

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064779.D
 Acq On : 23 Nov 2020 12:42
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 03 05:27:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	195445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	302904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	278411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136955	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	108302	47.66	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.32%
35) Dibromofluoromethane	7.55	113	87196	48.11	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.22%
50) Toluene-d8	10.06	98	357563	48.28	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.56%
62) 4-Bromofluorobenzene	12.38	95	127585	48.14	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.28%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	79561	46.970	ug/l 100
3) Chloromethane	2.04	50	103279	46.920	ug/l 100
4) Vinyl Chloride	2.16	62	107474	46.832	ug/l 100
5) Bromomethane	2.53	94	71044	47.185	ug/l 100
6) Chloroethane	2.67	64	67973	47.888	ug/l 100
7) Trichlorofluoromethane	2.98	101	151122	47.638	ug/l 100
8) Diethyl Ether	3.37	74	60413	48.246	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	91628	48.149	ug/l 100
10) Methyl Iodide	3.90	142	123203	49.913	ug/l 100
11) Tert butyl alcohol	4.76	59	88413	249.506	ug/l 100
12) 1,1-Dichloroethene	3.69	96	90558	47.782	ug/l 100
13) Acrolein	3.57	56	52676	243.370	ug/l 100
14) Allyl chloride	4.27	41	151123	48.345	ug/l 100
15) Acrylonitrile	4.94	53	247472	252.805	ug/l 100
16) Acetone	3.78	43	184120	246.503	ug/l 100
17) Carbon Disulfide	4.00	76	237772	48.590	ug/l 100
18) Methyl Acetate	4.28	43	108662	48.387	ug/l 100
19) Methyl tert-butyl Ether	5.00	73	307587	50.603	ug/l 100
20) Methylene Chloride	4.50	84	105844	45.222	ug/l 100
21) trans-1,2-Dichloroethene	4.98	96	99849	47.442	ug/l 100
22) Diisopropyl ether	5.91	45	316686	50.616	ug/l 100
23) Vinyl Acetate	5.85	43	1291421	258.112	ug/l 100
24) 1,1-Dichloroethane	5.80	63	184441	49.326	ug/l 100
25) 2-Butanone	6.79	43	316735	261.590	ug/l 100
26) 2,2-Dichloropropane	6.78	77	157332	48.514	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	115074	48.590	ug/l 100
28) Bromochloromethane	7.15	49	83533	48.833	ug/l 100
29) Tetrahydrofuran	7.17	42	215225	257.504	ug/l 100
30) Chloroform	7.33	83	186361	48.330	ug/l 100
31) Cyclohexane	7.61	56	148134	46.776	ug/l 100
32) 1,1,1-Trichloroethane	7.53	97	161284	48.699	ug/l 100
36) 1,1-Dichloropropene	7.75	75	139222	49.587	ug/l 100
37) Ethyl Acetate	6.89	43	135590	50.135	ug/l 100
38) Carbon Tetrachloride	7.73	117	145639	49.854	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	149352	49.415	ug/l	100
40) Benzene	8.00	78	422287	49.083	ug/l	100
41) Methacrylonitrile	7.13	41	56458	45.242	ug/l	100
42) 1,2-Dichloroethane	8.09	62	140927	48.556	ug/l	100
43) Isopropyl Acetate	8.13	43	221166	50.821	ug/l	100
44) Trichloroethene	8.80	130	122313	48.183	ug/l	100
45) 1,2-Dichloropropane	9.09	63	110682	49.677	ug/l	100
46) Dibromomethane	9.17	93	73685	49.504	ug/l	100
47) Bromodichloromethane	9.37	83	149624	49.958	ug/l	100
48) Methyl methacrylate	9.17	41	108418	52.137	ug/l	100
49) 1,4-Dioxane	9.17	88	40239	1023.829	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	678956	259.875	ug/l	100
52) Toluene	10.13	92	265399	50.091	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	165363	49.572	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	181468	50.752	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	105016	48.200	ug/l	100
56) Ethyl methacrylate	10.40	69	159645	53.098	ug/l	100
57) 1,3-Dichloropropane	10.68	76	178591	49.691	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	442760	267.716	ug/l	100
59) 2-Hexanone	10.72	43	496959	264.303	ug/l	100
60) Dibromochloromethane	10.87	129	123368	50.939	ug/l	100
61) 1,2-Dibromoethane	10.98	107	111124	50.202	ug/l	100
64) Tetrachloroethene	10.60	164	130867	48.314	ug/l	100
65) Chlorobenzene	11.41	112	287582	48.100	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	110113	50.115	ug/l	100
67) Ethyl Benzene	11.48	91	504259	50.487	ug/l	100
68) m/p-Xylenes	11.59	106	386945	102.325	ug/l	100
69) o-Xylene	11.92	106	184487	51.411	ug/l	100
70) Styrene	11.94	104	315686	52.111	ug/l	100
71) Bromoform	12.10	173	86886	49.510	ug/l #	100
73) Isopropylbenzene	12.22	105	488408	51.270	ug/l	100
74) N-amyl acetate	12.04	43	195474	52.142	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	136610	48.926	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	203981	69.159	ug/l #	100
77) Bromobenzene	12.50	156	124559	48.500	ug/l	100
78) n-propylbenzene	12.57	91	561363	51.728	ug/l	100
79) 2-Chlorotoluene	12.65	91	333377	49.697	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	416738	52.631	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	56134	52.162	ug/l	100
82) 4-Chlorotoluene	12.75	91	348902	49.620	ug/l	100
83) tert-Butylbenzene	12.97	119	341212	51.411	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	416335	52.004	ug/l	100
85) sec-Butylbenzene	13.15	105	455837	51.729	ug/l	100
86) p-Isopropyltoluene	13.26	119	425728	53.065	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	222212	48.700	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	224917	46.610	ug/l	100
89) n-Butylbenzene	13.59	91	358163	50.836	ug/l	100
90) Hexachloroethane	13.85	117	72121	51.747	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	217739	48.599	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30886	49.161	ug/l	100

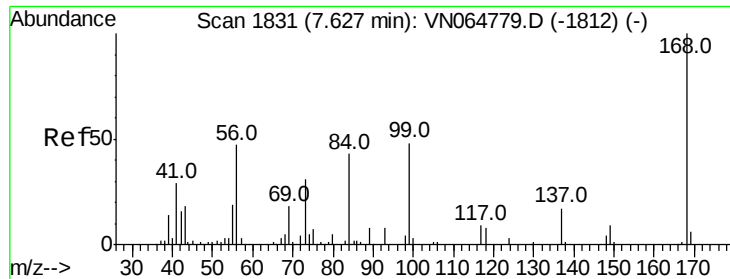
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	131450	47.428	ug/l	100
94) Hexachlorobutadiene	14.98	225	60300	48.327	ug/l	100
95) Naphthalene	15.10	128	404804	48.753	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	126559	48.106	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

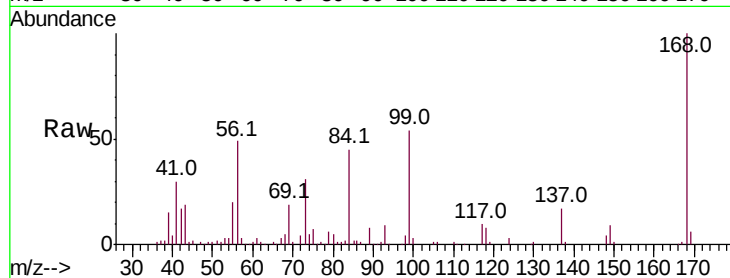
VSTDICCC050

Tot Ion:168 Resp: 195445

Ion Ratio Lower Upper

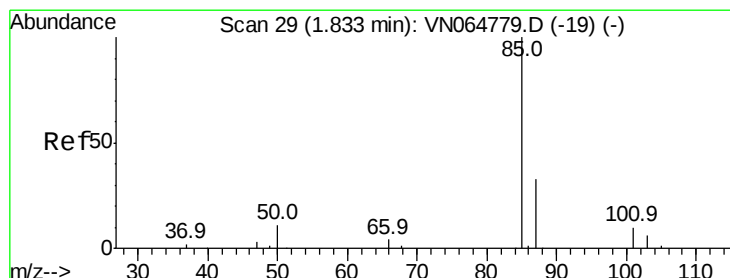
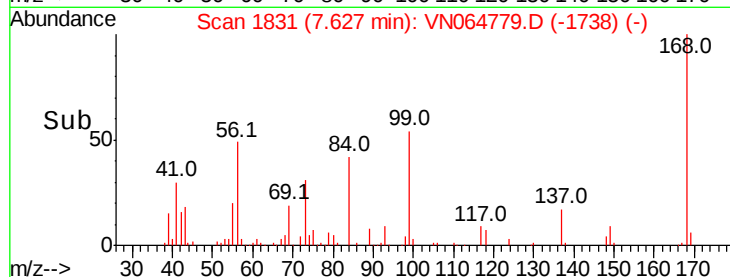
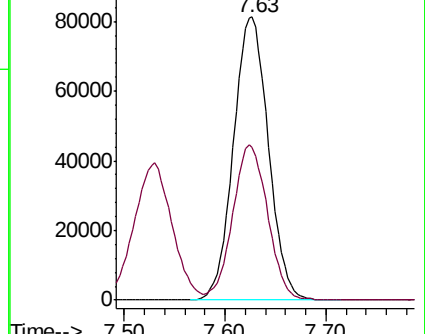
168 100

99 53.7 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: 46.970 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064779.D

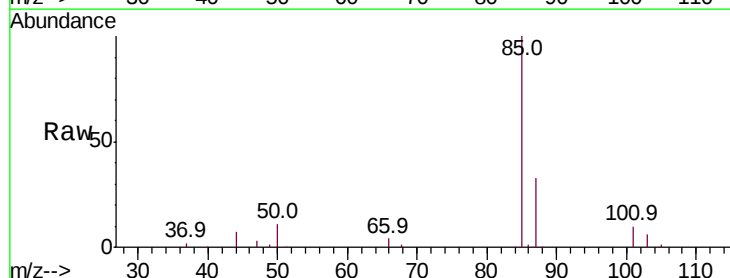
Acq: 23 Nov 2020 12:42

Tgt Ion: 85 Resp: 79561

Ion Ratio Lower Upper

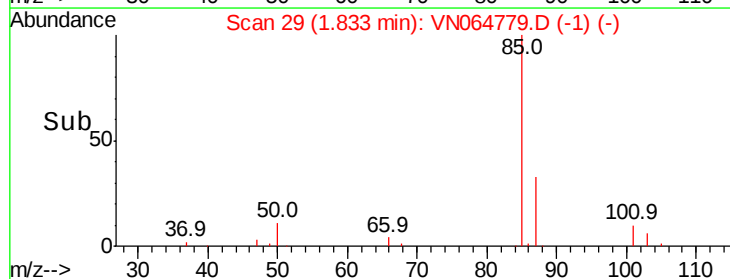
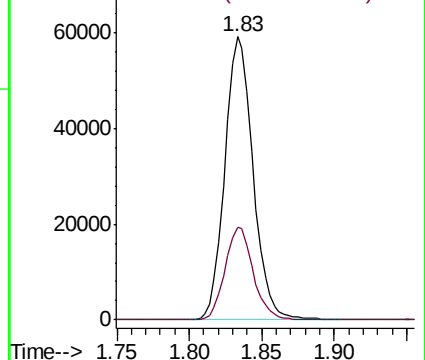
85 100

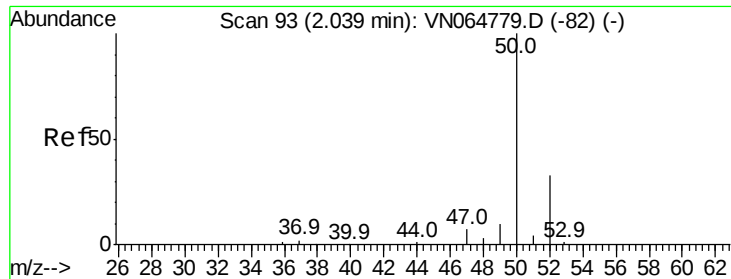
87 32.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 46.920 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

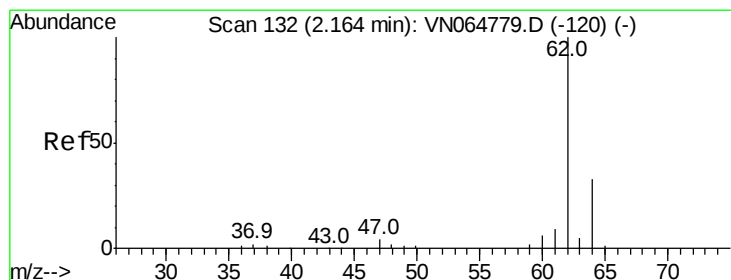
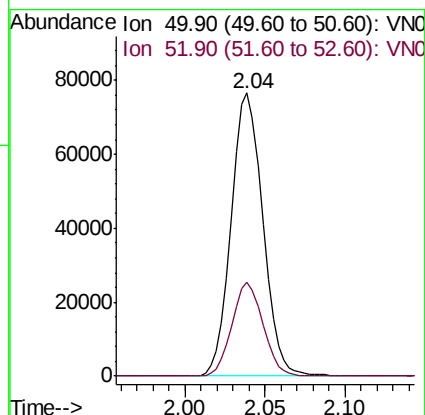
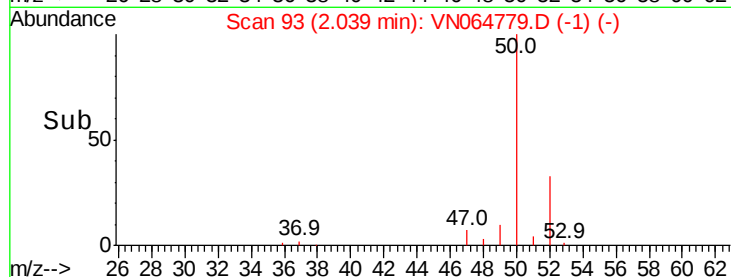
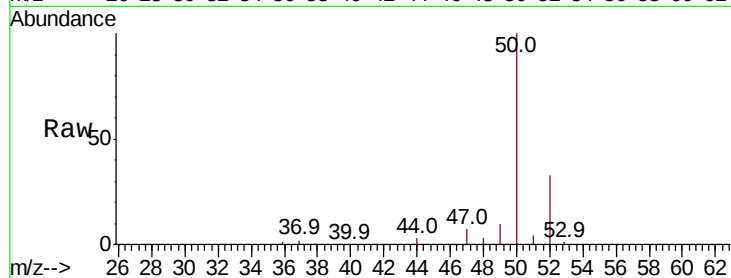
VSTDICCC050

Tot Ion: 50 Resp: 103279

Ion Ratio Lower Upper

50 100

52 33.2 26.6 39.8



#4

Vinyl Chloride

Concen: 46.832 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064779.D

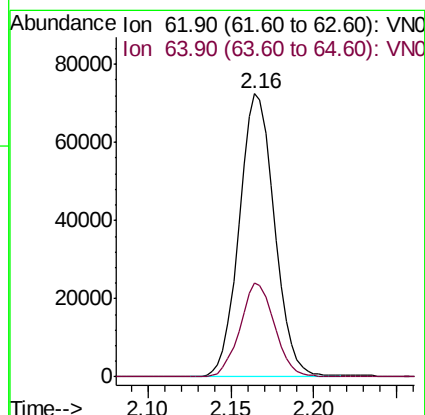
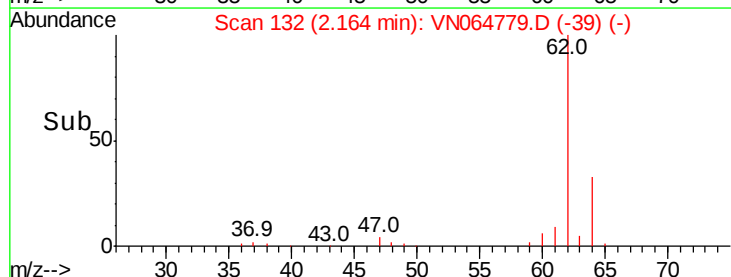
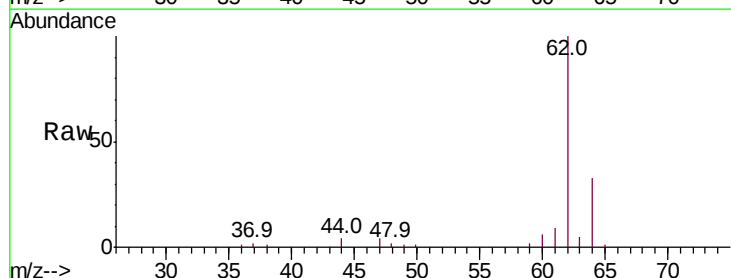
Acq: 23 Nov 2020 12:42

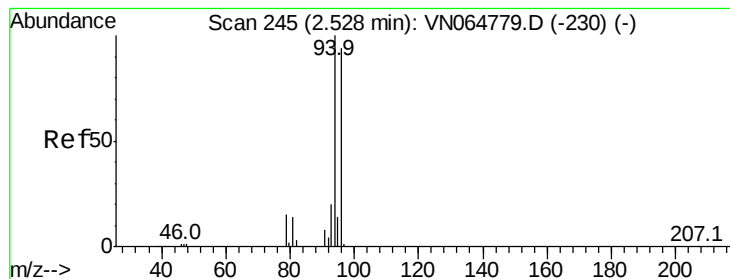
Tgt Ion: 62 Resp: 107474

Ion Ratio Lower Upper

62 100

64 33.1 26.5 39.7





#5

Bromomethane

Concen: 47.185 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

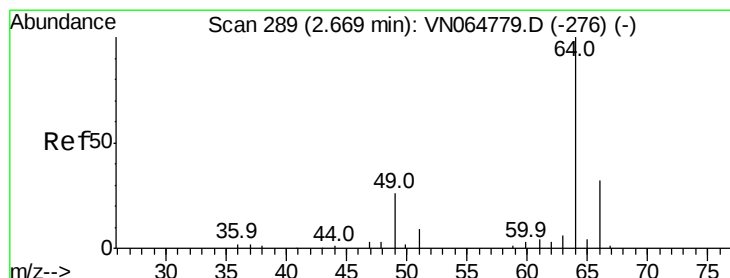
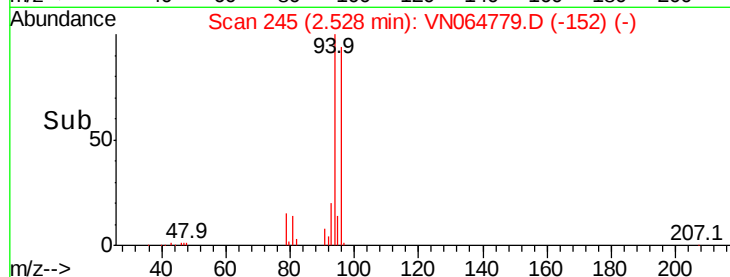
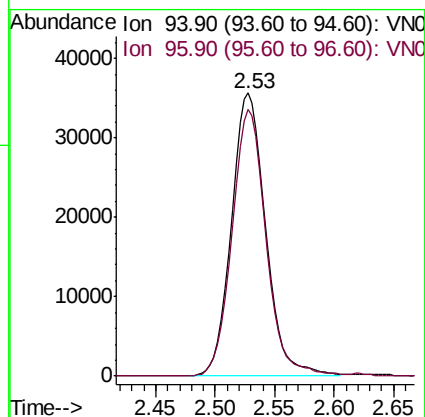
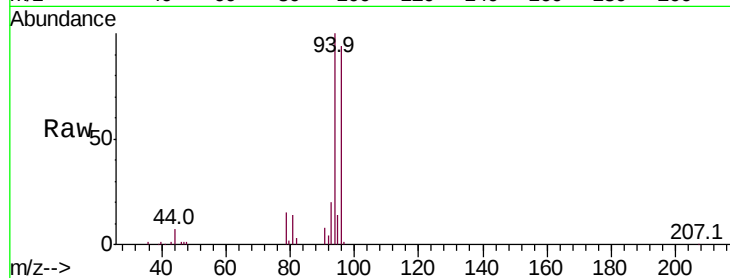
VSTDICCC050

Tot Ion: 94 Resp: 71044

Ion Ratio Lower Upper

94 100

96 94.2 75.4 113.0



#6

Chloroethane

Concen: 47.888 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064779.D

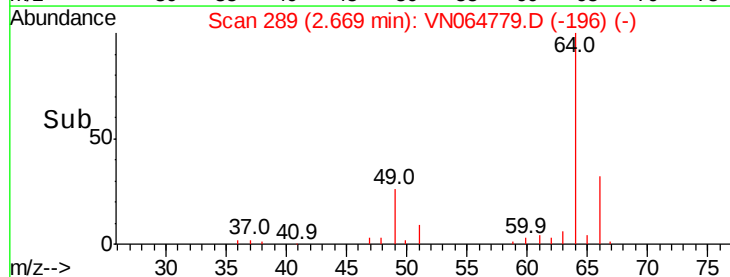
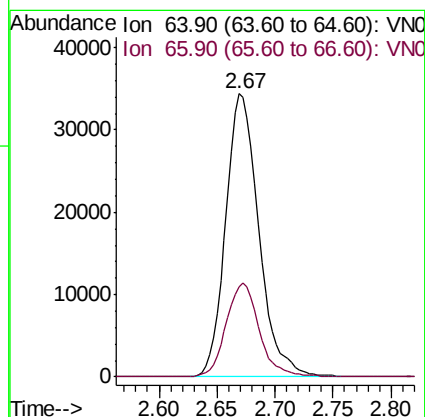
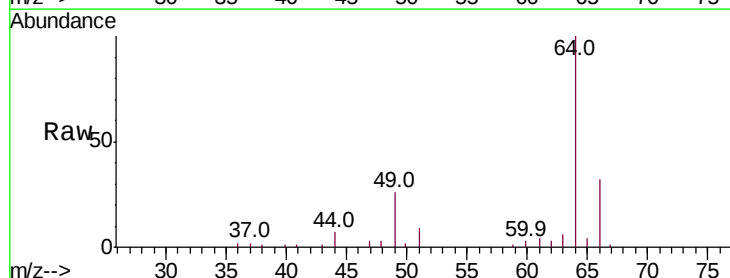
Acq: 23 Nov 2020 12:42

