

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112320\
 Data File : VN064781.D
 Acq On : 23 Nov 2020 13:30
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Quant Time: Nov 23 13:49:48 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	192015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	296752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	275889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	143201	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	345245	109.43	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	218.86%#	
35) Dibromofluoromethane		7.55	113	272468	159.92	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	319.84%#	
50) Toluene-d8		10.06	98	1158607	152.76	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	305.52%#	
62) 4-Bromofluorobenzene		12.38	95	432867	154.34	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	308.68%#	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	232837	102.491	ug/l	98
3) Chloromethane	2.04	50	303073	118.076	ug/l	100
4) Vinyl Chloride	2.16	62	316057	118.482	ug/l	97
5) Bromomethane	2.50	94	201143	105.105	ug/l	100
6) Chloroethane	2.66	64	196829	110.766	ug/l	99
7) Trichlorofluoromethane	2.98	101	439688	94.812	ug/l	97
8) Diethyl Ether	3.37	74	174439	113.781	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.70	101	267529	128.094	ug/l	99
10) Methyl Iodide	3.90	142	379934	150.936	ug/l	99
11) Tert butyl alcohol	4.76	59	268913	813.559	ug/l	100
12) 1,1-Dichloroethene	3.69	96	271270	134.163	ug/l	97
13) Acrolein	3.56	56	169702	1683.440	ug/l	100
14) Allyl chloride	4.27	41	461264	134.138	ug/l	99
15) Acrylonitrile	4.93	53	752168	784.283	ug/l	100
16) Acetone	3.78	43	542812	659.768	ug/l	98
17) Carbon Disulfide	4.00	76	723901	116.469	ug/l	99
18) Methyl Acetate	4.28	43	333859	132.828	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	930048	138.914	ug/l	99
20) Methylene Chloride	4.50	84	316040	129.282	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	296038	131.642	ug/l	99
22) Diisopropyl ether	5.91	45	938353	130.010	ug/l	98
23) Vinyl Acetate	5.85	43	3864091	665.072	ug/l	100
24) 1,1-Dichloroethane	5.79	63	546520	128.556	ug/l	100
25) 2-Butanone	6.79	43	941589	739.253	ug/l	97
26) 2,2-Dichloropropane	6.78	77	459978	115.821	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	347304	139.783	ug/l	99
28) Bromochloromethane	7.15	49	252476	118.601	ug/l	98
29) Tetrahydrofuran	7.17	42	630567	734.974	ug/l	99
30) Chloroform	7.33	83	550782	120.495	ug/l	100
31) Cyclohexane	7.61	56	448926	127.036	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	481589	115.809	ug/l	99
36) 1,1-Dichloropropene	7.75	75	416795	139.188	ug/l	99
37) Ethyl Acetate	6.89	43	399097	157.048	ug/l	99
38) Carbon Tetrachloride	7.73	117	434970	137.838	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	467011	170.367	ug/l	98
40) Benzene	8.00	78	1264209	149.912	ug/l	99
41) Methacrylonitrile	7.13	41	192859	167.364	ug/l	89
42) 1,2-Dichloroethane	8.09	62	415090	118.579	ug/l	100
43) Isopropyl Acetate	8.13	43	667544	137.621	ug/l	100
44) Trichloroethene	8.80	130	361279	147.594	ug/l	100
45) 1,2-Dichloropropane	9.08	63	335011	149.632	ug/l	99
46) Dibromomethane	9.17	93	219610	139.947	ug/l	98
47) Bromodichloromethane	9.37	83	451824	137.562	ug/l	99
48) Methyl methacrylate	9.17	41	328187	143.887	ug/l	99
49) 1,4-Dioxane	9.17	88	118842	3853.907	ug/l	99
51) 4-Methyl-2-Pentanone	9.96	43	2028075	768.044	ug/l	100
52) Toluene	10.13	92	796184	153.796	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	516818	146.773	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	556942	151.582	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	315930	152.212	ug/l	98
56) Ethyl methacrylate	10.40	69	500405	172.724	ug/l	98
57) 1,3-Dichloropropane	10.68	76	535566	149.056	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1340196	839.178	ug/l	99
59) 2-Hexanone	10.72	43	1516807	795.507	ug/l	100
60) Dibromochloromethane	10.87	129	377556	156.833	ug/l	98
61) 1,2-Dibromoethane	10.98	107	334205	150.658	ug/l	100
64) Tetrachloroethene	10.60	164	364781	147.781	ug/l	99
65) Chlorobenzene	11.41	112	884185	151.788	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	333094	152.308	ug/l	99
67) Ethyl Benzene	11.48	91	1547199	151.442	ug/l	100
68) m/p-Xylenes	11.59	106	1196096	323.947	ug/l	99
69) o-Xylene	11.92	106	574871	160.388	ug/l	99
70) Styrene	11.94	104	995157	163.975	ug/l	99
71) Bromoform	12.10	173	274886	179.058	ug/l #	99
73) Isopropylbenzene	12.22	105	1511377	149.369	ug/l	100
74) N-amyl acetate	12.05	43	624082	135.531	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	432958	152.320	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	633521	206.206	ug/l #	100
77) Bromobenzene	12.50	156	382543	148.713	ug/l	98
78) n-propylbenzene	12.57	91	1752749	149.271	ug/l	99
79) 2-Chlorotoluene	12.65	91	1036807	138.772	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1309252	155.934	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	179766	161.742	ug/l	96
82) 4-Chlorotoluene	12.75	91	1086131	136.948	ug/l	99
83) tert-Butylbenzene	12.97	119	1089372	166.120	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	1338968	156.637	ug/l	98
85) sec-Butylbenzene	13.15	105	1451307	165.673	ug/l	100
86) p-Isopropyltoluene	13.26	119	1368993	169.580	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	708307	151.821	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	716455	149.219	ug/l	99
89) n-Butylbenzene	13.59	91	1207351	162.169	ug/l	99
90) Hexachloroethane	13.85	117	239803	178.178	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	691293	151.058	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	99580	136.062	ug/l	96

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Quant Time: Nov 23 13:49:48 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

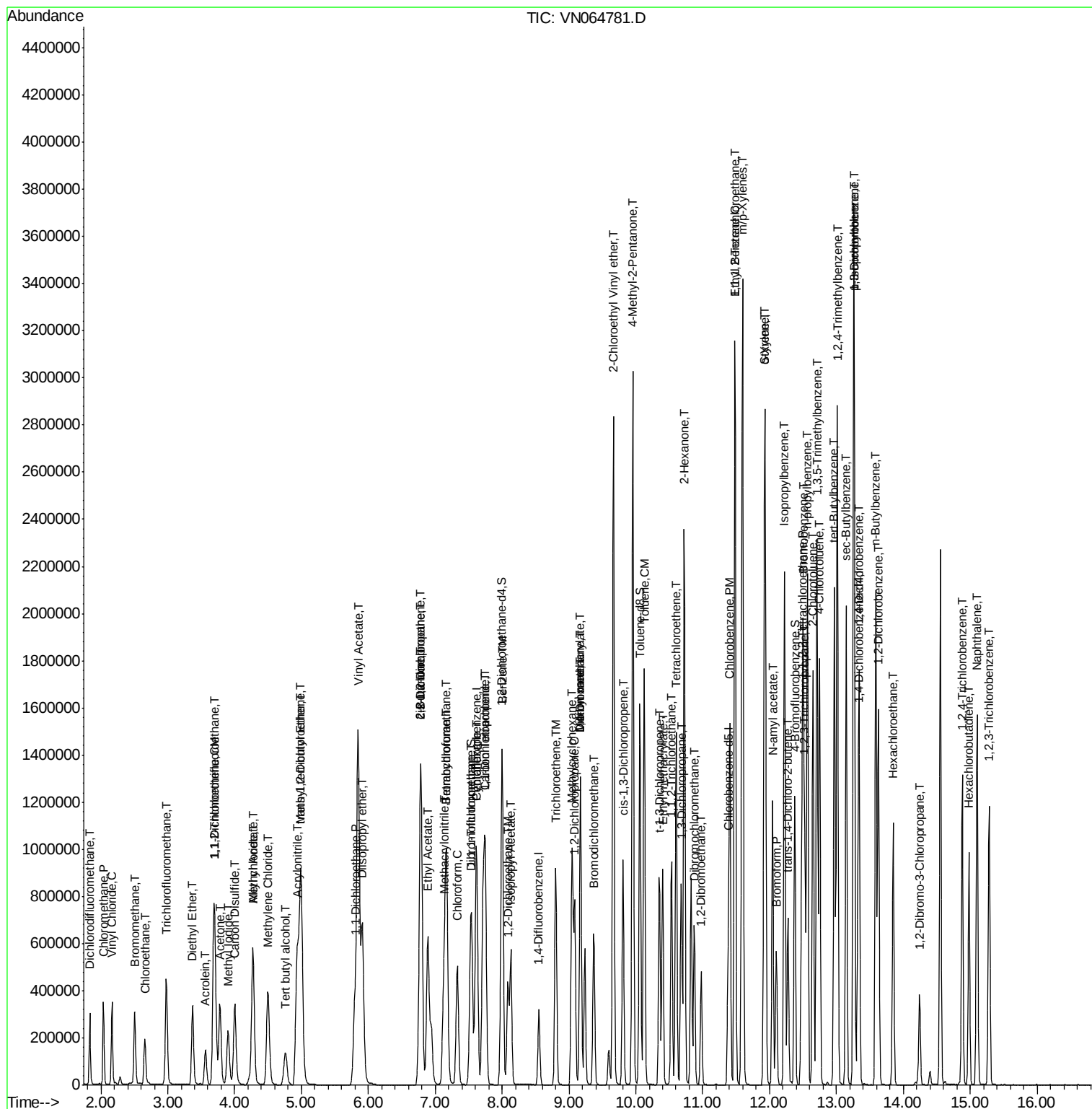
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	437493	170.883	ug/l	99
94) Hexachlorobutadiene	14.98	225	197302	152.310	ug/l	99
95) Naphthalene	15.10	128	1364149	168.294	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	424229	172.300	ug/l	99

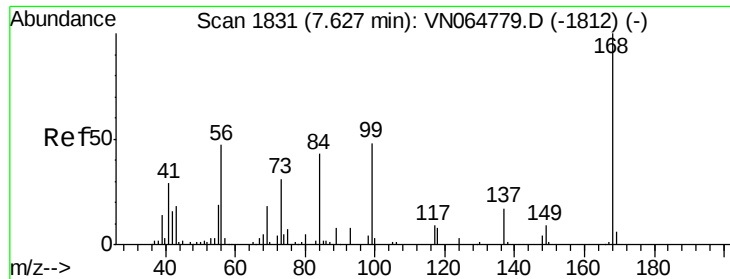
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112320\
 Data File : VN064781.D
 Acq On : 23 Nov 2020 13:30
 Operator : JC/MD
 Sample : VSTDI150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sample ID :
 VSTDI150

Quant Time: Nov 23 13:49:48 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:11:32 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

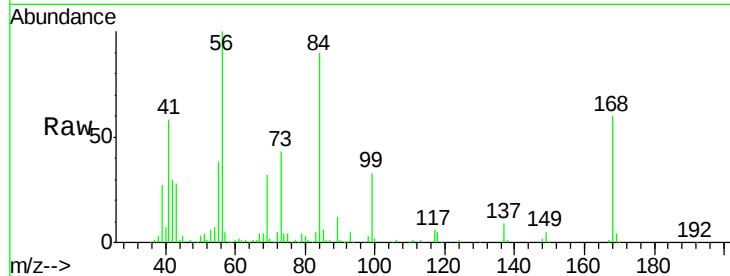
VSTDIC150

Tgt Ion:168 Resp: 192015

Ion Ratio Lower Upper

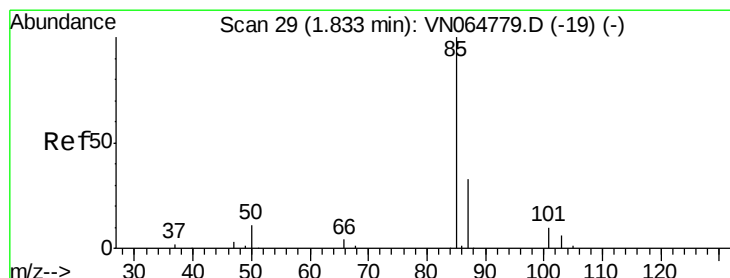
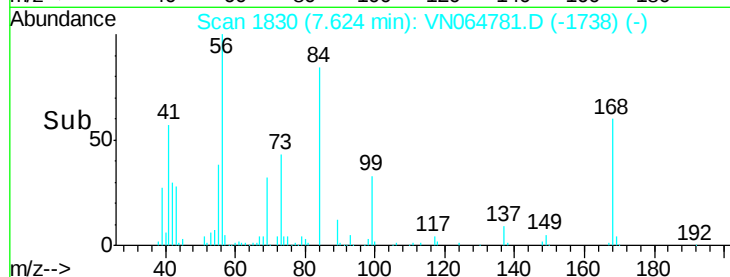
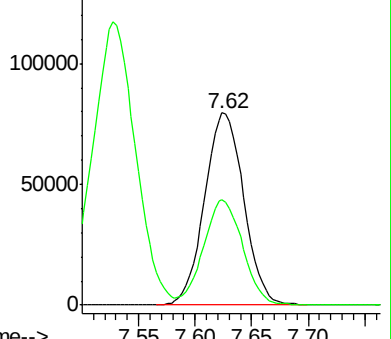
168 100

99 54.9 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: 102.491 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064781.D

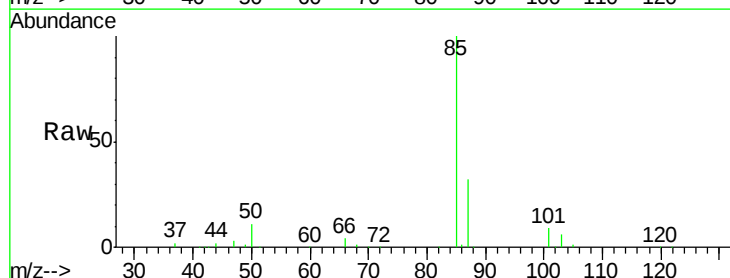
Acq: 23 Nov 2020 13:30

Tgt Ion: 85 Resp: 232837

Ion Ratio Lower Upper

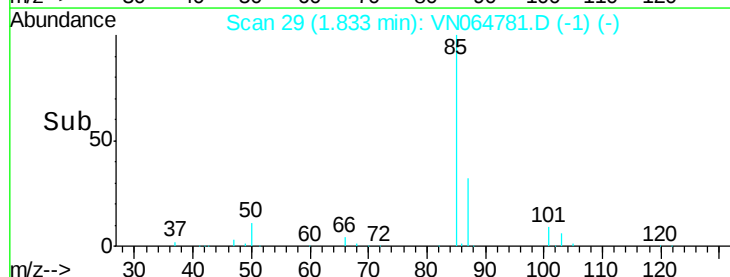
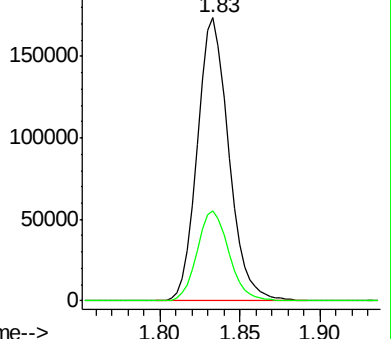
85 100

87 31.9 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: 118.076 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

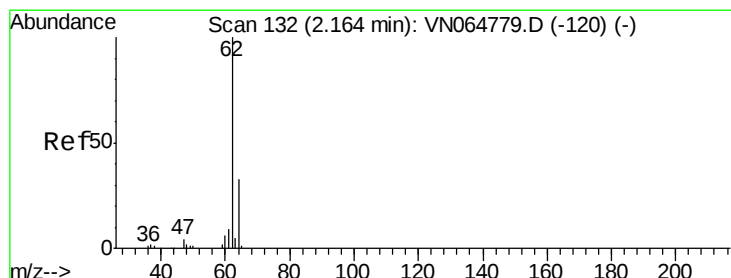
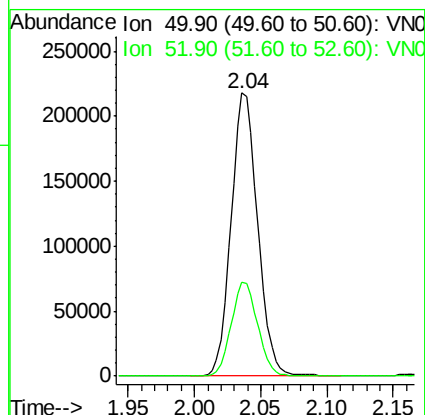
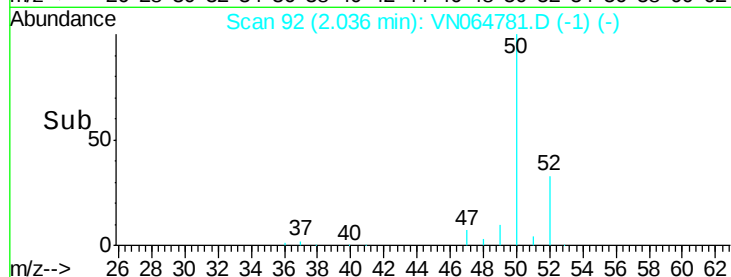
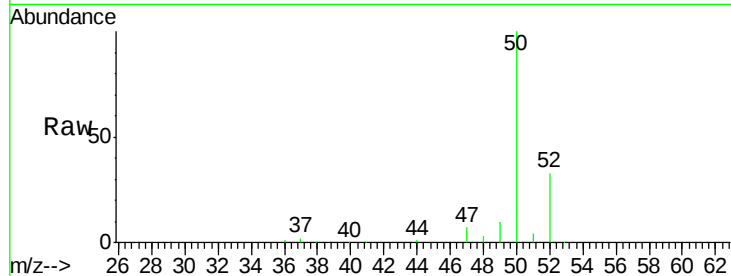
VSTDIC150

Tgt Ion: 50 Resp: 303073

Ion Ratio Lower Upper

50 100

52 33.1 26.6 39.8



#4

Vinyl Chloride

Concen: 118.482 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064781.D

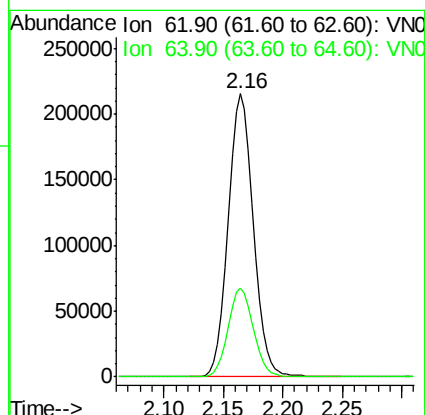
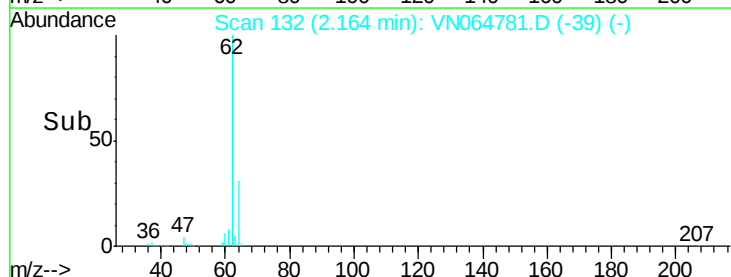
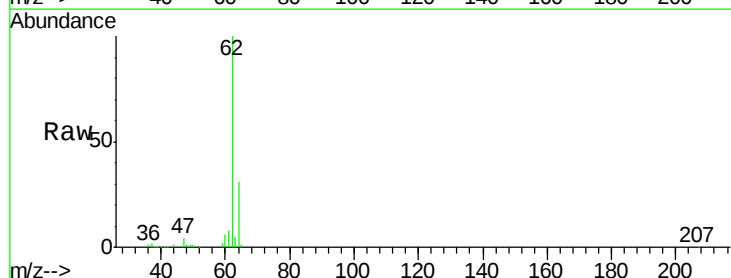
Acq: 23 Nov 2020 13:30

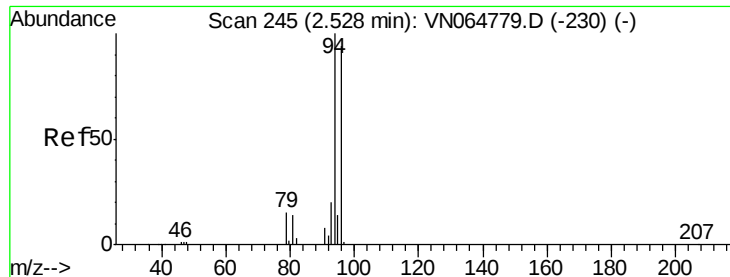
Tgt Ion: 62 Resp: 316057

Ion Ratio Lower Upper

62 100

64 31.3 26.5 39.7





#5

Bromomethane

Concen: 105.105 ug/l

RT: 2.50 min Scan# 237

Delta R.T. -0.03 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

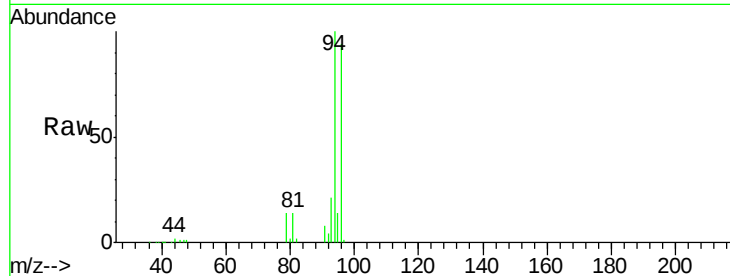
VSTDIC150

Tgt Ion: 94 Resp: 201143

Ion Ratio Lower Upper

94 100

96 93.7 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VN064779.D

Ion 95.90 (95.60 to 96.60): VN064779.D

2.50

120000

100000

80000

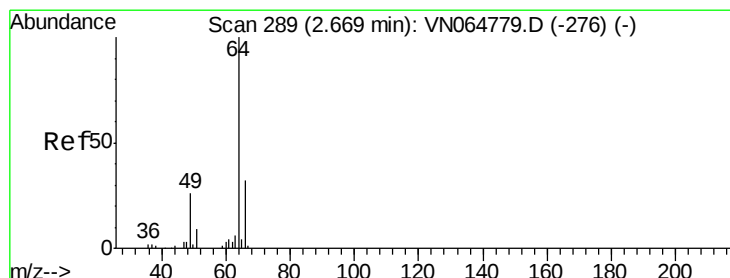
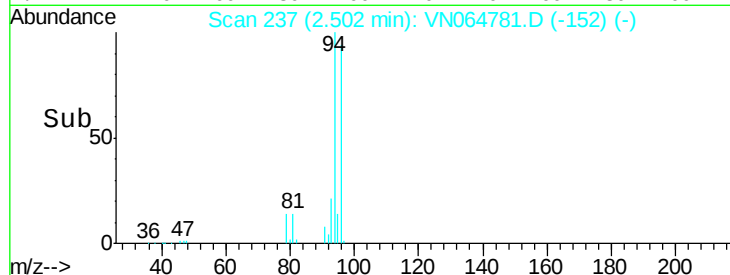
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 110.766 ug/l

RT: 2.66 min Scan# 285

Delta R.T. -0.01 min

Lab File: VN064781.D

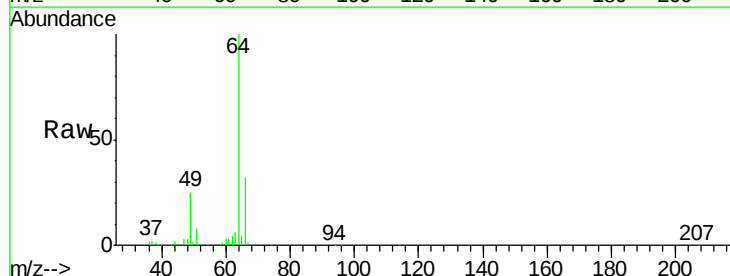
Acq: 23 Nov 2020 13:30

Tgt Ion: 64 Resp: 196829

Ion Ratio Lower Upper

64 100

66 32.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN064779.D

Ion 65.90 (65.60 to 66.60): VN064779.D

2.66

100000

80000

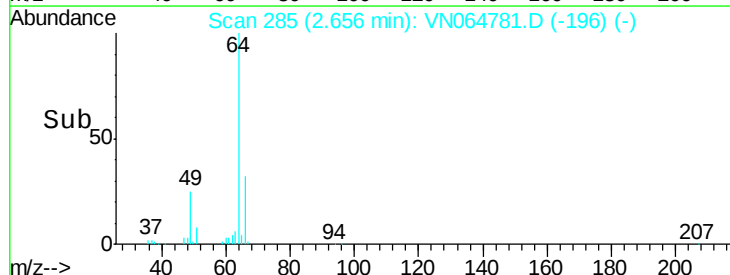
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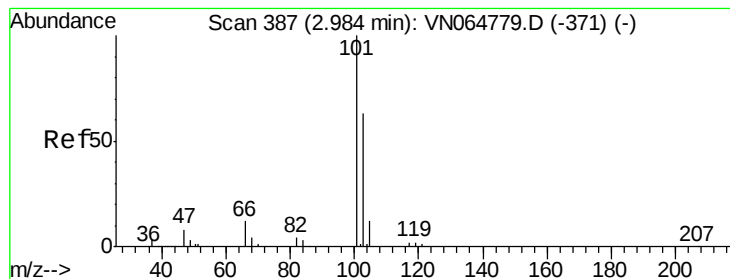
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Time-->



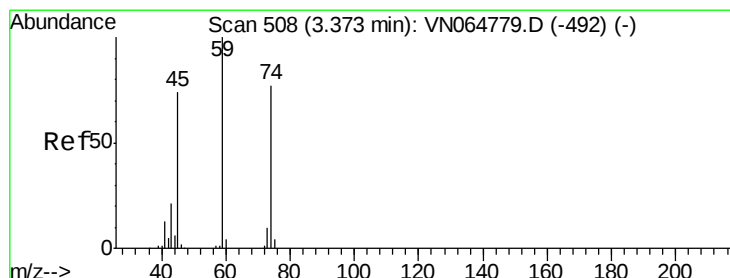
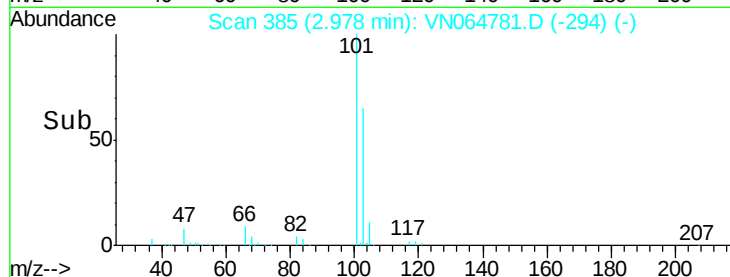
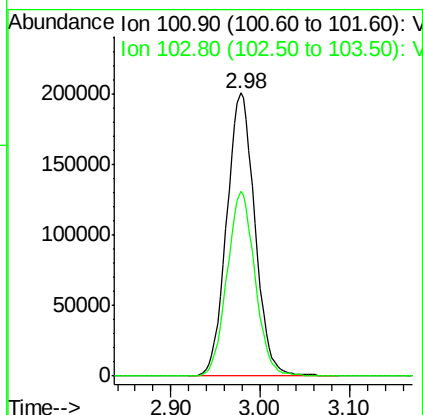
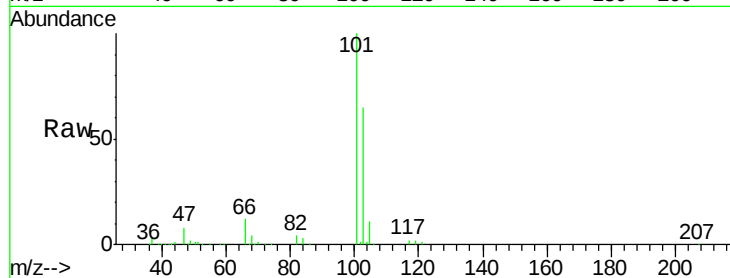


#7

Trichlorofluoromethane
Concen: 94.812 ug/l
RT: 2.98 min Scan# 385
Delta R.T. -0.01 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

