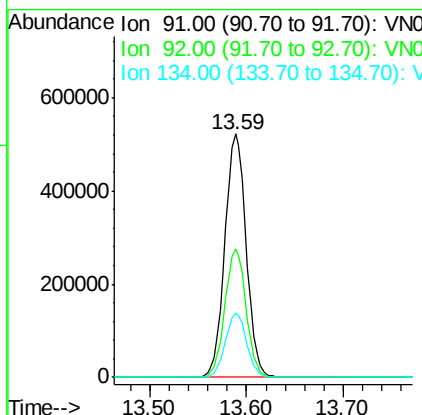
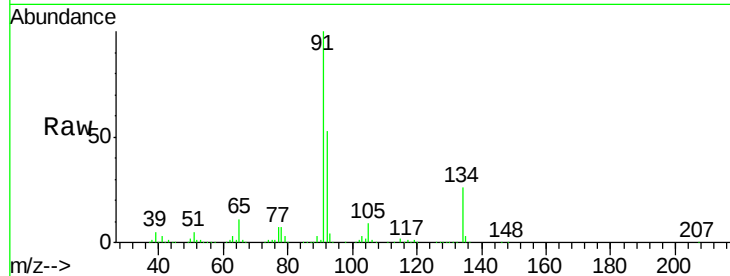




#89
n-Butylbenzene
Concen: 107.587 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

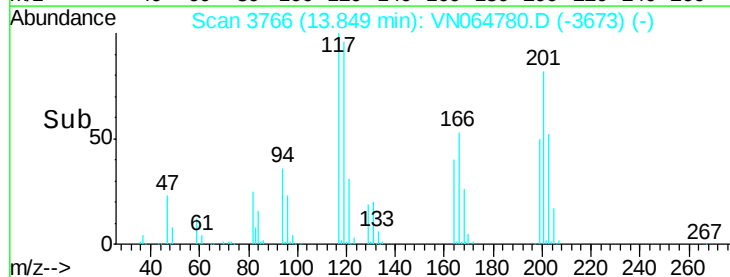
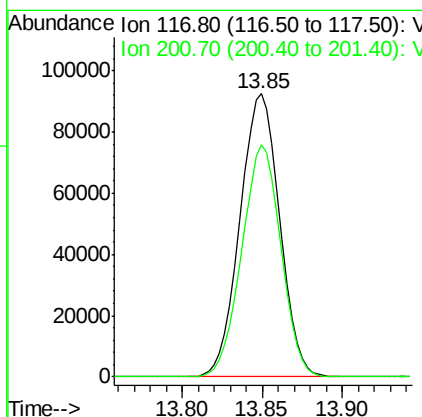
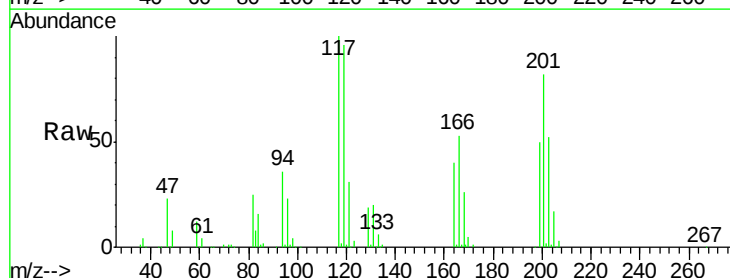
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

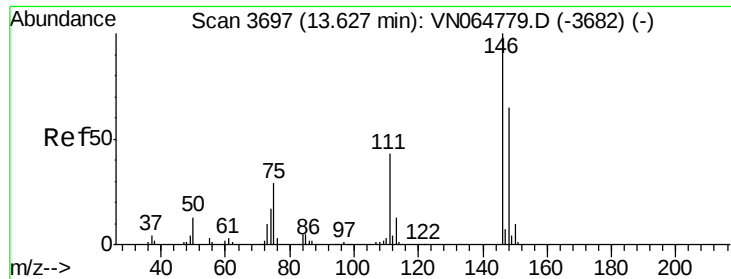
Tgt Ion: 91 Resp: 797827
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 26.3 12.9 38.6



#90
Hexachloroethane
Concen: 116.650 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