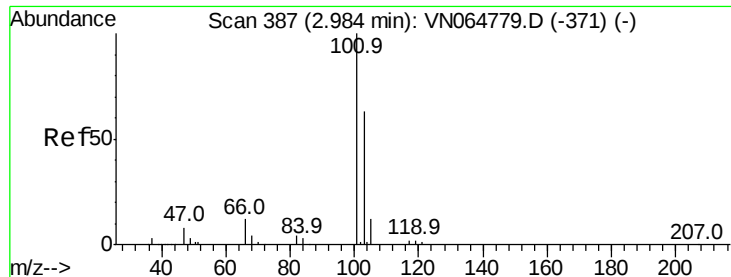
Tgt Ion: 64 Resp: 67973

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4



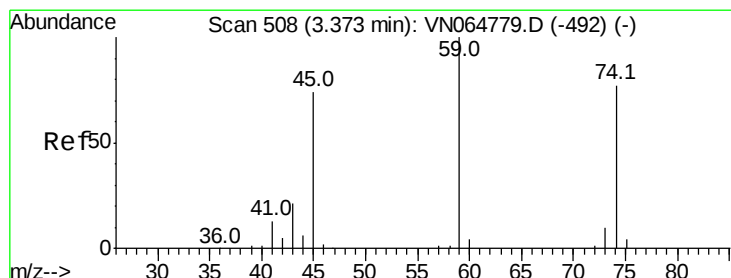
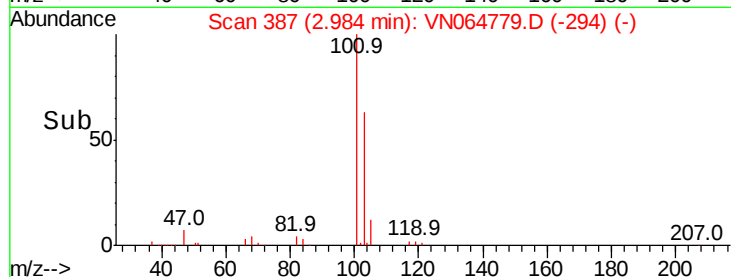
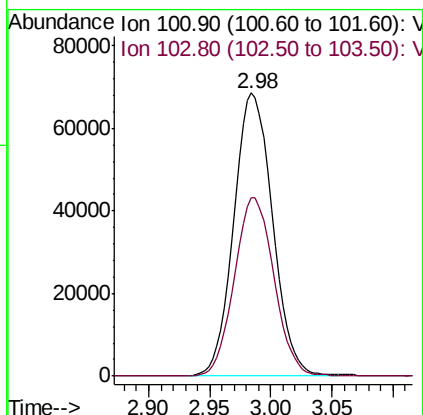
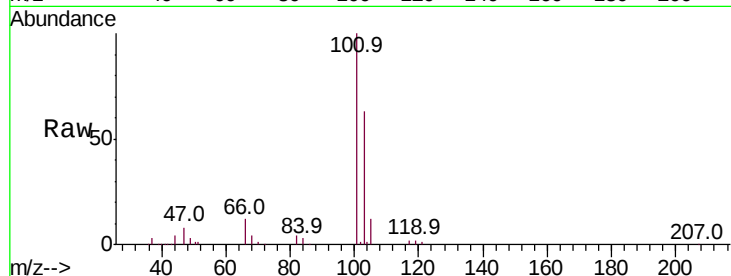


#7

Trichlorofluoromethane
Concen: 47.638 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN064779.D
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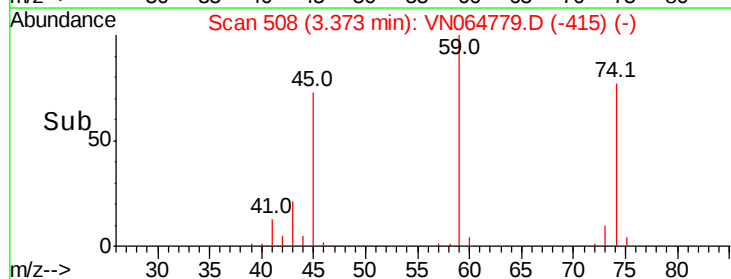
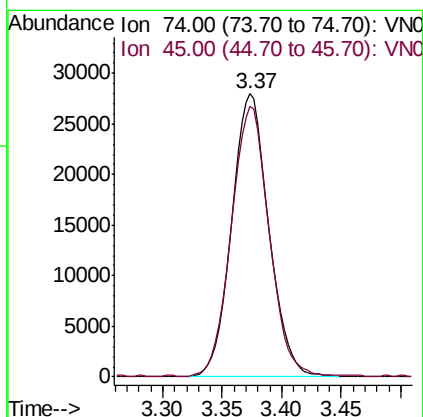
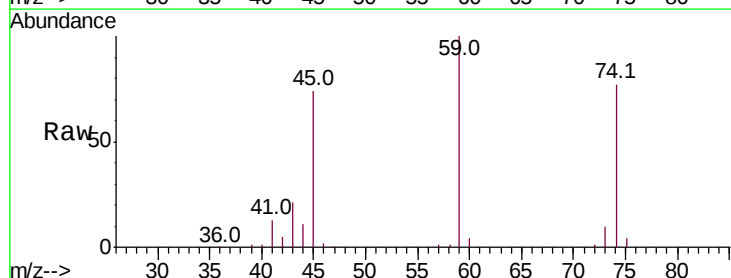
Tot Ion:101 Resp: 151122
Ion Ratio Lower Upper
101 100
103 63.1 50.5 75.7

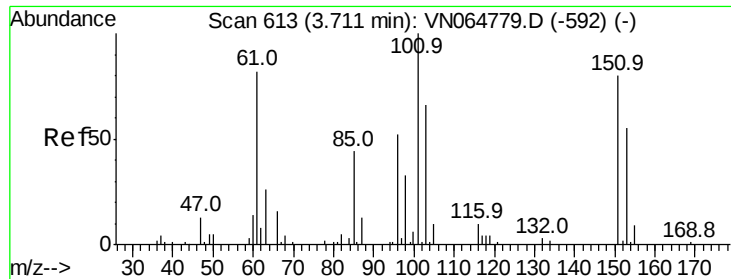


#8

Diethyl Ether
Concen: 48.246 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion: 74 Resp: 60413
Ion Ratio Lower Upper
74 100
45 97.9 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.149 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

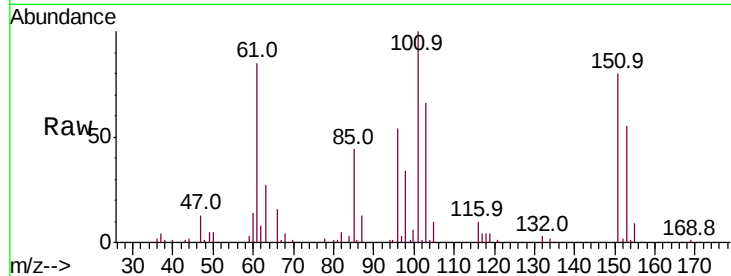
Tot Ion:101 Resp: 91628

Ion Ratio Lower Upper

101 100

85 43.0 34.4 51.6

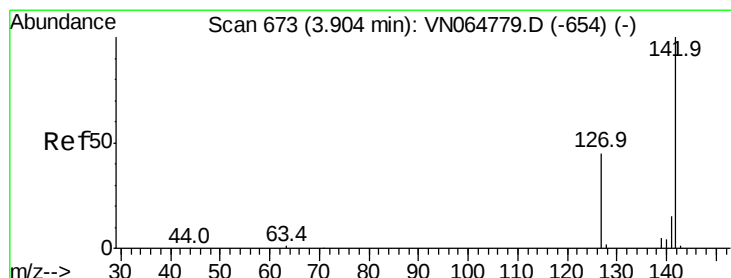
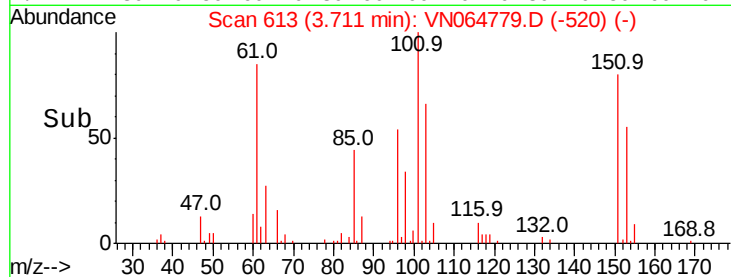
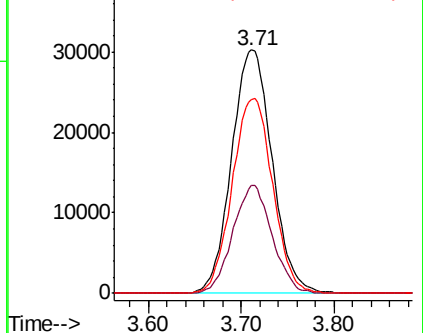
151 80.0 64.0 96.0



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: 49.913 ug/l

RT: 3.90 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

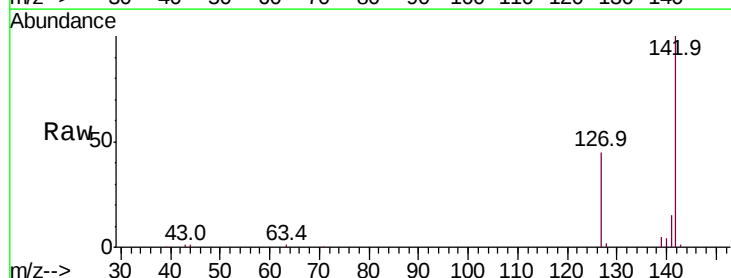
Tgt Ion:142 Resp: 123203

Ion Ratio Lower Upper

142 100

127 43.8 35.0 52.6

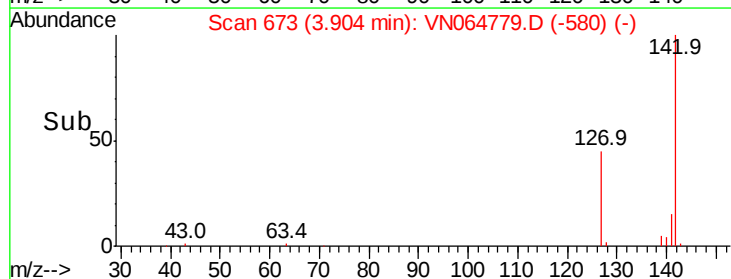
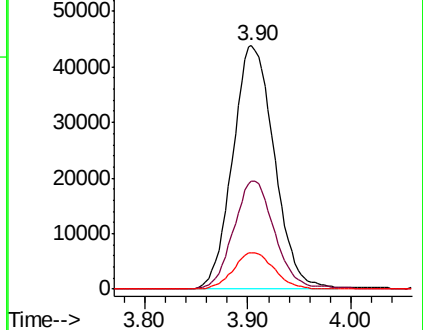
141 14.7 11.8 17.6

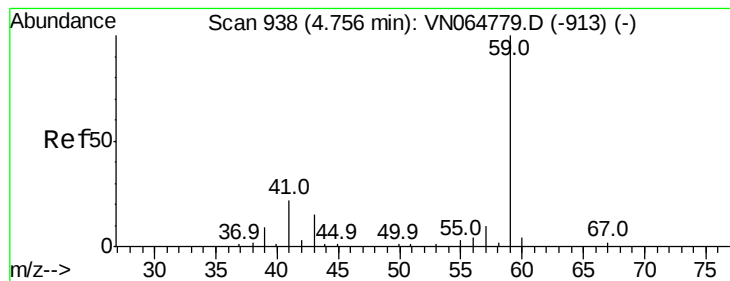


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



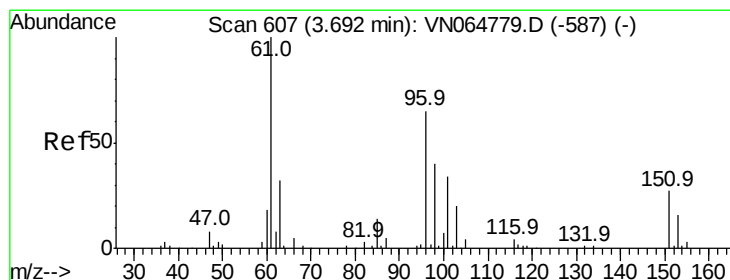
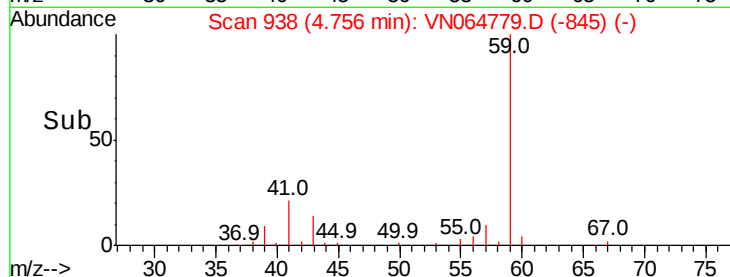
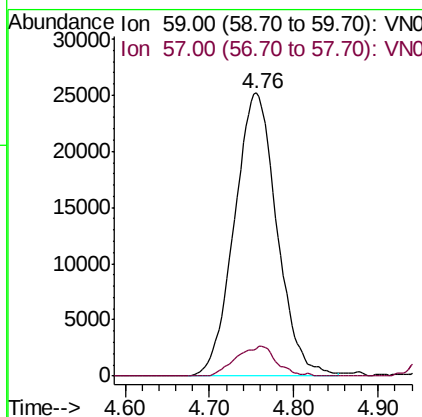
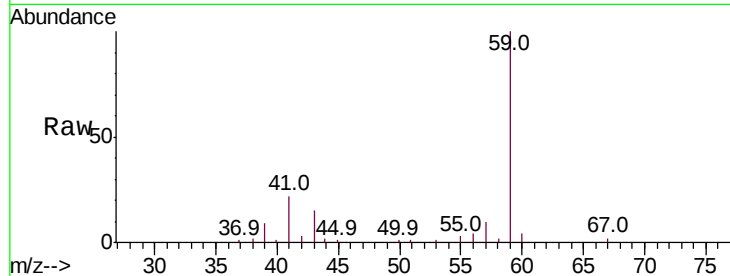


#11

Tert butyl alcohol
 Concen: 249.506 ug/l
 RT: 4.76 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

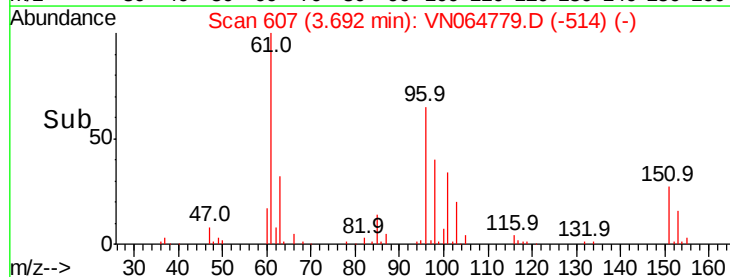
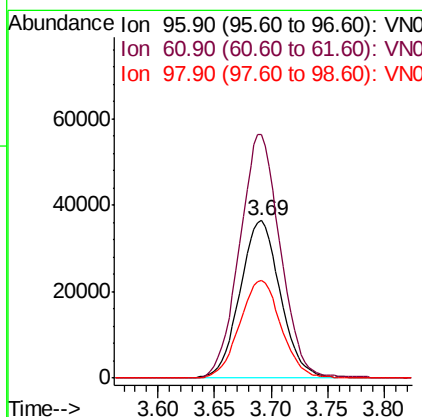
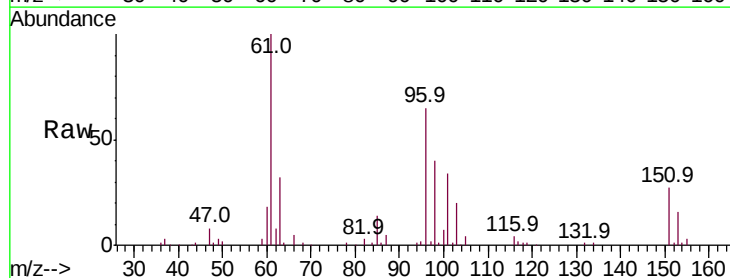
Tot Ion: 59 Resp: 88413
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.9 11.9

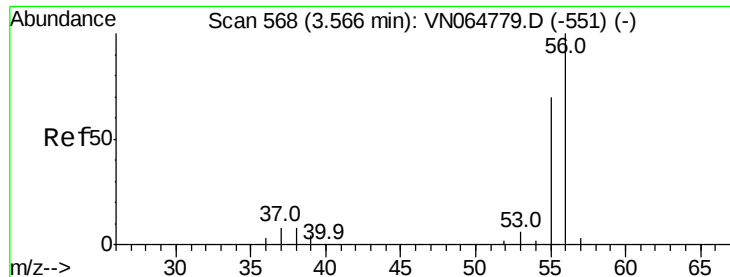


#12

1,1-Dichloroethene
 Concen: 47.782 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Tgt Ion: 96 Resp: 90558
 Ion Ratio Lower Upper
 96 100
 61 154.3 123.4 185.2
 98 62.3 49.8 74.8

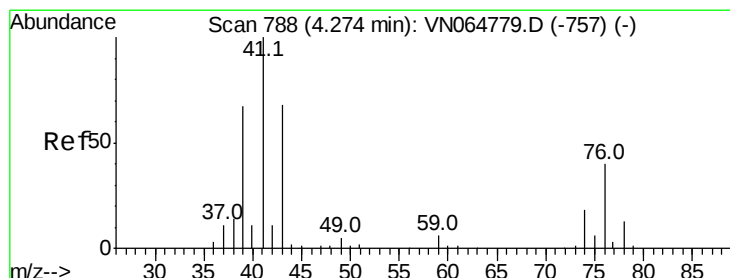
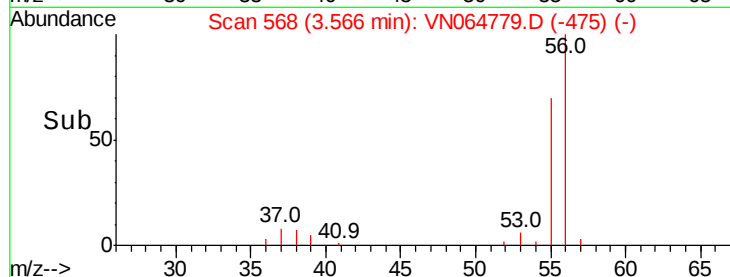
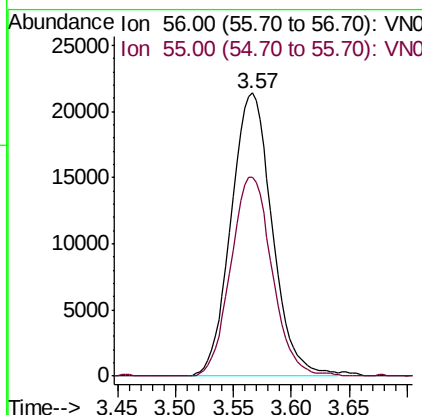
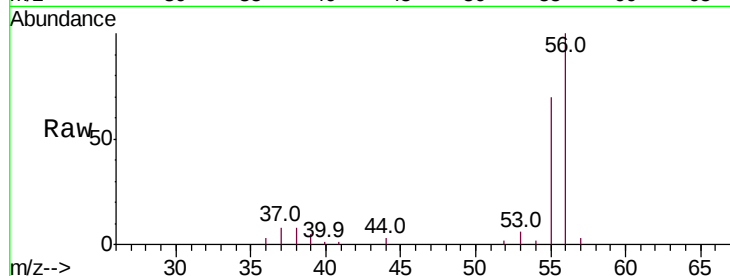




#13
Acrolein
Concen: 243.370 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

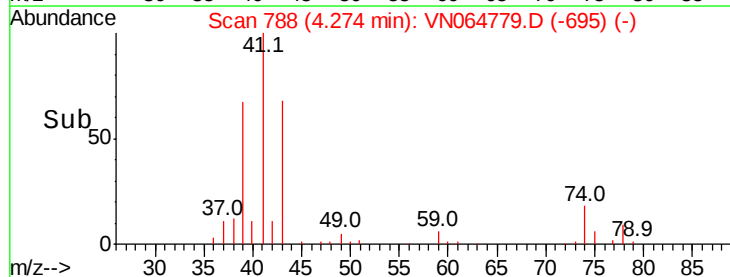
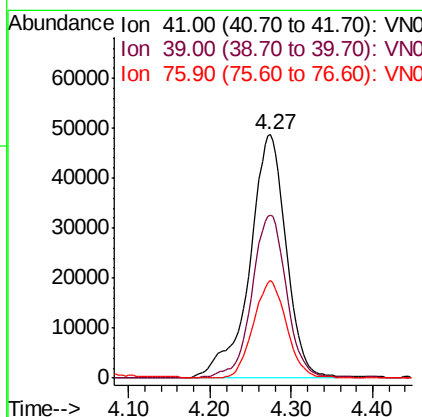
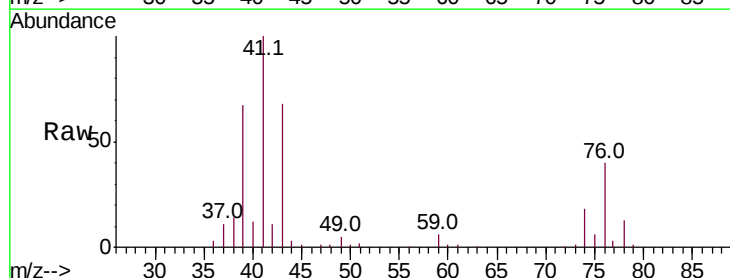
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

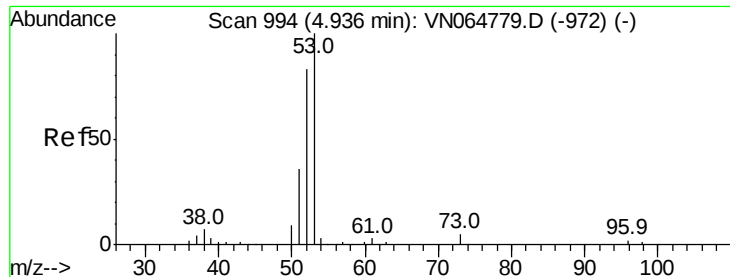
Tot Ion: 56 Resp: 52676
Ion Ratio Lower Upper
56 100
55 70.6 56.5 84.7



#14
Allyl chloride
Concen: 48.345 ug/l
RT: 4.27 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion: 41 Resp: 151123
Ion Ratio Lower Upper
41 100
39 63.6 50.9 76.3
76 36.2 29.0 43.4