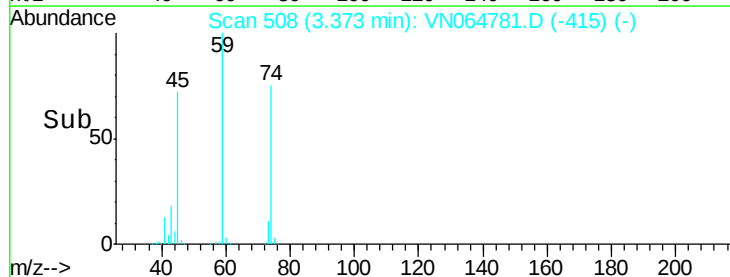
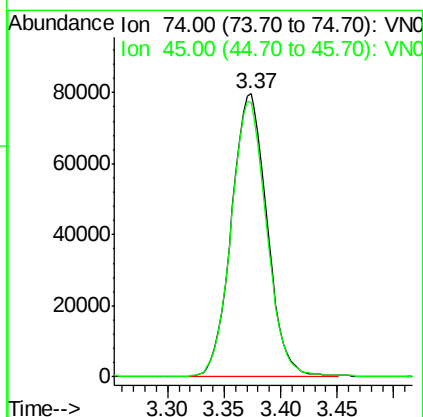
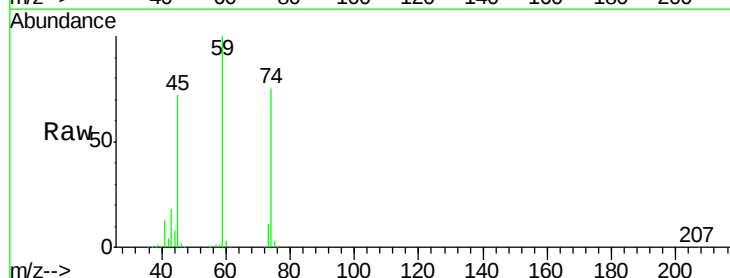
Tgt Ion: 101 Resp: 439688
Ion Ratio Lower Upper
101 100
103 65.2 50.5 75.7

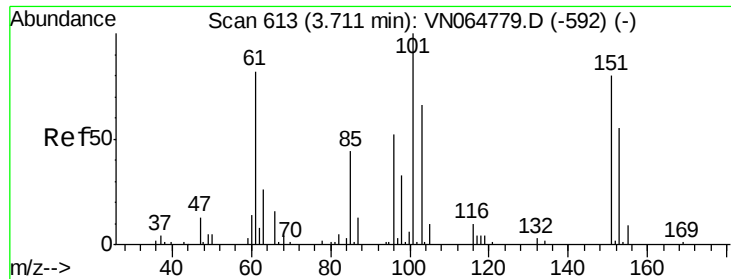


#8

Diethyl Ether
Concen: 113.781 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

Tgt Ion: 74 Resp: 174439
Ion Ratio Lower Upper
74 100
45 97.8 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 128.094 ug/l

RT: 3.70 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

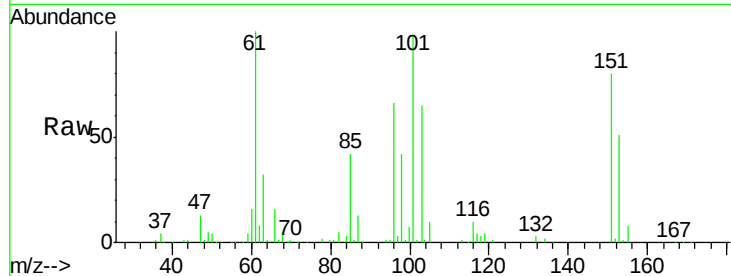
Tgt Ion:101 Resp: 267529

Ion Ratio Lower Upper

101 100

85 42.4 34.4 51.6

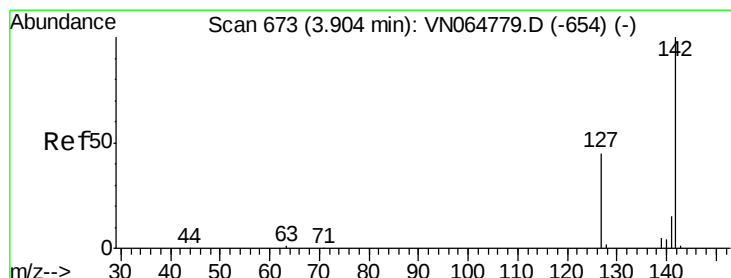
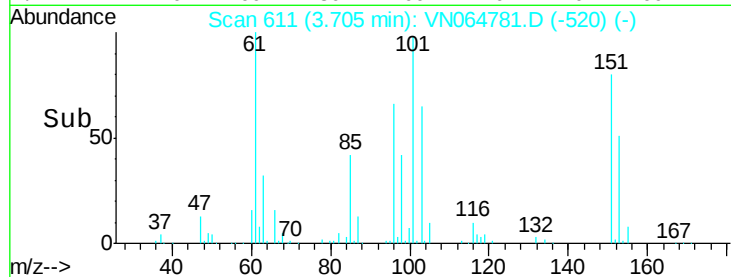
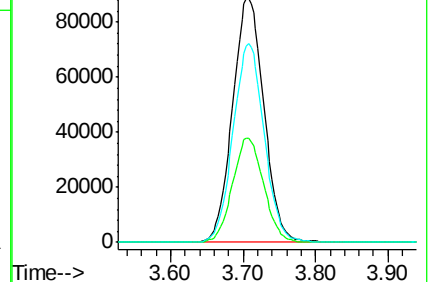
151 80.4 64.0 96.0



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: 150.936 ug/l

RT: 3.90 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

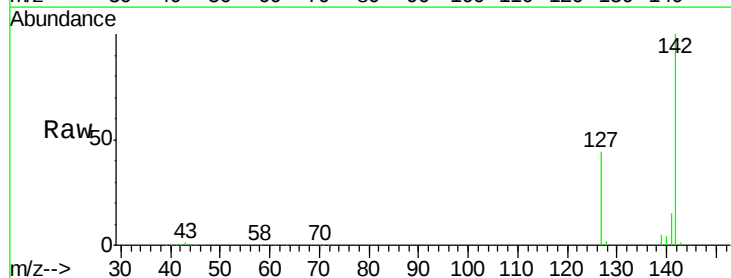
Tgt Ion:142 Resp: 379934

Ion Ratio Lower Upper

142 100

127 43.4 35.0 52.6

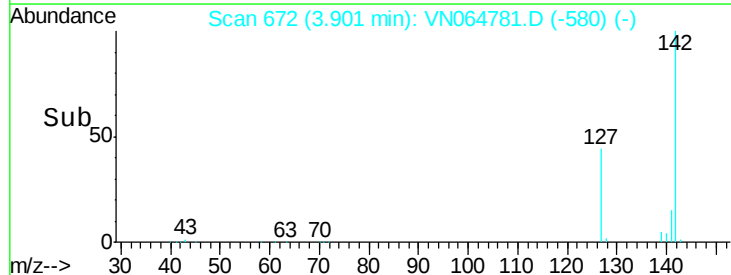
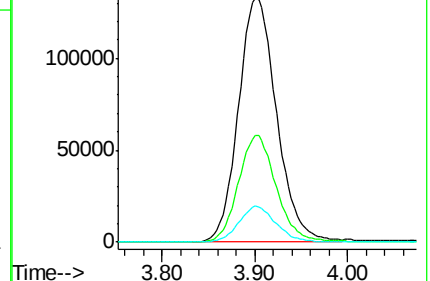
141 14.3 11.8 17.6

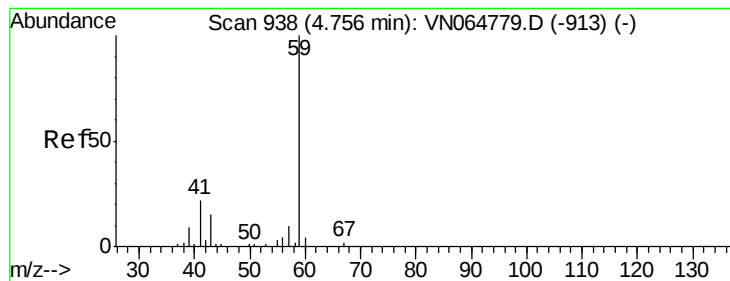


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



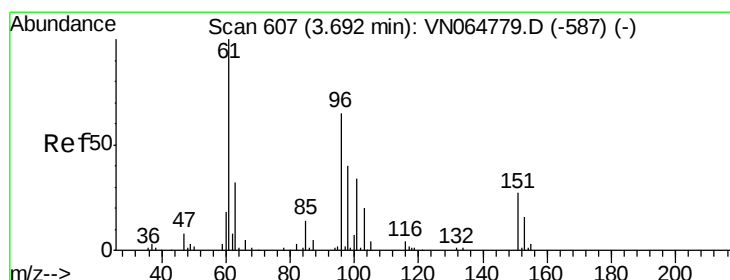
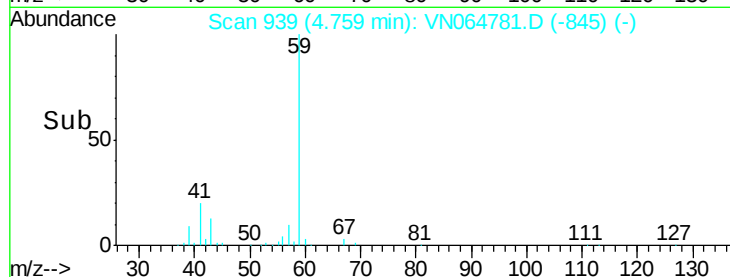
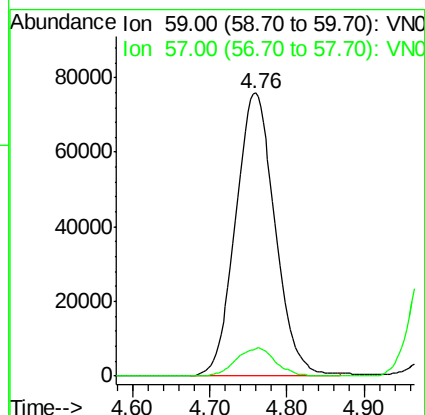
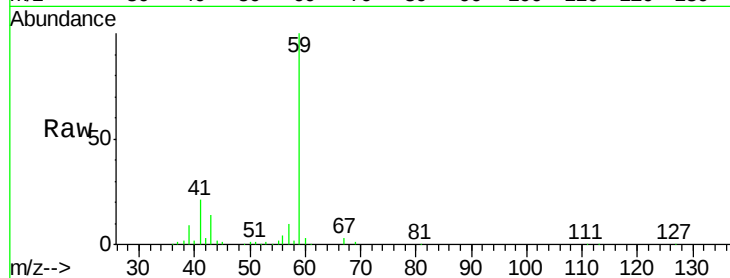


#11

Tert butyl alcohol
Concen: 813.559 ug/l
RT: 4.76 min Scan# 939
Delta R.T. 0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

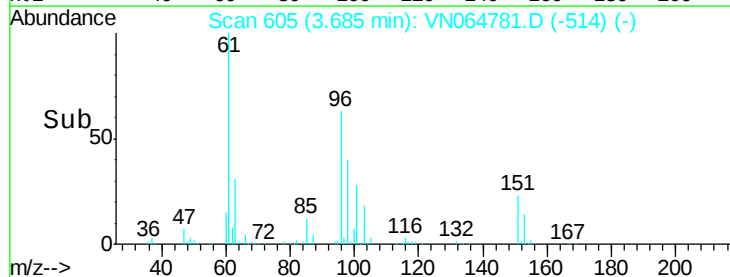
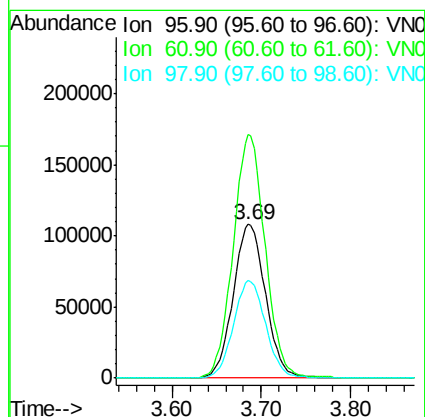
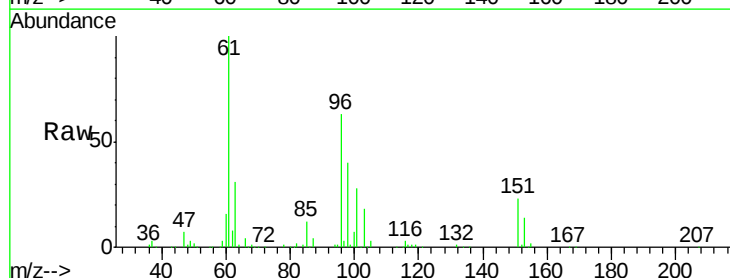
Tgt Ion: 59 Resp: 268913
Ion Ratio Lower Upper
59 100
57 10.0 7.9 11.9

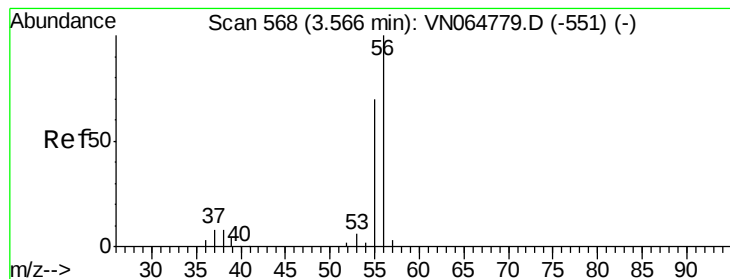


#12

1,1-Dichloroethene
Concen: 134.163 ug/l
RT: 3.69 min Scan# 605
Delta R.T. -0.01 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

Tgt Ion: 96 Resp: 271270
Ion Ratio Lower Upper
96 100
61 158.2 123.4 185.2
98 63.7 49.8 74.8





#13

Acrolein

Concen: 1683.440 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

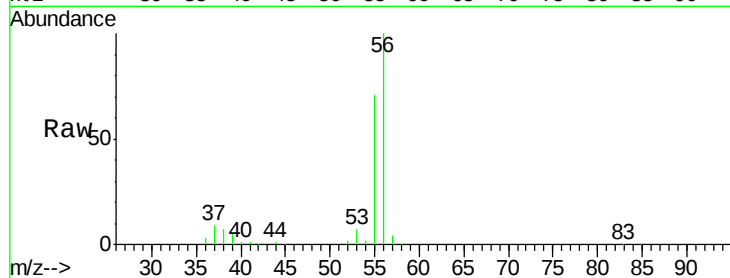
VSTDIC150

Tgt Ion: 56 Resp: 169702

Ion Ratio Lower Upper

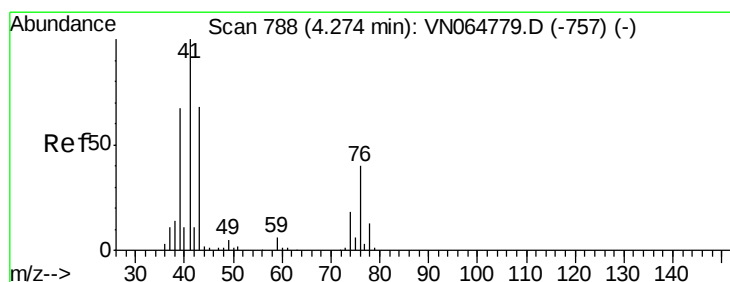
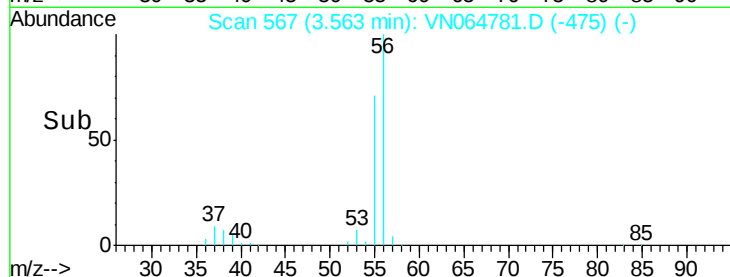
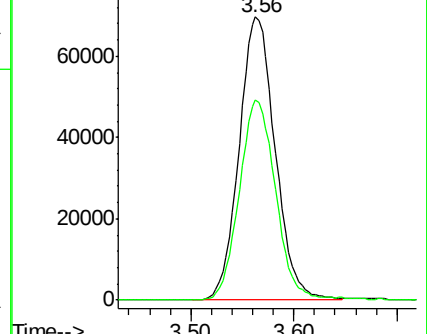
56 100

55 71.0 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) (-)



#14

Allyl chloride

Concen: 134.138 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

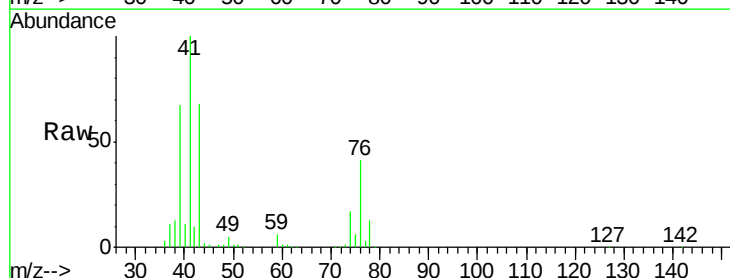
Tgt Ion: 41 Resp: 461264

Ion Ratio Lower Upper

41 100

39 61.8 50.9 76.3

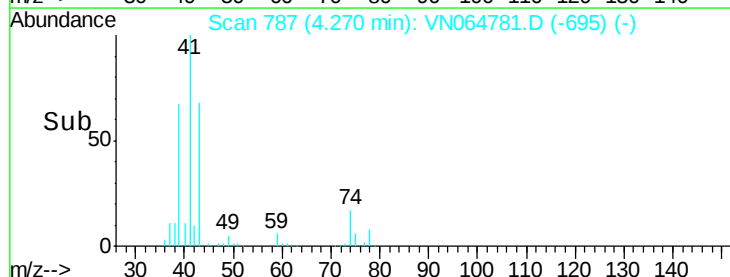
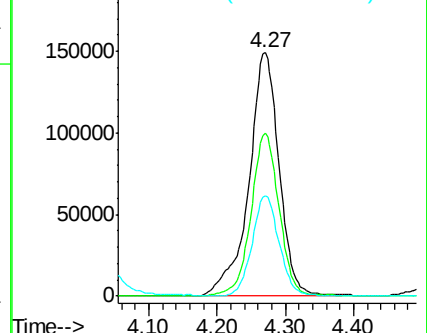
76 36.2 29.0 43.4



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) (-)





#15

Acrylonitrile

Concen: 784.283 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

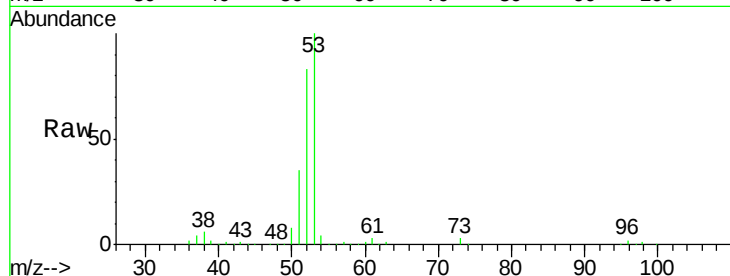
Tgt Ion: 53 Resp: 752168

Ion Ratio Lower Upper

53 100

52 82.3 65.5 98.3

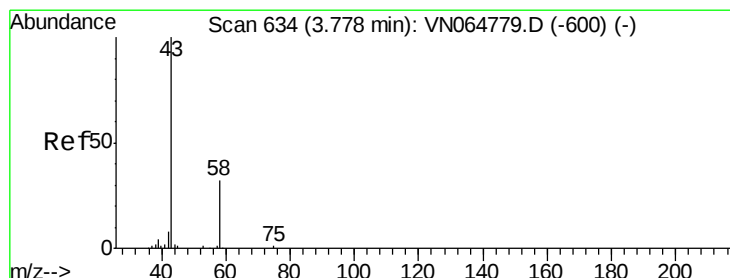
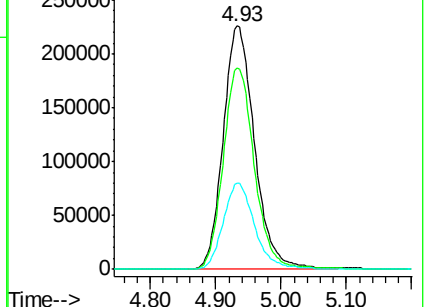
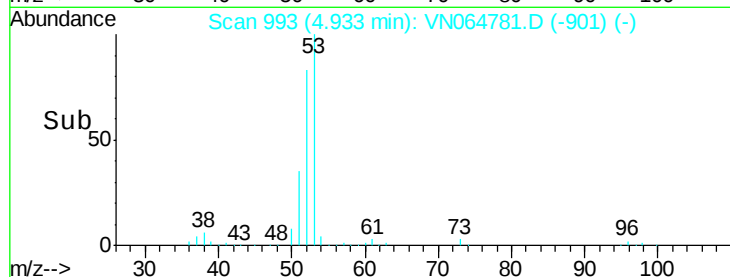
51 35.7 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064781.D (-901) (-)

Ion 52.00 (51.70 to 52.70): VN064781.D (-901) (-)

Ion 51.00 (50.70 to 51.70): VN064781.D (-901) (-)



#16

Acetone

Concen: 659.768 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064781.D

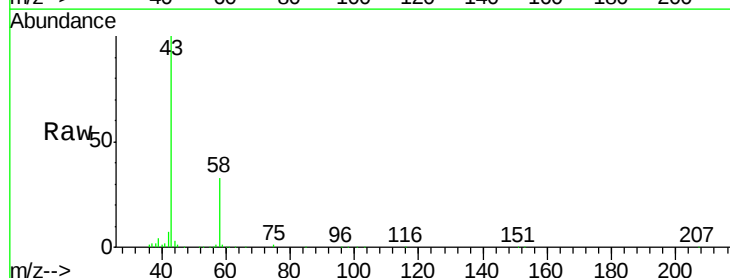
Acq: 23 Nov 2020 13:30

Tgt Ion: 43 Resp: 542812

Ion Ratio Lower Upper

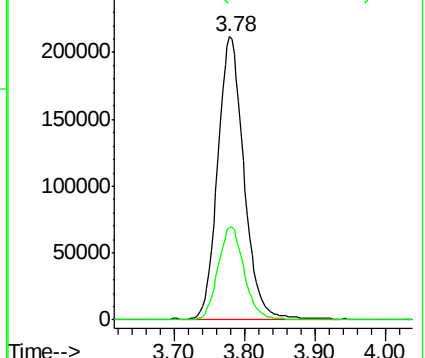
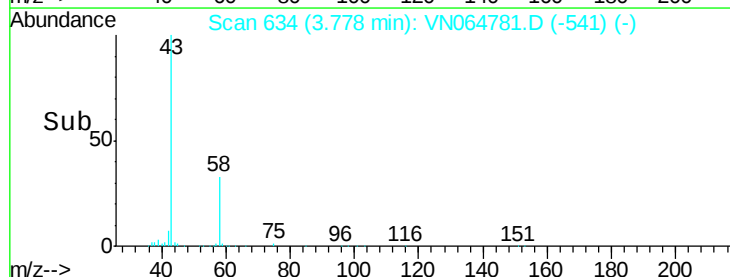
43 100

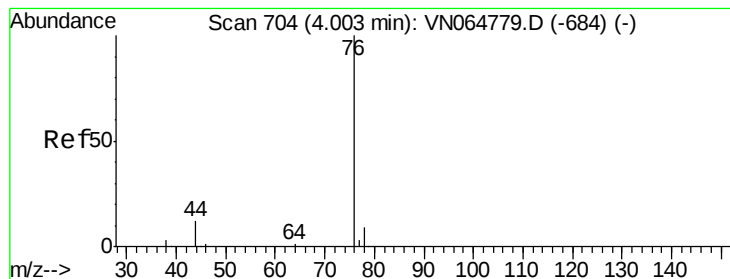
58 33.0 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064781.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN064781.D (-541) (-)





#17

Carbon Disulfide

Concen: 116.469 ug/l

RT: 4.00 min Scan# 703

Delta R.T. -0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

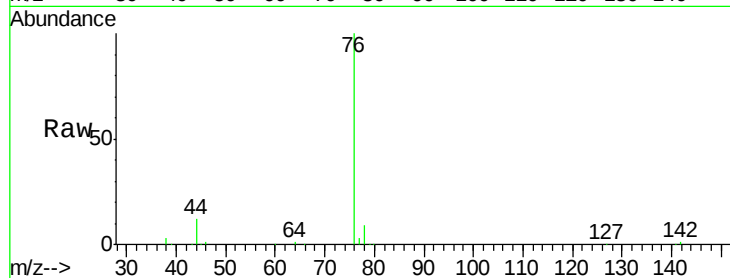
VSTDIC150

Tgt Ion: 76 Resp: 723901

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN064779.D (-684) (-)

Ion 77.90 (77.60 to 78.60): VN064779.D (-684) (-)

4.00

250000

200000

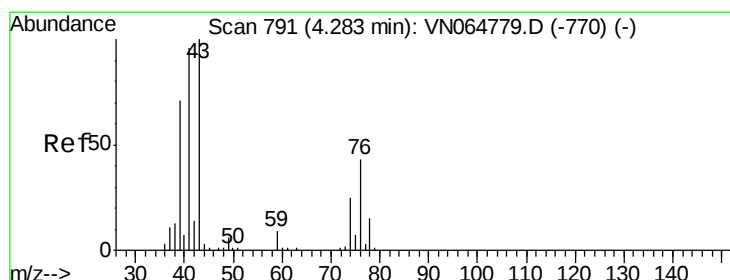
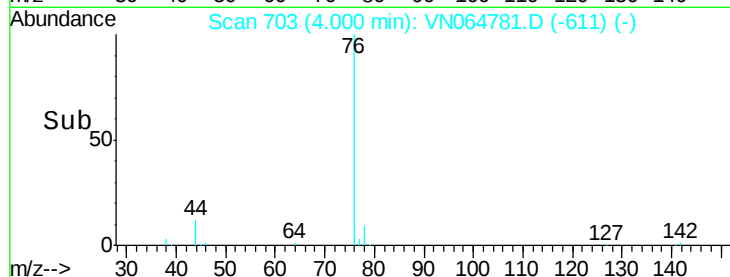
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 132.828 ug/l

RT: 4.28 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN064781.D

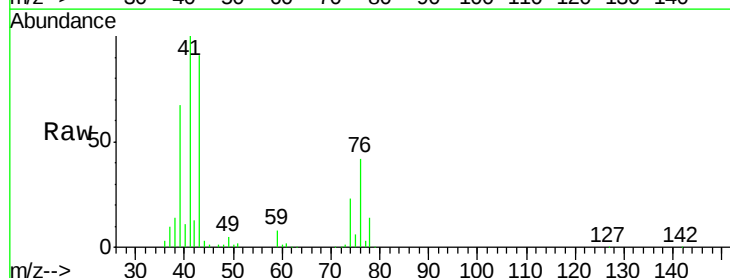
Acq: 23 Nov 2020 13:30

Tgt Ion: 43 Resp: 333859

Ion Ratio Lower Upper

43 100

74 25.0 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-770) (-)

Ion 74.00 (73.70 to 74.70): VN064779.D (-770) (-)