Tgt Ion: 117 Resp: 156375
Ion Ratio Lower Upper
117 100
201 80.8 40.1 120.3





#91

1,2-Dichlorobenzene

Concen: 101.354 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

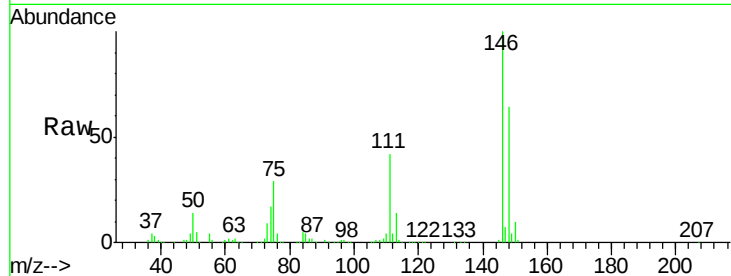
Tgt Ion:146 Resp: 462003

Ion Ratio Lower Upper

146 100

111 42.5 21.1 63.1

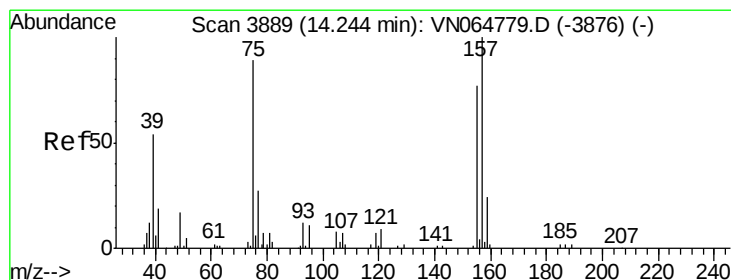
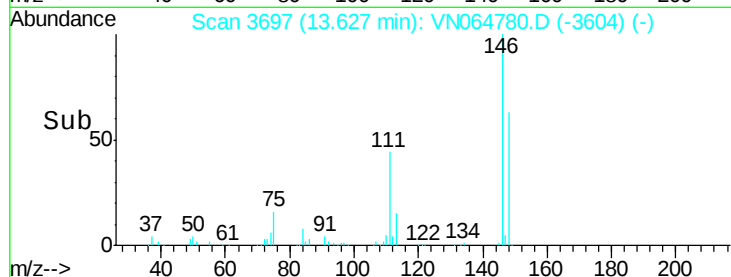
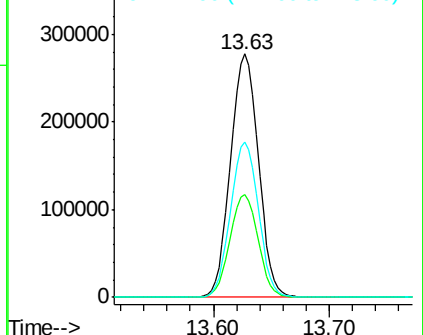
148 63.6 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 90.463 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064780.D

Acq: 23 Nov 2020 13:06

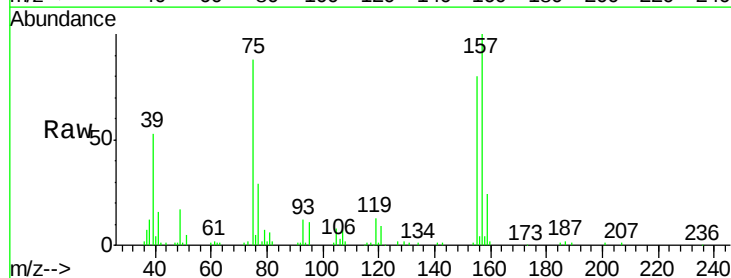
Tgt Ion: 75 Resp: 65946

Ion Ratio Lower Upper

75 100

155 87.8 42.8 128.3

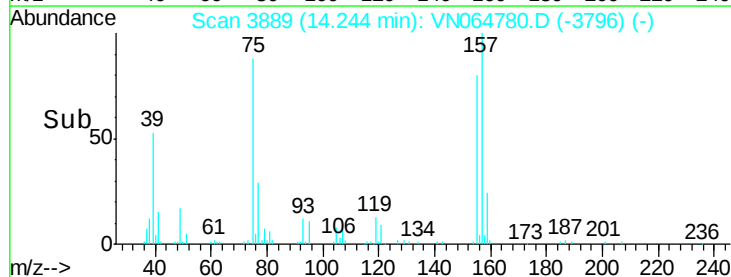
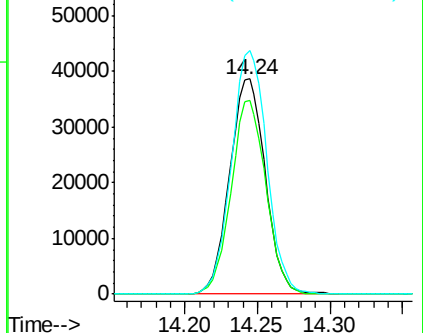
157 112.6 56.4 169.1