#15

Acrylonitrile

Concen: 252.805 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

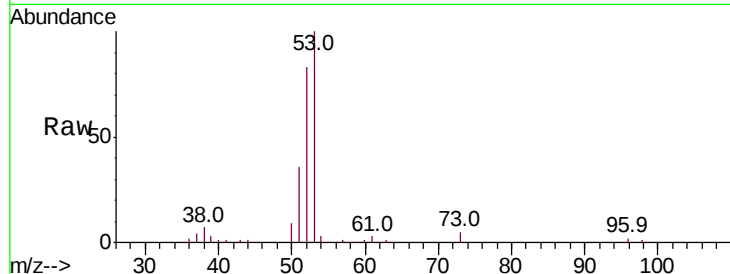
Tot Ion: 53 Resp: 247472

Ion Ratio Lower Upper

53 100

52 81.9 65.5 98.3

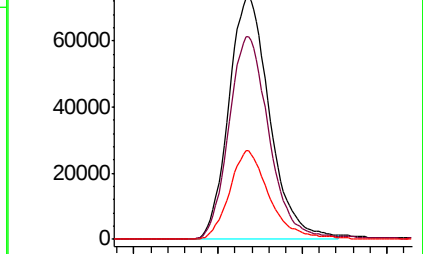
51 35.8 28.6 43.0



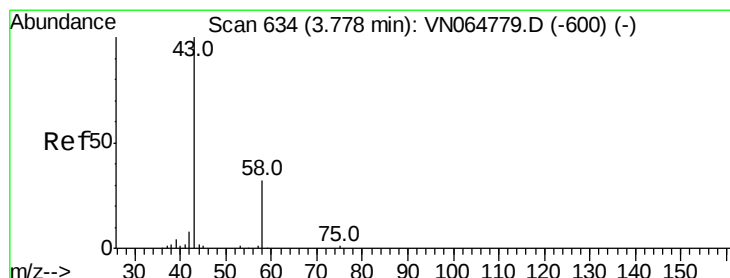
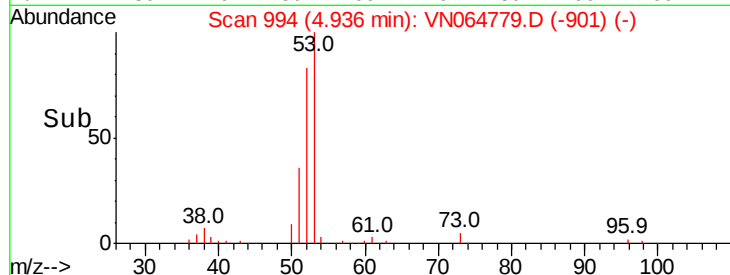
Abundance Ion 53.00 (52.70 to 53.70): VN064779.D (-972) (-)

Ion 52.00 (51.70 to 52.70): VN064779.D (-972) (-)

Ion 51.00 (50.70 to 51.70): VN064779.D (-972) (-)



Time-->



#16

Acetone

Concen: 246.503 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064779.D

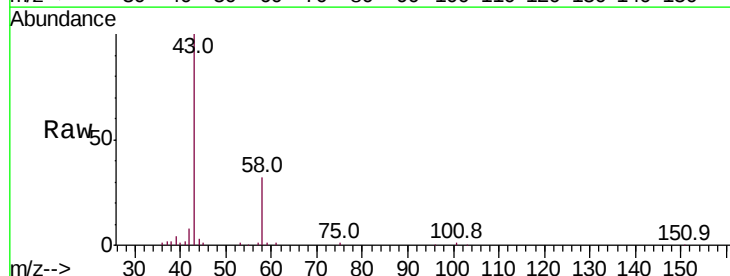
Acq: 23 Nov 2020 12:42

Tgt Ion: 43 Resp: 184120

Ion Ratio Lower Upper

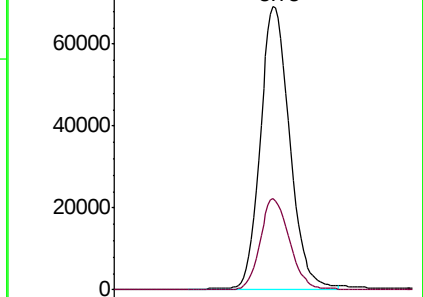
43 100

58 32.1 25.7 38.5

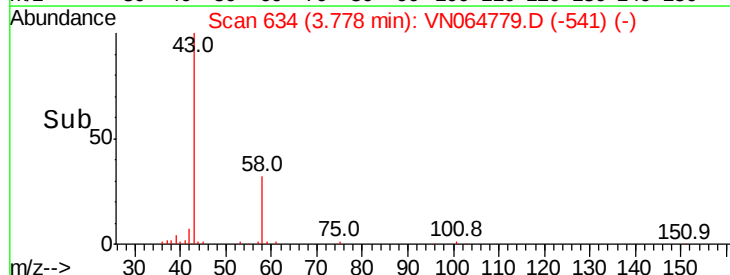


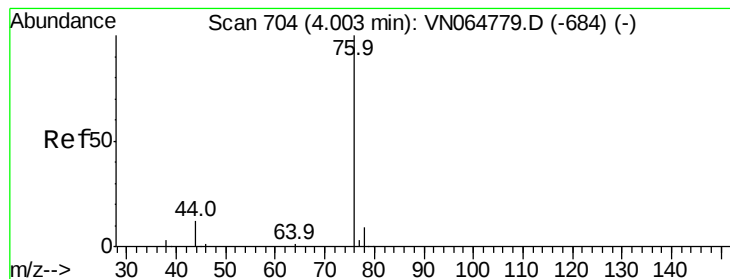
Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-600) (-)



Time-->





#17

Carbon Disulfide

Concen: 48.590 ug/l

RT: 4.00 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

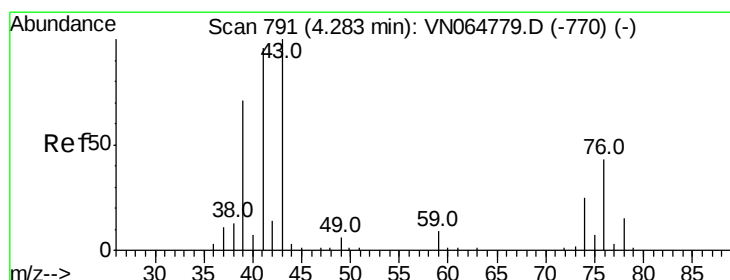
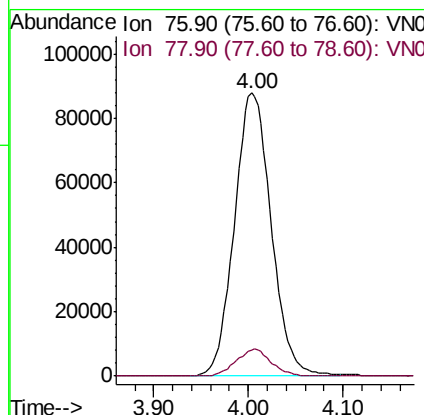
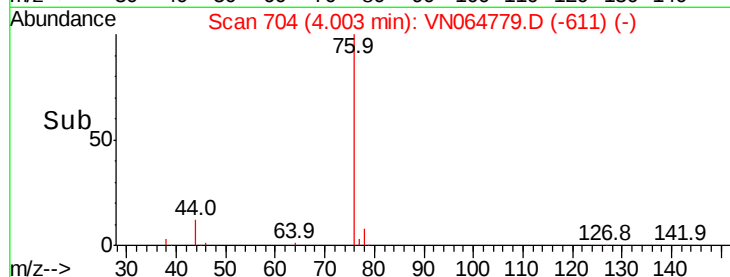
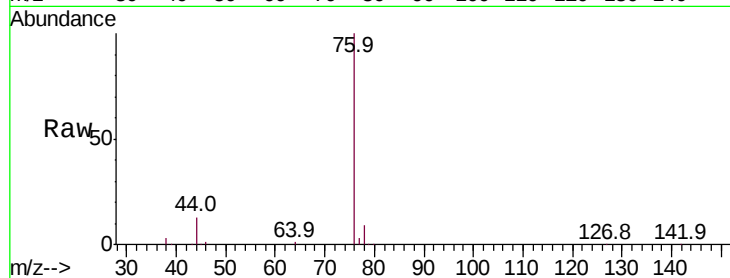
VSTDICCC050

Tot Ion: 76 Resp: 237772

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#18

Methyl Acetate

Concen: 48.387 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN064779.D

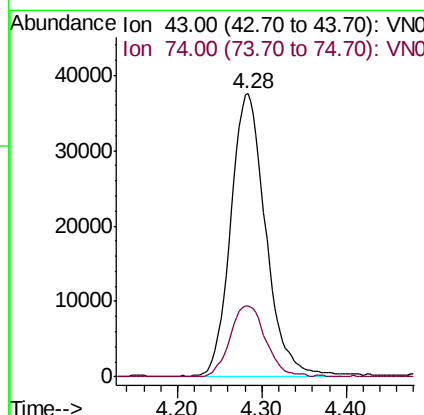
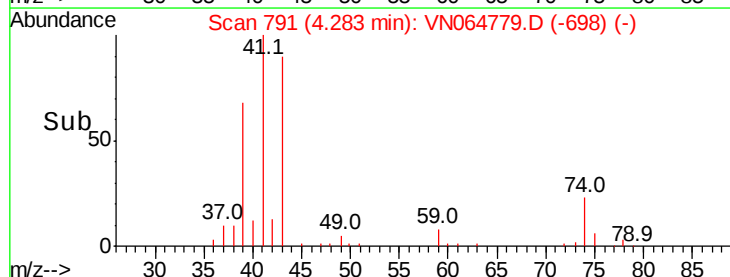
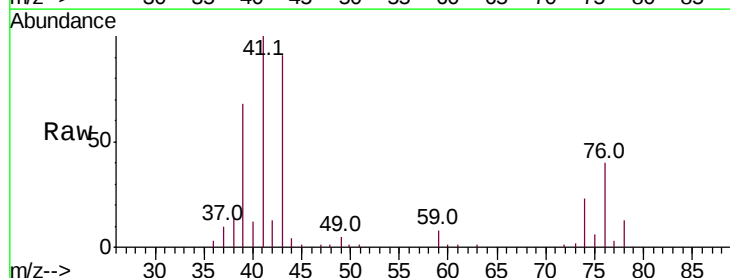
Acq: 23 Nov 2020 12:42

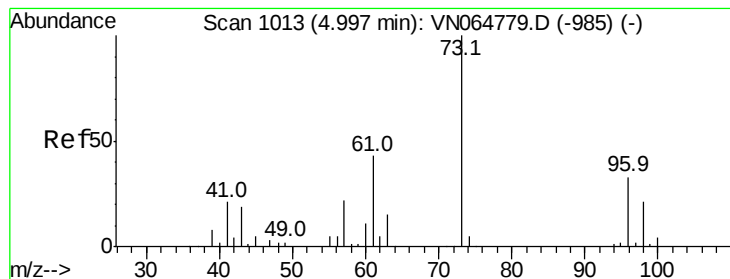
Tgt Ion: 43 Resp: 108662

Ion Ratio Lower Upper

43 100

74 25.2 20.2 30.2



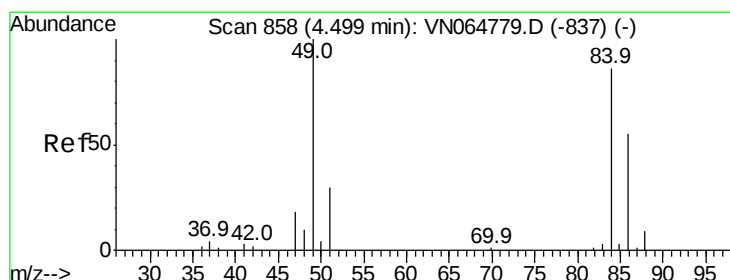
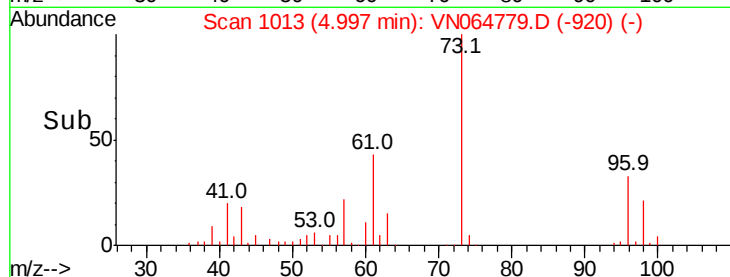
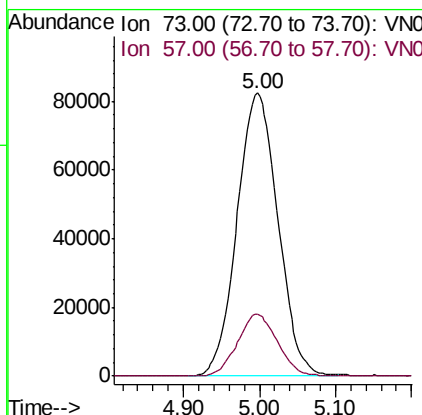
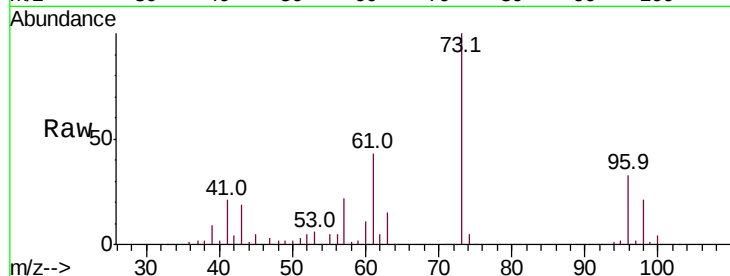


#19

Methyl tert-butyl Ether
 Concen: 50.603 ug/l
 RT: 5.00 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

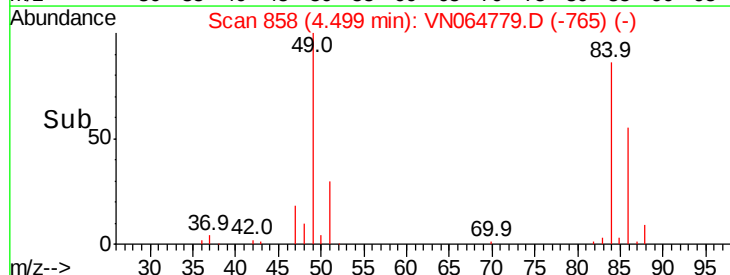
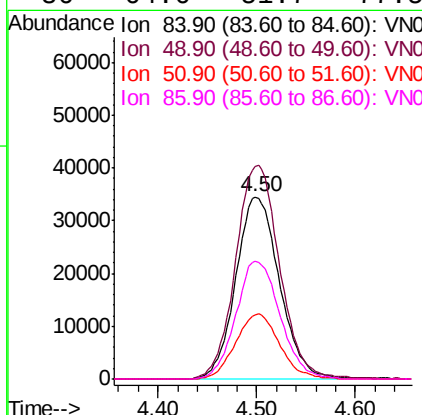
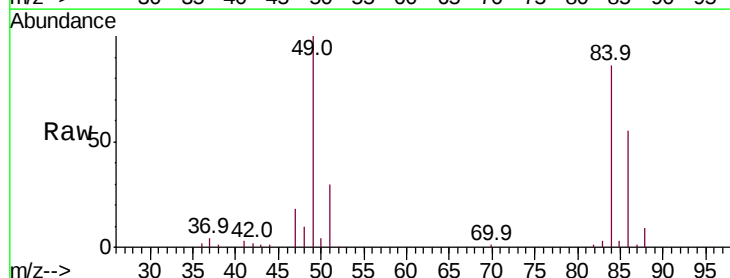
Tot Ion: 73 Resp: 307587
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.4 26.0

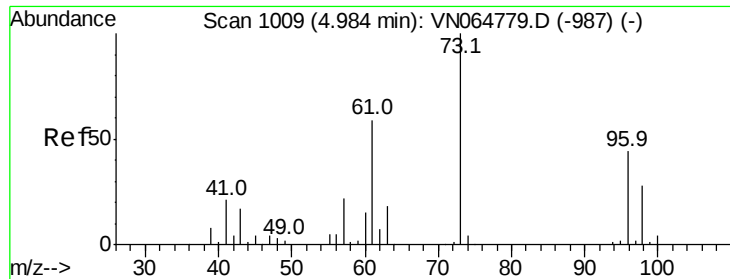


#20

Methylene Chloride
 Concen: 45.222 ug/l
 RT: 4.50 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Tgt Ion: 84 Resp: 105844
 Ion Ratio Lower Upper
 84 100
 49 116.7 93.4 140.0
 51 35.3 28.2 42.4
 86 64.6 51.7 77.5

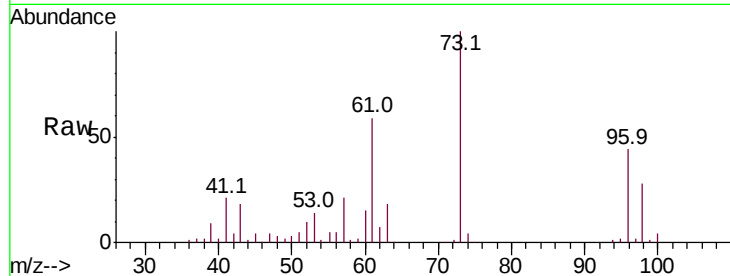




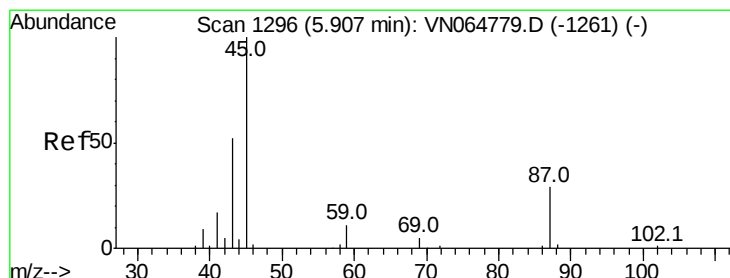
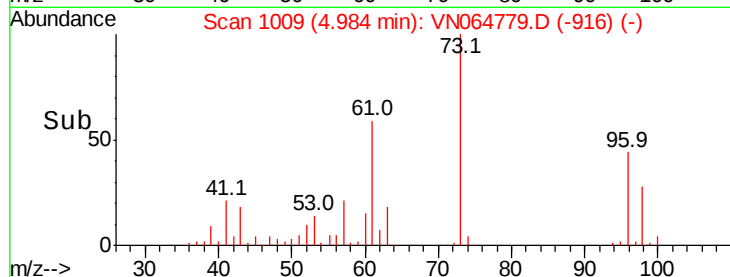
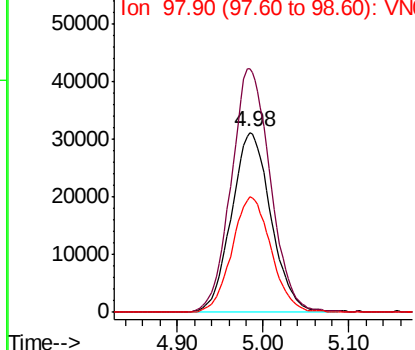
#21
trans-1,2-Dichloroethene
Concen: 47.442 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 96 Resp: 99849
Ion Ratio Lower Upper
96 100
61 135.5 108.4 162.6
98 64.1 51.3 76.9

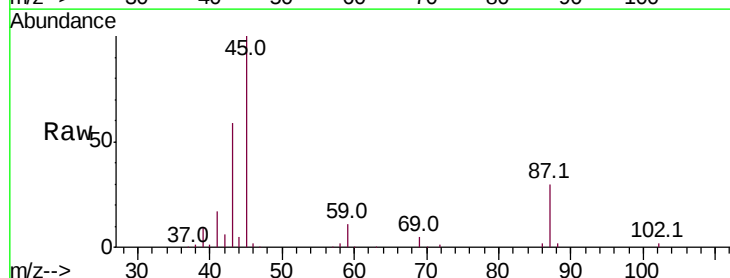


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

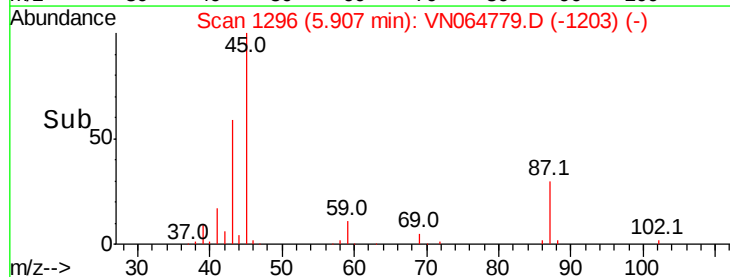
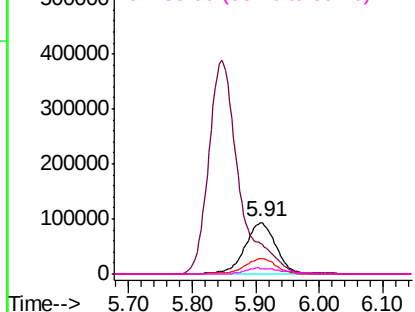


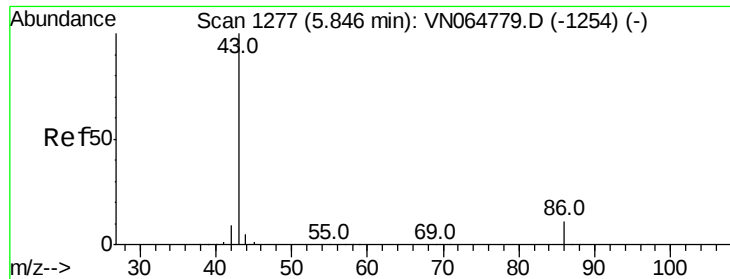
#22
Diisopropyl ether
Concen: 50.616 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion: 45 Resp: 316686
Ion Ratio Lower Upper
45 100
43 57.7 46.2 69.2
87 30.1 24.1 36.1
59 11.2 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 258.112 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