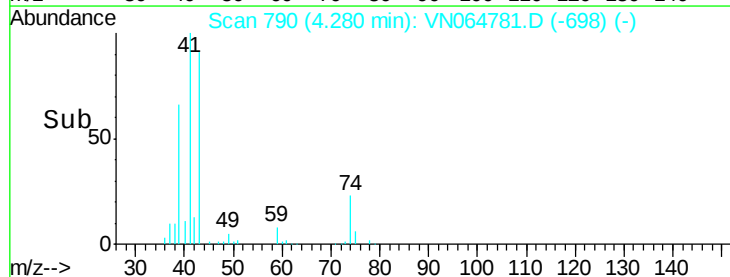
4.28

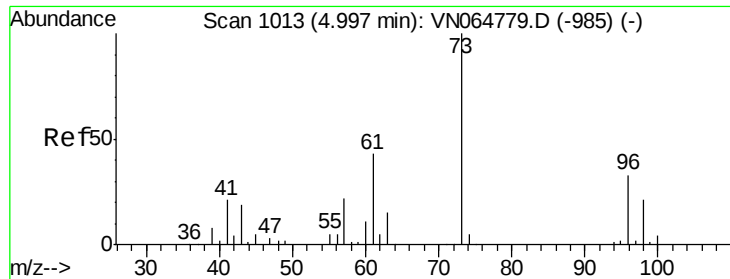
100000

50000

0

Time-->

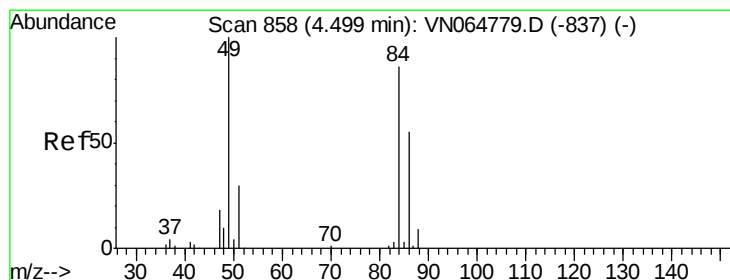
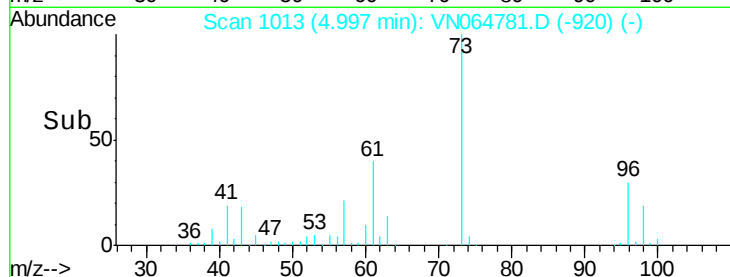
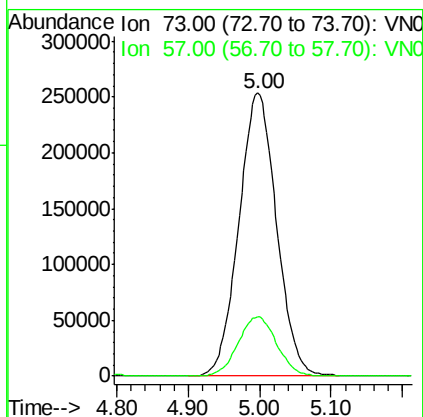
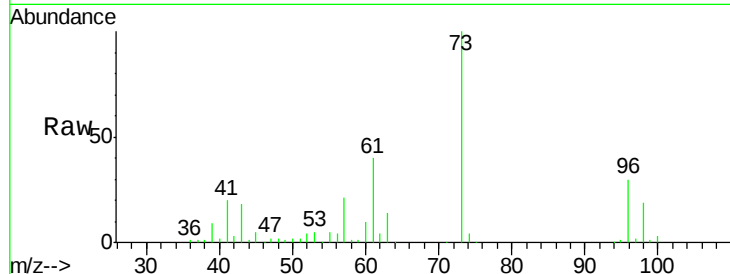




#19
Methyl tert-butyl Ether
Concen: 138.914 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

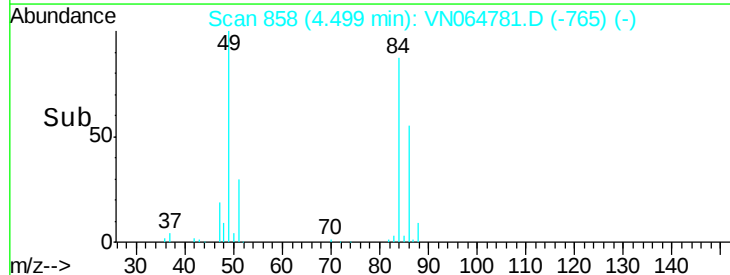
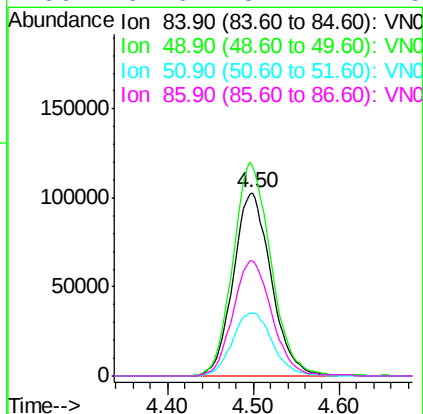
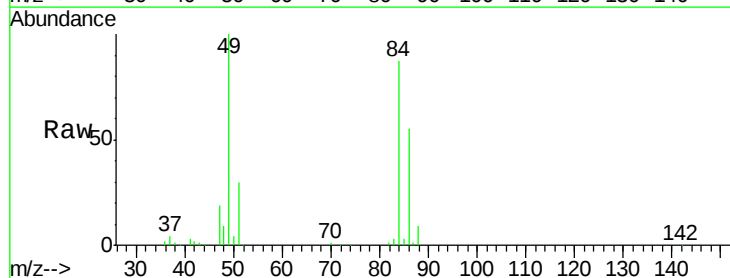
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

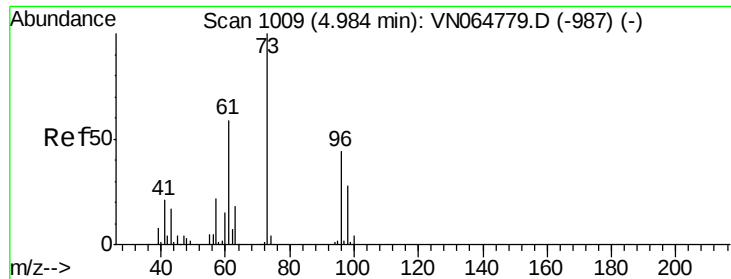
Tgt Ion: 73 Resp: 930048
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.0



#20
Methylene Chloride
Concen: 129.282 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

Tgt Ion: 84 Resp: 316040
Ion Ratio Lower Upper
84 100
49 114.5 93.4 140.0
51 34.4 28.2 42.4
86 62.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 131.642 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

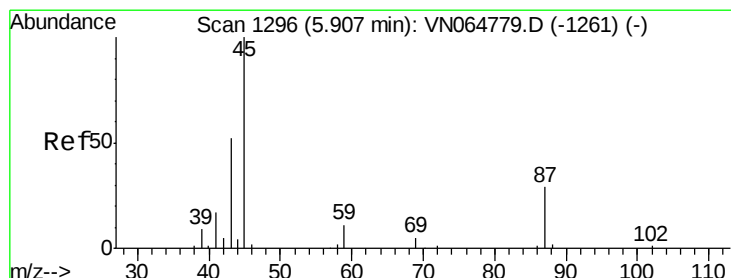
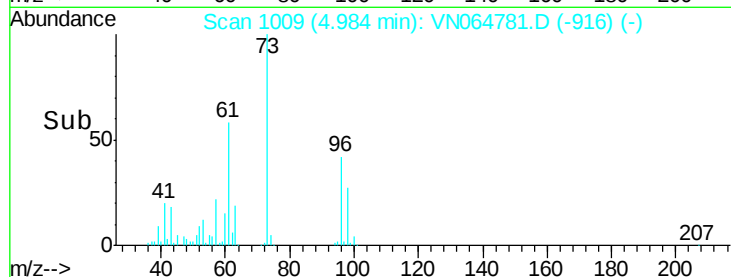
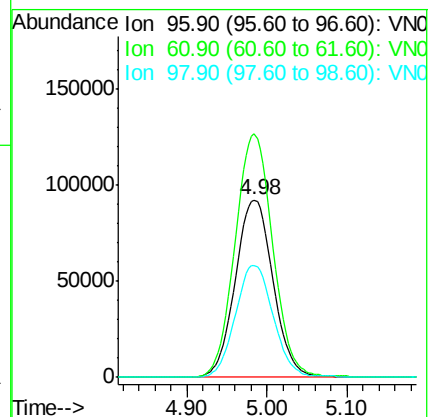
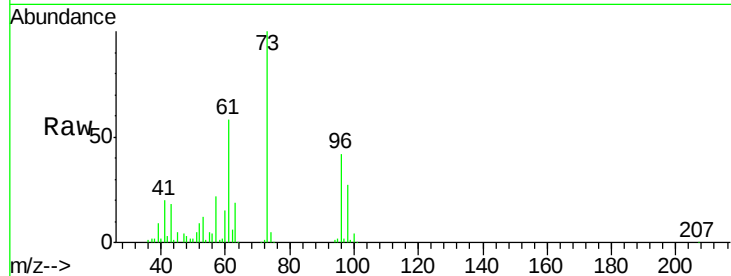
Tgt Ion: 96 Resp: 296038

Ion Ratio Lower Upper

96 100

61 137.4 108.4 162.6

98 63.3 51.3 76.9



#22

Diisopropyl ether

Concen: 130.010 ug/l

RT: 5.91 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Tgt Ion: 45 Resp: 938353

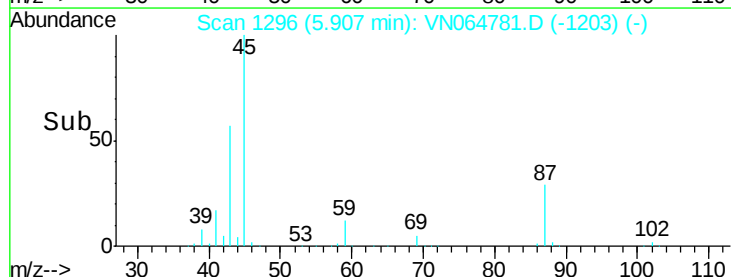
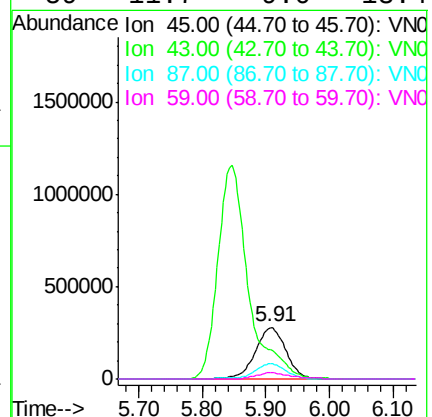
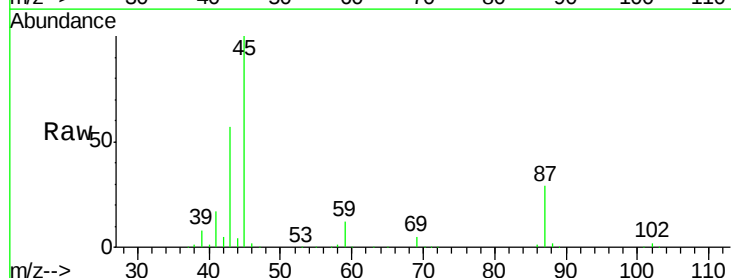
Ion Ratio Lower Upper

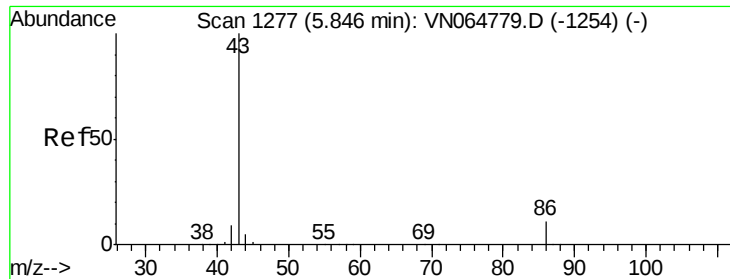
45 100

43 55.5 46.2 69.2

87 29.3 24.1 36.1

59 11.7 9.0 13.4





#23

Vinyl Acetate

Concen: 665.072 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

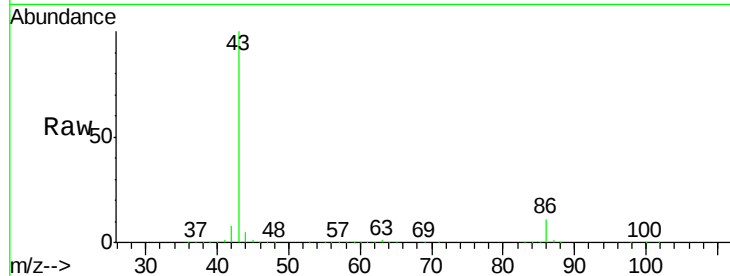
VSTDIC150

Tgt Ion: 43 Resp: 3864091

Ion Ratio Lower Upper

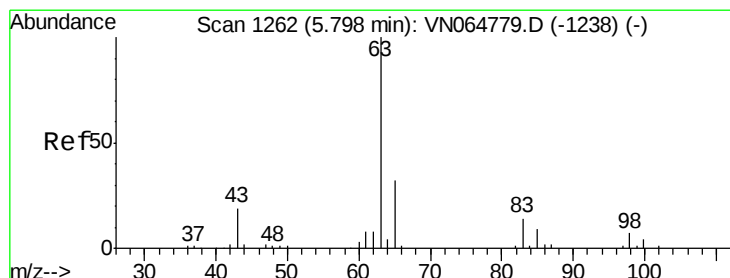
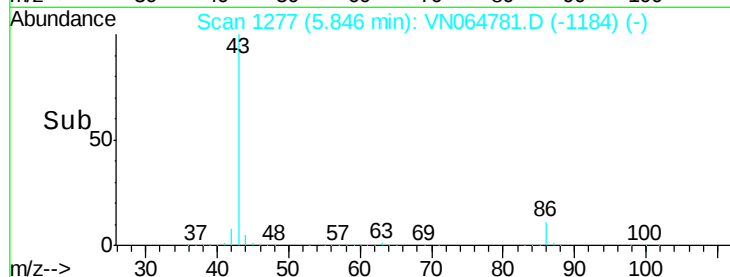
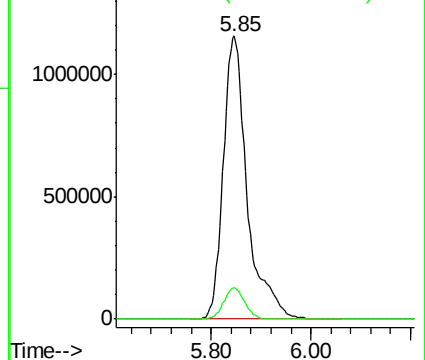
43 100

86 11.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 128.556 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

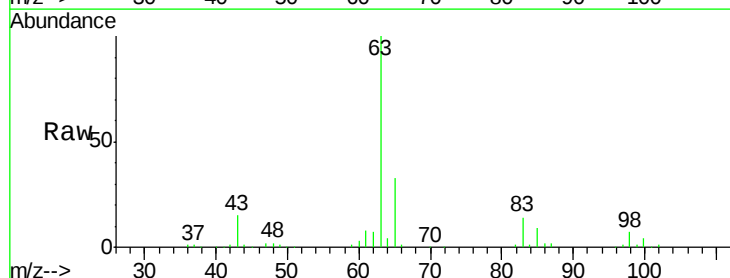
Tgt Ion: 63 Resp: 546520

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

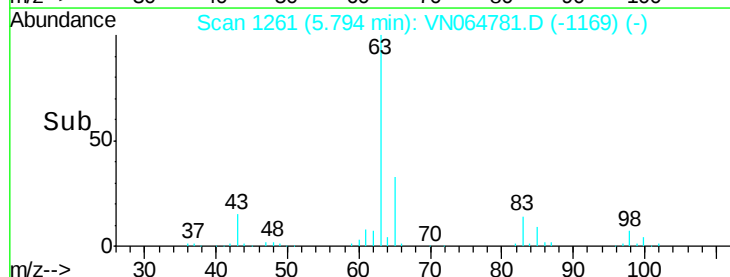
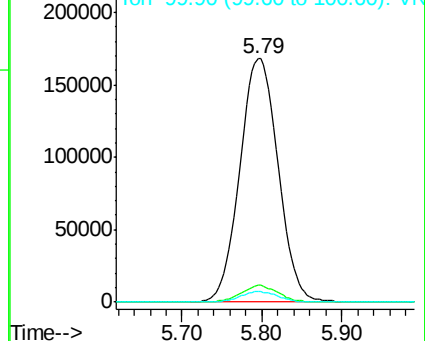
100 4.3 2.3 6.8

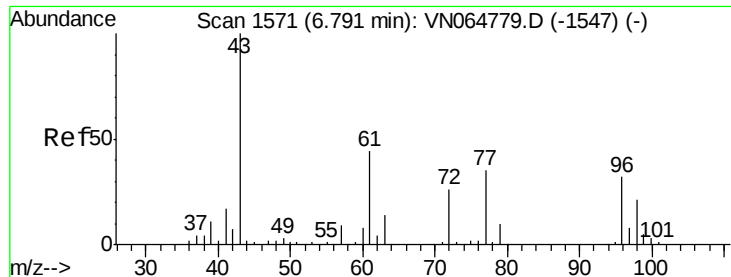


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 739.253 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

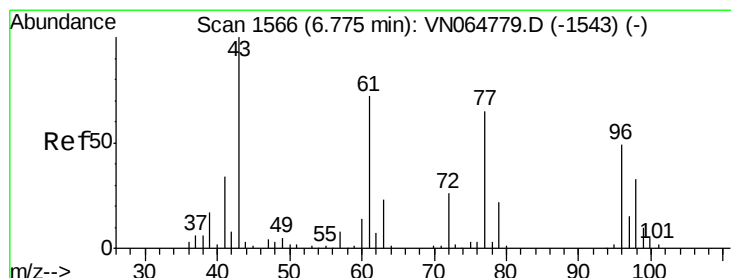
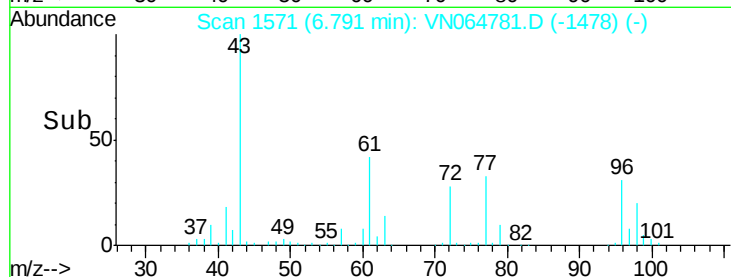
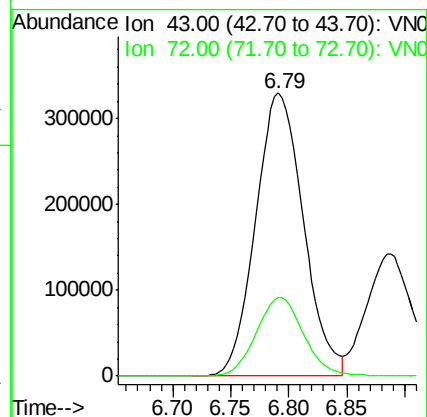
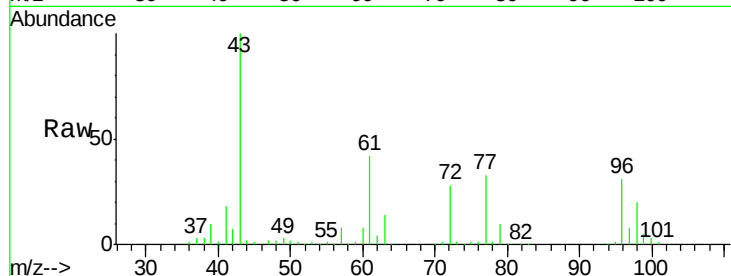
VSTDIC150

Tgt Ion: 43 Resp: 941589

Ion Ratio Lower Upper

43 100

72 27.8 21.0 31.6



#26

2,2-Dichloropropane

Concen: 115.821 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064781.D

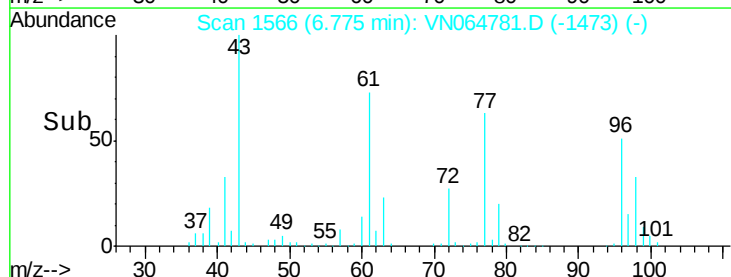
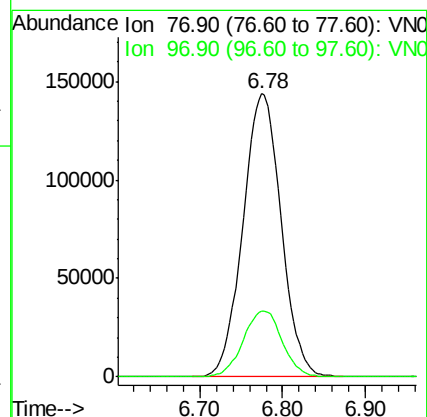
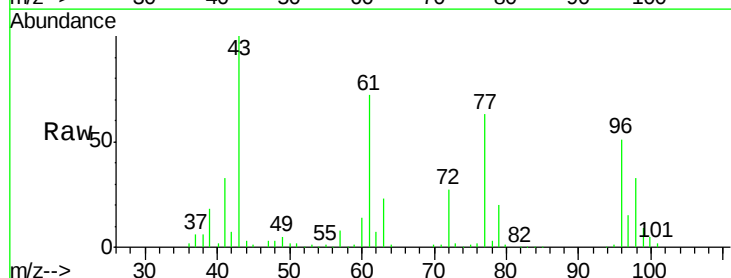
Acq: 23 Nov 2020 13:30

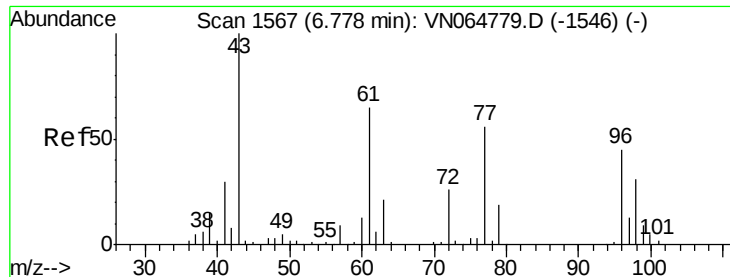
Tgt Ion: 77 Resp: 459978

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 139.783 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

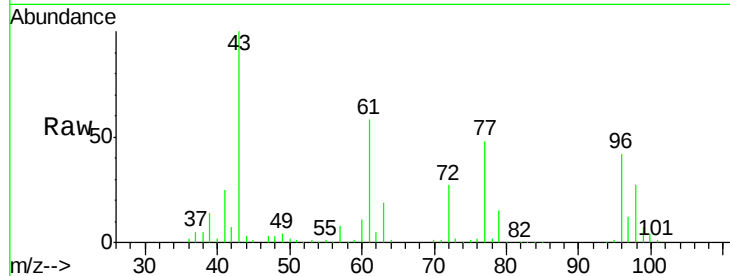
Tgt Ion: 96 Resp: 347304

Ion Ratio Lower Upper

96 100

61 141.5 0.0 285.8

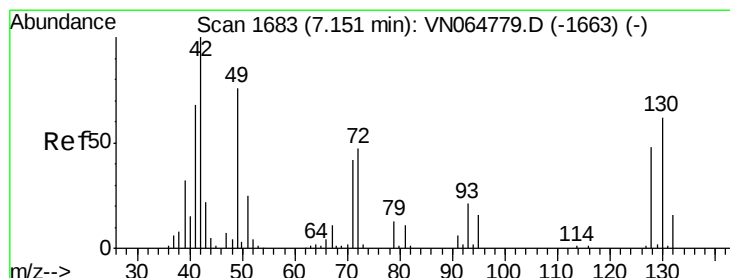
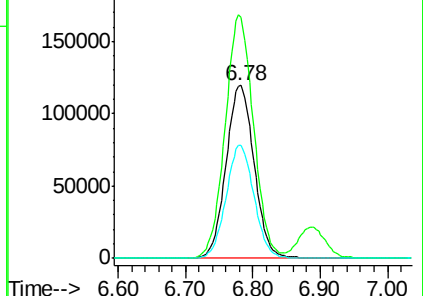
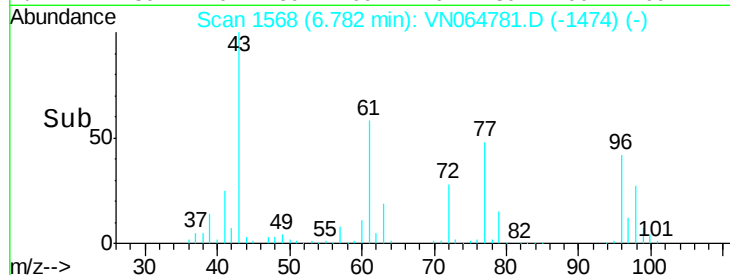
98 65.0 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064781.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN064781.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN064781.D (-1474) (-)



#28

Bromochloromethane

Concen: 118.601 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

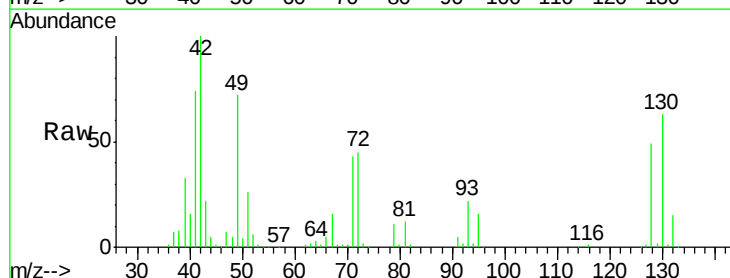
Tgt Ion: 49 Resp: 252476

Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

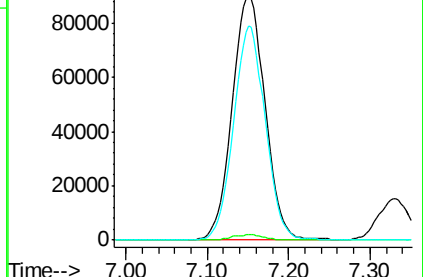
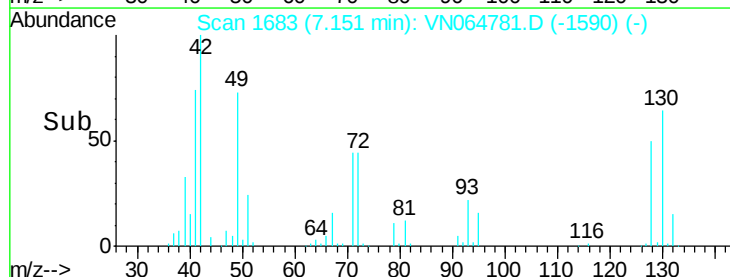
130 84.5 66.2 99.2



Abundance Ion 48.90 (48.60 to 49.60): VN064781.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN064781.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN064781.D (-1590) (-)





#29

Tetrahydrofuran

Concen: 734.974 ug/l

RT: 7.17 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

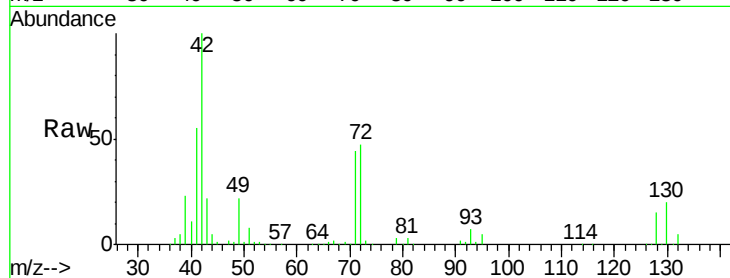
Tgt Ion: 42 Resp: 630567

Ion Ratio Lower Upper

42 100

72 45.9 36.6 54.8

71 43.4 33.6 50.4

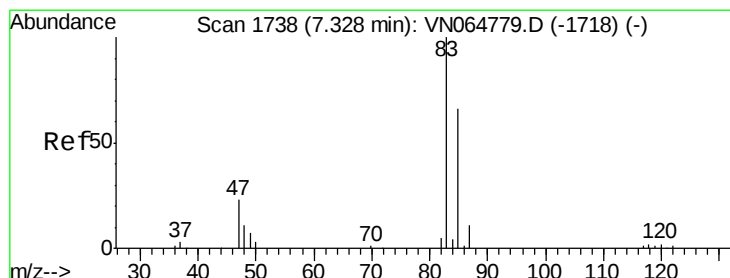
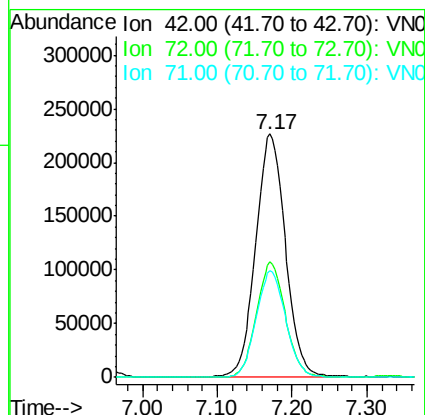
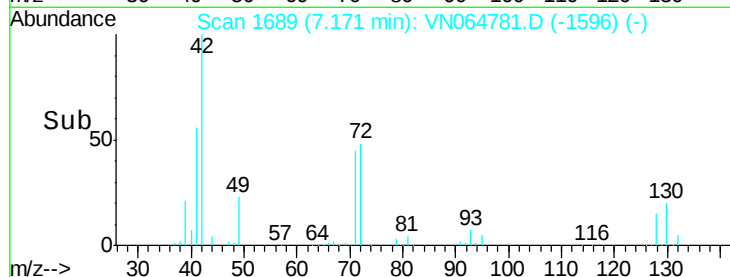