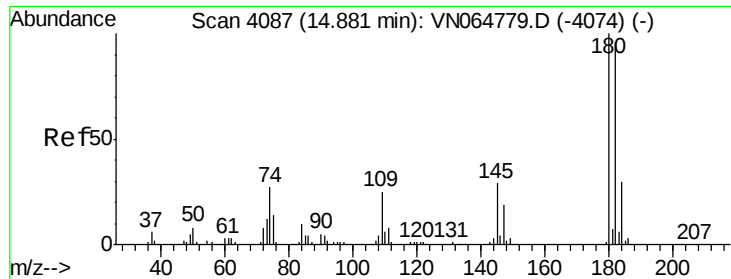


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

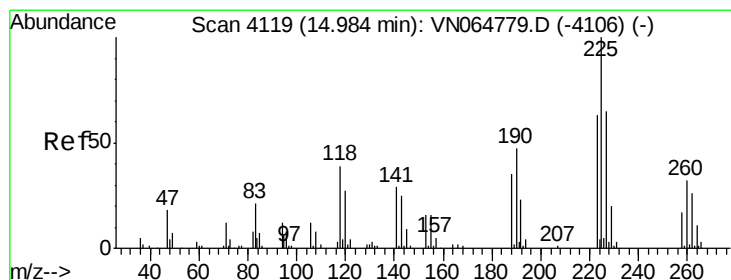
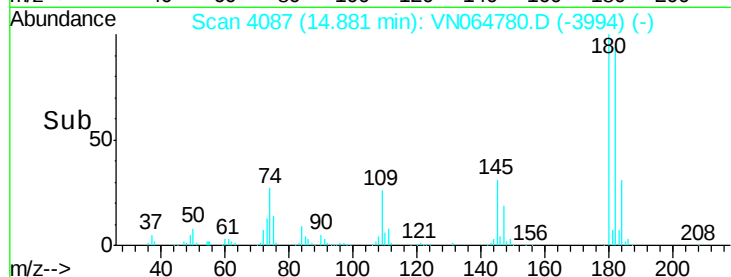
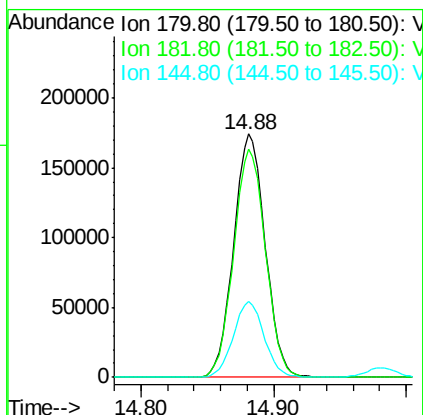
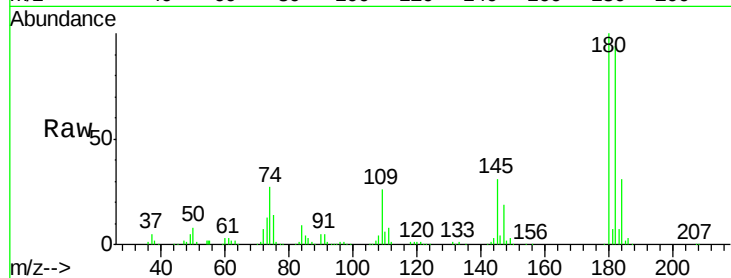




#93
 1,2,4-Trichlorobenzene
 Concen: 112.649 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

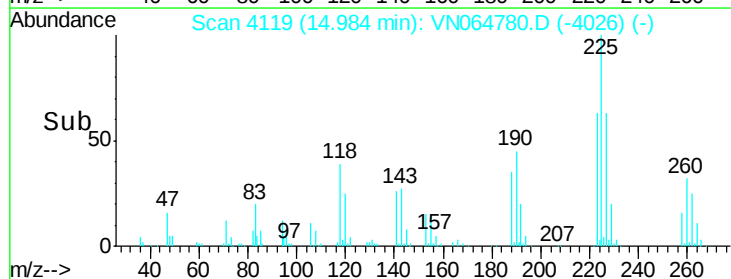
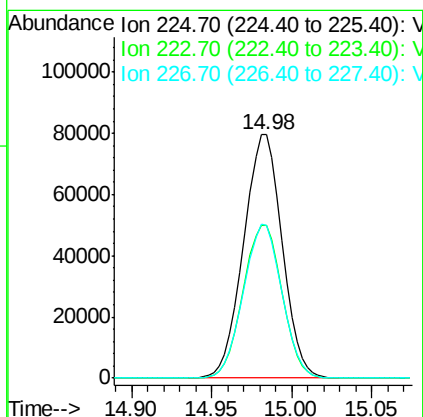
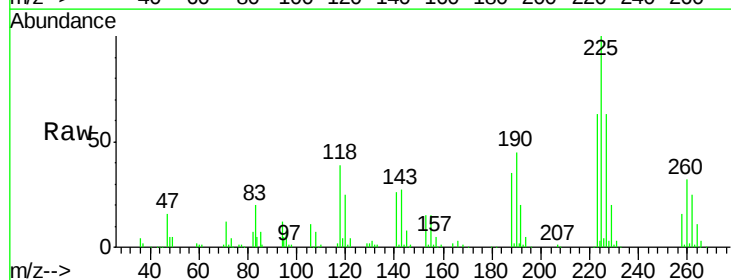
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