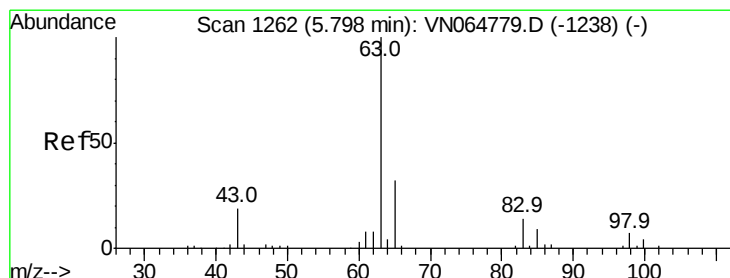
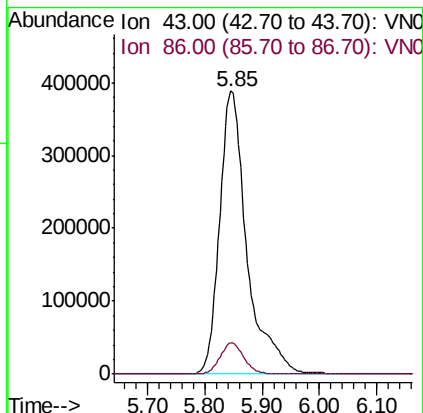
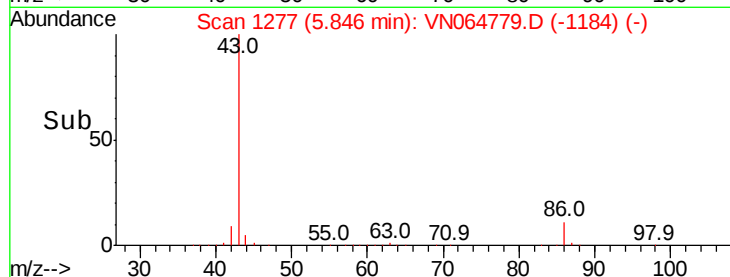
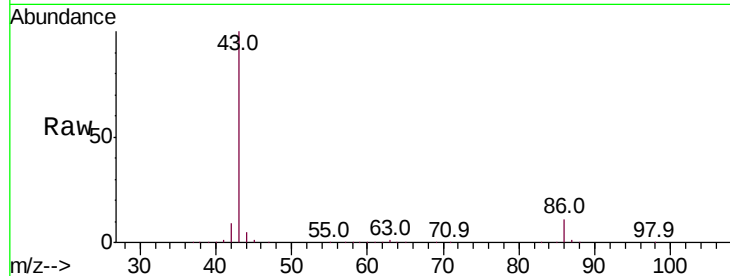
VSTDICCC050

Tot Ion: 43 Resp: 1291421

Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3



#24

1,1-Dichloroethane

Concen: 49.326 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

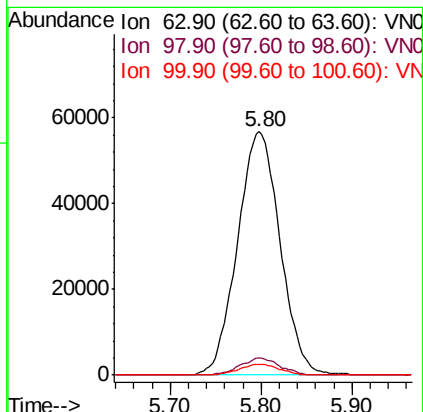
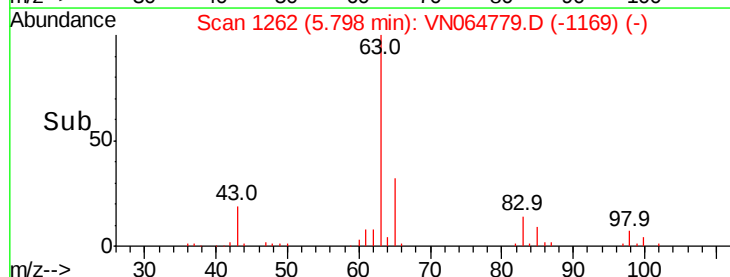
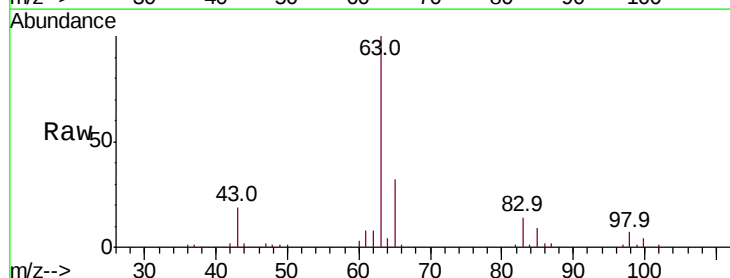
Tgt Ion: 63 Resp: 184441

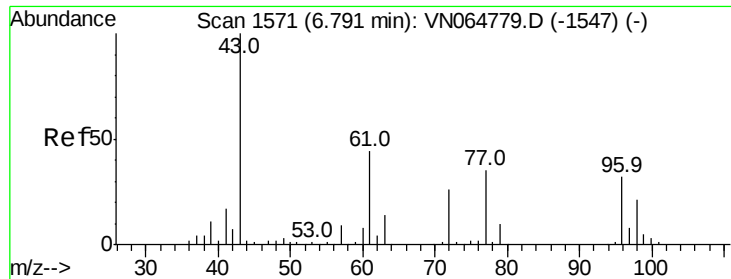
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 261.590 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

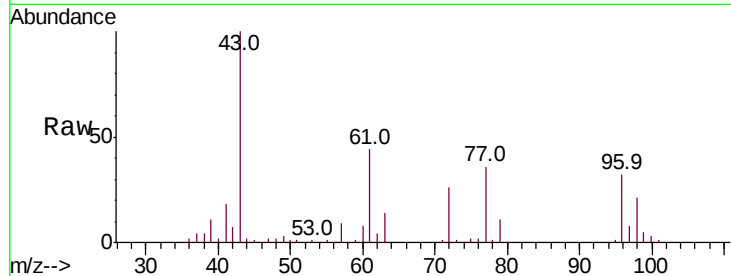
VSTDICCC050

Tot Ion: 43 Resp: 316735

Ion Ratio Lower Upper

43 100

72 26.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1547) (-)

Ion 72.00 (71.70 to 72.70): VN064779.D (-1547) (-)

6.79

120000

100000

80000

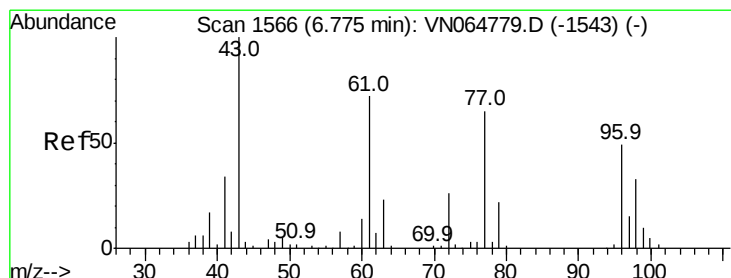
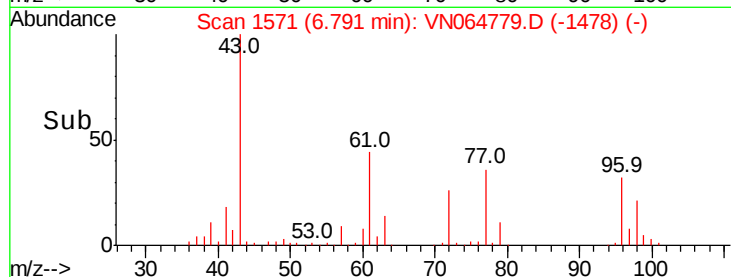
60000

40000

20000

0

Time--> 6.65 6.70 6.75 6.80 6.85



#26

2,2-Dichloropropane

Concen: 48.514 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064779.D

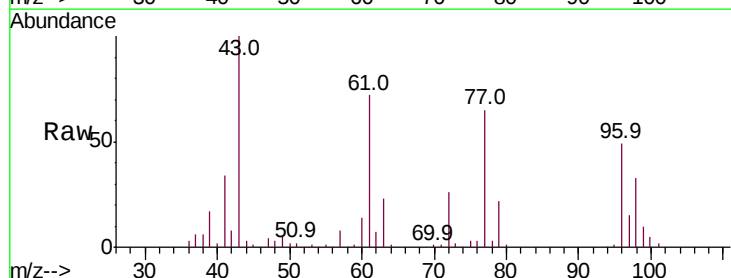
Acq: 23 Nov 2020 12:42

Tgt Ion: 77 Resp: 157332

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN064779.D (-1543) (-)

Ion 96.90 (96.60 to 97.60): VN064779.D (-1543) (-)

6.78

50000

40000

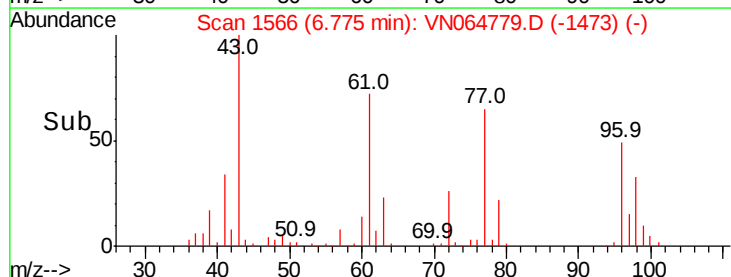
30000

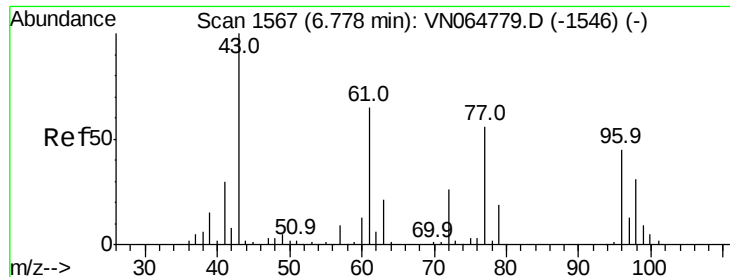
20000

10000

0

Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 48.590 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

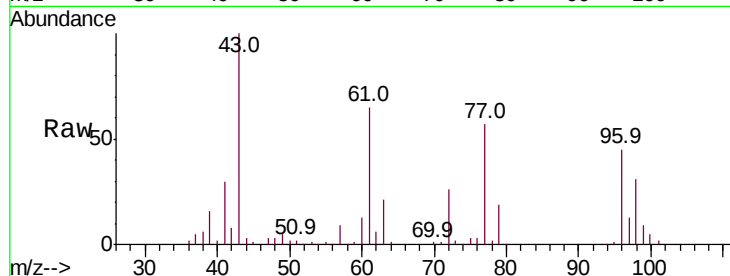
Tot Ion: 96 Resp: 115074

Ion Ratio Lower Upper

96 100

61 142.9 0.0 285.8

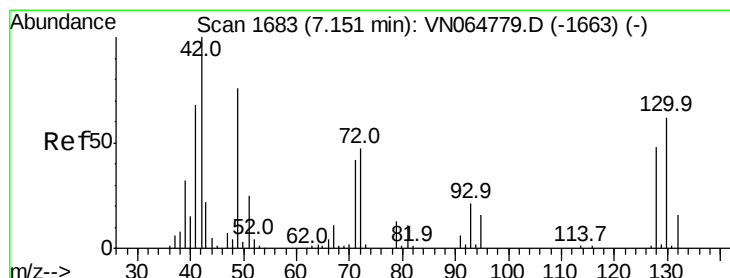
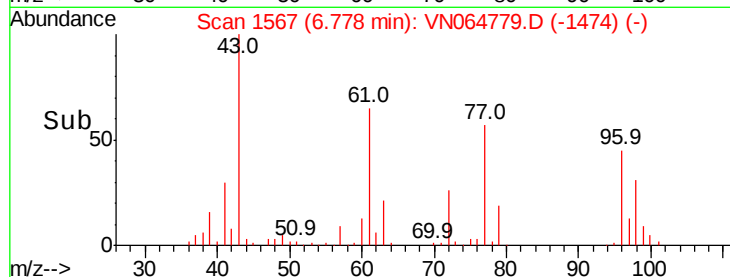
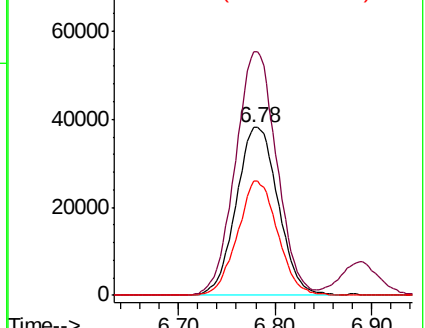
98 65.3 0.0 130.6



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) (-)



#28

Bromochloromethane

Concen: 48.833 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

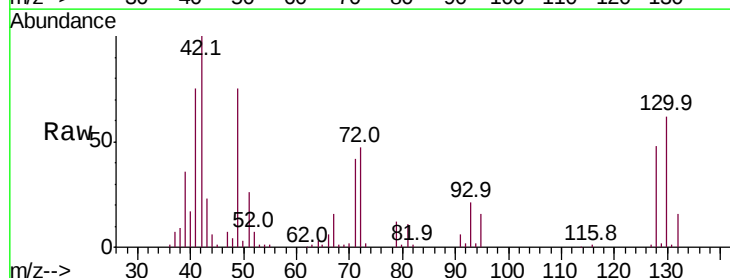
Tgt Ion: 49 Resp: 83533

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

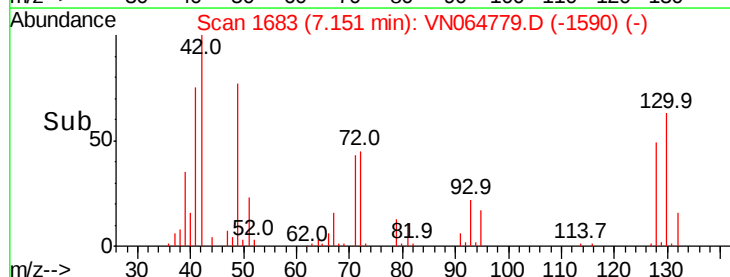
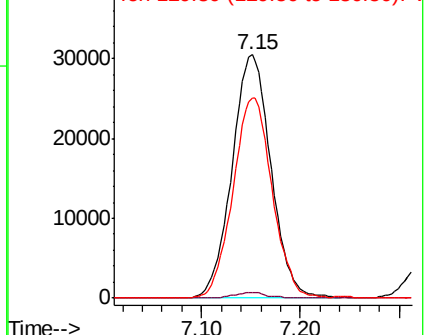
130 82.7 66.2 99.2

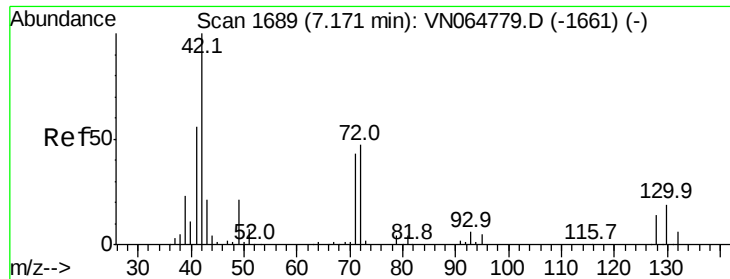


Abundance Ion 48.90 (48.60 to 49.60): VN064779.D (-1663) (-)

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

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

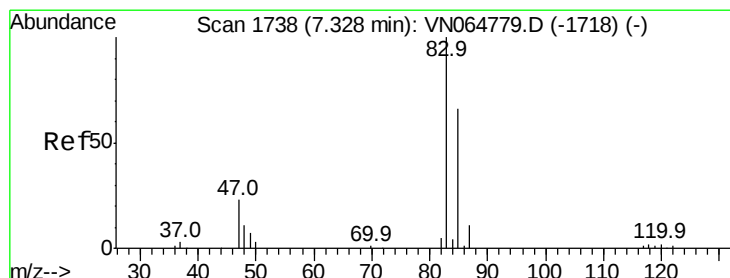
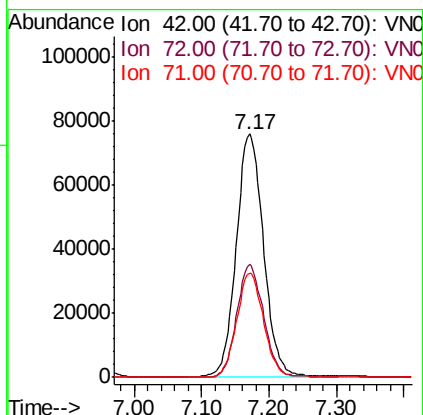
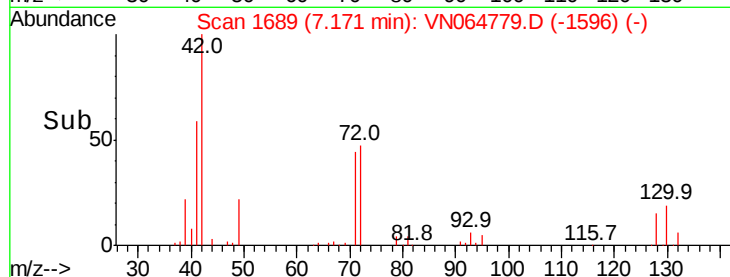
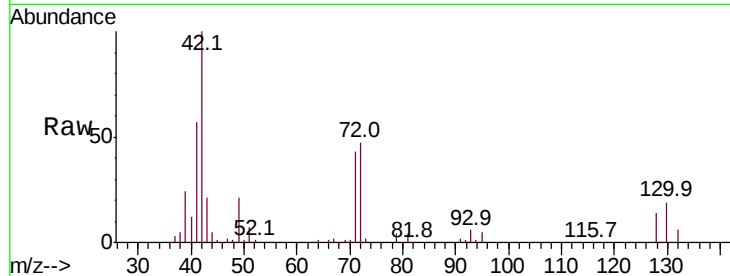




#29
Tetrahydrofuran
Concen: 257.504 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

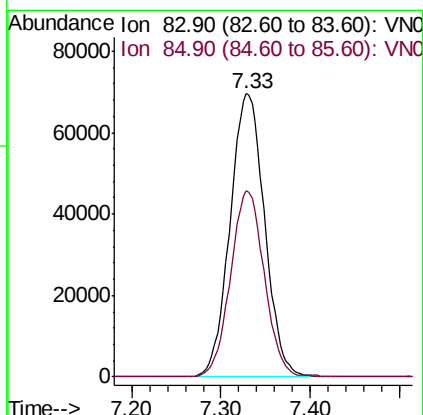
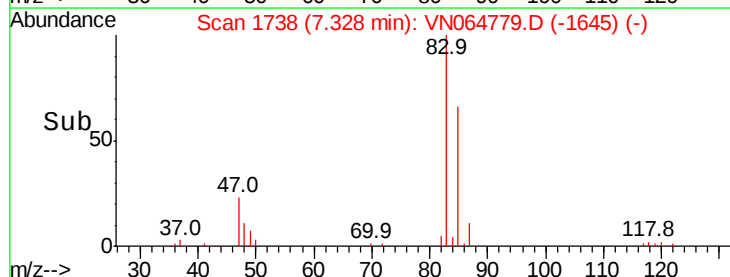
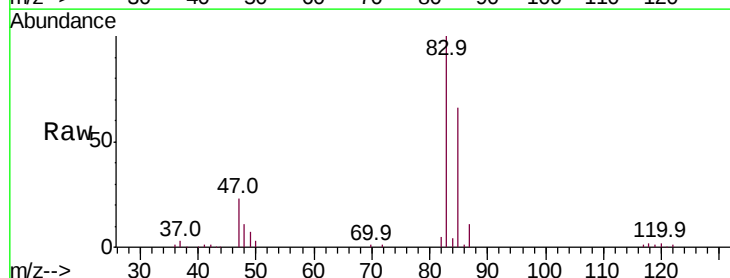
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

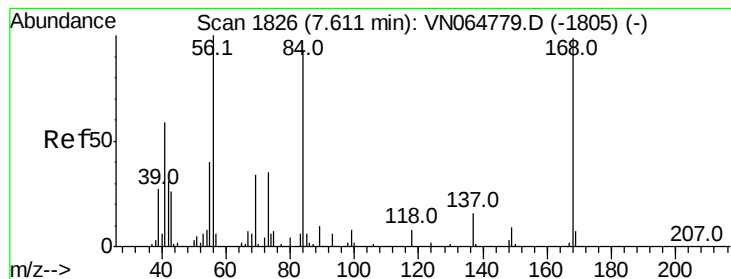
Tot Ion: 42 Resp: 215225
Ion Ratio Lower Upper
42 100
72 45.7 36.6 54.8
71 42.0 33.6 50.4



#30
Chloroform
Concen: 48.330 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion: 83 Resp: 186361
Ion Ratio Lower Upper
83 100
85 65.7 52.6 78.8





#31

Cyclohexane

Concen: 46.776 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

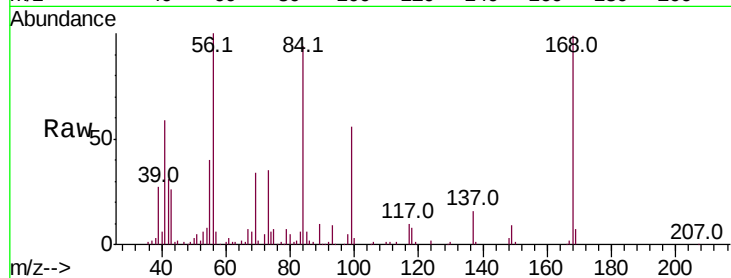
Tot Ion: 56 Resp: 148134

Ion Ratio Lower Upper

56 100

69 34.4 27.5 41.3

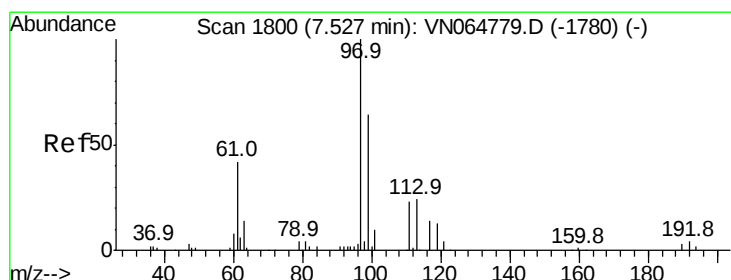
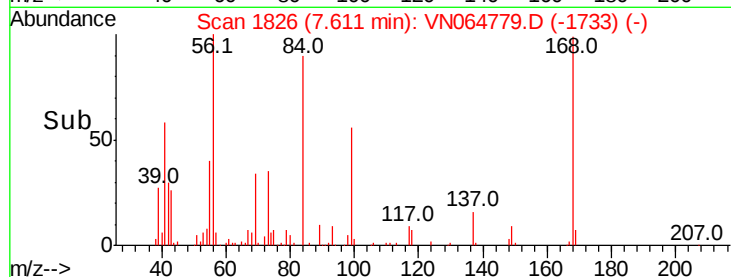
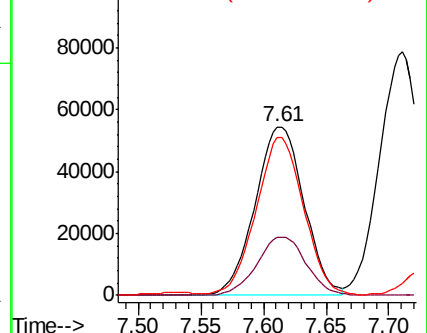
84 92.4 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 48.699 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