Abundance Ion 42.00 (41.70 to 42.70): VN064779.D (-1661) (-)

Ion 72.00 (71.70 to 72.70): VN064779.D (-1661) (-)

Ion 71.00 (70.70 to 71.70): VN064779.D (-1661) (-)

Time-->



#30

Chloroform

Concen: 120.495 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064781.D

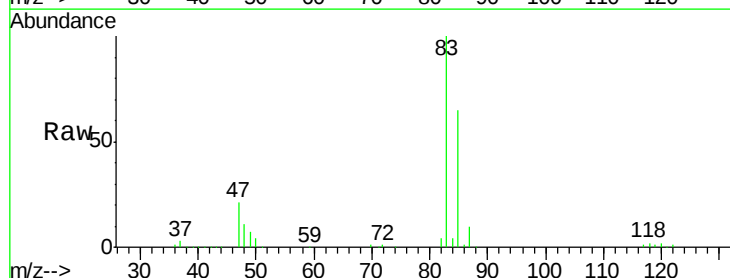
Acq: 23 Nov 2020 13:30

Tgt Ion: 83 Resp: 550782

Ion Ratio Lower Upper

83 100

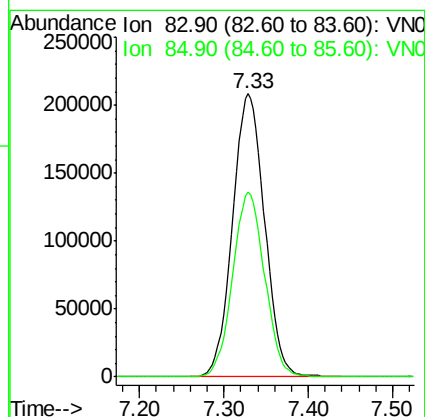
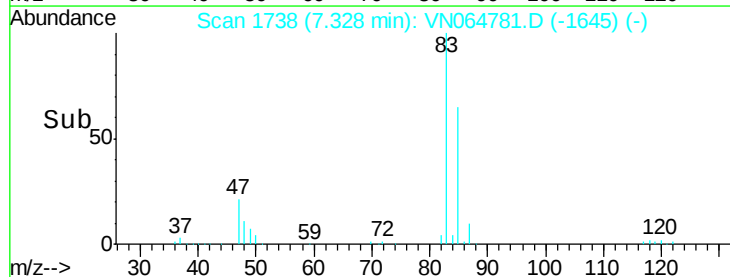
85 65.4 52.6 78.8

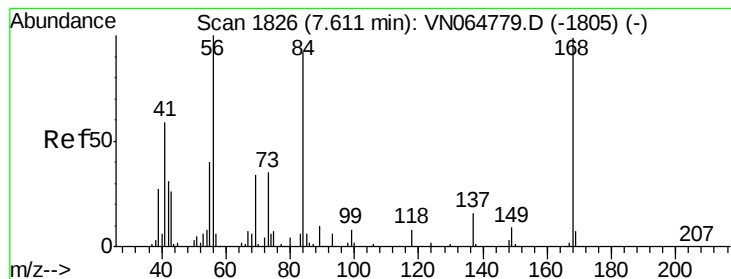


Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-1718) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-1718) (-)

Time-->





#31

Cyclohexane

Concen: 127.036 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

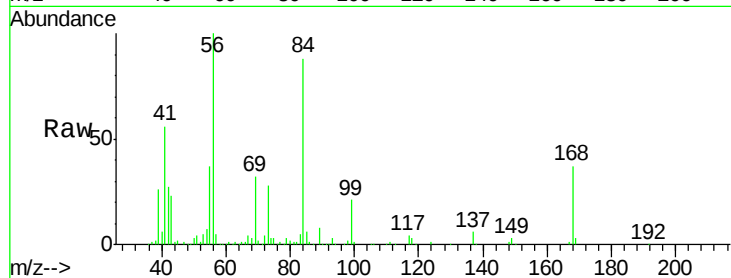
Tgt Ion: 56 Resp: 448926

Ion Ratio Lower Upper

56 100

69 31.5 27.5 41.3

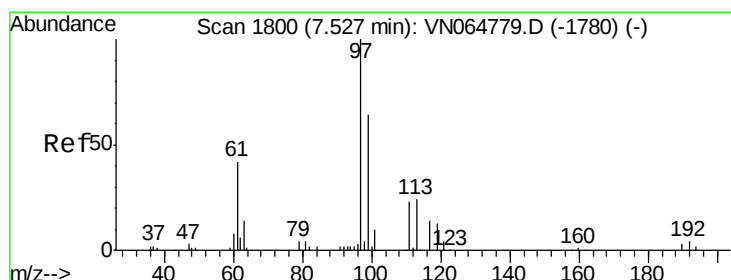
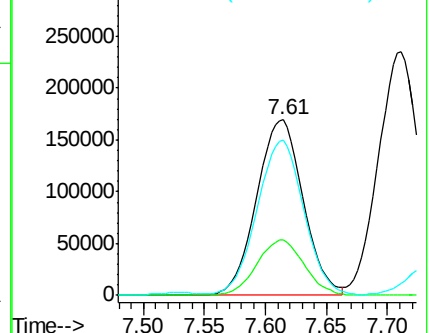
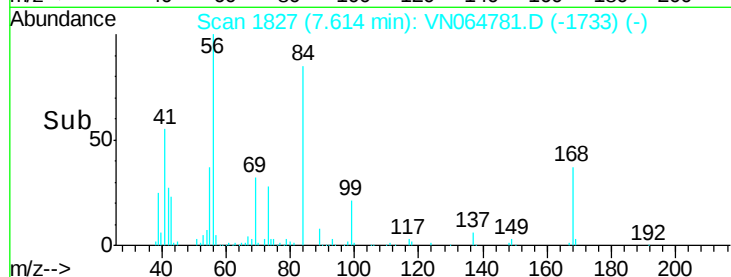
84 87.2 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN064781.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064781.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064781.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 115.809 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

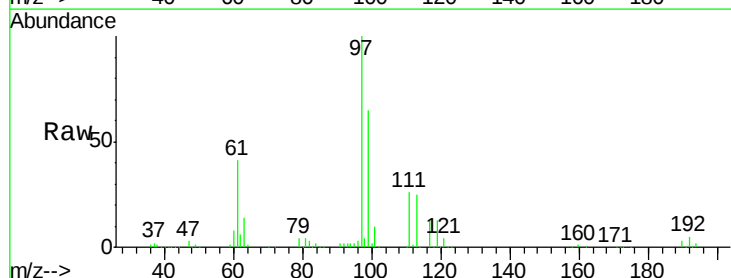
Tgt Ion: 97 Resp: 481589

Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

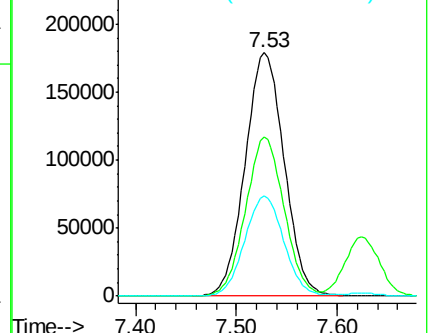
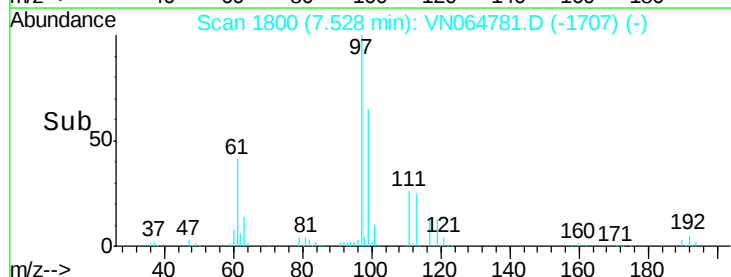
61 41.2 33.9 50.9

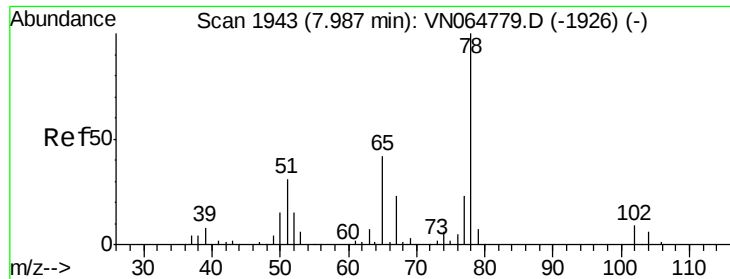


Abundance Ion 96.90 (96.60 to 97.60): VN064781.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064781.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064781.D (-1707) (-)

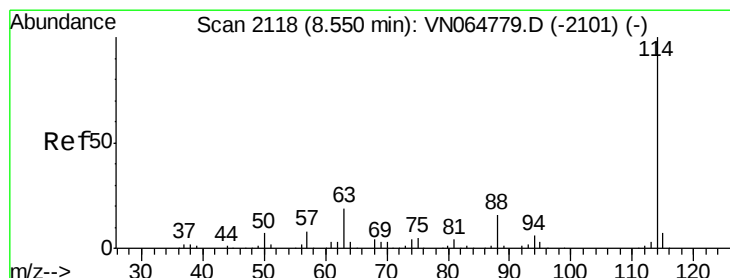
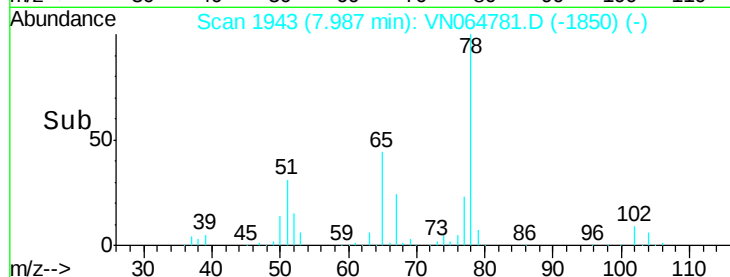
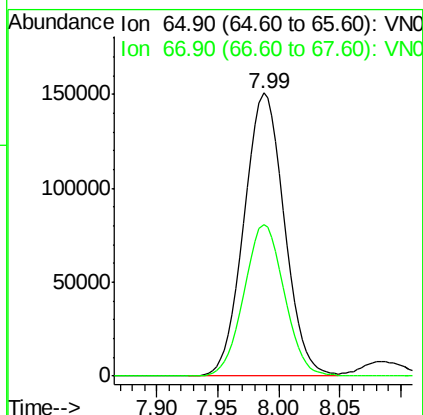
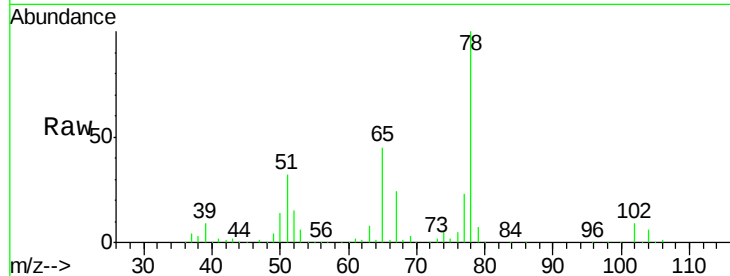




#33
 1,2-Dichloroethane-d4
 Concen: 109.427 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064781.D
 Acq: 23 Nov 2020 13:30

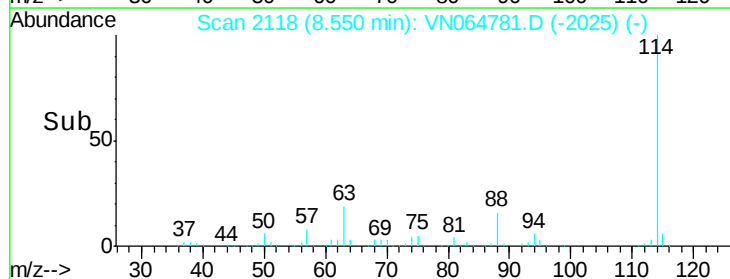
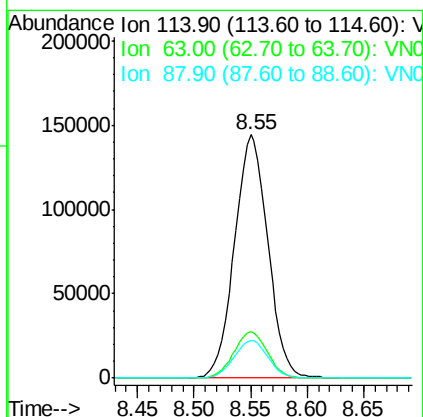
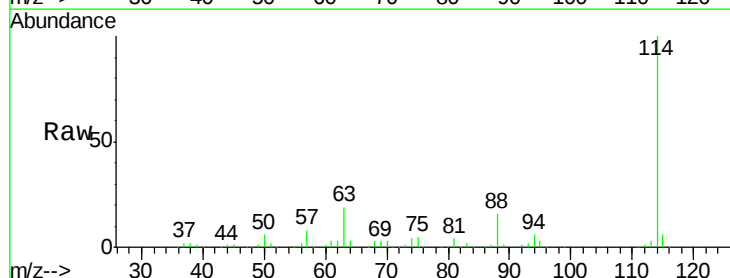
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 65 Resp: 345245
 Ion Ratio Lower Upper
 65 100
 67 53.7 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: VN064781.D
 Acq: 23 Nov 2020 13:30

Tgt Ion: 114 Resp: 296752
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.6 0.0 32.6

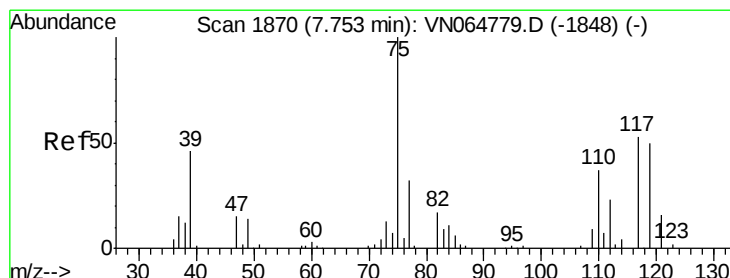
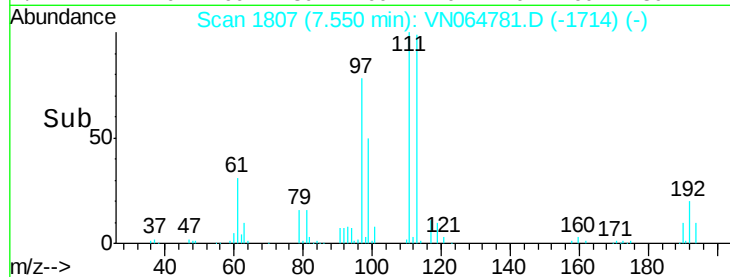
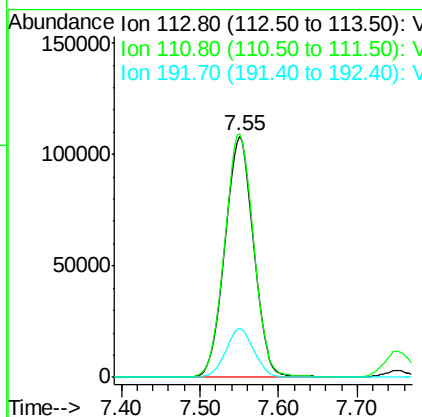
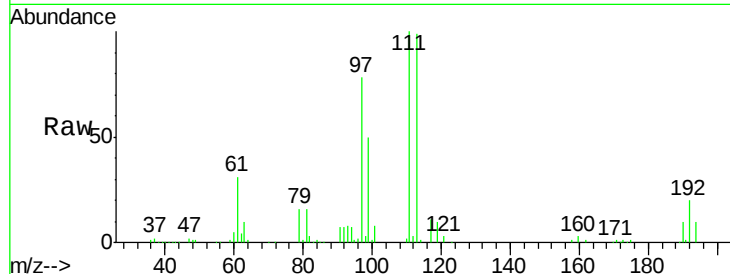




#35
 Dibromofluoromethane
 Concen: 159.923 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064781.D
 Acq: 23 Nov 2020 13:30

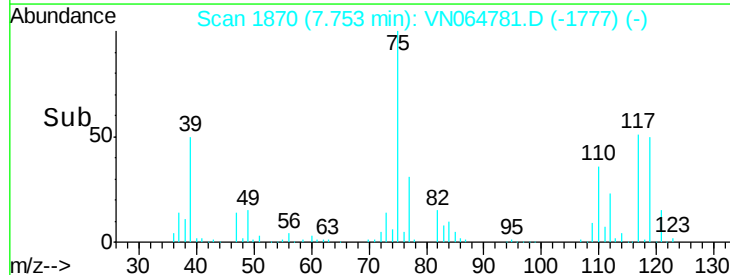
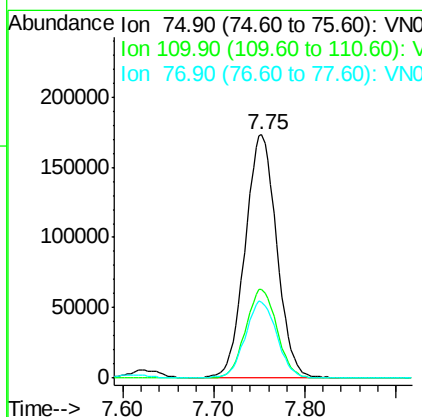
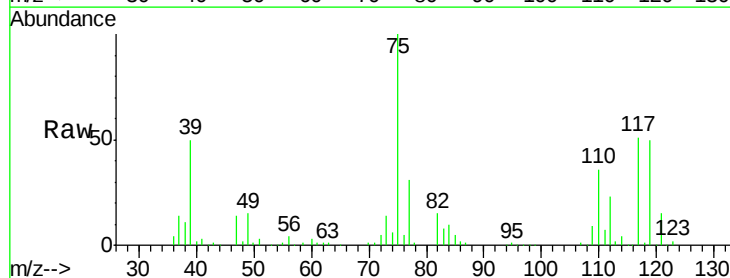
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

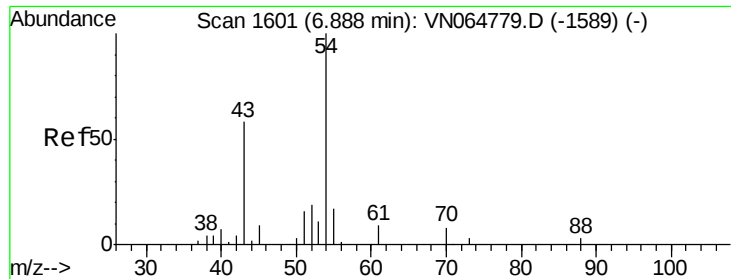
Tgt Ion: 113 Resp: 272468
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.6 122.4
 192 20.0 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 139.188 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064781.D
 Acq: 23 Nov 2020 13:30

Tgt Ion: 75 Resp: 416795
 Ion Ratio Lower Upper
 75 100
 110 36.3 17.8 53.3
 77 31.8 25.0 37.4

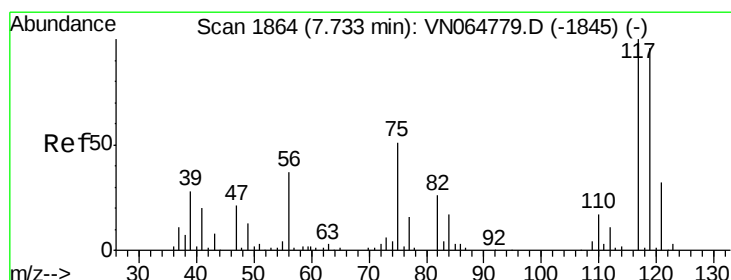
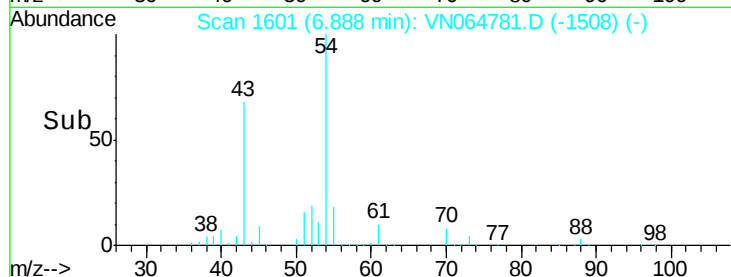
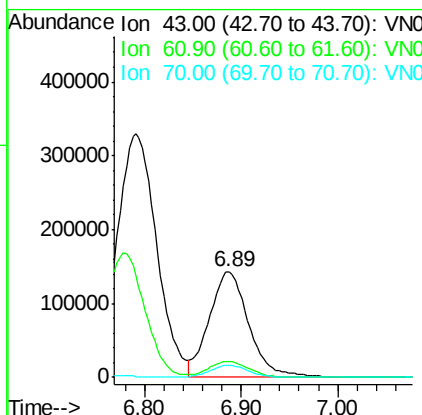
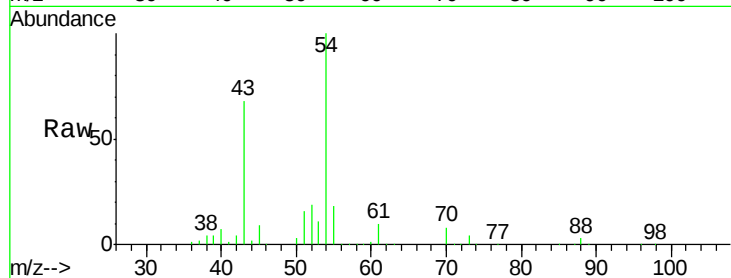




#37
Ethyl Acetate
Concen: 157.048 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

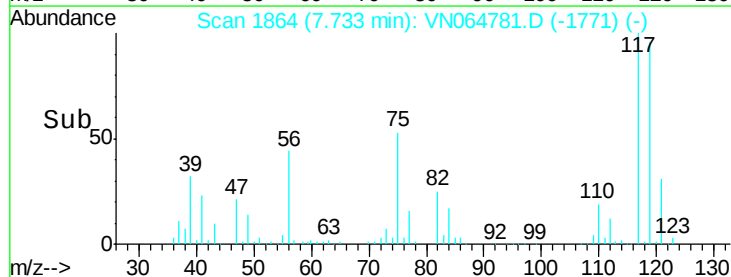
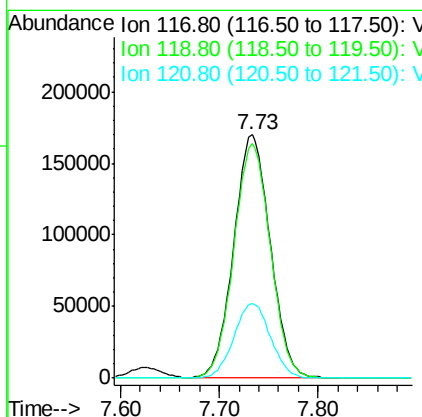
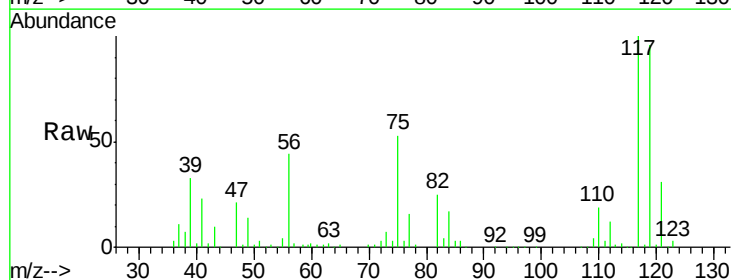
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

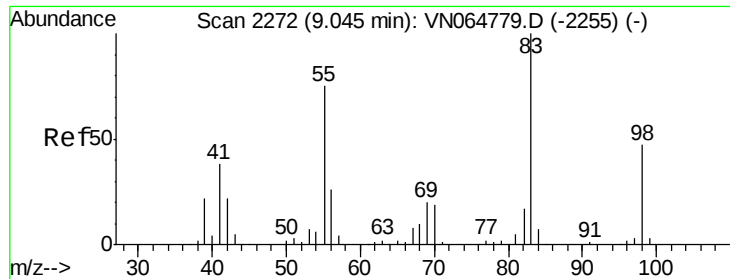
Tgt Ion: 43 Resp: 399097
Ion Ratio Lower Upper
43 100
61 15.1 12.8 19.2
70 11.2 8.8 13.2



#38
Carbon Tetrachloride
Concen: 137.838 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

Tgt Ion: 117 Resp: 434970
Ion Ratio Lower Upper
117 100
119 96.4 76.7 115.1
121 30.8 25.4 38.2

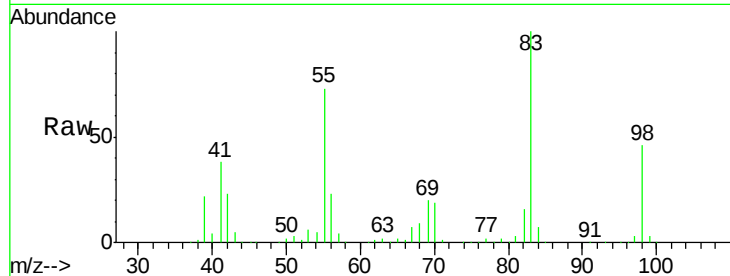




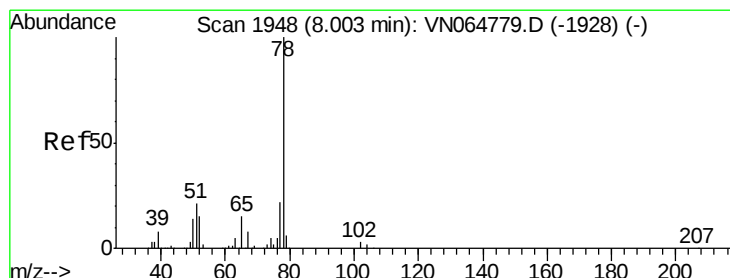
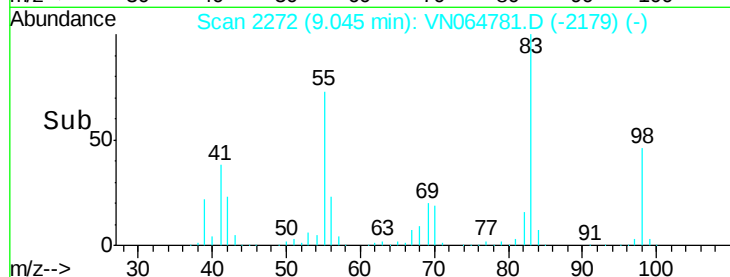
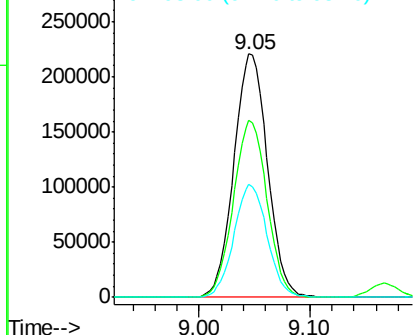
#39
Methylcyclohexane
Concen: 170.367 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 467011
Ion Ratio Lower Upper
83 100
55 72.5 60.2 90.2
98 46.2 37.4 56.2

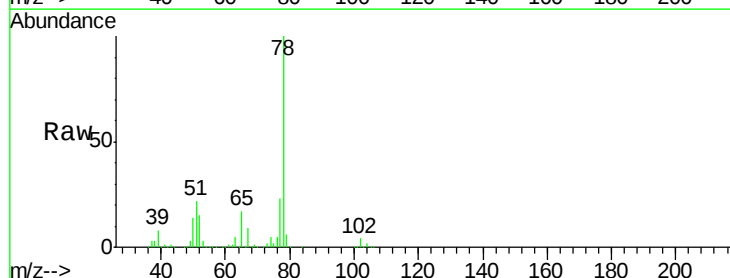


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

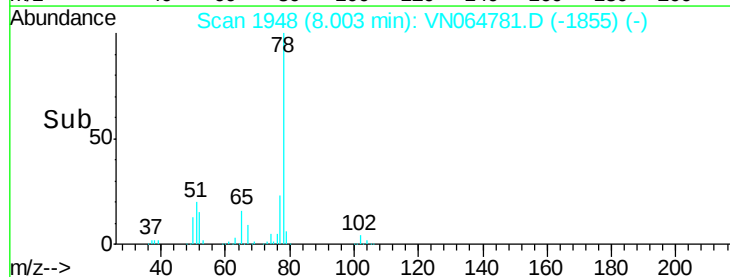
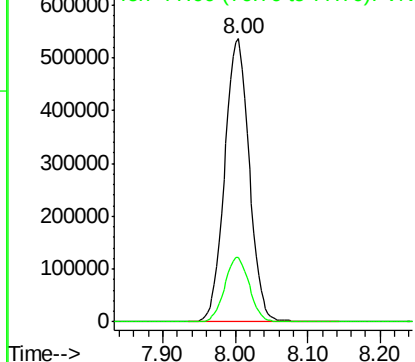