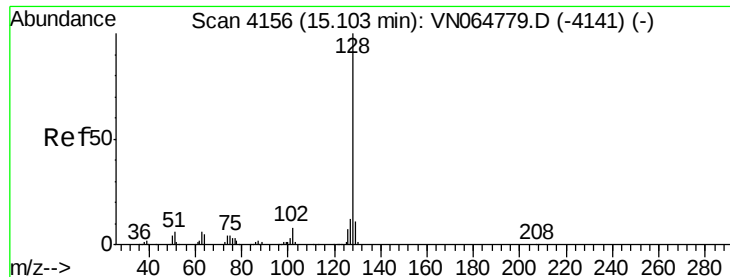
Tgt Ion:180 Resp: 287265
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.6 142.9
 145 30.6 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 101.478 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064780.D
 Acq: 23 Nov 2020 13:06

Tgt Ion:225 Resp: 130936
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.0 93.0
 227 63.1 32.0 96.0

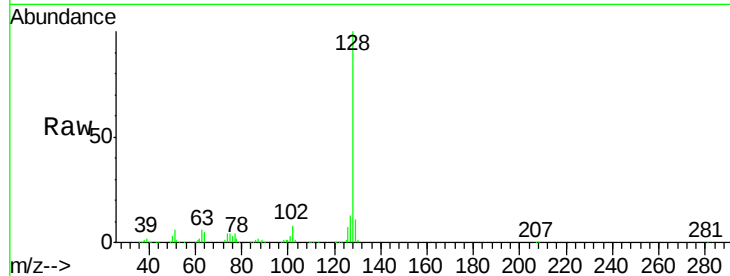




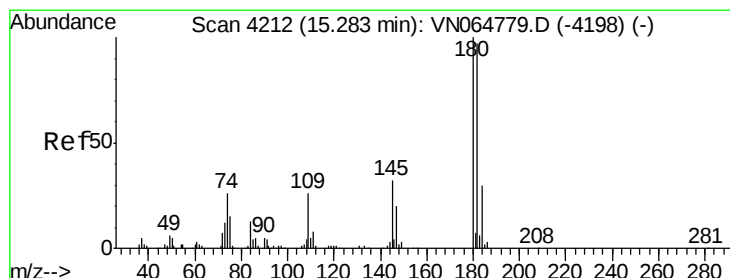
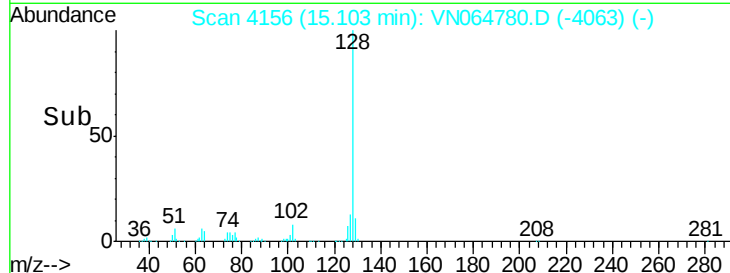
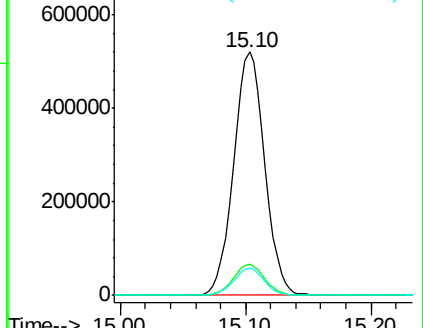
#95
Naphthalene
Concen: 110.598 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 892943
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.7 13.1

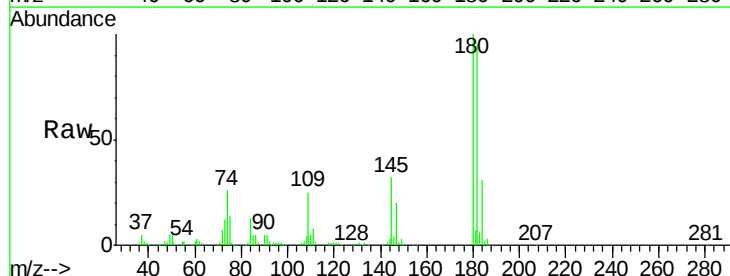


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 112.817 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064780.D
Acq: 23 Nov 2020 13:06

Tgt Ion:180 Resp: 276676
Ion Ratio Lower Upper
180 100
182 94.9 48.1 144.4
145 32.4 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