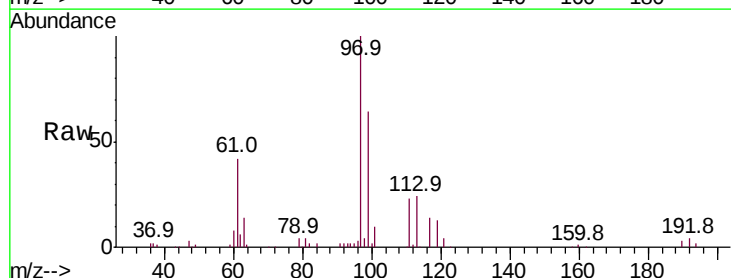
Tgt Ion: 97 Resp: 161284

Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

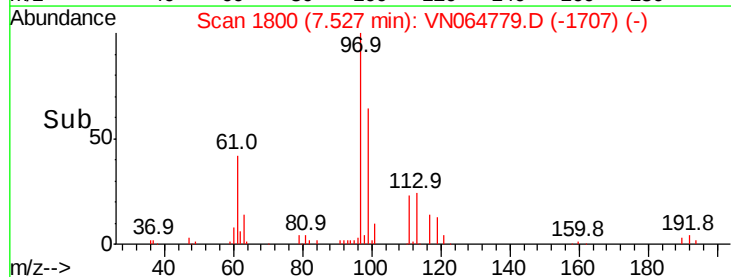
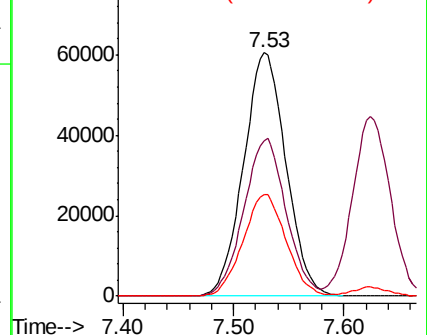
61 42.4 33.9 50.9

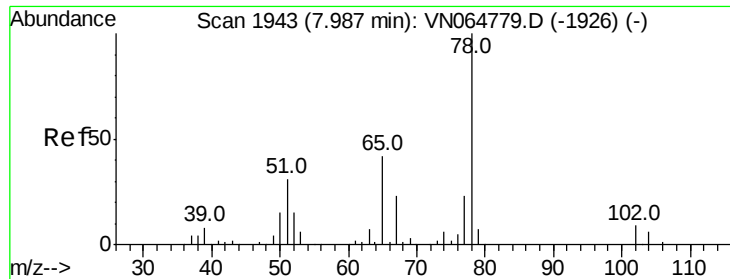


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 47.664 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

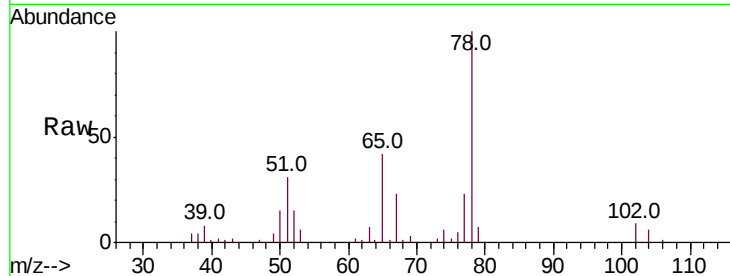
VSTDICCC050

Tot Ion: 65 Resp: 108302

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN064779.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN064779.D (-1926) (-)

7.99

50000

40000

30000

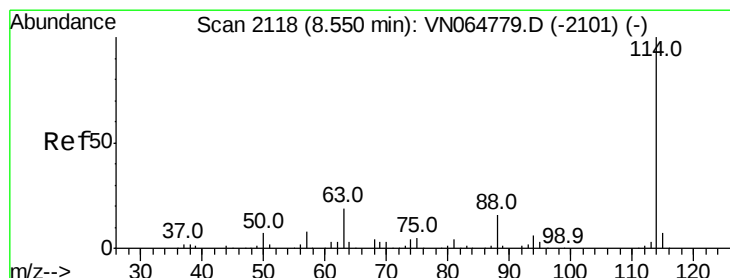
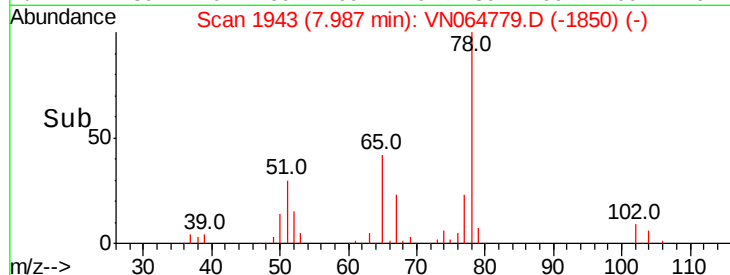
20000

10000

0

Time-->

7.90 7.95 8.00 8.05



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

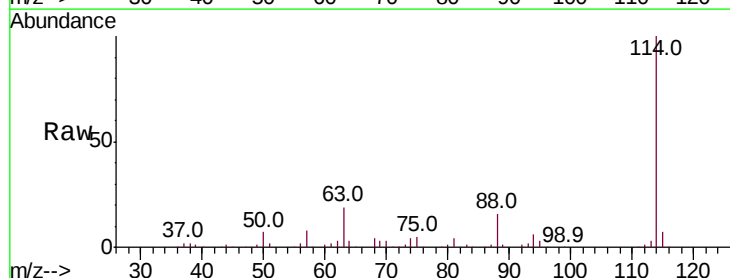
Tgt Ion: 114 Resp: 302904

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

88 16.3 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): VN064779.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN064779.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN064779.D (-2101) (-)

200000

150000

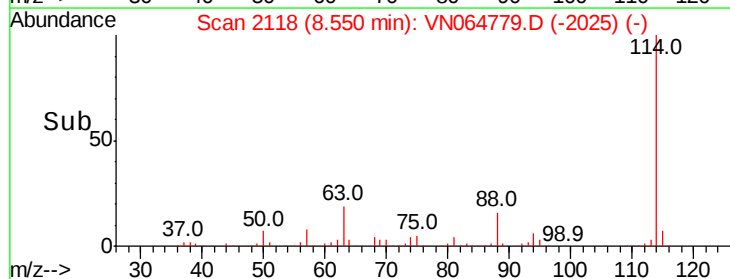
100000

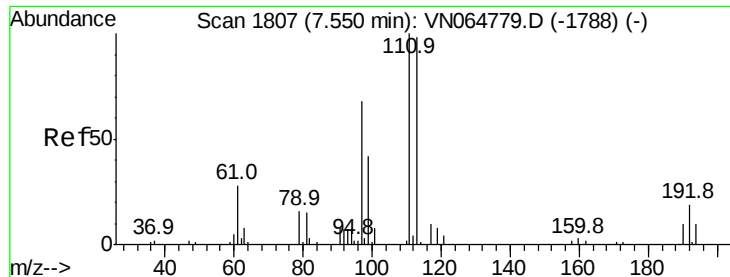
50000

0

Time-->

8.50 8.55 8.60

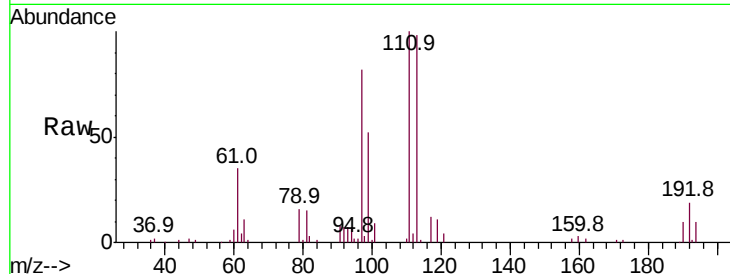




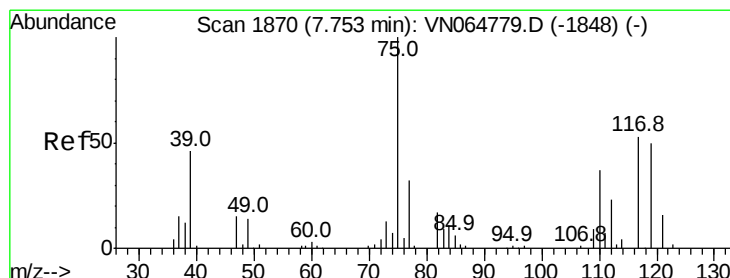
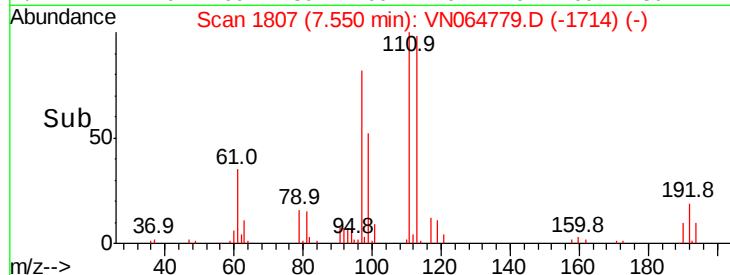
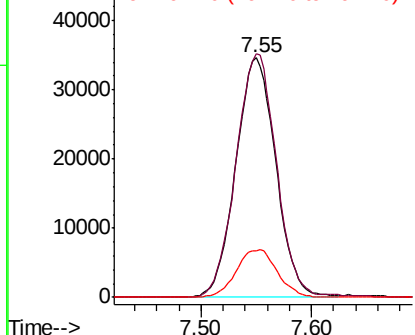
#35
 Dibromofluoromethane
 Concen: 48.109 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:113 Resp: 87196
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.6 122.4
 192 20.2 16.2 24.2

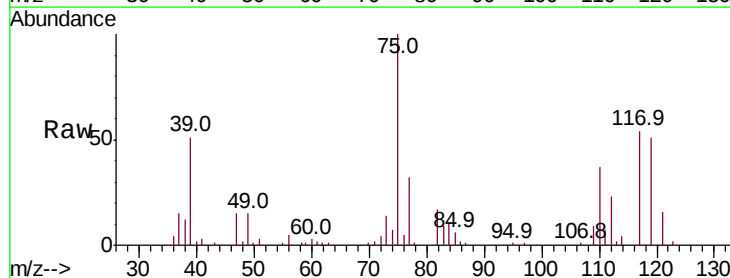


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

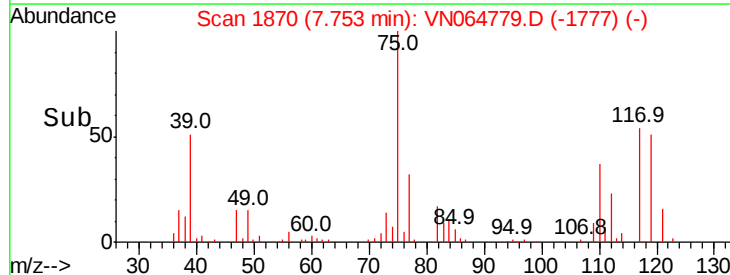
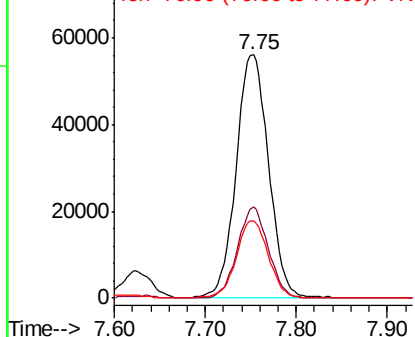


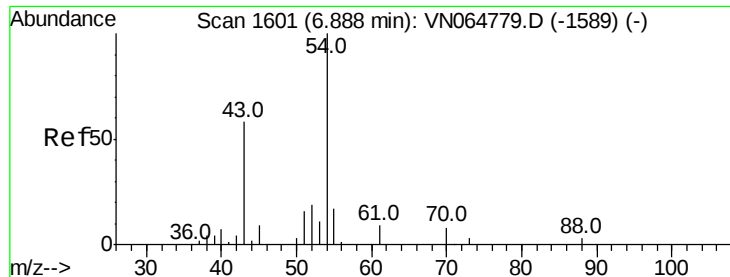
#36
 1,1-Dichloropropene
 Concen: 49.587 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Tgt Ion: 75 Resp: 139222
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.8 53.3
 77 31.2 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

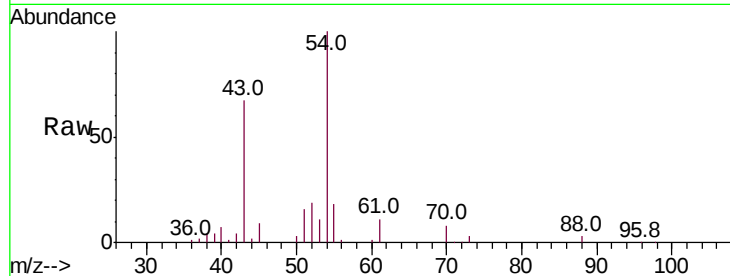




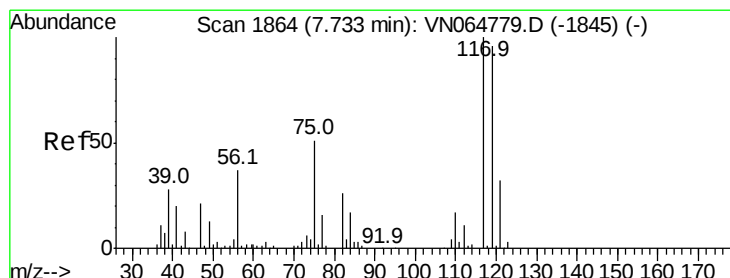
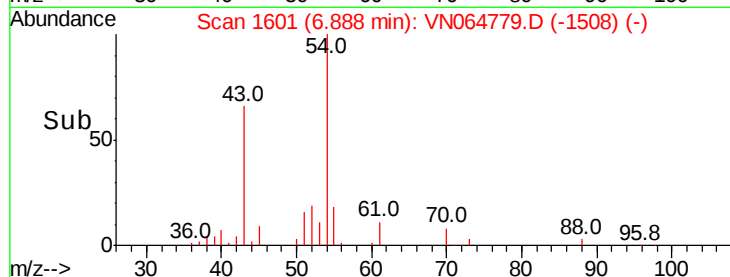
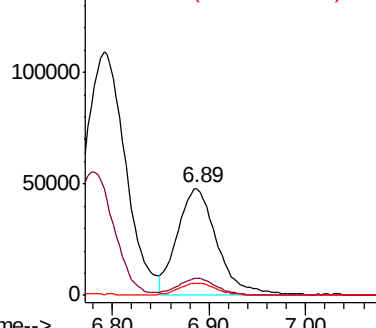
#37
Ethyl Acetate
Concen: 50.135 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 135590
Ion Ratio Lower Upper
43 100
61 16.0 12.8 19.2
70 11.0 8.8 13.2

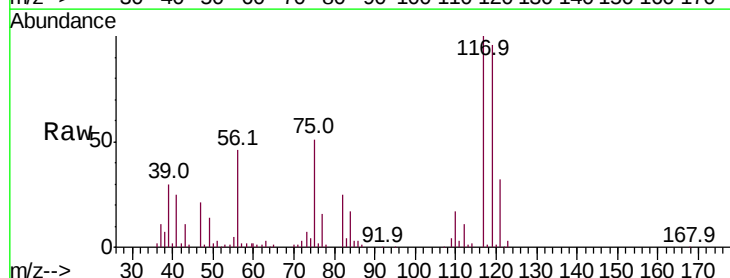


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

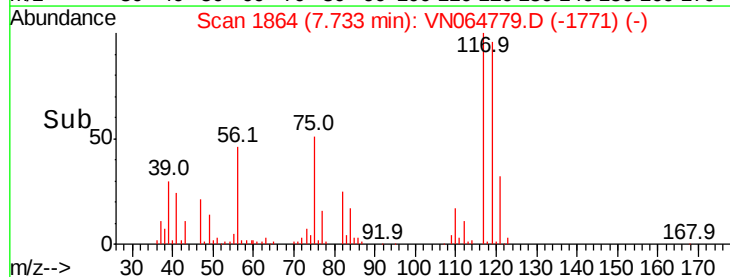
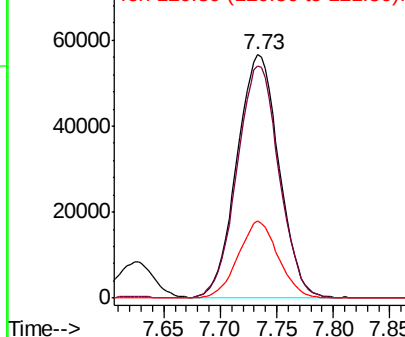


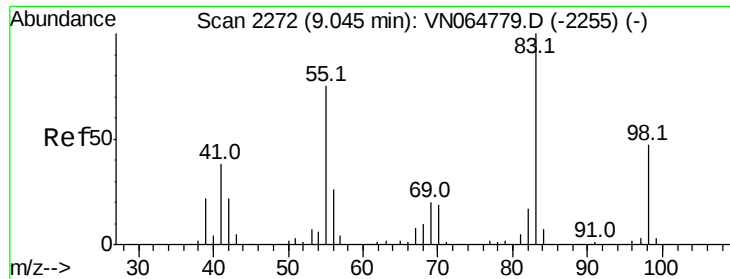
#38
Carbon Tetrachloride
Concen: 49.854 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion: 117 Resp: 145639
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1
121 31.8 25.4 38.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

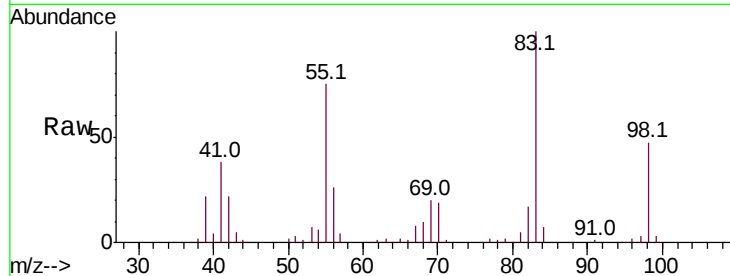




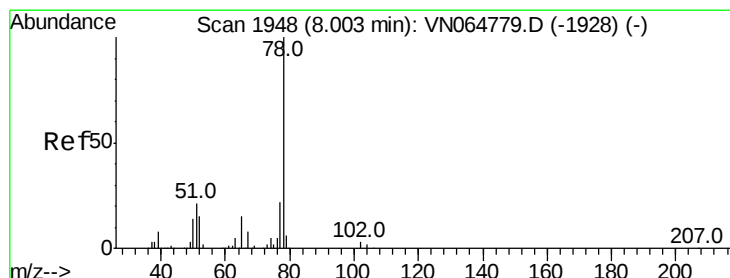
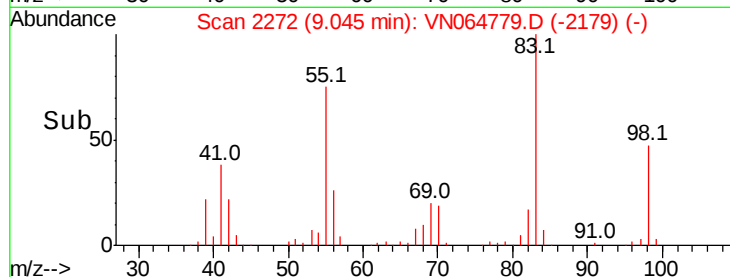
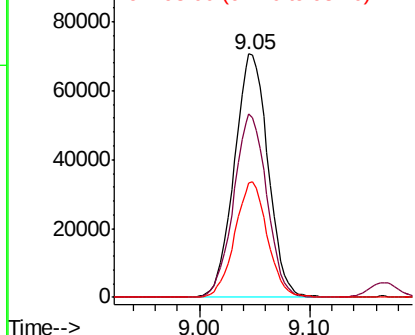
#39
Methvlcvclohexane
Concen: 49.415 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 83 Resp: 149352
Ion Ratio Lower Upper
83 100
55 75.2 60.2 90.2
98 46.8 37.4 56.2

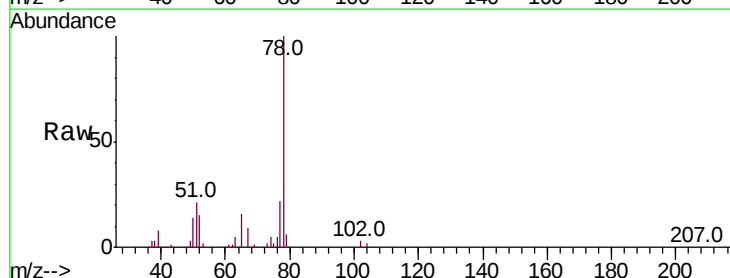


Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 98.00 (97.70 to 98.70): VNO

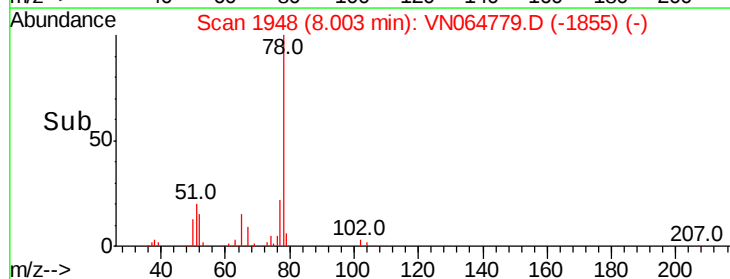
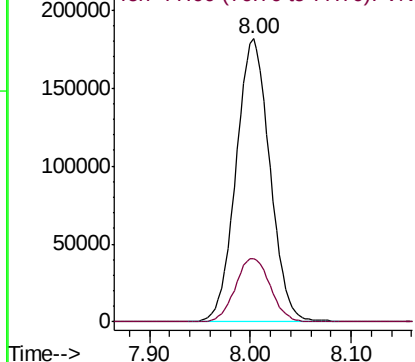