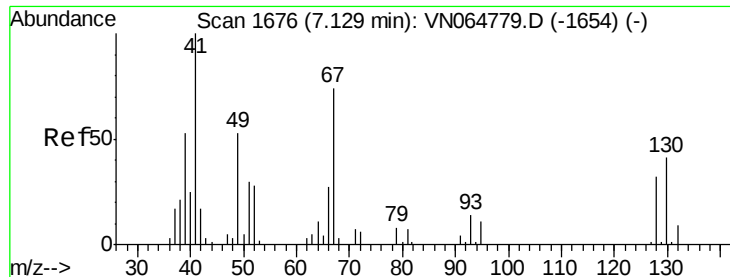
#40
Benzene
Concen: 149.912 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

Tgt Ion: 78 Resp: 1264209
Ion Ratio Lower Upper
78 100
77 22.9 17.9 26.9



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

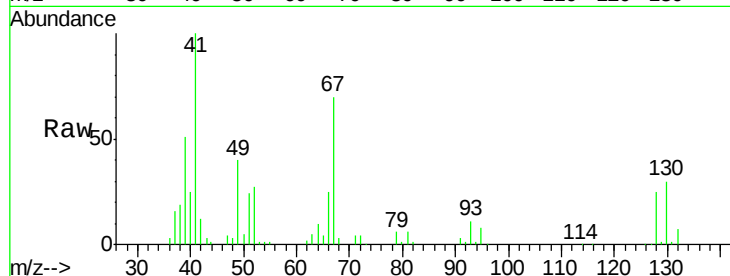




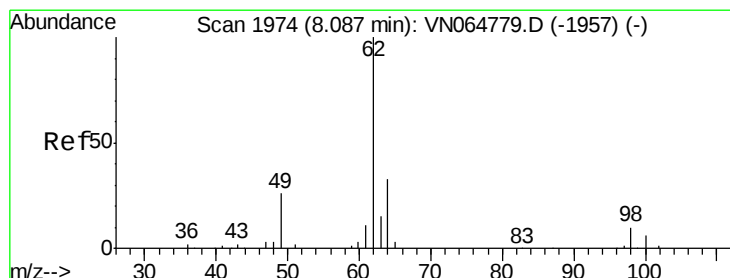
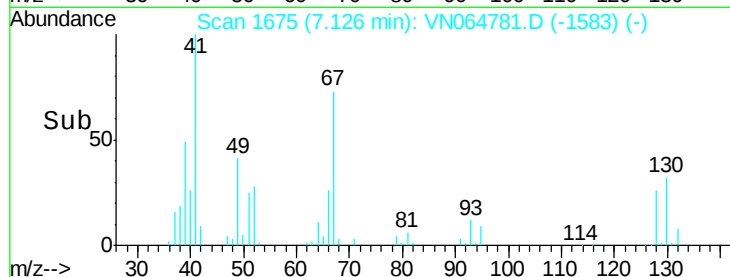
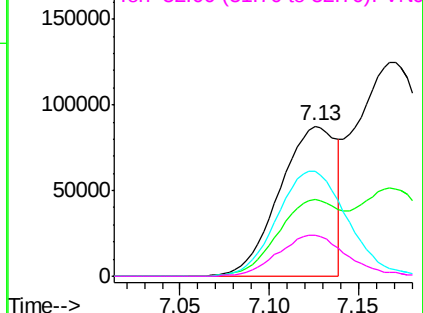
#41
Methacrylonitrile
Concen: 167.364 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:	41	Resp:	192859
Ion	Ratio	Lower	Upper
41	100		
39	55.6	51.0	76.6
67	87.6	79.8	119.8
52	33.2	31.5	47.3

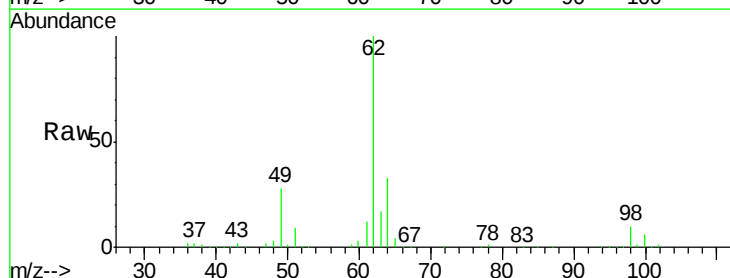


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

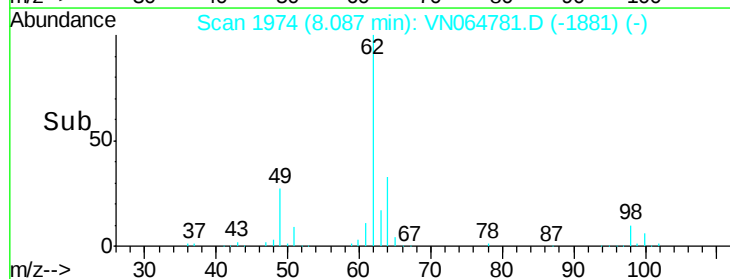
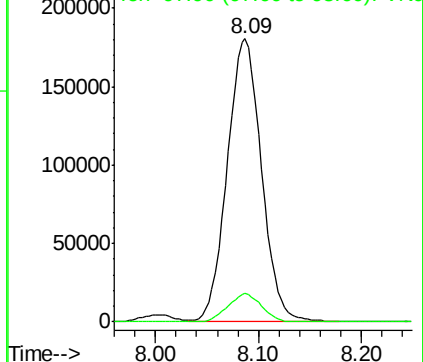


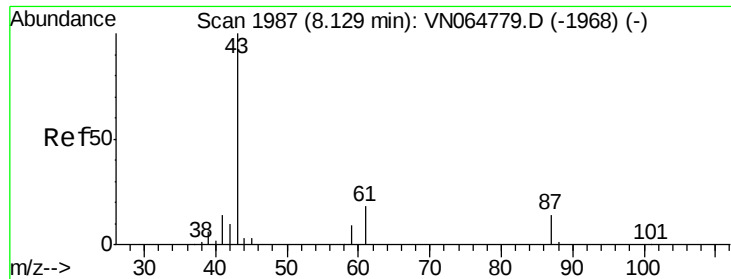
#42
1,2-Dichloroethane
Concen: 118.579 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

Tgt Ion:	62	Resp:	415090
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 137.621 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

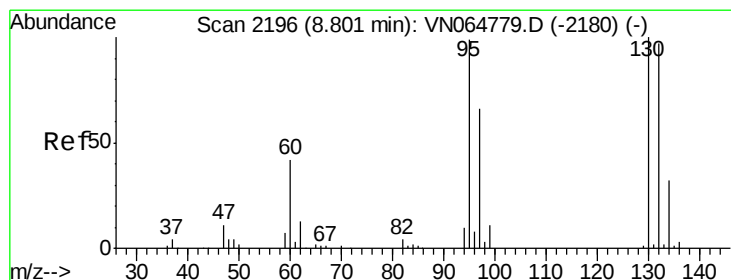
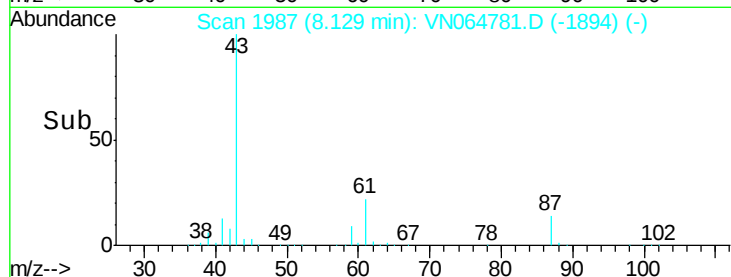
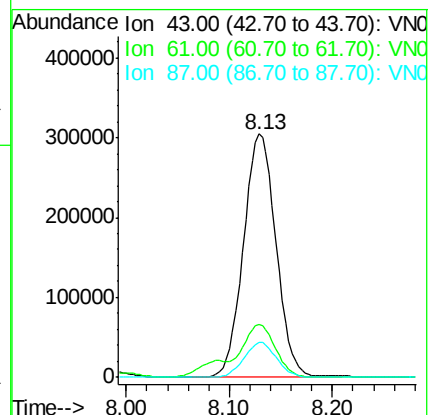
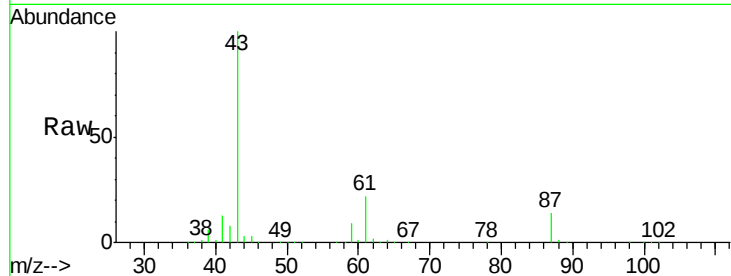
Tgt Ion: 43 Resp: 667544

Ion Ratio Lower Upper

43 100

61 21.5 17.2 25.8

87 14.2 11.4 17.0



#44

Trichloroethene

Concen: 147.594 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064781.D

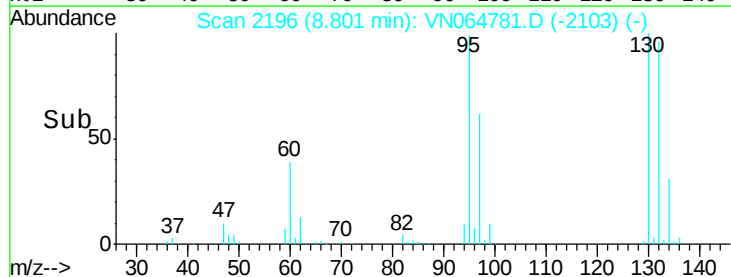
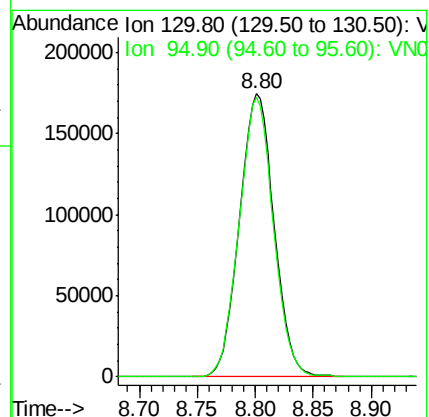
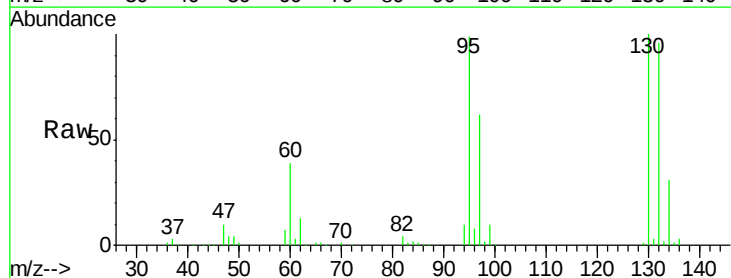
Acq: 23 Nov 2020 13:30

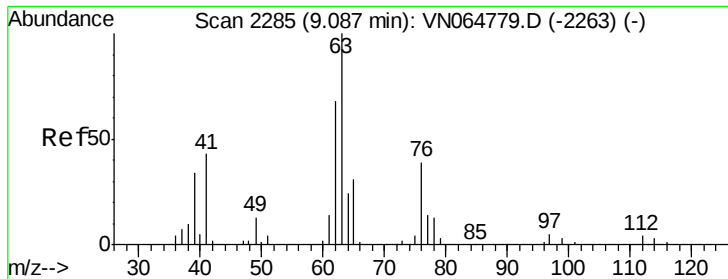
Tgt Ion: 130 Resp: 361279

Ion Ratio Lower Upper

130 100

95 99.0 0.0 197.8

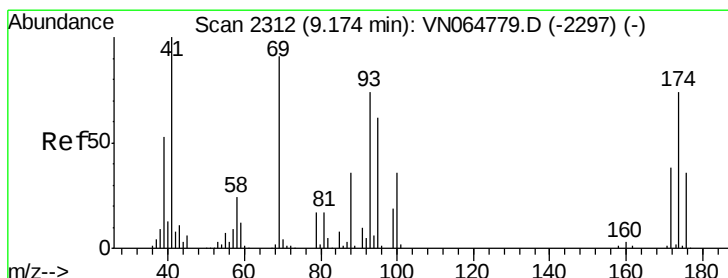
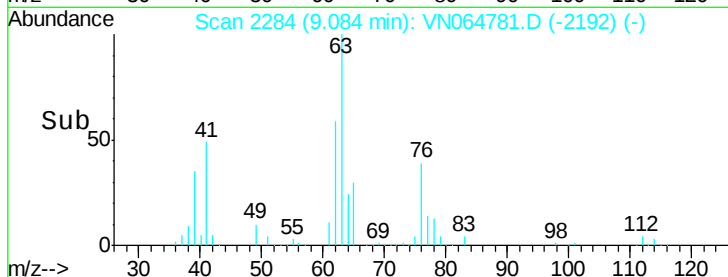
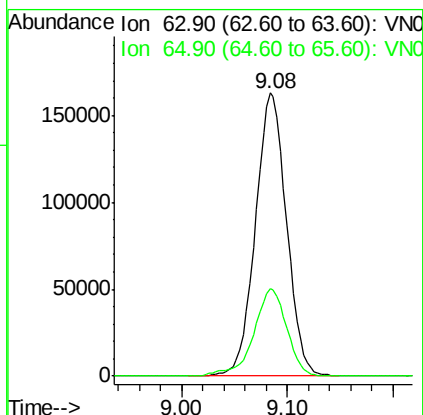
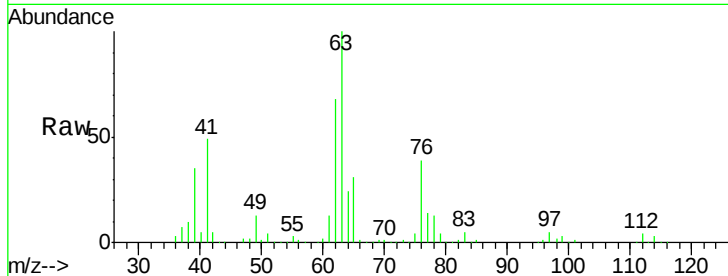




#45
 1,2-Dichloropropane
 Concen: 149.632 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064781.D
 Acq: 23 Nov 2020 13:30

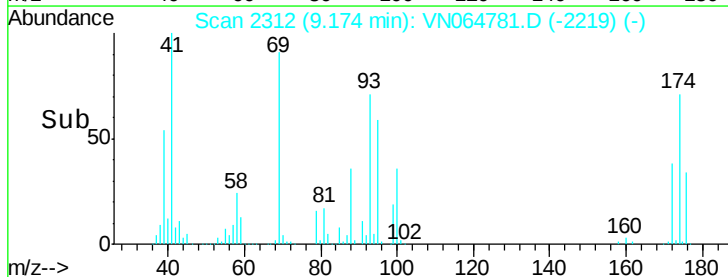
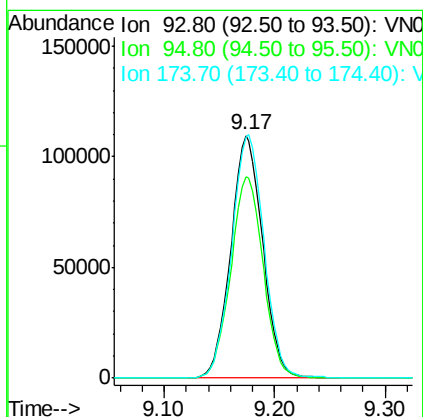
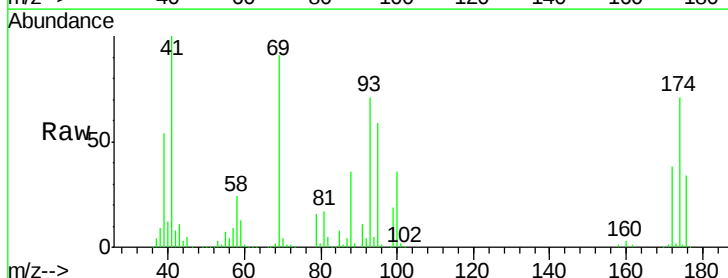
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

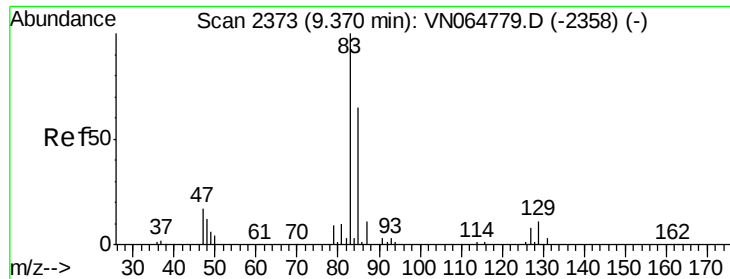
Tgt Ion: 63 Resp: 335011
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.4



#46
 Dibromomethane
 Concen: 139.947 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064781.D
 Acq: 23 Nov 2020 13:30

Tgt Ion: 93 Resp: 219610
 Ion Ratio Lower Upper
 93 100
 95 84.4 68.8 103.2
 174 101.9 83.1 124.7





#47

Bromodichloromethane

Concen: 137.562 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

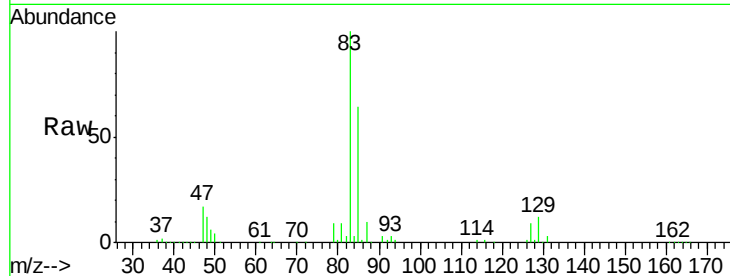
Tgt Ion: 83 Resp: 451824

Ion Ratio Lower Upper

83 100

85 64.4 51.8 77.8

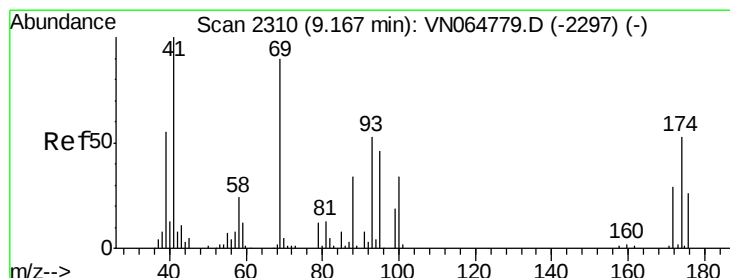
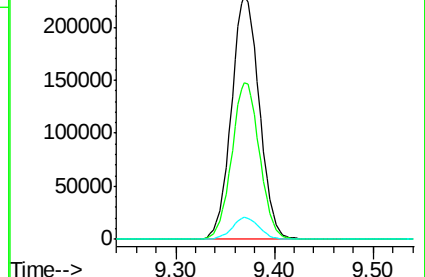
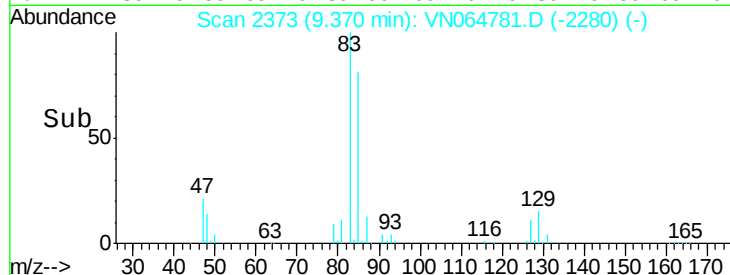
127 8.9 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064781.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064781.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064781.D (-2280) (-)



#48

Methyl methacrylate

Concen: 143.887 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

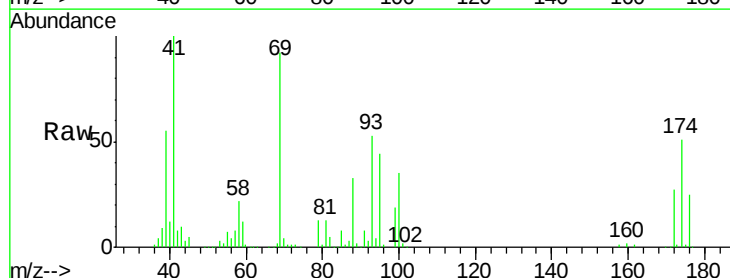
Tgt Ion: 41 Resp: 328187

Ion Ratio Lower Upper

41 100

69 90.9 71.8 107.8

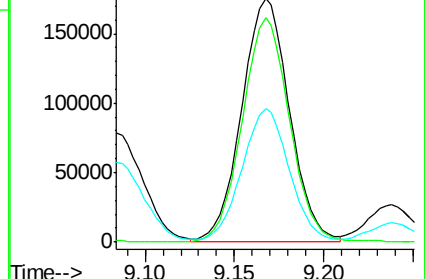
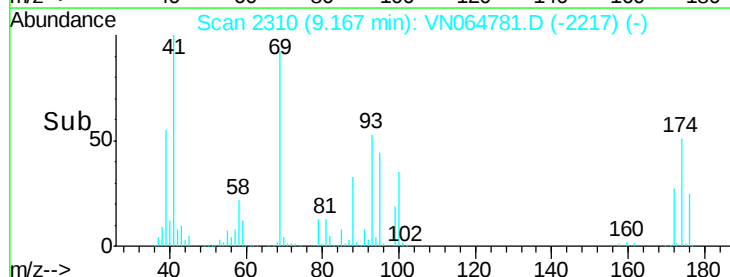
39 54.3 44.1 66.1

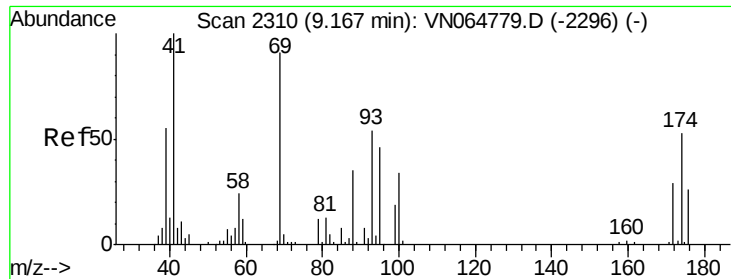


Abundance Ion 41.00 (40.70 to 41.70): VN064781.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064781.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064781.D (-2217) (-)

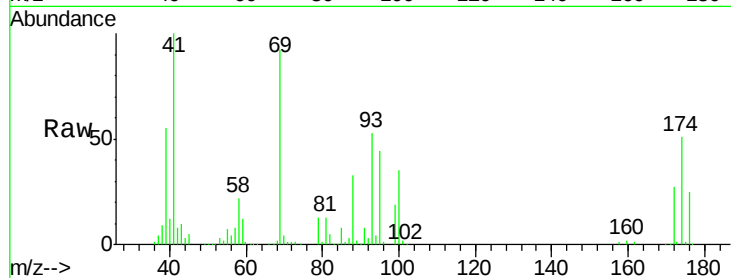




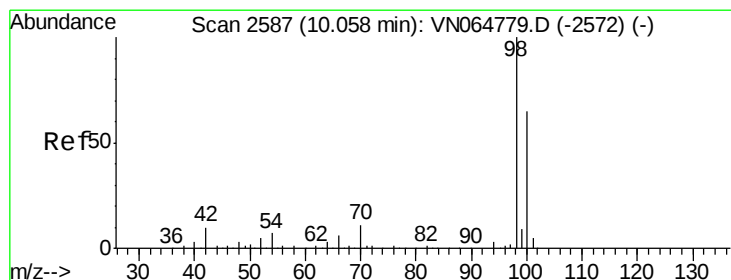
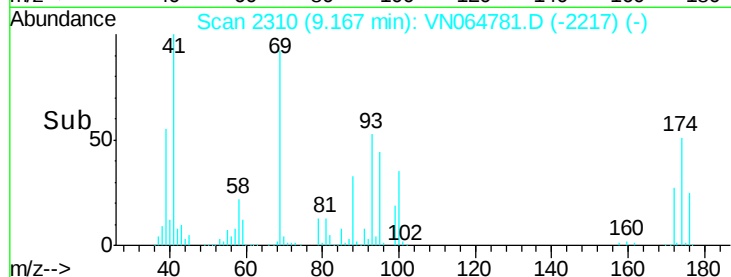
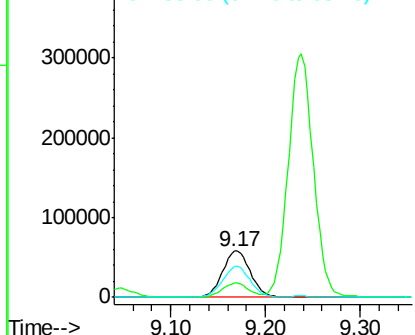
#49
1,4-Dioxane
Concen: 3853.907 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 118842
Ion Ratio Lower Upper
88 100
43 29.0 24.2 36.4
58 66.5 52.5 78.7

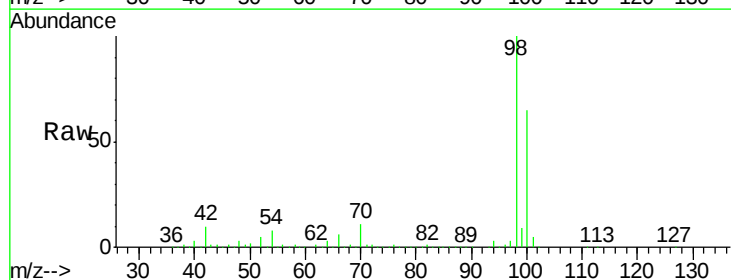


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

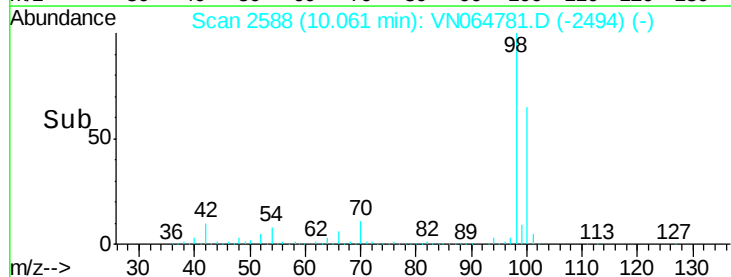
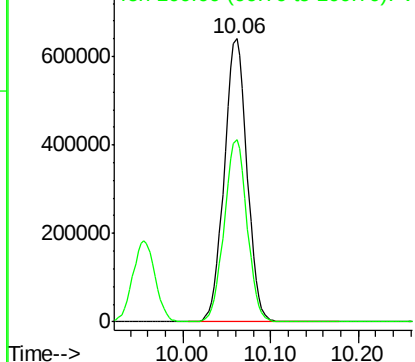


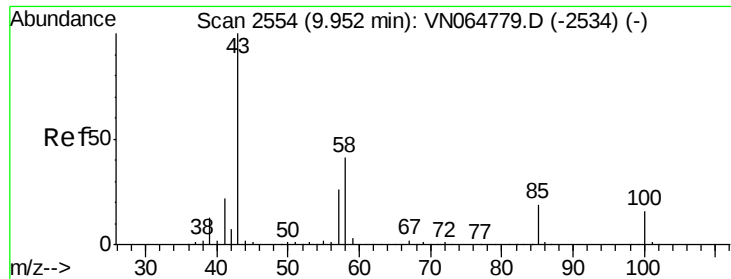
#50
Toluene-d8
Concen: 152.762 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

Tgt Ion: 98 Resp: 1158607
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 768.044 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

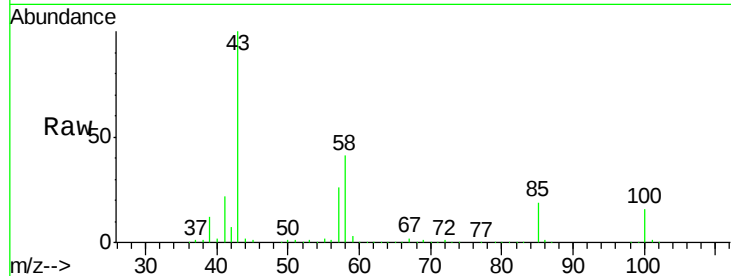
VSTDIC150

Tgt Ion: 43 Resp: 2028075

Ion Ratio Lower Upper

43 100

58 40.8 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

9.96

1200000

1000000

800000

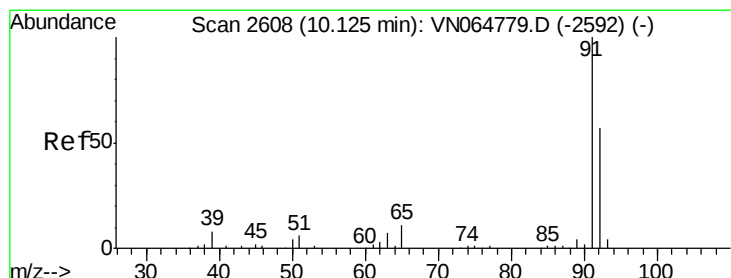
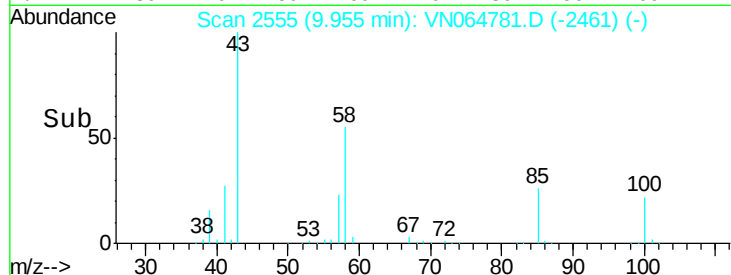
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 153.796 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064781.D

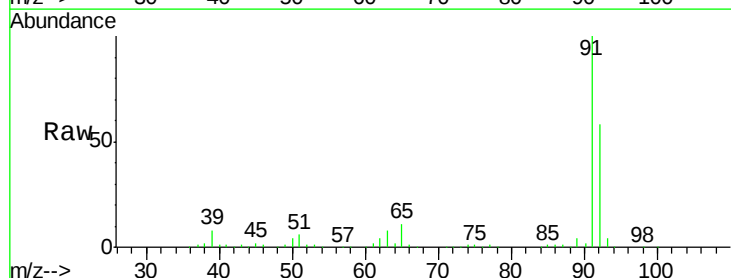
Acq: 23 Nov 2020 13:30

Tgt Ion: 92 Resp: 796184

Ion Ratio Lower Upper

92 100

91 172.2 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

10.13

800000

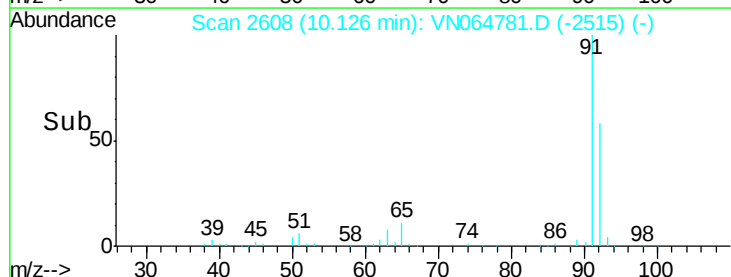
600000

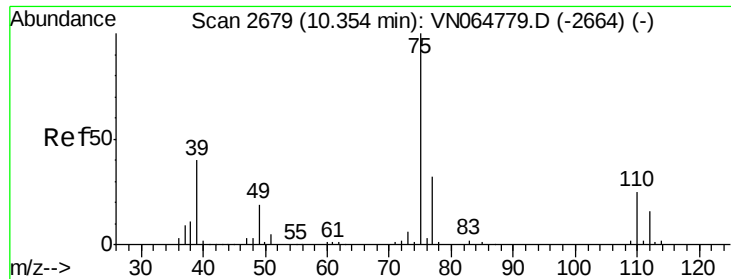
400000

200000

0

Time-->

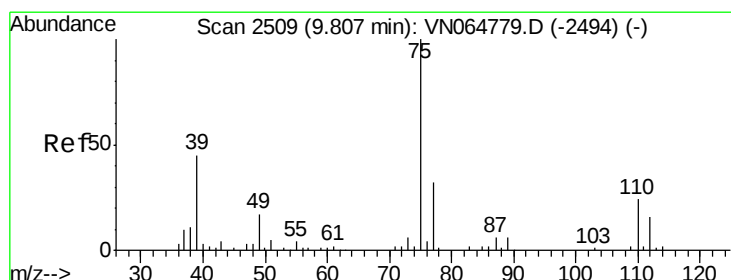
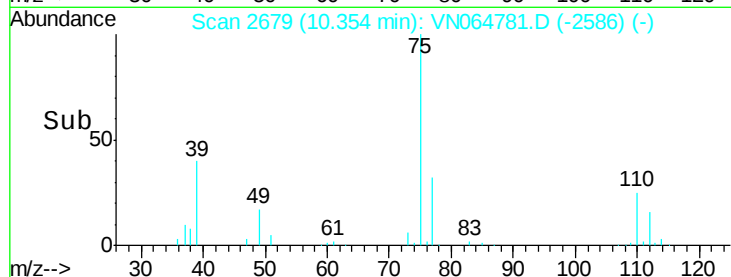
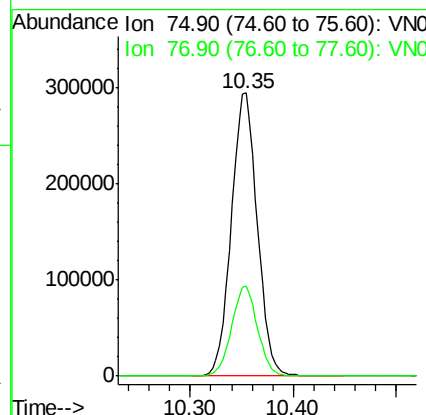
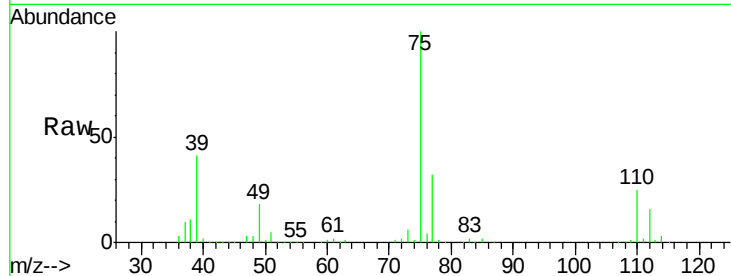




#53
 t-1,3-Dichloropropene
 Concen: 146.773 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN064781.D
 Acq: 23 Nov 2020 13:30

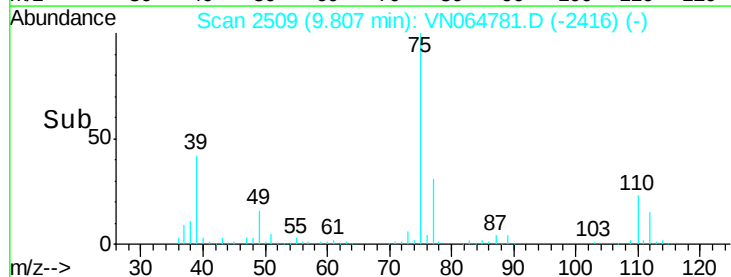
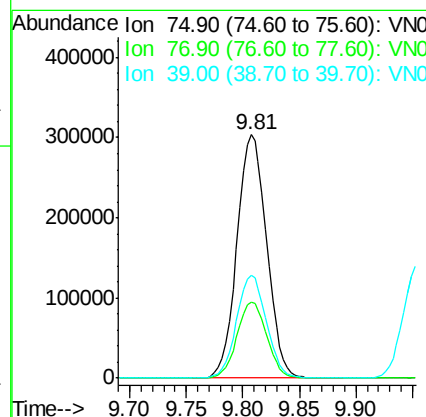
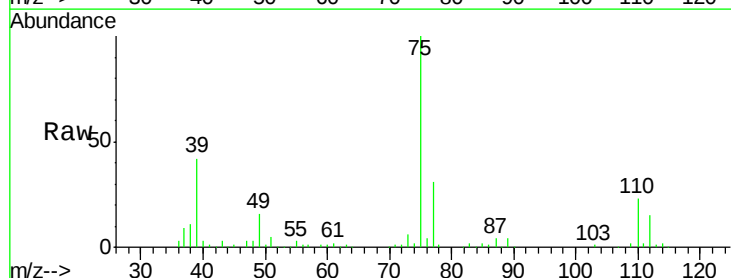
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

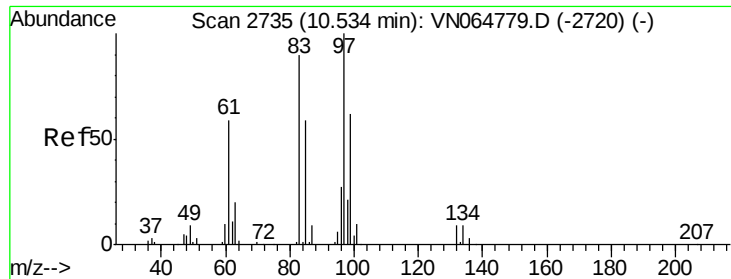
Tgt Ion: 75 Resp: 516818
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 151.582 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064781.D
 Acq: 23 Nov 2020 13:30

Tgt Ion: 75 Resp: 556942
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.5 38.3
 39 42.2 35.6 53.4

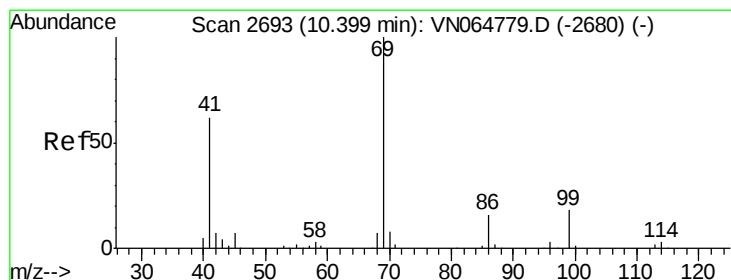
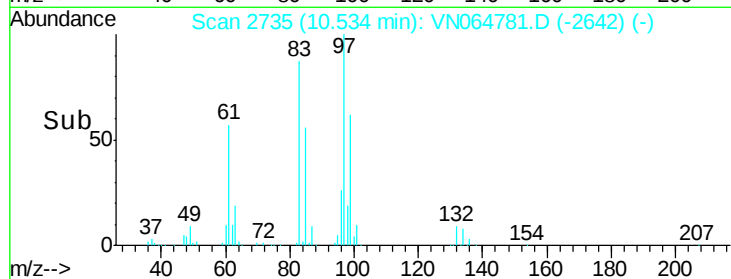
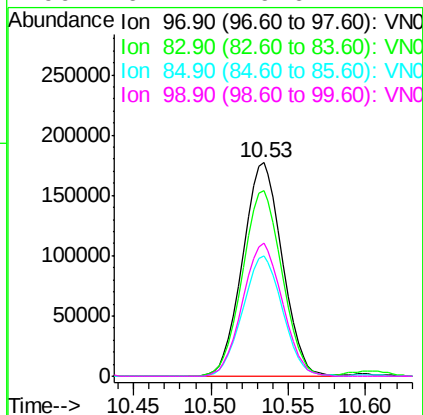
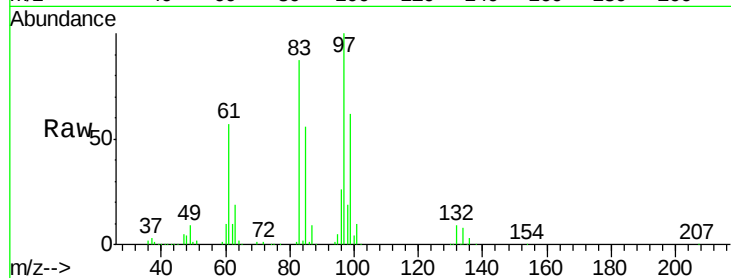




#55
 1,1,2-Trichloroethane
 Concen: 152.212 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064781.D
 Acq: 23 Nov 2020 13:30

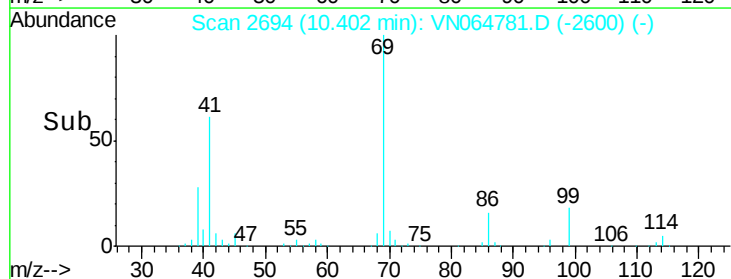
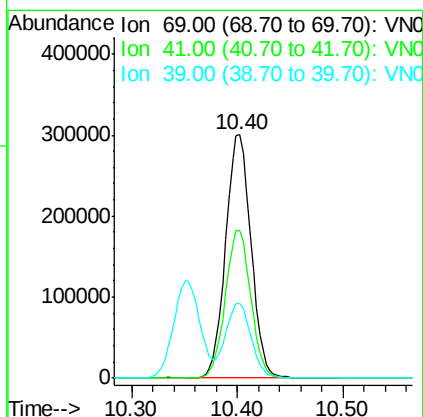
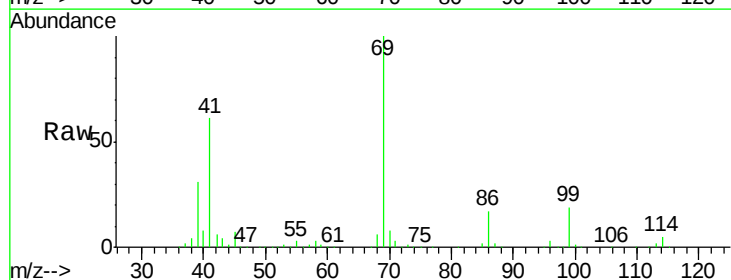
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

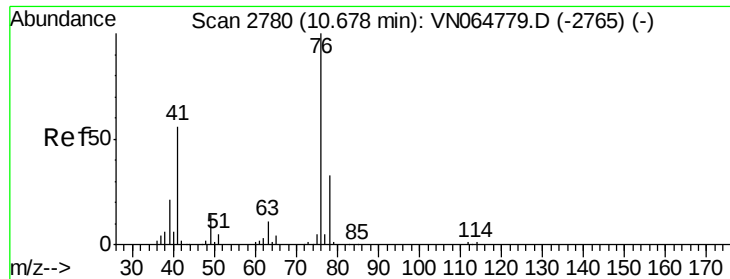
Tgt Ion: 97 Resp: 315930
 Ion Ratio Lower Upper
 97 100
 83 87.0 72.1 108.1
 85 56.5 46.8 70.2
 99 62.2 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 172.724 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064781.D
 Acq: 23 Nov 2020 13:30

Tgt Ion: 69 Resp: 500405
 Ion Ratio Lower Upper
 69 100
 41 60.5 49.4 74.0
 39 31.3 25.9 38.9

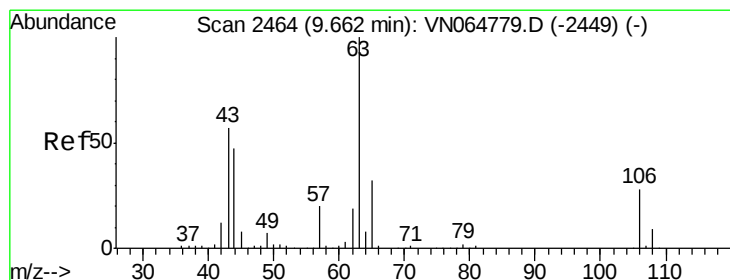
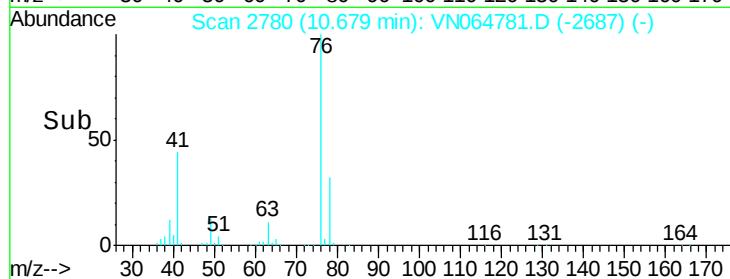
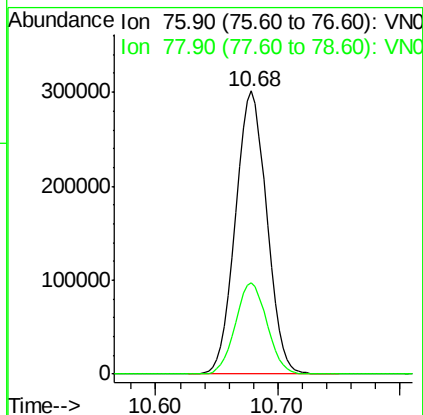
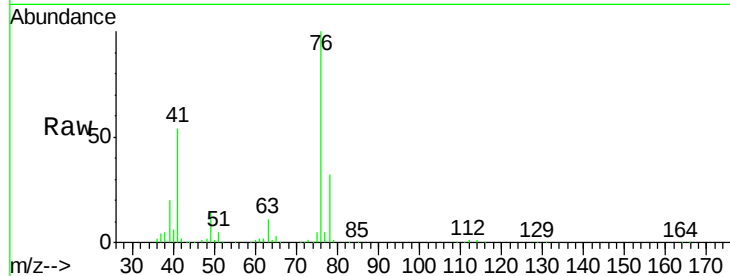




#57
 1,3-Dichloropropane
 Concen: 149.056 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064781.D
 Acq: 23 Nov 2020 13:30

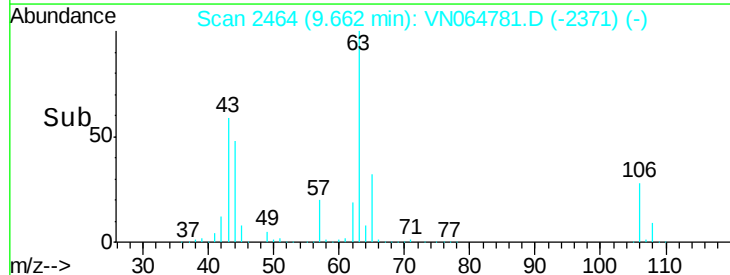
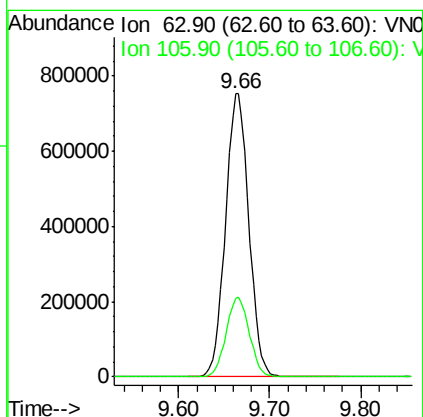
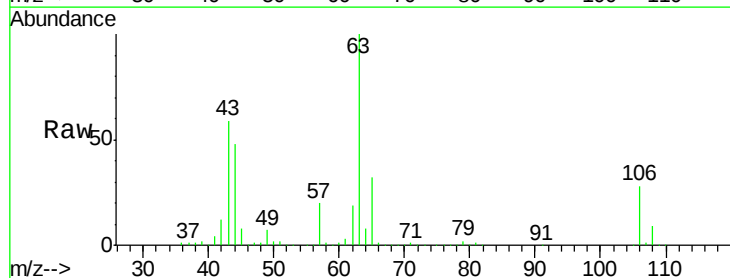
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

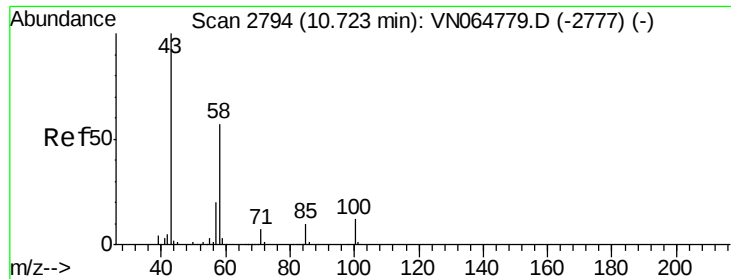
Tgt Ion: 76 Resp: 535566
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 839.178 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064781.D
 Acq: 23 Nov 2020 13:30

Tgt Ion: 63 Resp: 1340196
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.7 34.1

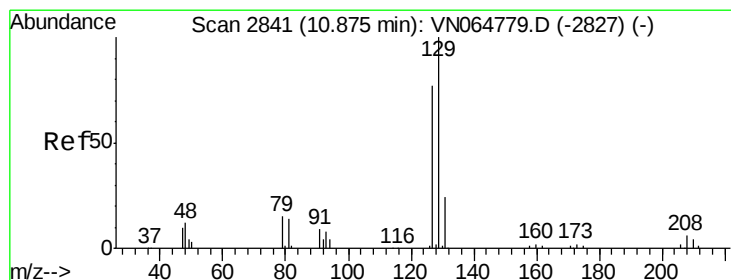
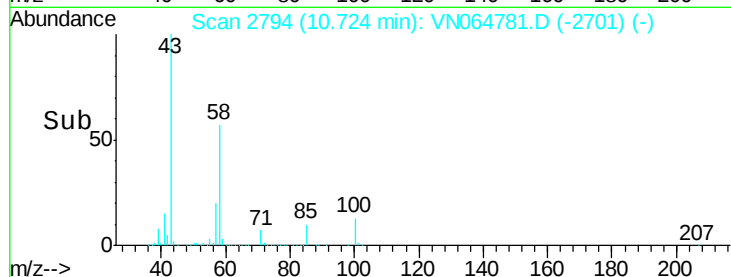
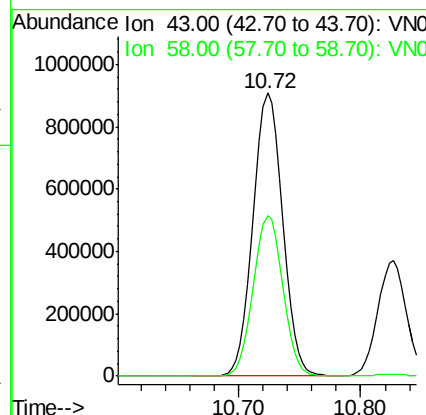
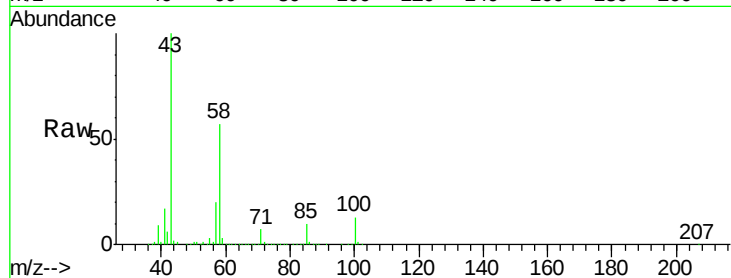




#59
2-Hexanone
Concen: 795.507 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

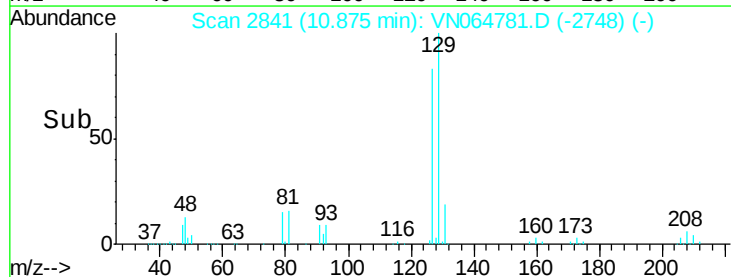
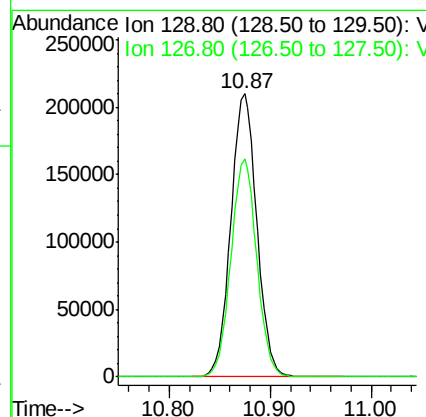
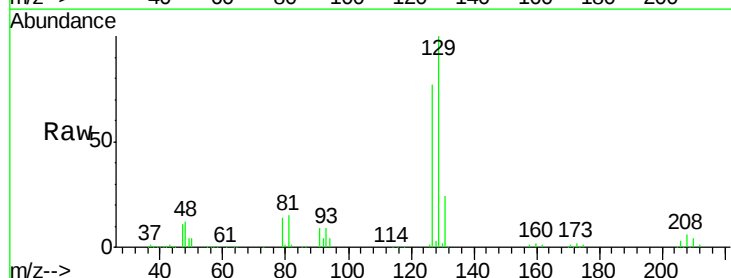
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

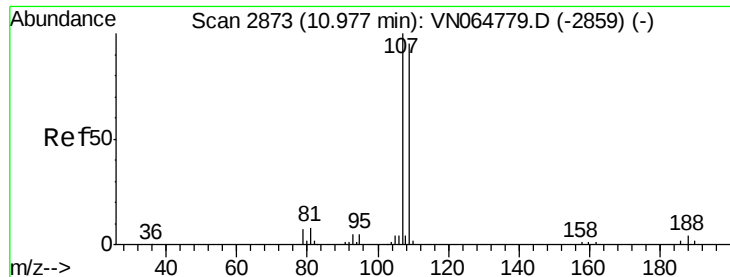
Tgt Ion: 43 Resp: 1516807
Ion Ratio Lower Upper
43 100
58 56.7 28.3 84.9



#60
Dibromochloromethane
Concen: 156.833 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

Tgt Ion: 129 Resp: 377556
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 150.658 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

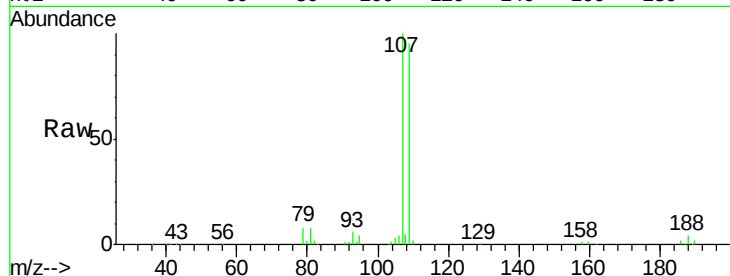
VSTDIC150

Tgt Ion: 107 Resp: 334205

Ion Ratio Lower Upper

107 100

109 95.4 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

200000

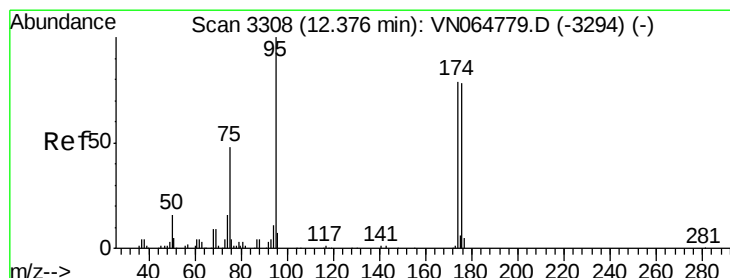
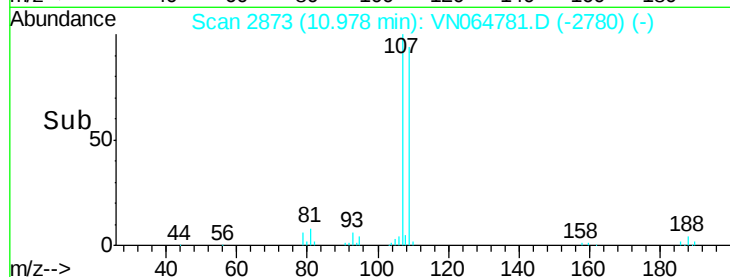
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 154.340 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