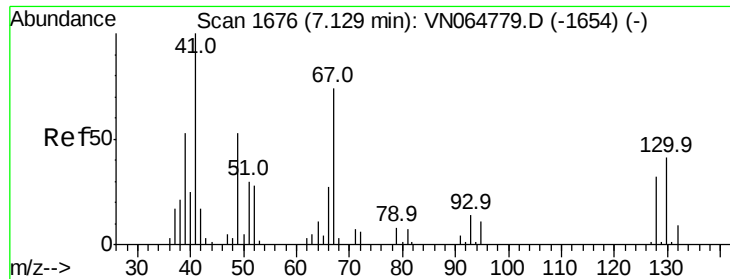
#40
Benzene
Concen: 49.083 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion: 78 Resp: 422287
Ion Ratio Lower Upper
78 100
77 22.4 17.9 26.9



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

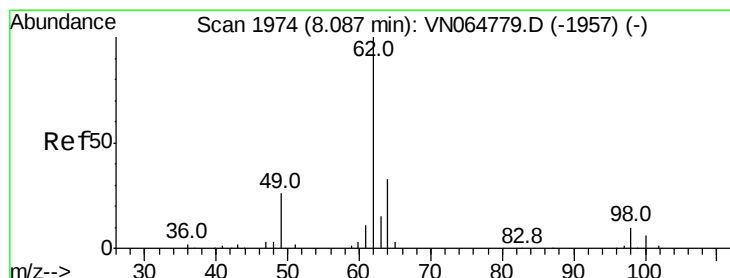
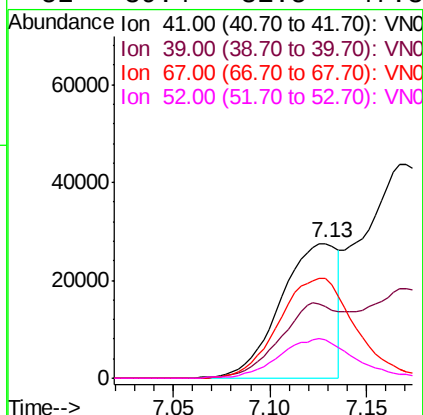
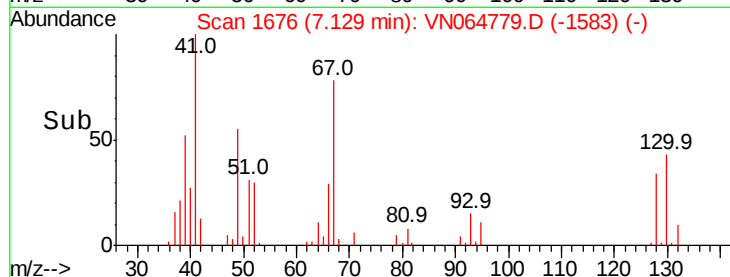
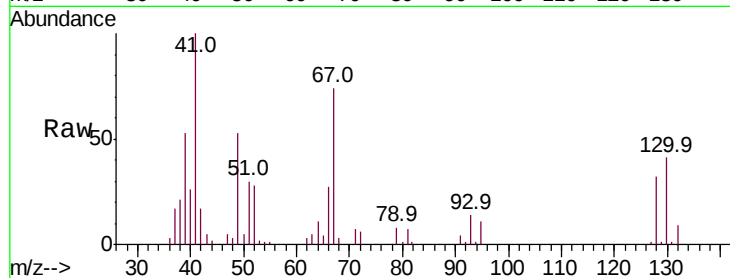




#41
Methacrylonitrile
Concen: 45.242 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

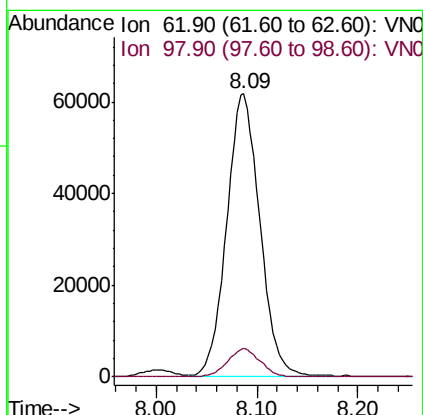
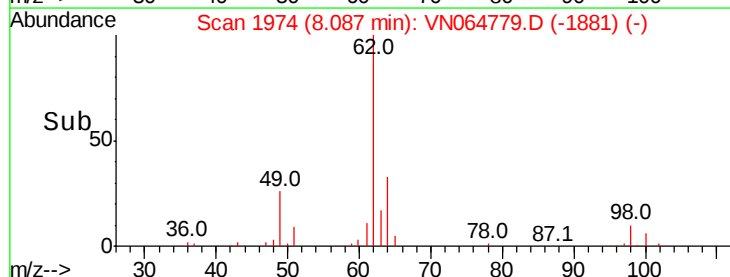
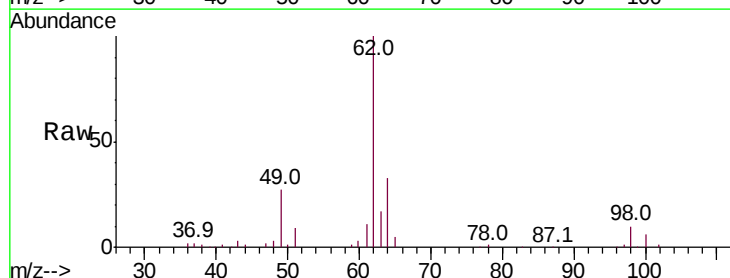
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

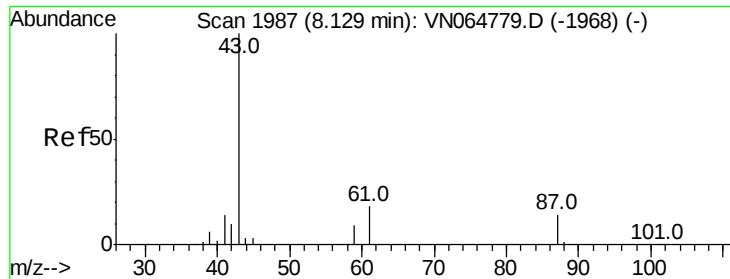
Tot Ion: 41 Resp: 56458
Ion Ratio Lower Upper
41 100
39 63.8 51.0 76.6
67 99.8 79.8 119.8
52 39.4 31.5 47.3



#42
1,2-Dichloroethane
Concen: 48.556 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion: 62 Resp: 140927
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.6





#43

Isopropyl Acetate

Concen: 50.821 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

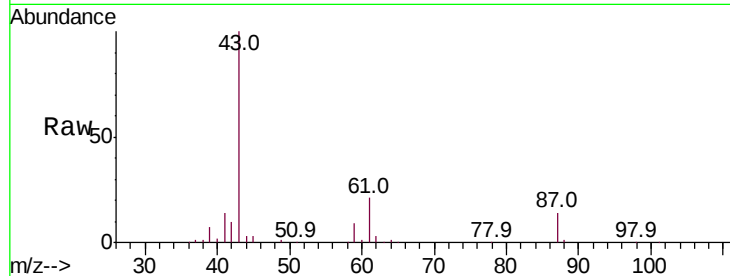
Tot Ion: 43 Resp: 221166

Ion Ratio Lower Upper

43 100

61 21.5 17.2 25.8

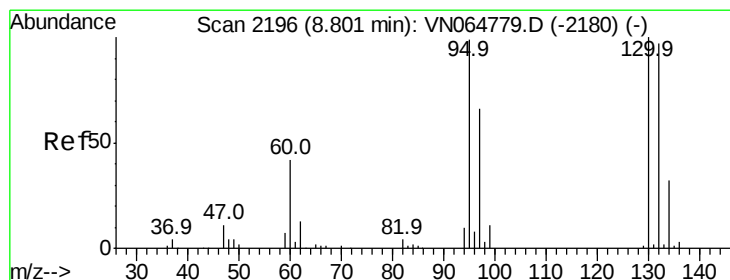
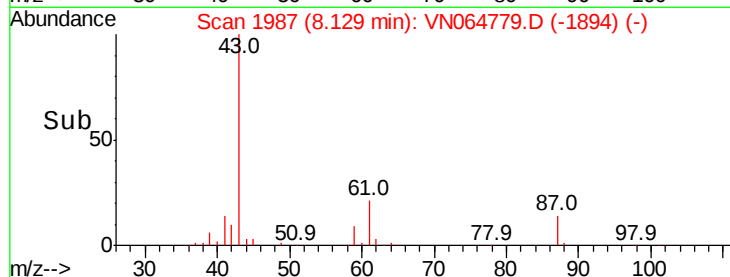
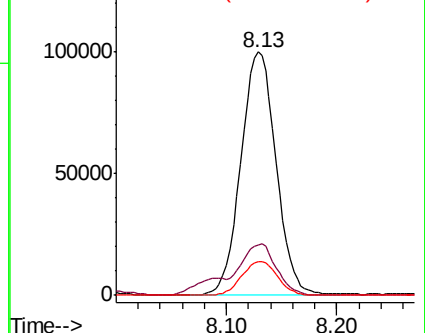
87 14.2 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064779.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1968) (-)



#44

Trichloroethene

Concen: 48.183 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064779.D

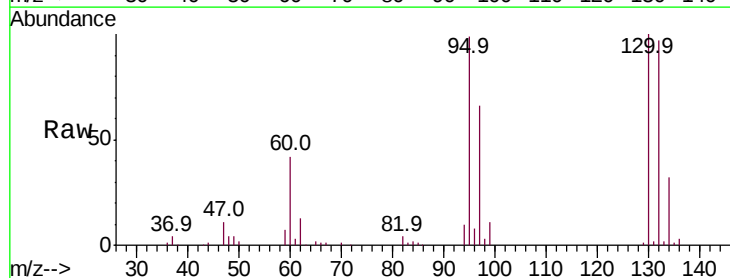
Acq: 23 Nov 2020 12:42

Tgt Ion:130 Resp: 122313

Ion Ratio Lower Upper

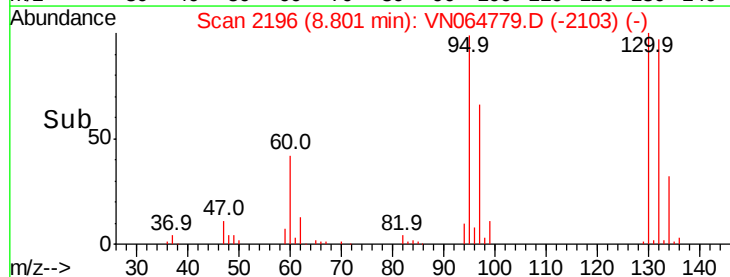
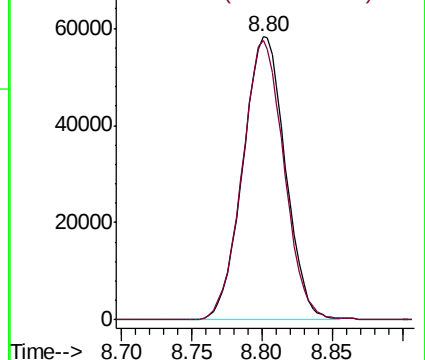
130 100

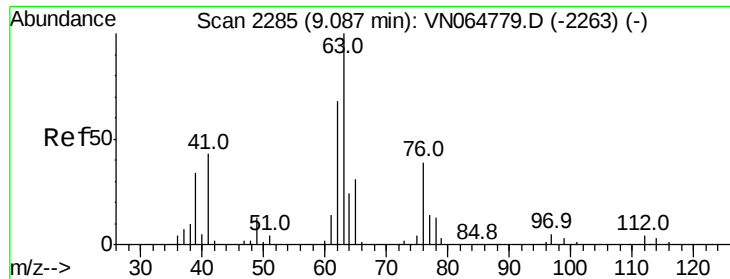
95 98.9 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064779.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064779.D (-2180) (-)

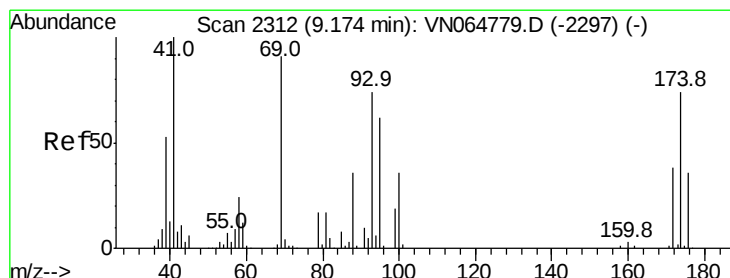
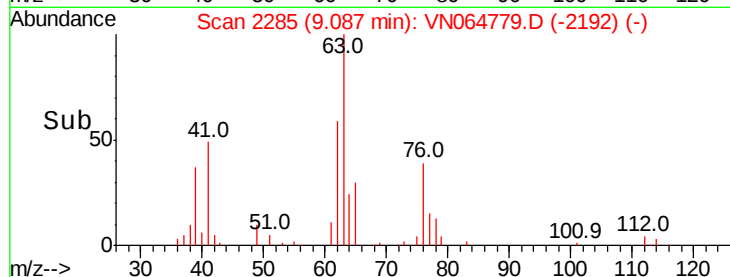
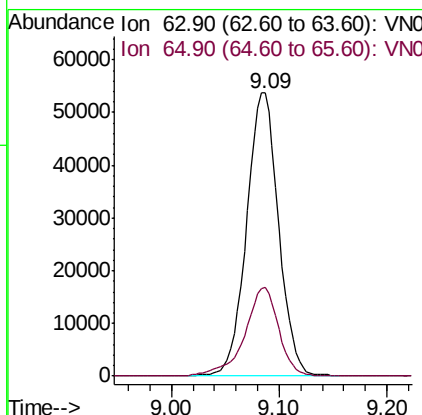
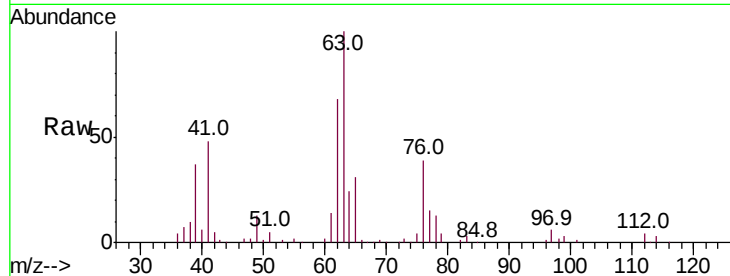




#45
 1,2-Dichloropropane
 Concen: 49.677 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

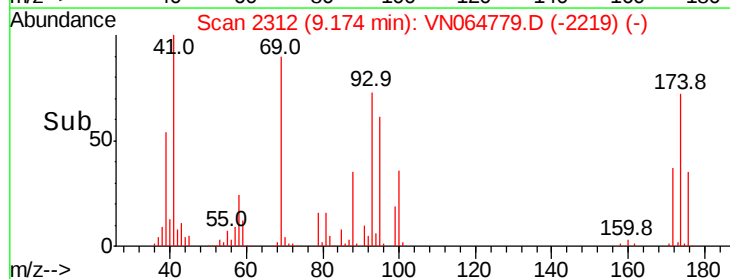
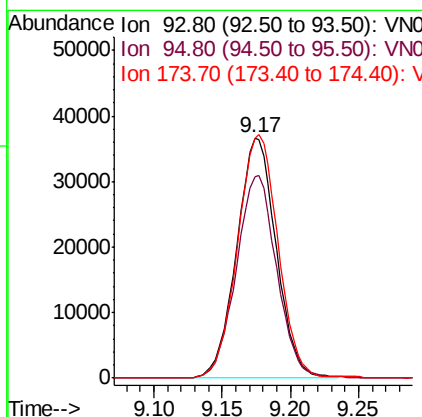
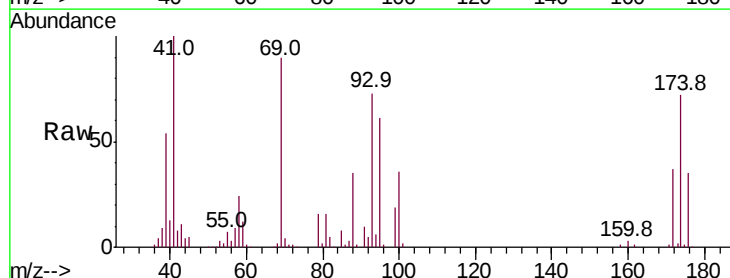
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

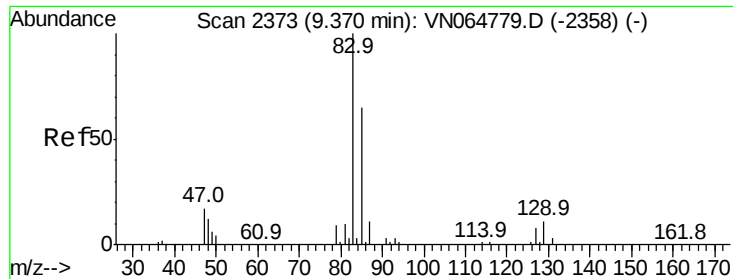
Tot Ion: 63 Resp: 110682
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.4



#46
 Dibromomethane
 Concen: 49.504 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Tgt Ion: 93 Resp: 73685
 Ion Ratio Lower Upper
 93 100
 95 86.0 68.8 103.2
 174 103.9 83.1 124.7





#47

Bromodichloromethane

Concen: 49.958 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

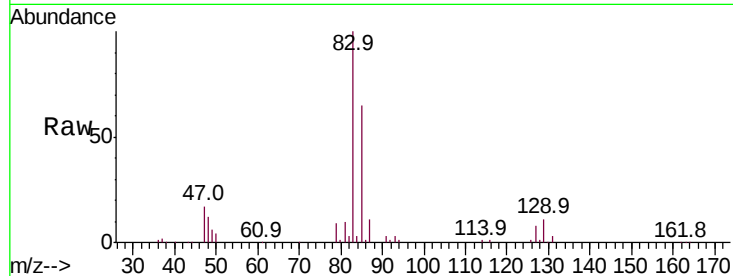
Tot Ion: 83 Resp: 149624

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.8

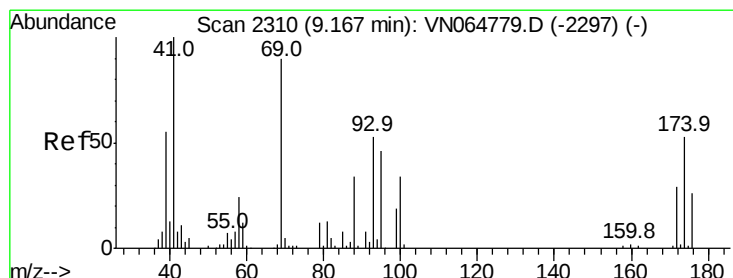
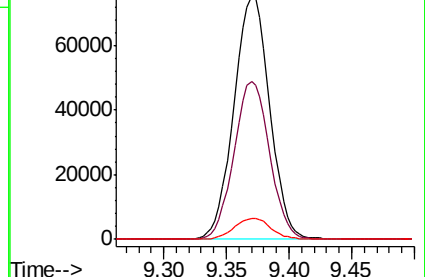
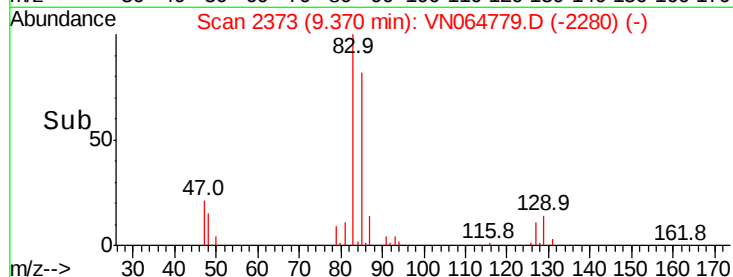
127 8.5 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-2358) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-2358) (-)

Ion 126.80 (126.50 to 127.50): VN064779.D (-2358) (-)



#48

Methyl methacrylate

Concen: 52.137 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

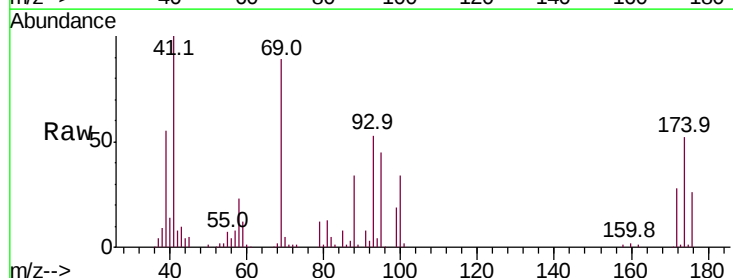
Tgt Ion: 41 Resp: 108418

Ion Ratio Lower Upper

41 100

69 89.8 71.8 107.8

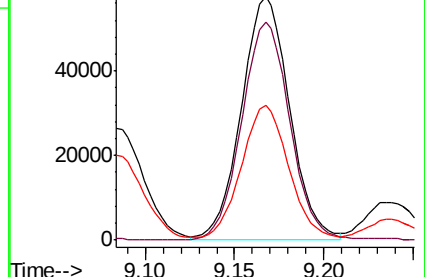
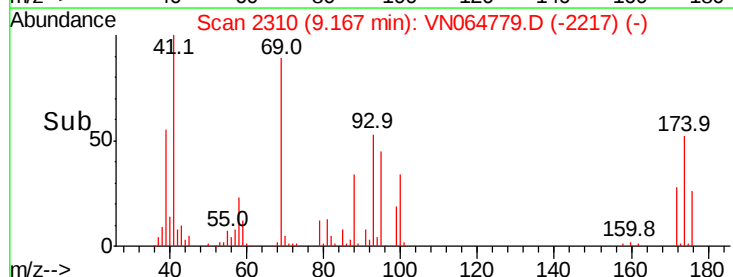
39 55.1 44.1 66.1

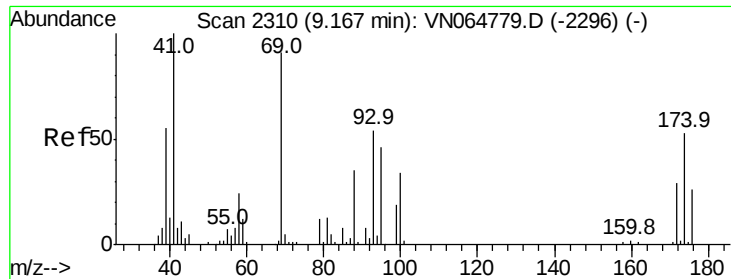


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064779.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-2297) (-)