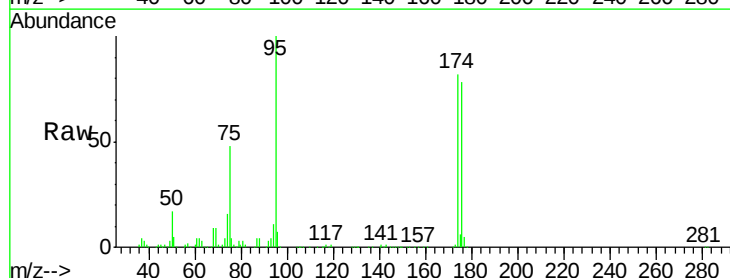
Tgt Ion: 95 Resp: 432867

Ion Ratio Lower Upper

95 100

174 80.3 0.0 160.4

176 77.5 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

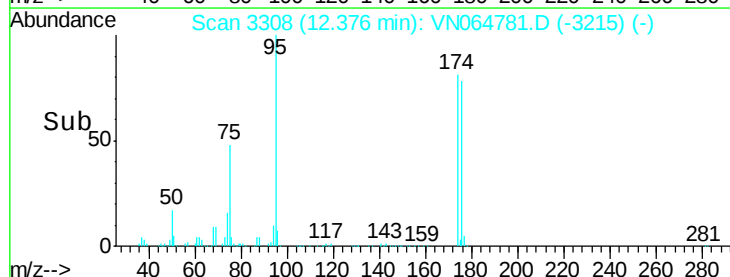
300000

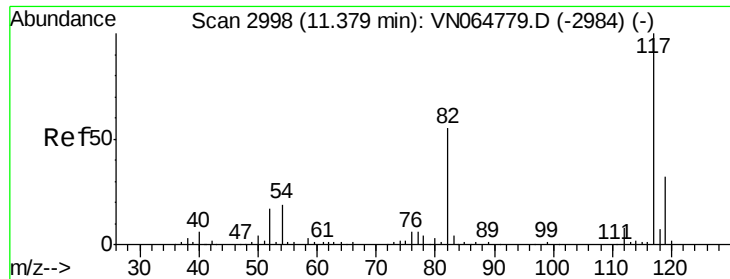
200000

100000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

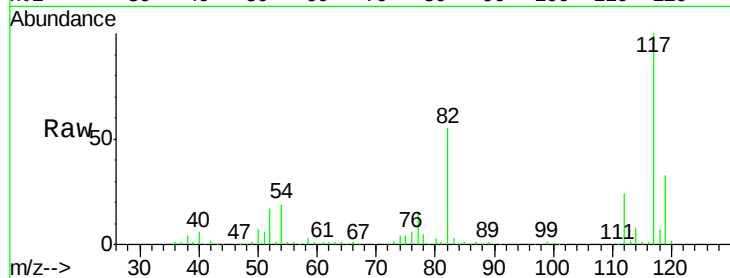
Tgt Ion:117 Resp: 275889

Ion Ratio Lower Upper

117 100

82 54.6 44.2 66.2

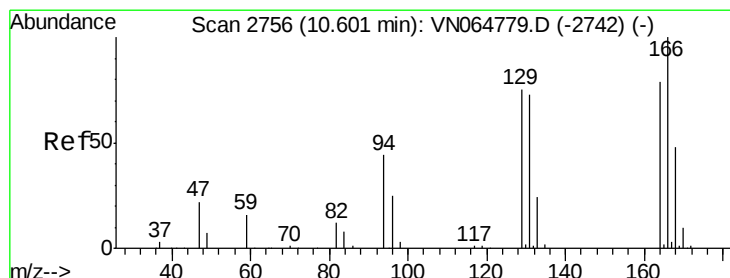
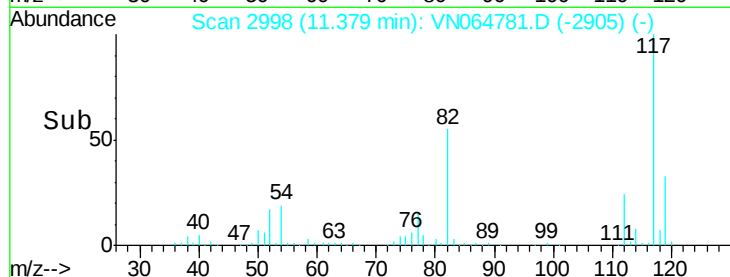
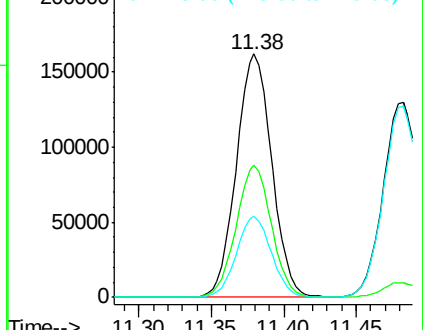
119 33.1 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 147.781 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Tgt Ion:164 Resp: 364781

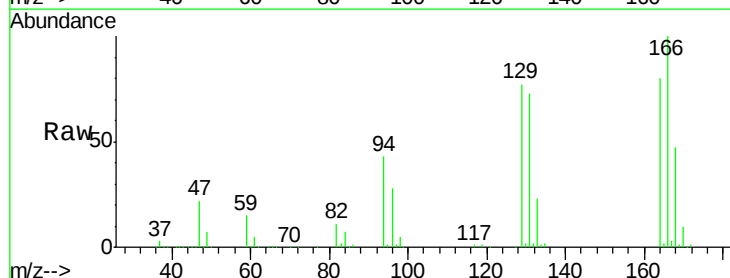
Ion Ratio Lower Upper

164 100

166 125.0 101.4 152.0

129 96.0 76.1 114.1

131 91.7 74.2 111.2

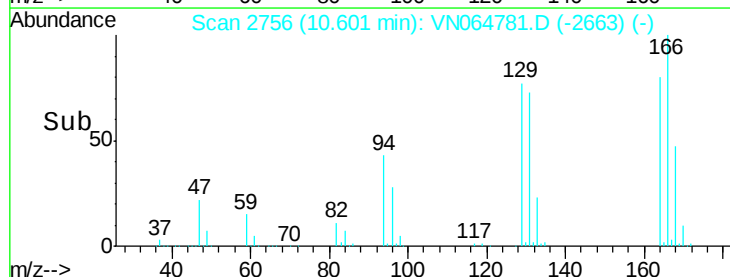
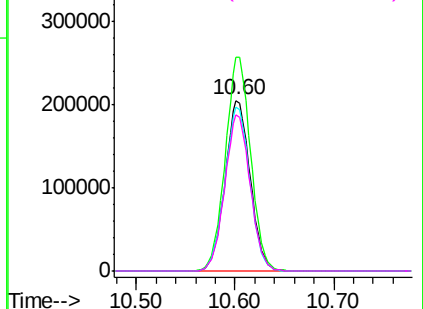


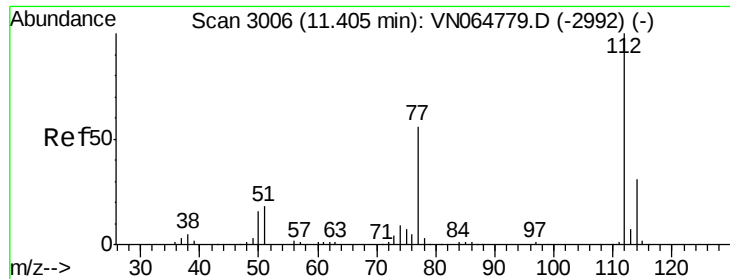
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

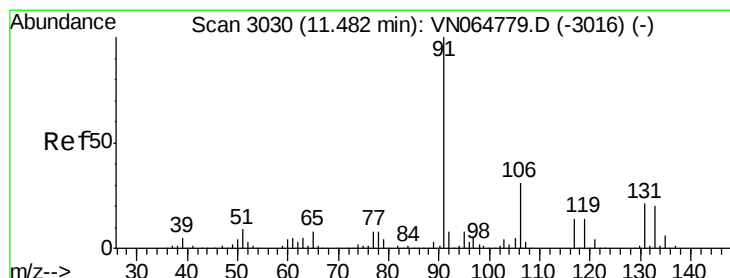
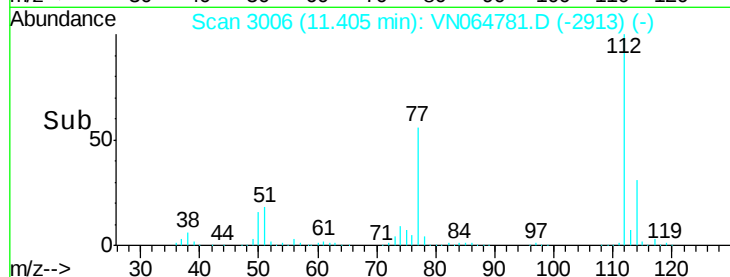
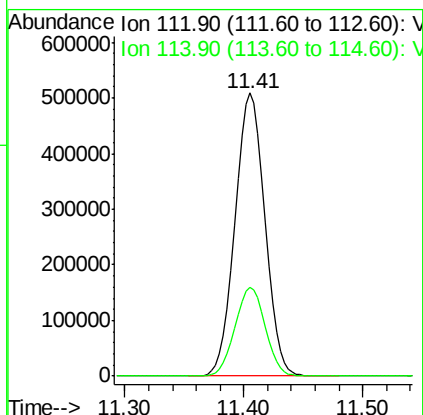
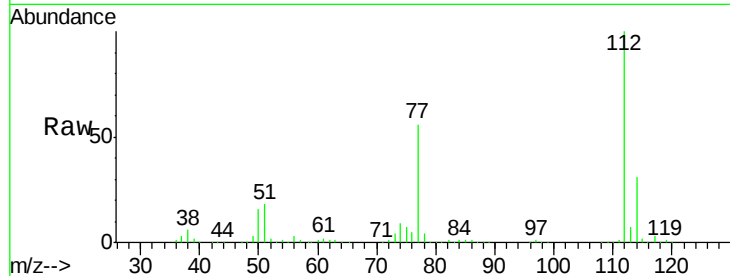




#65
Chlorobenzene
Concen: 151.788 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

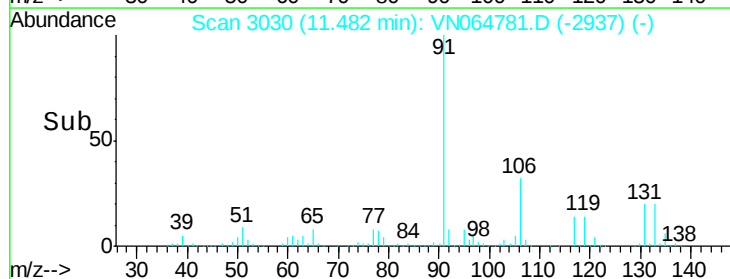
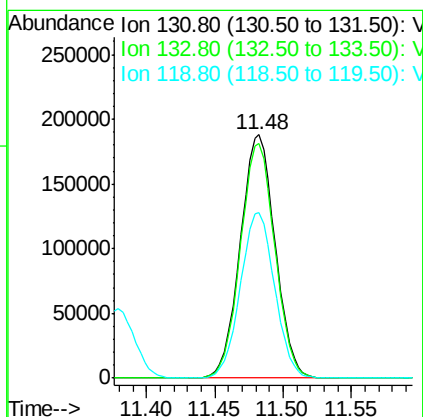
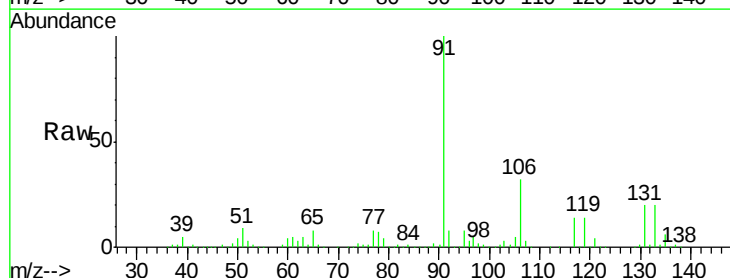
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

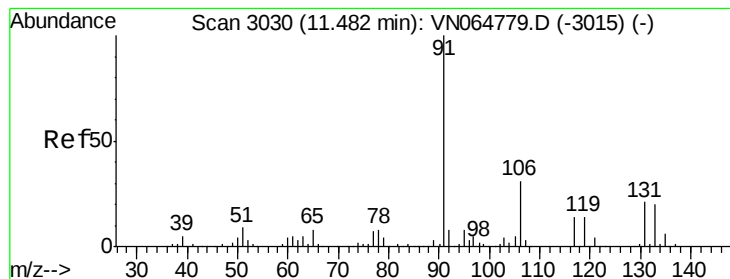
Tgt Ion:112 Resp: 884185
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 152.308 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

Tgt Ion:131 Resp: 333094
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 67.1 33.3 99.8





#67

Ethyl Benzene

Concen: 151.442 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

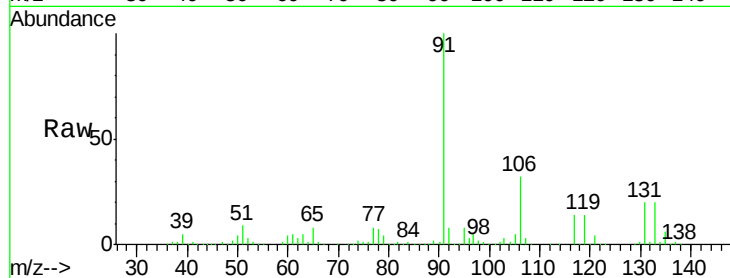
VSTDIC150

Tgt Ion: 91 Resp: 1547199

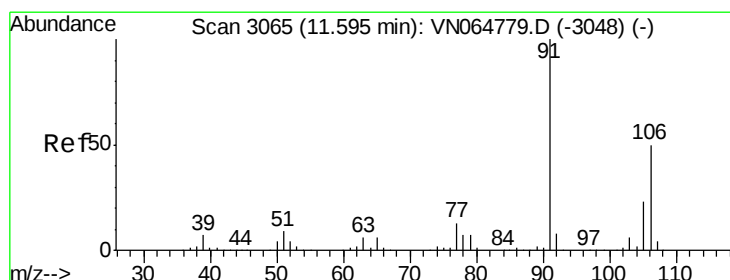
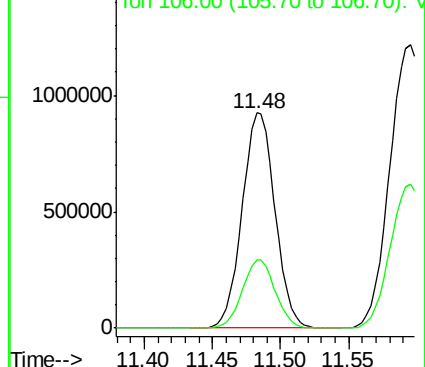
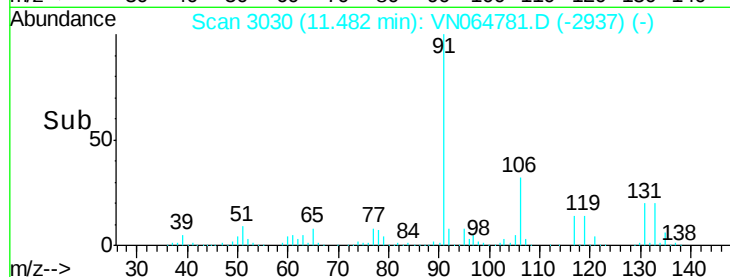
Ion Ratio Lower Upper

91 100

106 31.5 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VN064781.D (-2937) (-)



#68

m/p-Xylenes

Concen: 323.947 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064781.D

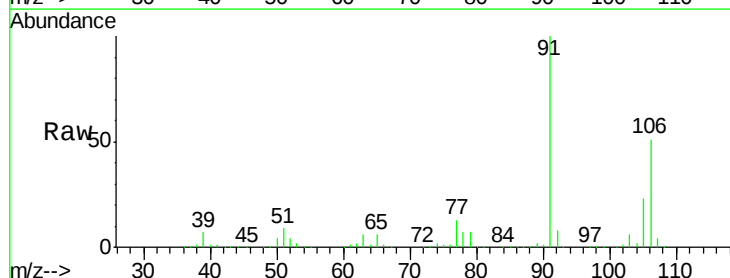
Acq: 23 Nov 2020 13:30

Tgt Ion: 106 Resp: 1196096

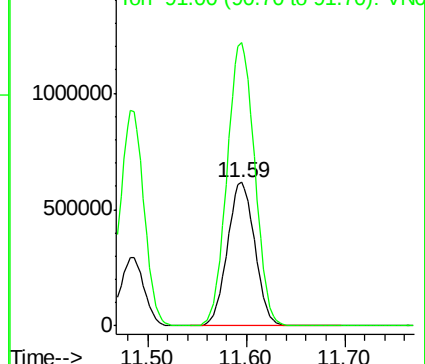
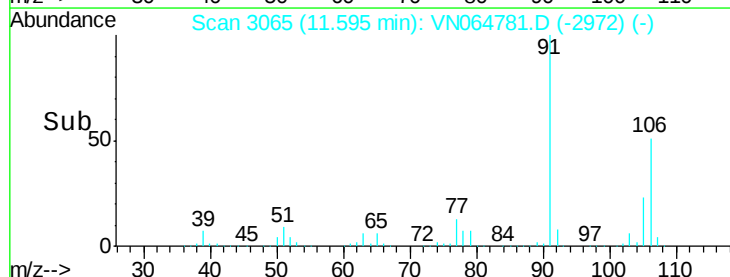
Ion Ratio Lower Upper

106 100

91 199.3 161.0 241.4



Abundance Ion 106.00 (105.70 to 106.70): VN064781.D (-2972) (-)

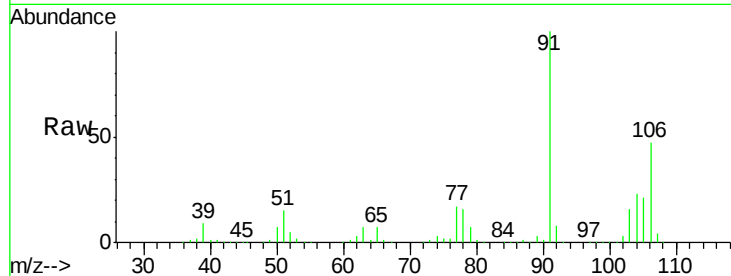




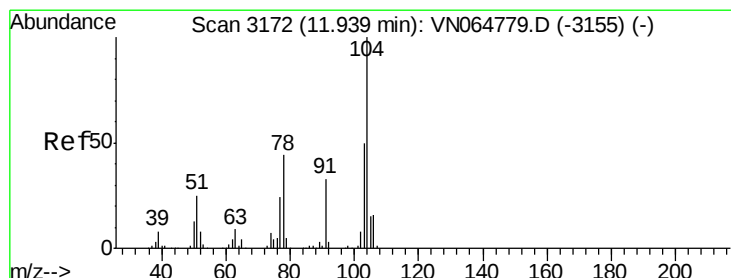
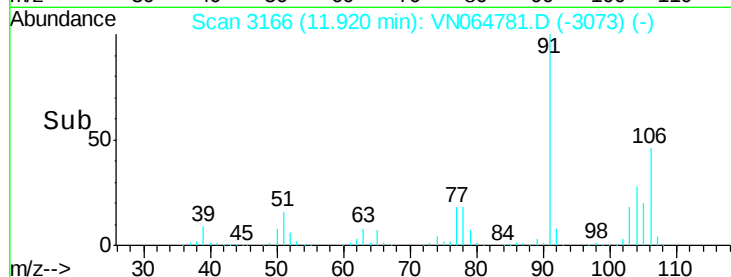
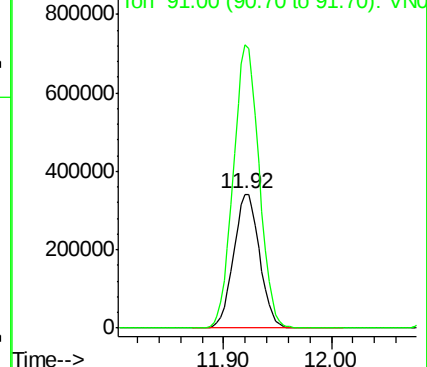
#69
o-Xylene
Concen: 160.388 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 574871
Ion Ratio Lower Upper
106 100
91 210.0 105.5 316.5

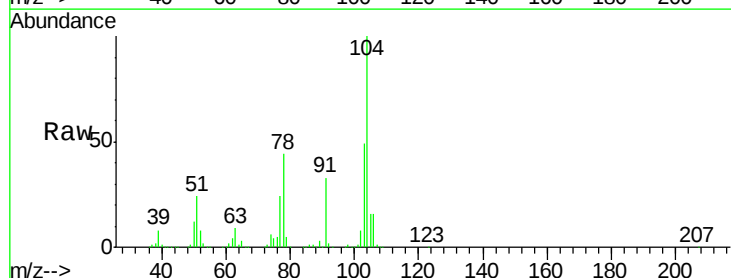


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

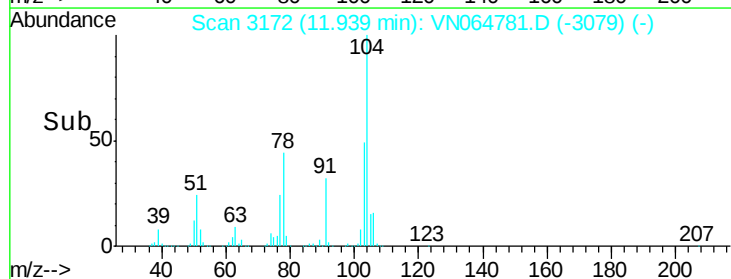
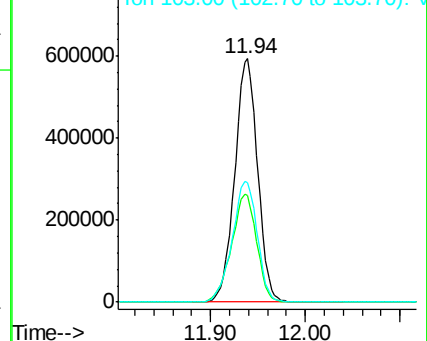


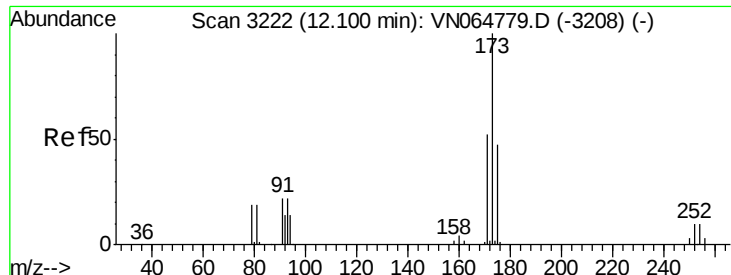
#70
Styrene
Concen: 163.975 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

Tgt Ion:104 Resp: 995157
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.6
103 54.5 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

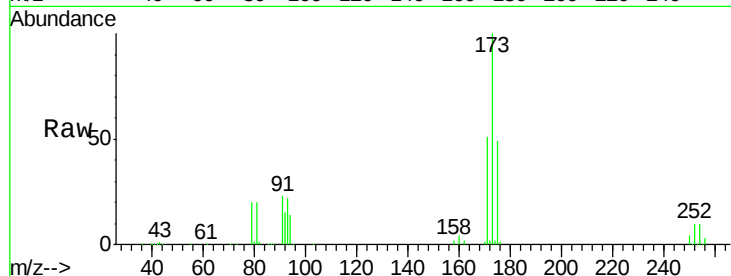




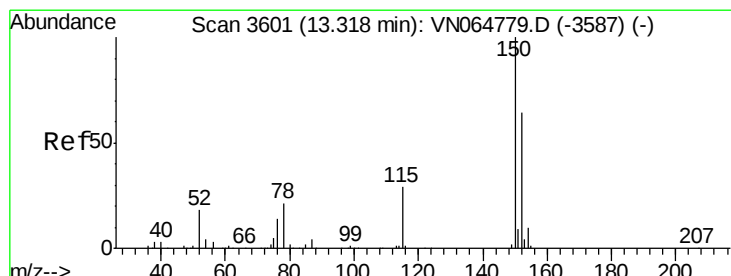
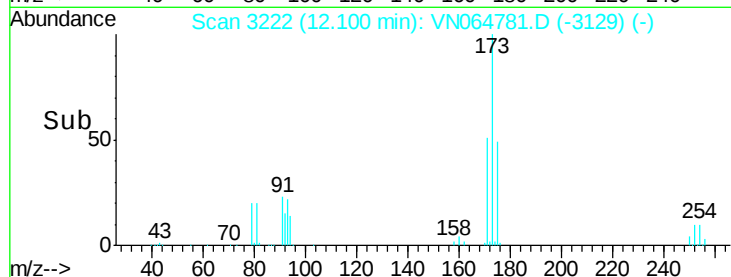
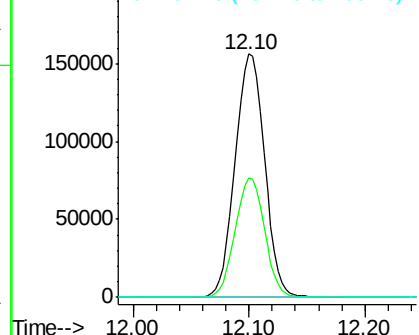
#71
Bromoform
Concen: 179.058 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:173 Resp: 274886
Ion Ratio Lower Upper
173 100
175 48.9 24.3 72.8
254 0.1 0.0 0.0#

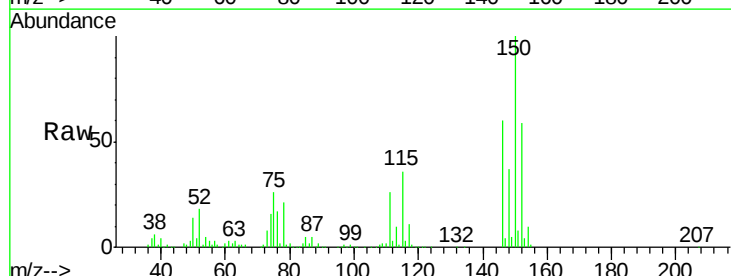


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

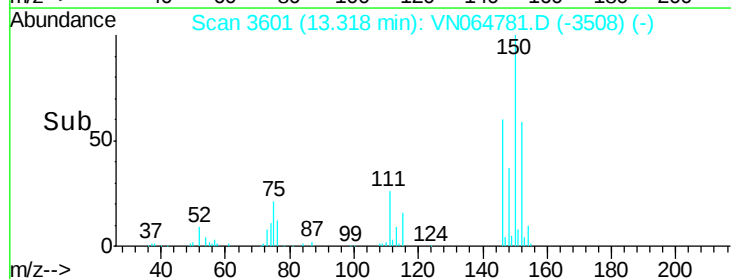
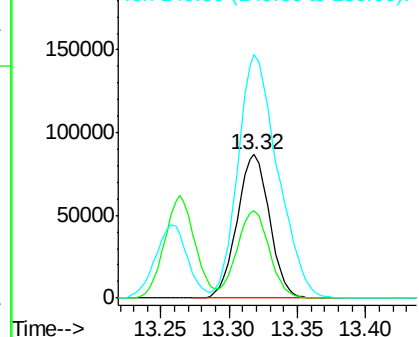


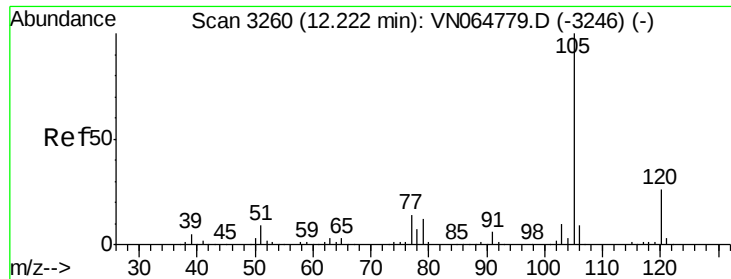
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

Tgt Ion:152 Resp: 143201
Ion Ratio Lower Upper
152 100
115 61.1 29.7 89.1
150 207.1 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: 149.369 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

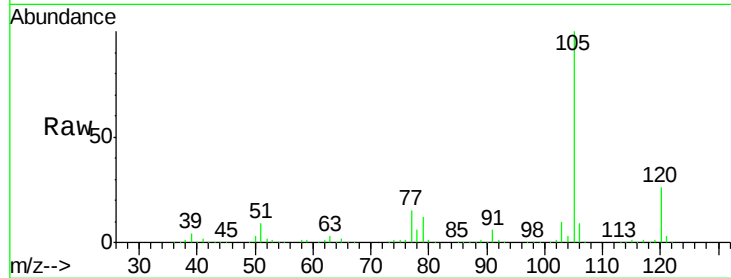
VSTDIC150

Tgt Ion:105 Resp: 1511377

Ion Ratio Lower Upper

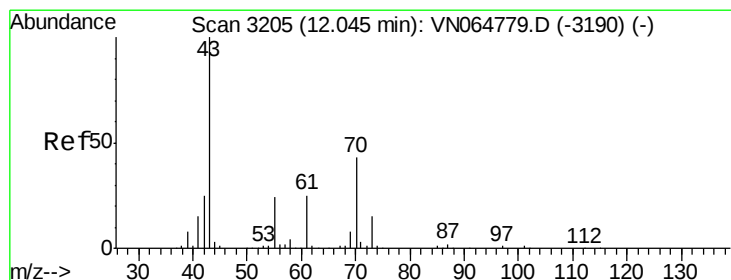
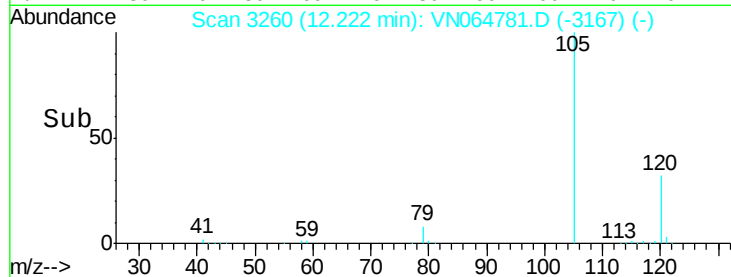
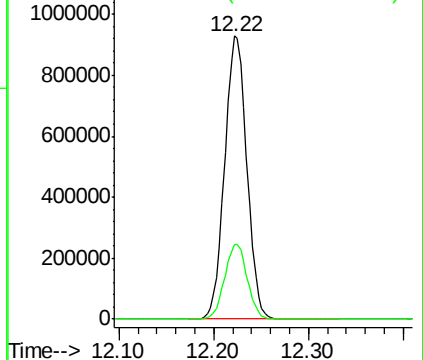
105 100

120 26.8 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 135.531 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Tgt Ion: 43 Resp: 624082

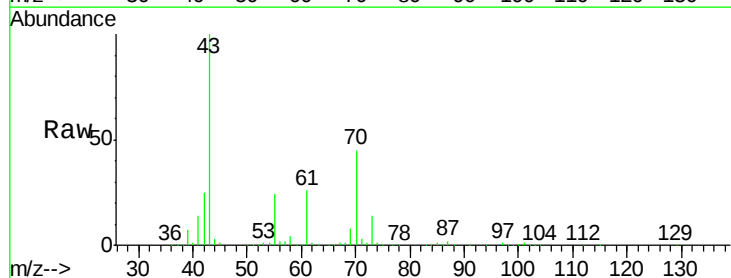
Ion Ratio Lower Upper

43 100

70 44.2 34.5 51.7

55 24.1 20.4 30.6

61 25.6 20.0 30.0

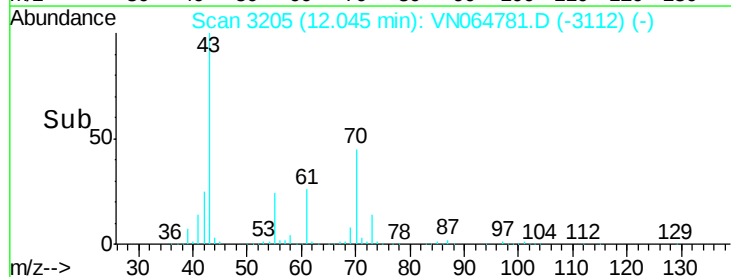
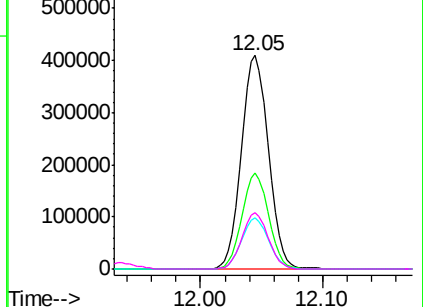


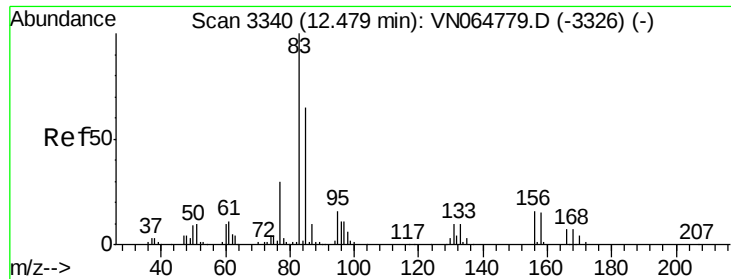
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 152.320 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

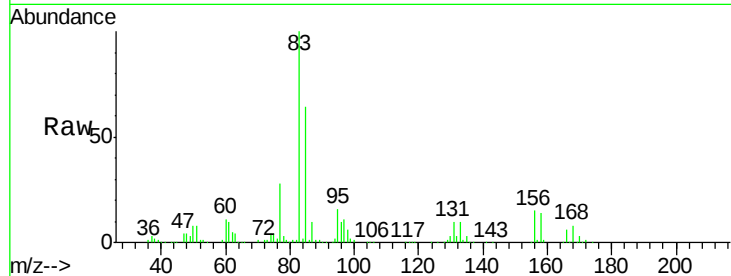
Tgt Ion: 83 Resp: 432958

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

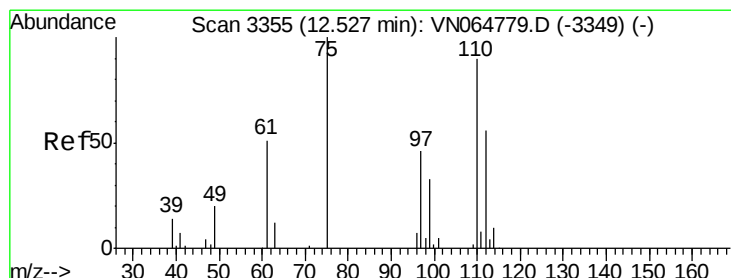
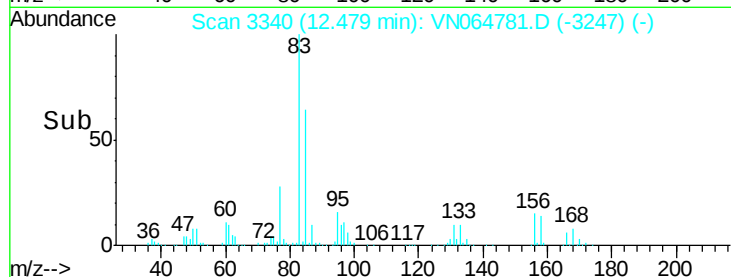
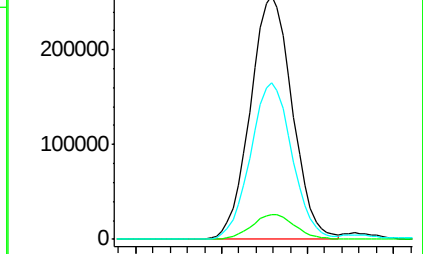
85 63.8 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN064781.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN064781.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN064781.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 206.206 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064781.D

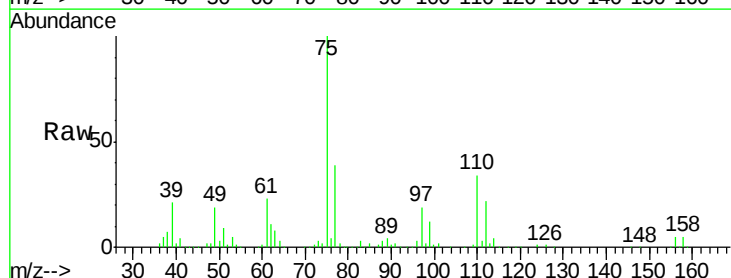
Acq: 23 Nov 2020 13:30

Tgt Ion: 75 Resp: 633521

Ion Ratio Lower Upper

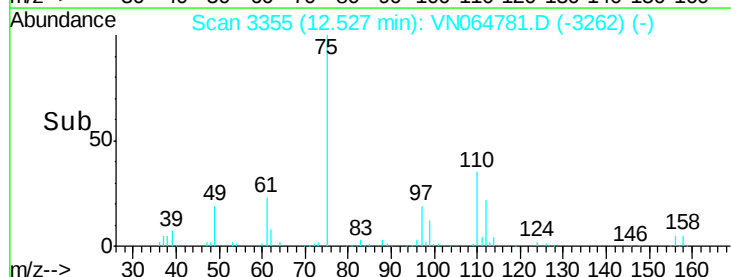
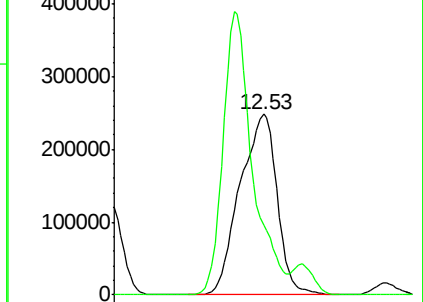
75 100

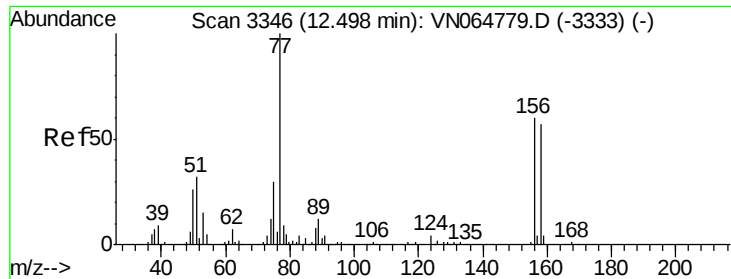
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064781.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064781.D (-3262) (-)

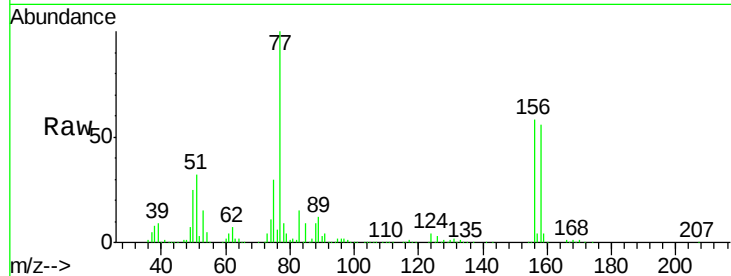




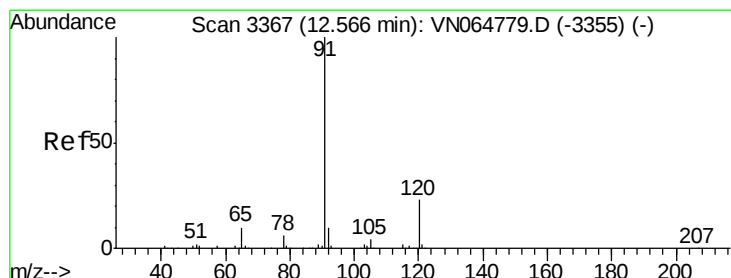
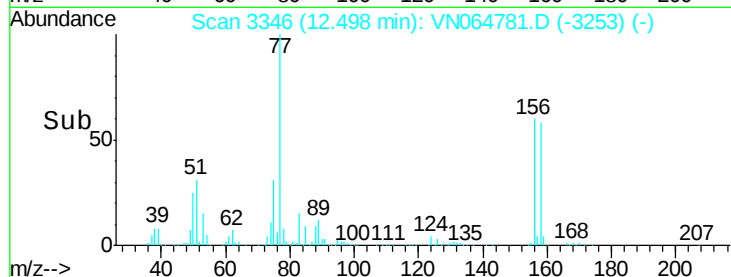
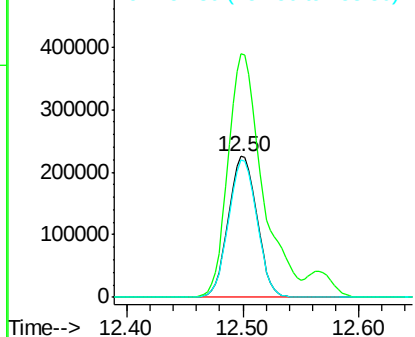
#77
Bromobenzene
Concen: 148.713 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:156 Resp: 382543
Ion Ratio Lower Upper
156 100
77 207.1 101.3 303.7
158 97.3 48.2 144.6

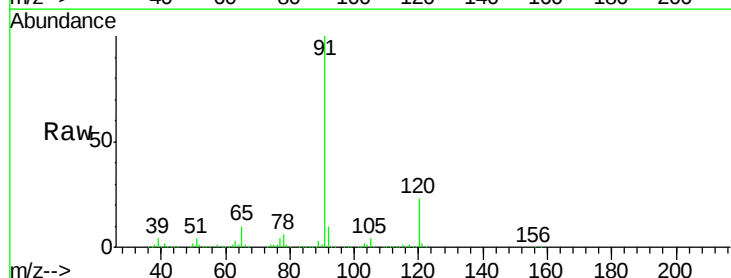


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

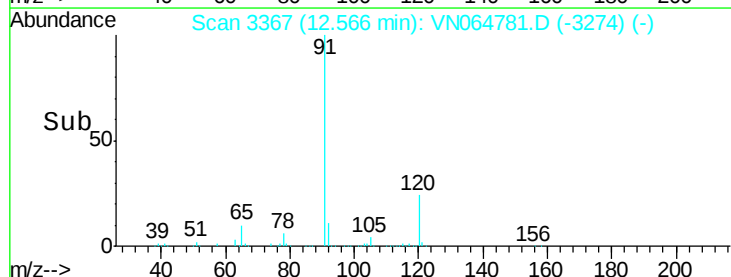
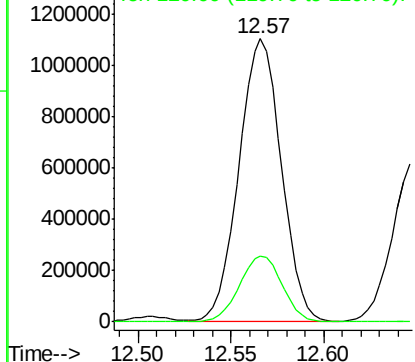


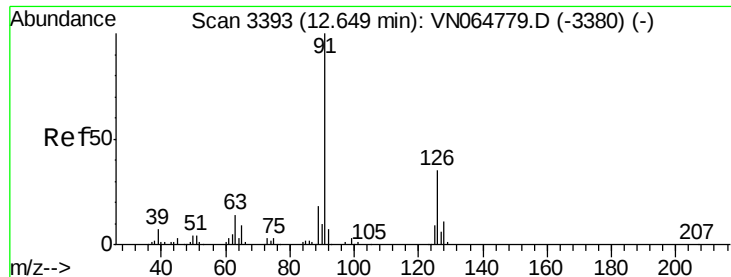
#78
n-propylbenzene
Concen: 149.271 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064781.D
Acq: 23 Nov 2020 13:30

Tgt Ion: 91 Resp: 1752749
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 138.772 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

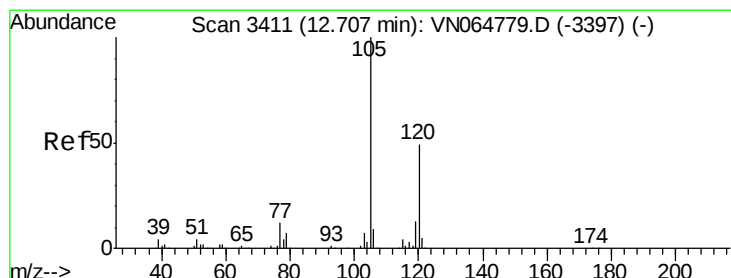
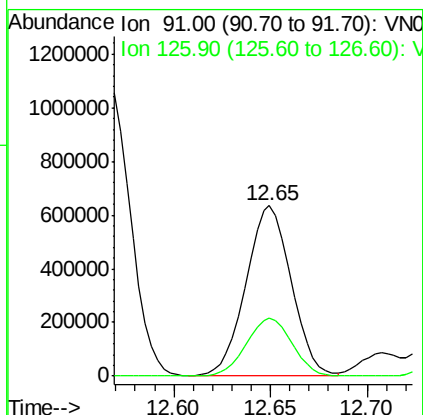
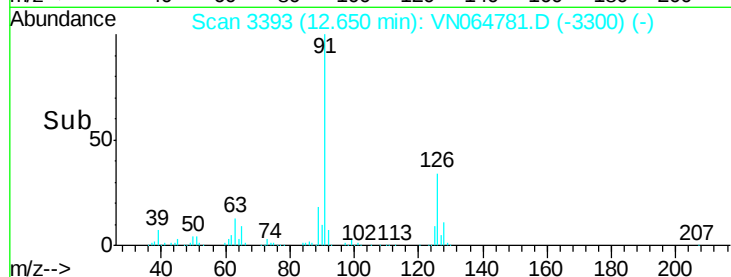
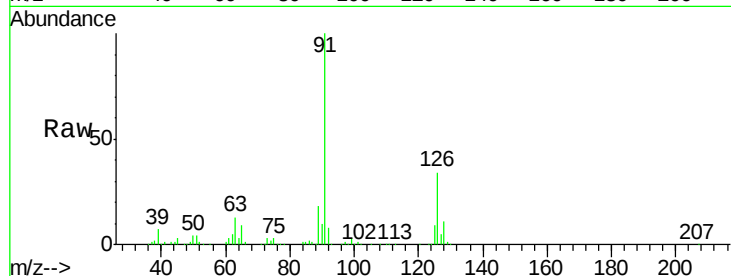
VSTDIC150

Tgt Ion: 91 Resp: 1036807

Ion Ratio Lower Upper

91 100

126 34.4 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 155.934 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064781.D

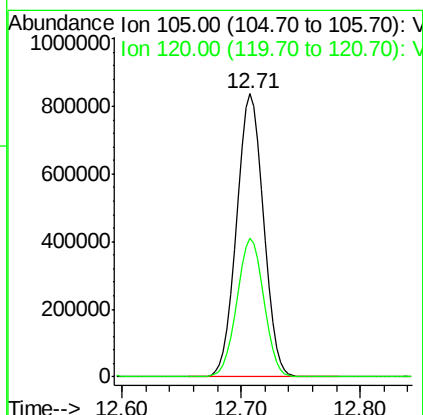
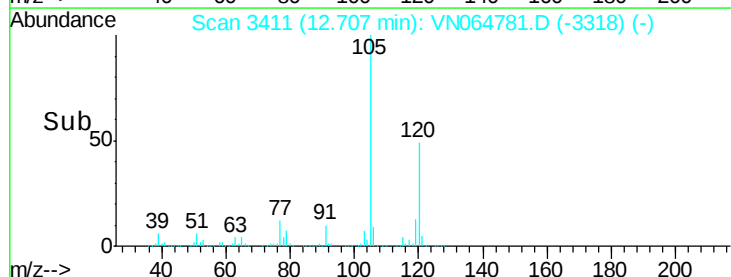
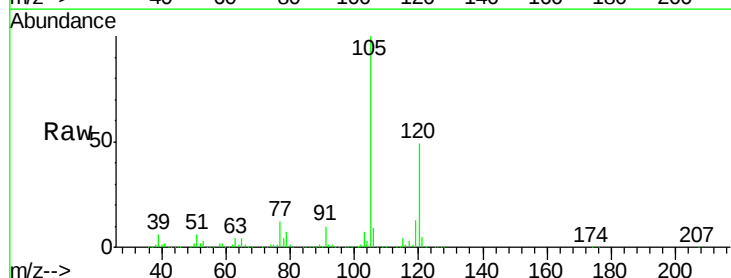
Acq: 23 Nov 2020 13:30

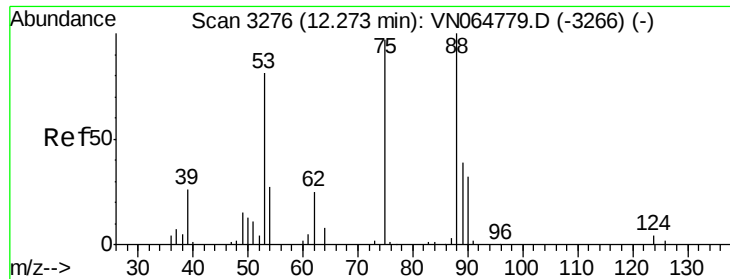
Tgt Ion: 105 Resp: 1309252

Ion Ratio Lower Upper

105 100

120 49.0 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 161.742 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064781.D

Acq: 23 Nov 2020 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

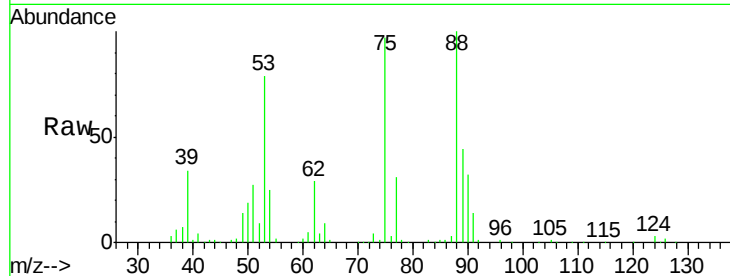
Tgt Ion: 75 Resp: 179766

Ion Ratio Lower Upper

75 100

53 80.7 67.0 100.4

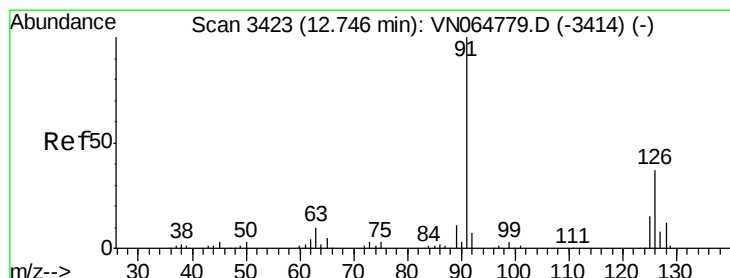
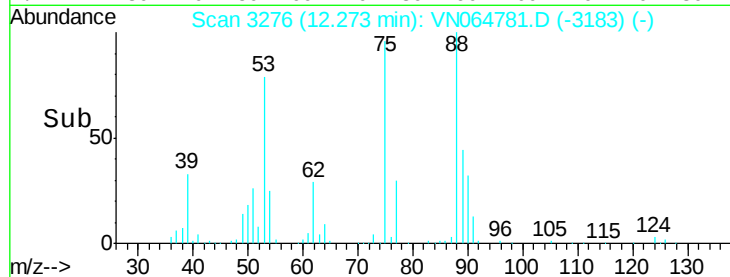
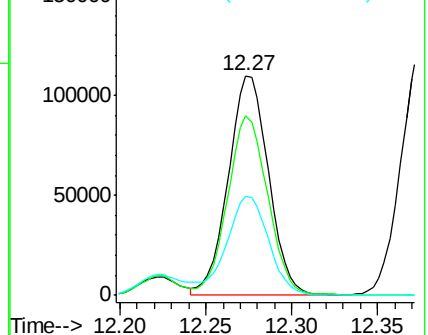
89 46.8 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VN064781.D (-3183) (-)

Ion 53.00 (52.70 to 53.70): VN064781.D (-3183) (-)

Ion 88.90 (88.60 to 89.60): VN064781.D (-3183) (-)



#82

4-Chlorotoluene

Concen: 136.948 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064781.D

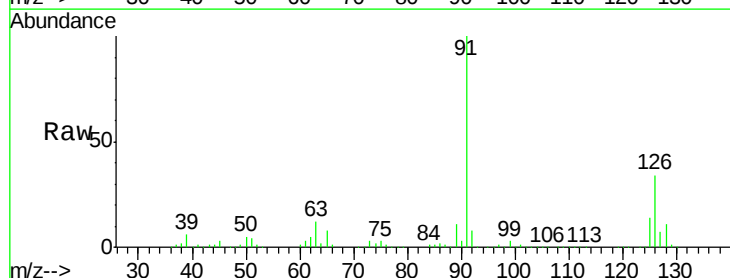
Acq: 23 Nov 2020 13:30

Tgt Ion: 91 Resp: 1086131

Ion Ratio Lower Upper

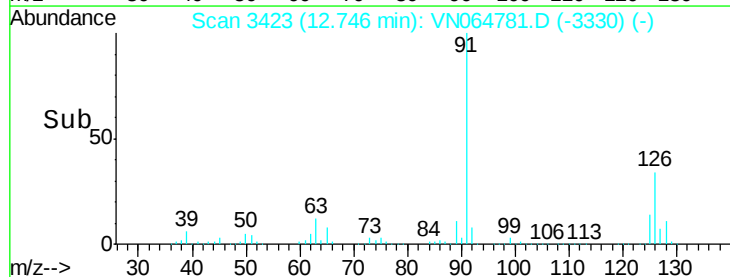
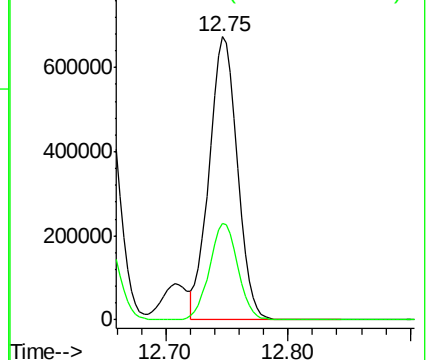
91 100

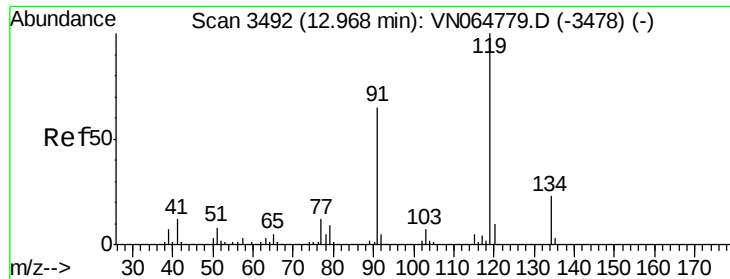
126 34.4 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN064781.D (-3330) (-)

Ion 125.90 (125.60 to 126.60): VN064781.D (-3330) (-)

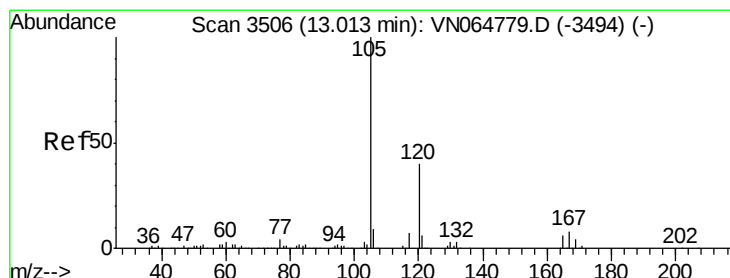
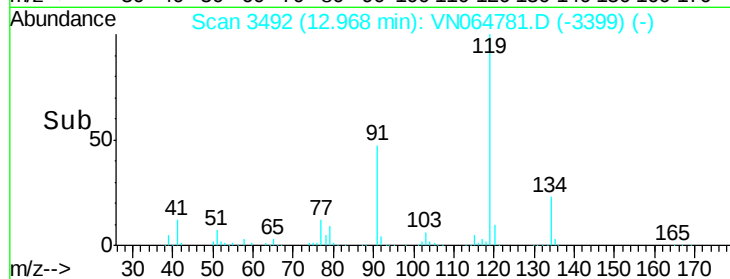
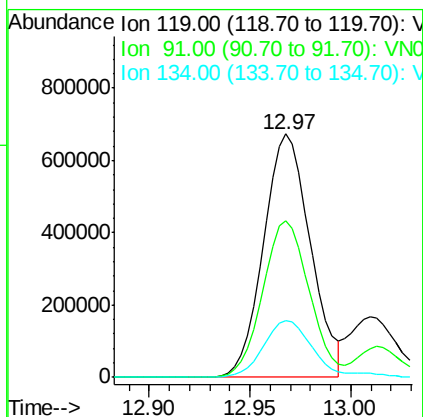
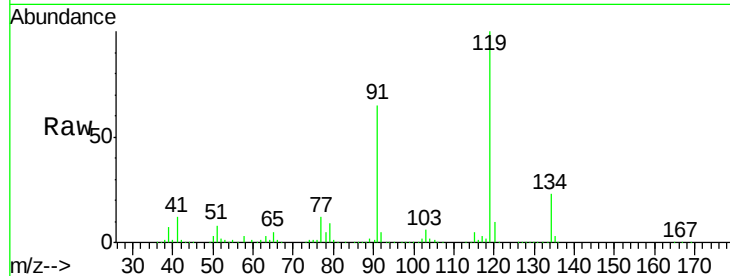




#83
 tert-Butylbenzene
 Concen: 166.120 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064781.D
 Acq: 23 Nov 2020 13:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:119 Resp: 1089372
 Ion Ratio Lower Upper
 119 100
 91 63.9 32.3 96.8
 134 24.9 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 156.637 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064781.D
 Acq: 23 Nov 2020 13:30

Tgt Ion:105 Resp: 1338968
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.1 69.2