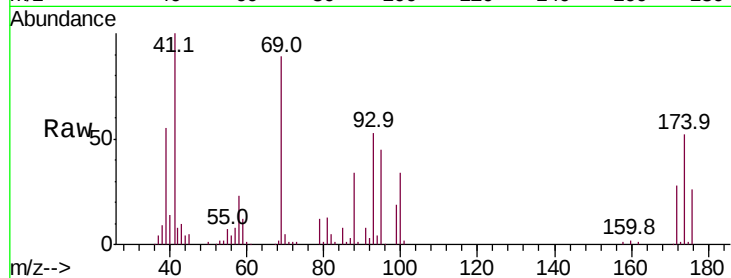




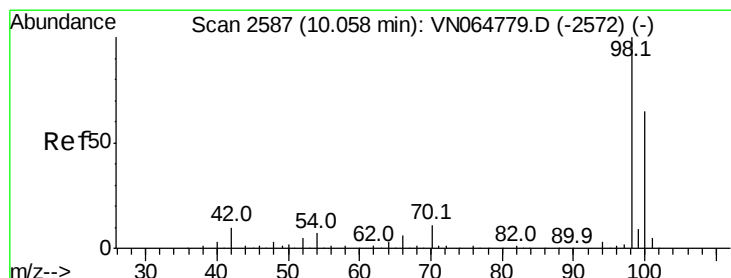
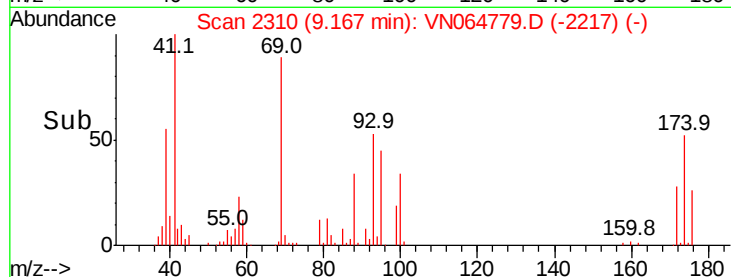
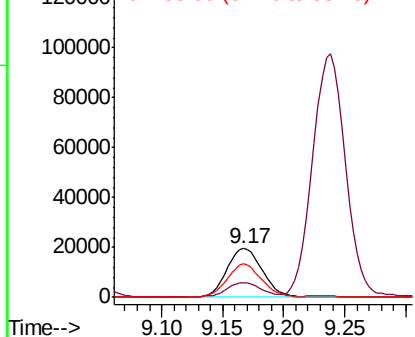
#49
1,4-Dioxane
Concen: 1023.829 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 88 Resp: 40239
Ion Ratio Lower Upper
88 100
43 30.3 24.2 36.4
58 65.6 52.5 78.7

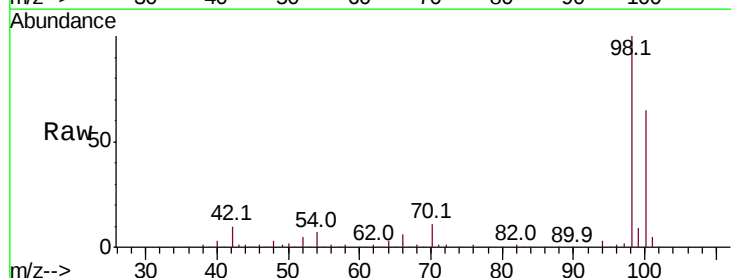


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

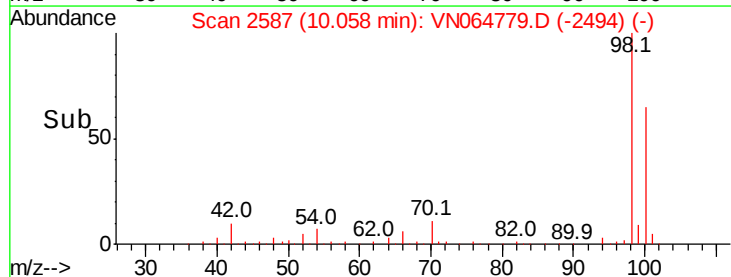
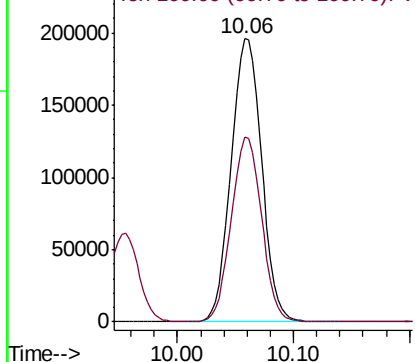


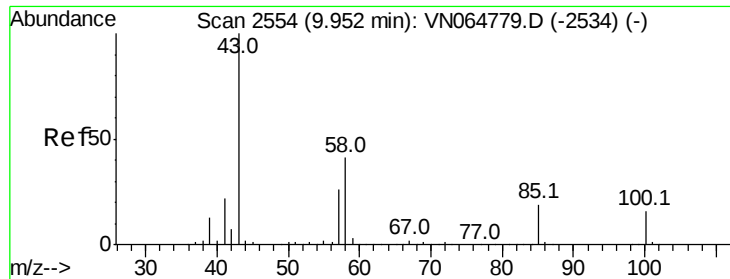
#50
Toluene-d8
Concen: 48.282 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion: 98 Resp: 357563
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: 259.875 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

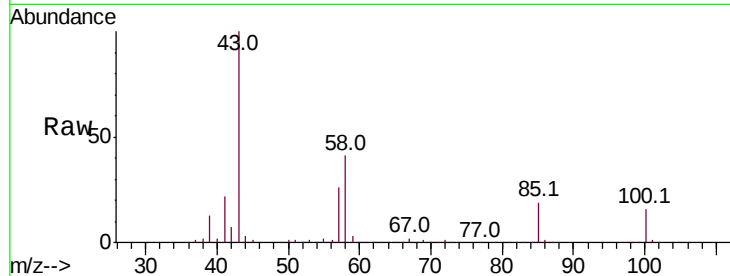
VSTDICCC050

Tot Ion: 43 Resp: 678956

Ion Ratio Lower Upper

43 100

58 40.5 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

400000

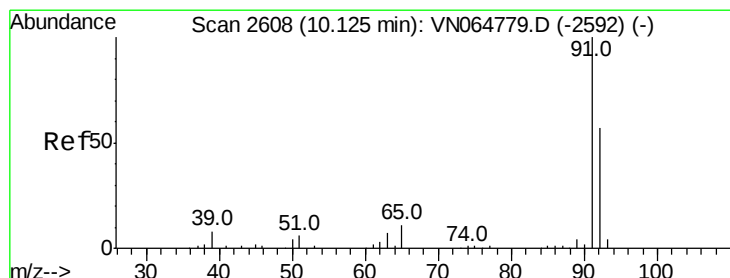
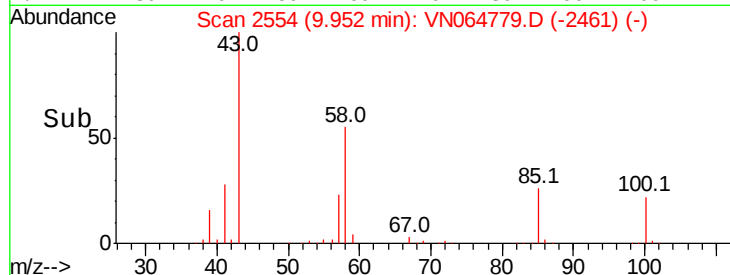
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.091 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064779.D

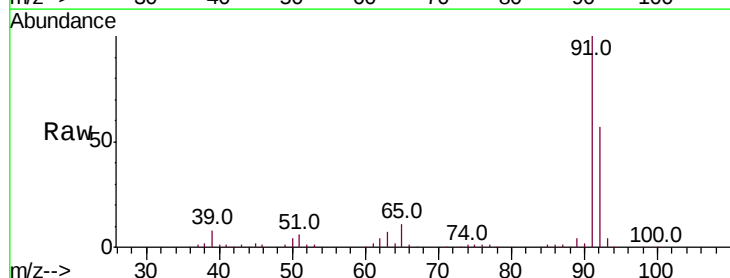
Acq: 23 Nov 2020 12:42

Tgt Ion: 92 Resp: 265399

Ion Ratio Lower Upper

92 100

91 173.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

300000

250000

200000

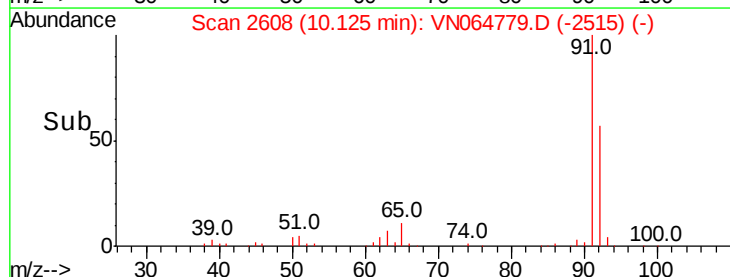
150000

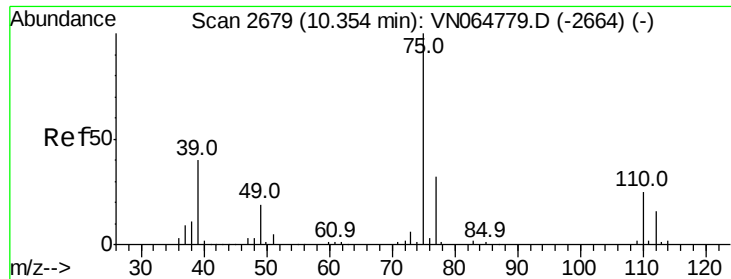
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.572 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

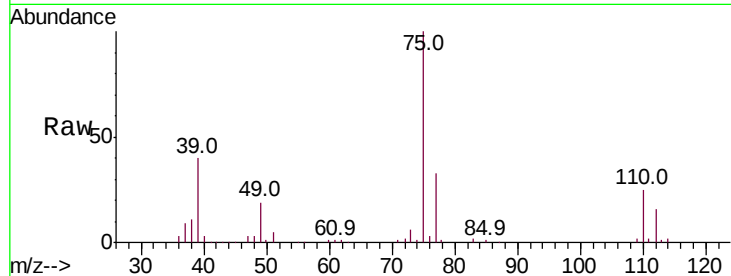
VSTDICCC050

Tot Ion: 75 Resp: 165363

Ion Ratio Lower Upper

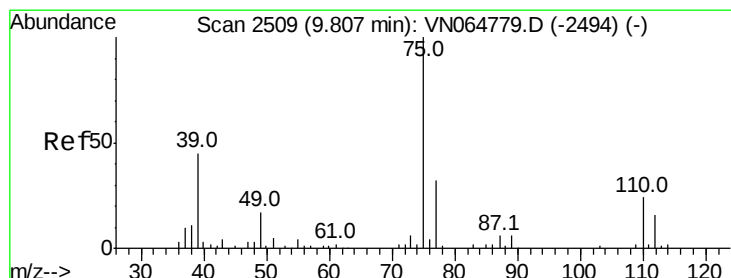
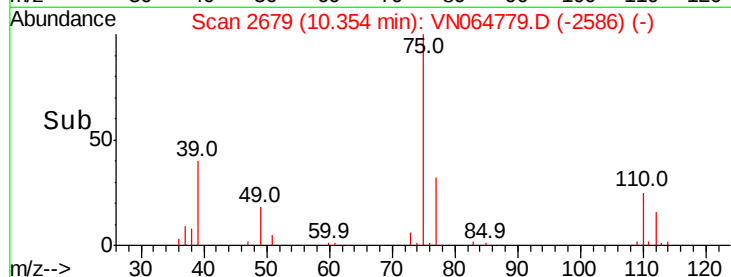
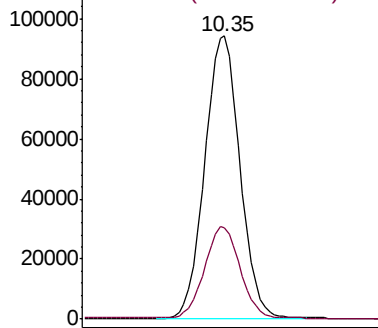
75 100

77 32.2 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: 50.752 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

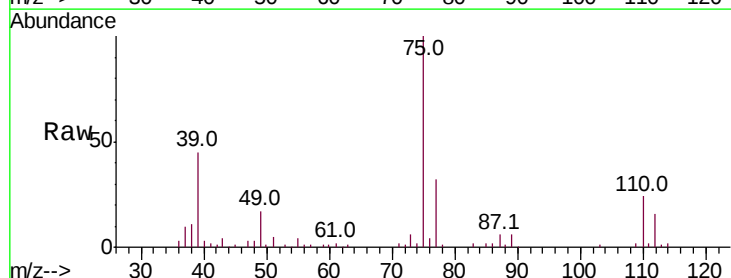
Tgt Ion: 75 Resp: 181468

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

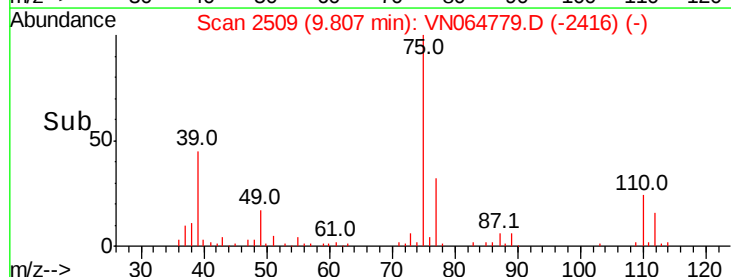
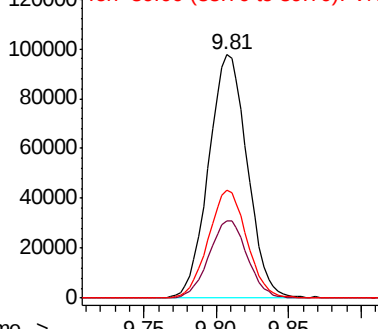
39 44.5 35.6 53.4

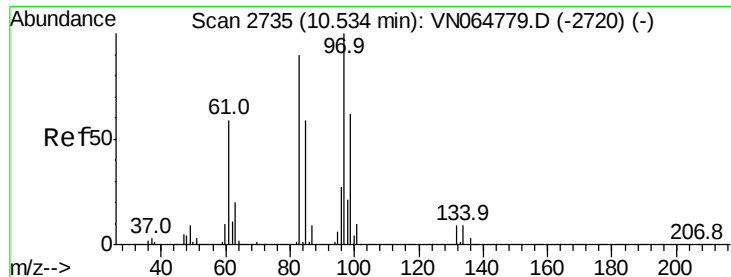


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

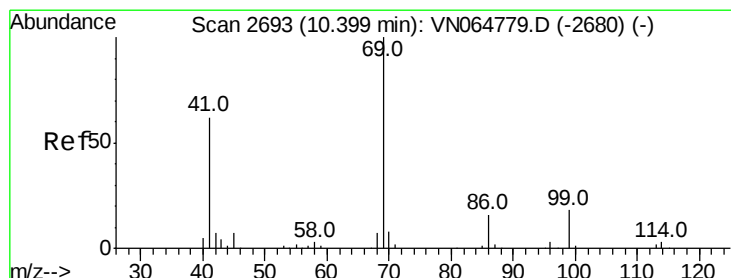
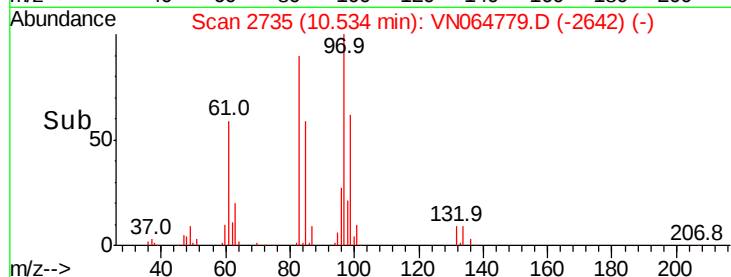
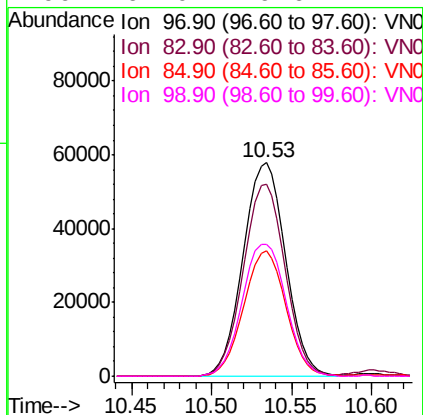
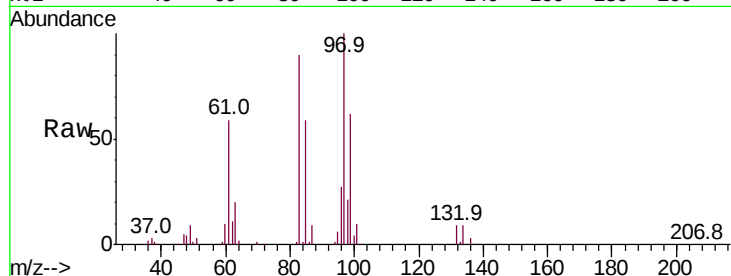




#55
 1,1,2-Trichloroethane
 Concen: 48.200 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

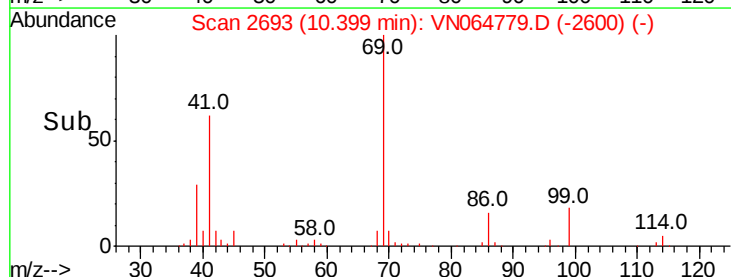
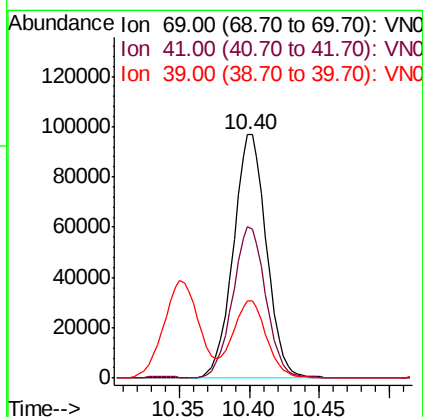
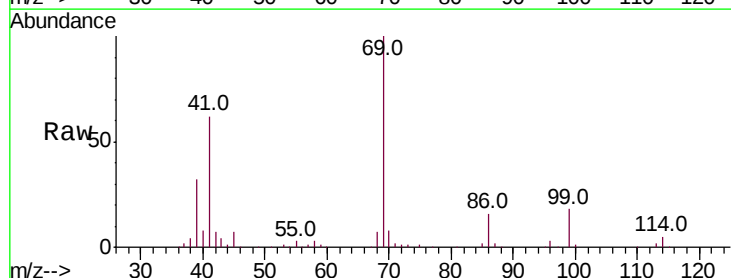
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

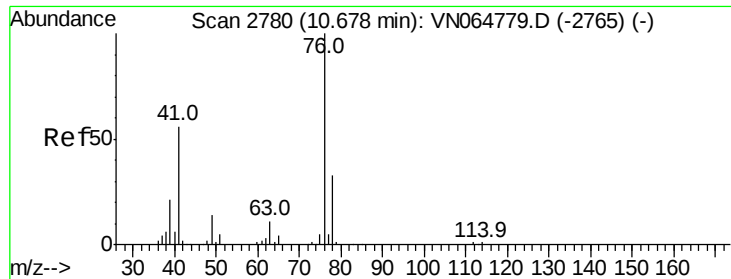
Tot Ion	Ratio	Lower	Upper
97	100		
83	90.1	72.1	108.1
85	58.5	46.8	70.2
99	62.0	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 53.098 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.7	49.4	74.0
39	32.4	25.9	38.9





#57

1,3-Dichloropropane

Concen: 49.691 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

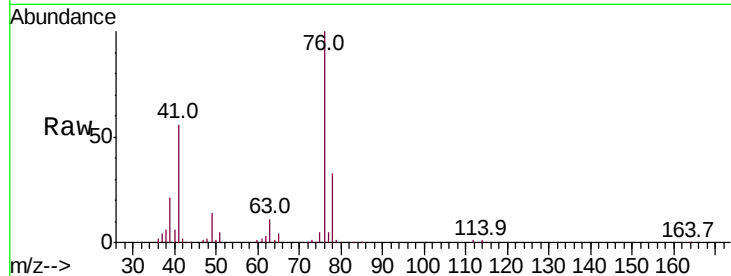
VSTDICCC050

Tot Ion: 76 Resp: 178591

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN064779.D (-2765) (-)

Ion 77.90 (77.60 to 78.60): VN064779.D (-2765) (-)

10.68

80000

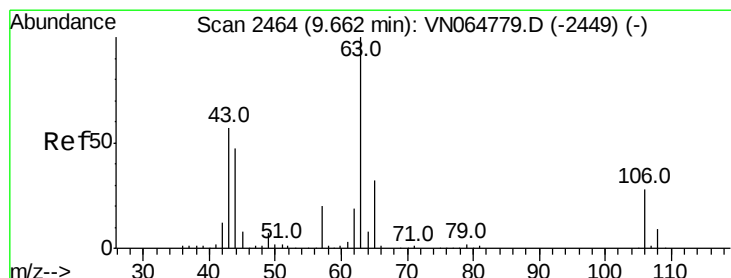
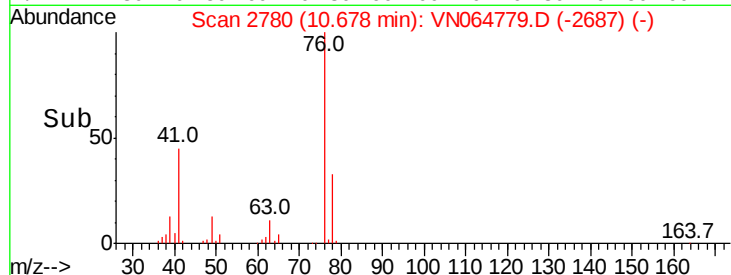
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 267.716 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064779.D

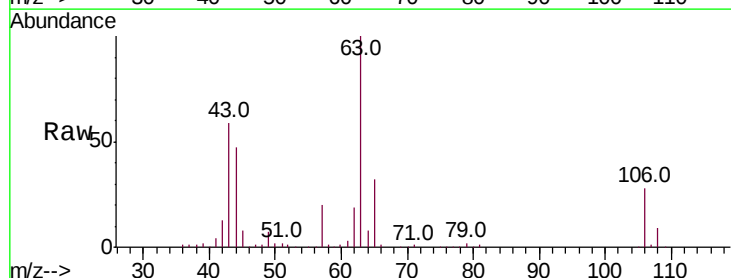
Acq: 23 Nov 2020 12:42

Tgt Ion: 63 Resp: 442760

Ion Ratio Lower Upper

63 100

106 28.4 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN064779.D (-2449) (-)

Ion 105.90 (105.60 to 106.60): VN064779.D (-2449) (-)

9.66

300000

250000

200000

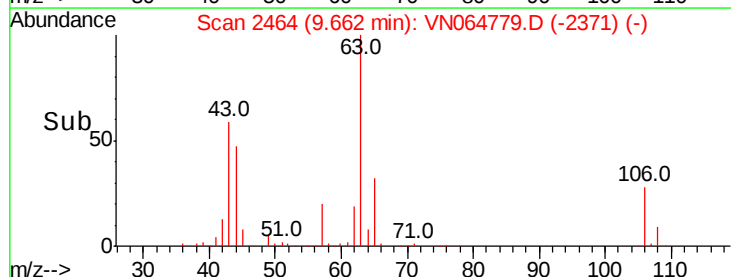
150000

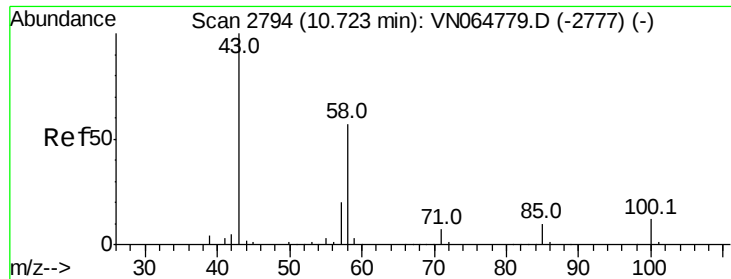
100000

50000

0

Time-->

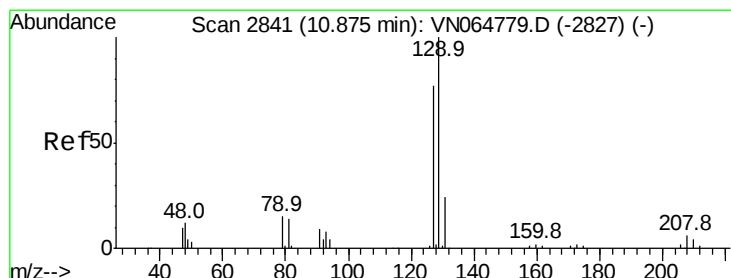
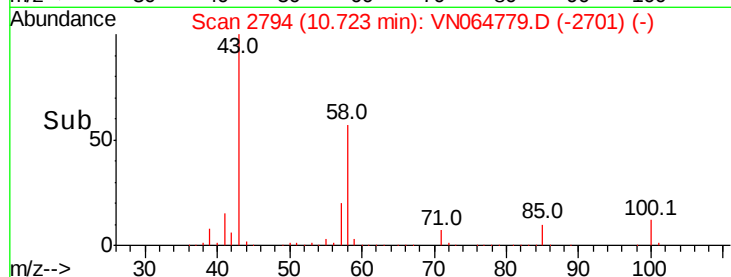
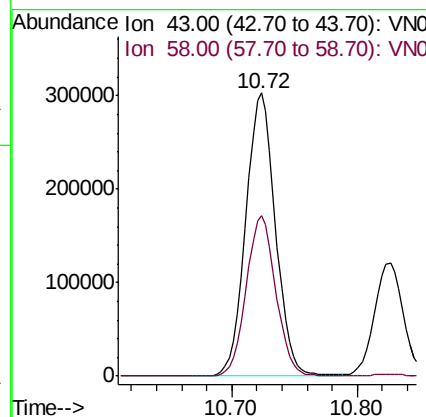
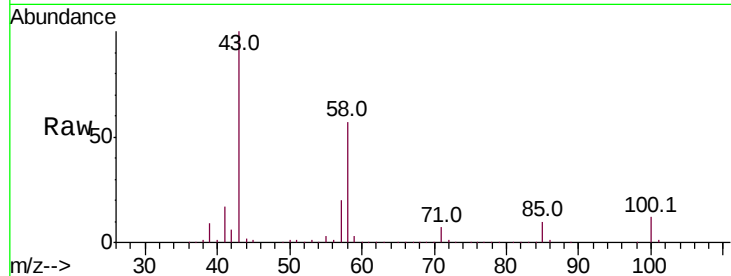




#59
2-Hexanone
Concen: 264.303 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

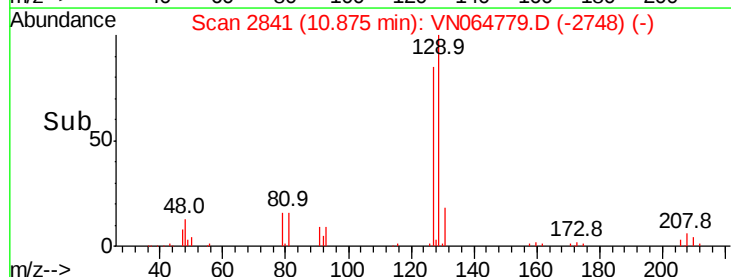
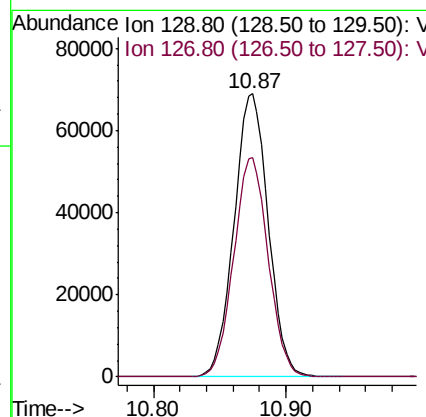
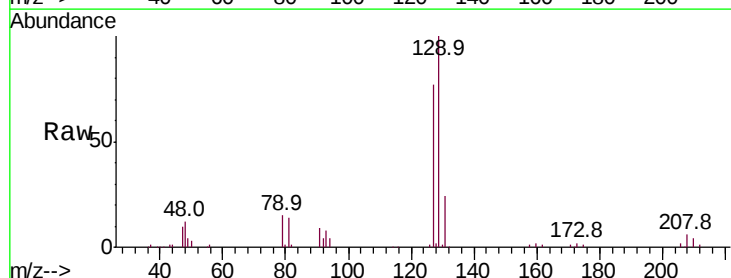
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

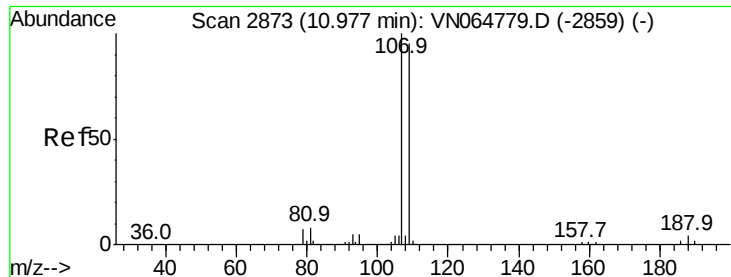
Tot Ion: 43 Resp: 496959
Ion Ratio Lower Upper
43 100
58 56.6 28.3 84.9



#60
Dibromochloromethane
Concen: 50.939 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion: 129 Resp: 123368
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 50.202 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

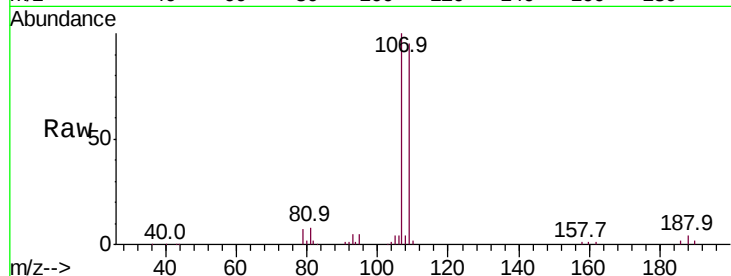
VSTDICCC050

Tot Ion:107 Resp: 111124

Ion Ratio Lower Upper

107 100

109 95.0 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

60000

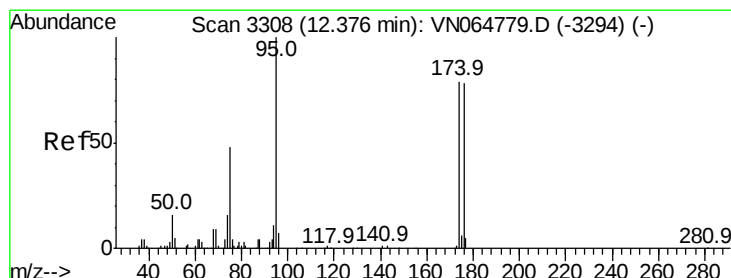
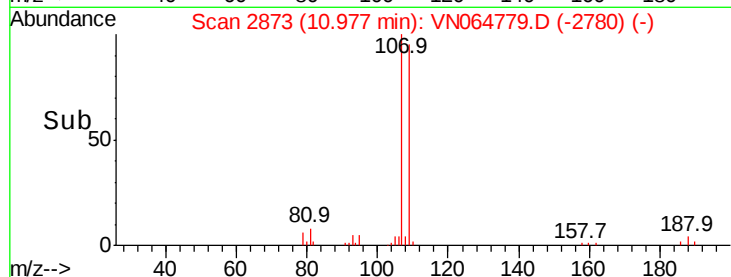
40000

20000

0

Time-->

10.90 11.00



#62

4-Bromofluorobenzene

Concen: 48.139 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

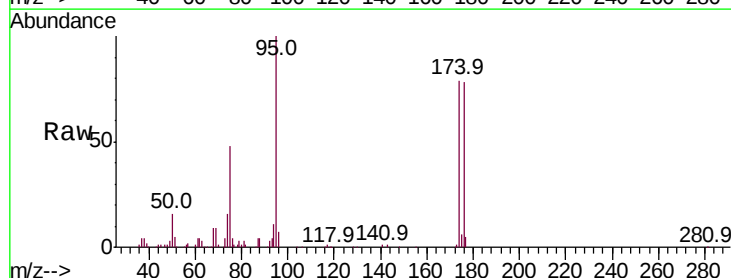
Tgt Ion: 95 Resp: 127585

Ion Ratio Lower Upper

95 100

174 80.2 0.0 160.4

176 79.2 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

100000

80000

60000

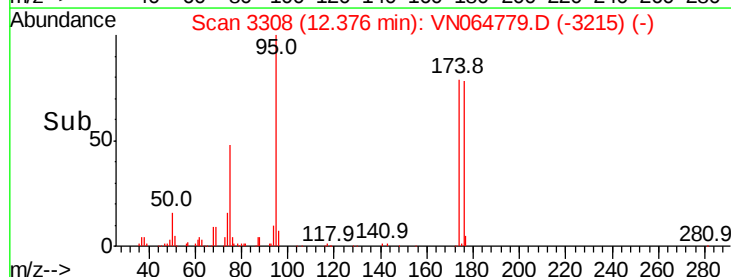
40000

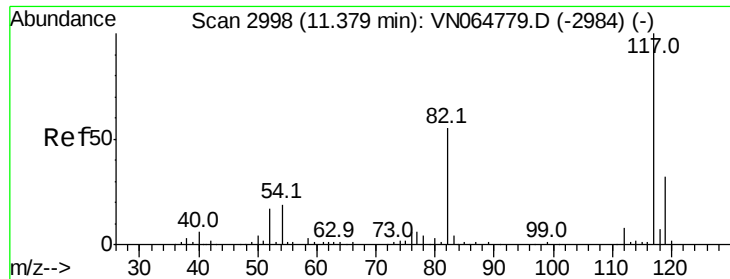
20000

0

Time-->

12.30 12.35 12.40 12.45

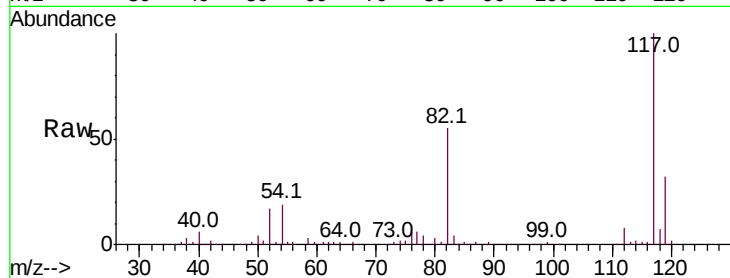




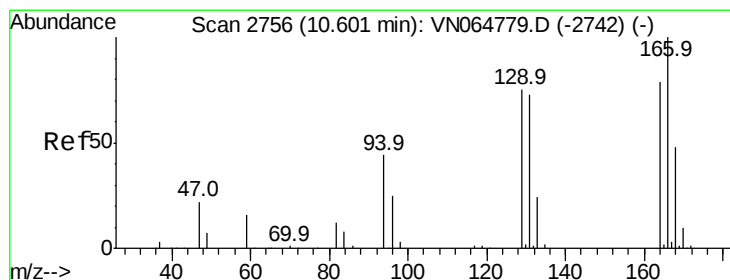
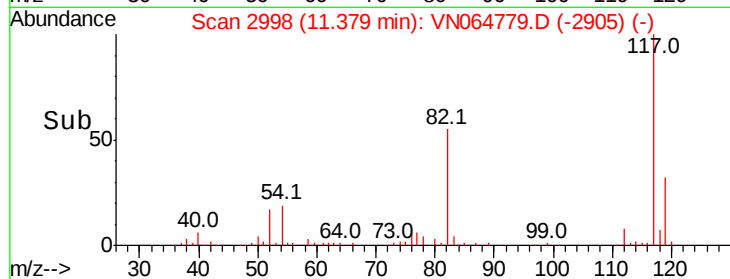
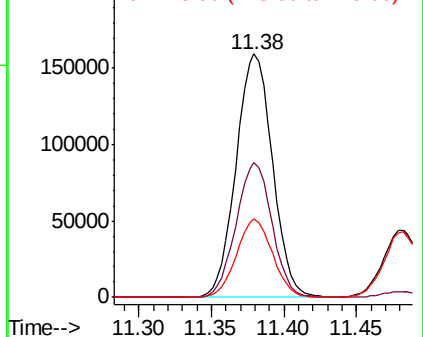
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:117 Resp: 278411
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.2 25.8 38.6

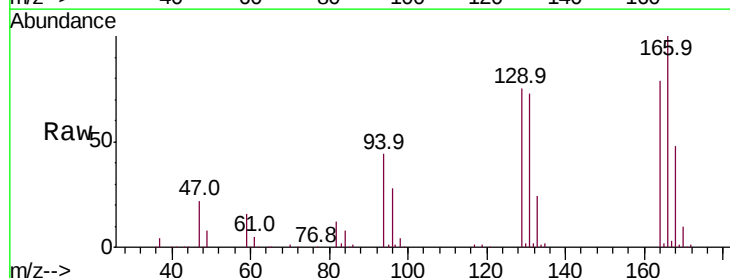


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

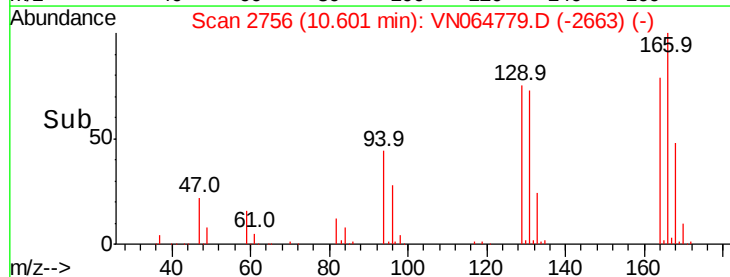
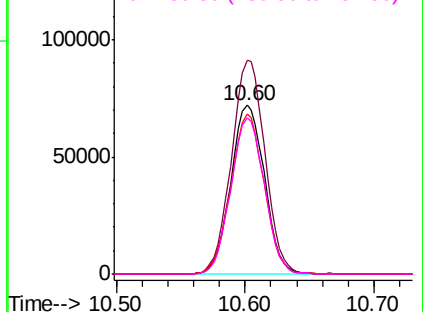


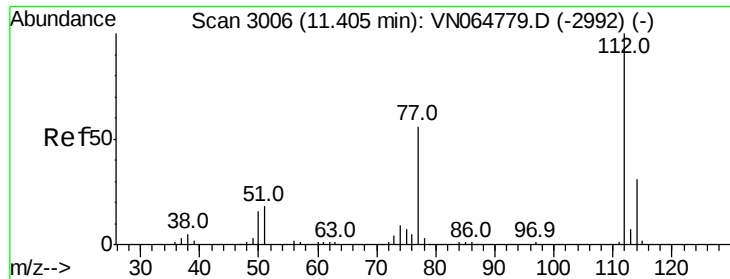
#64
Tetrachloroethene
Concen: 48.314 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion:164 Resp: 130867
Ion Ratio Lower Upper
164 100
166 126.7 101.4 152.0
129 95.1 76.1 114.1
131 92.7 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

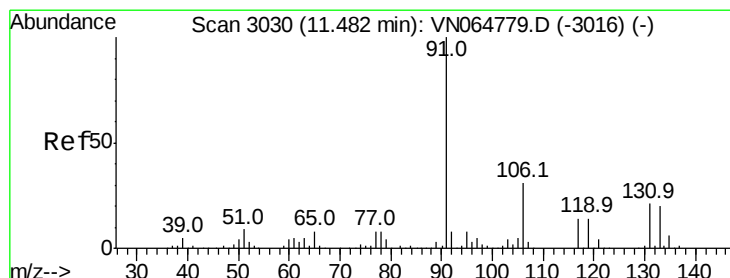
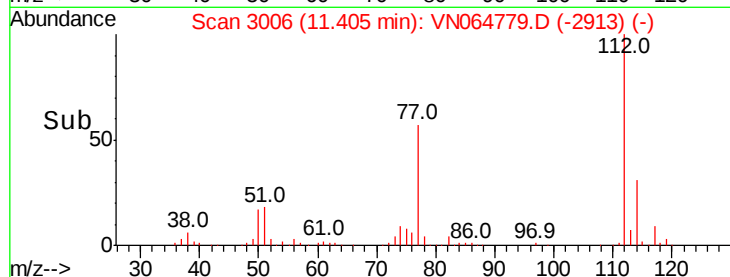
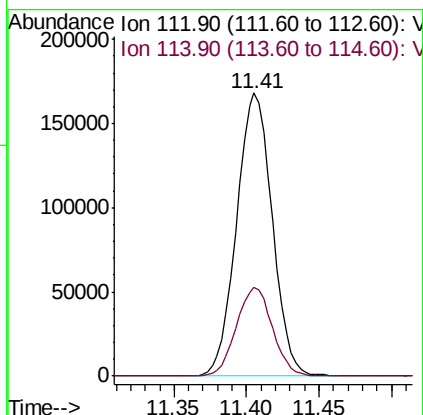
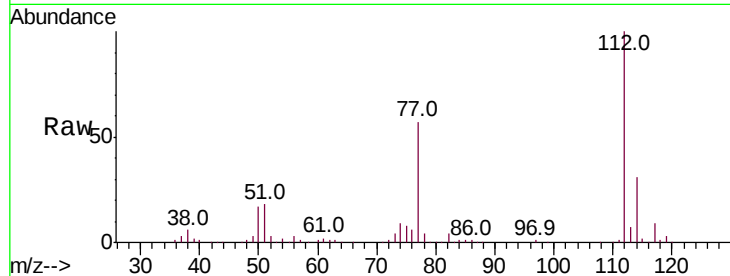




#65
Chlorobenzene
Concen: 48.100 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

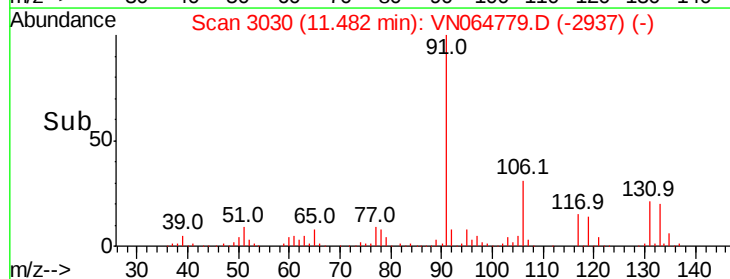
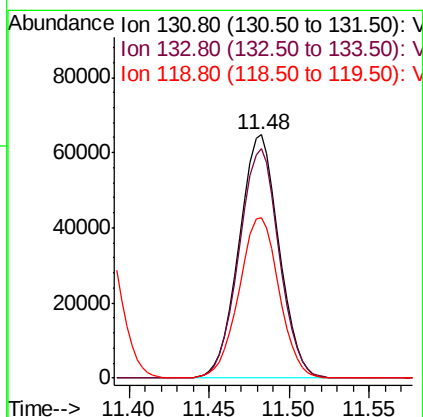
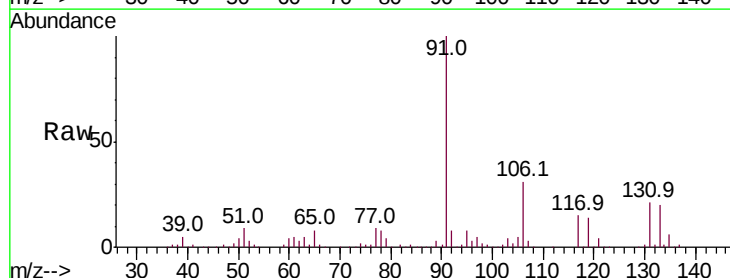
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

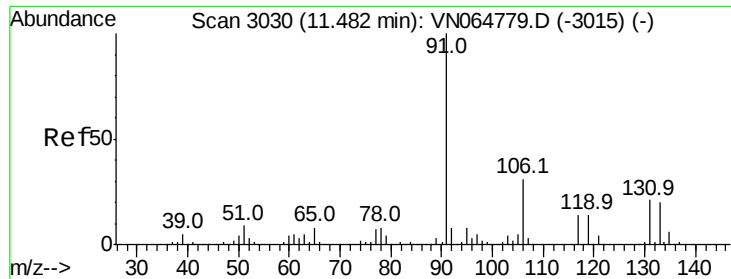
Tot Ion:112 Resp: 287582
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.115 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion:131 Resp: 110113
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 66.5 33.3 99.8

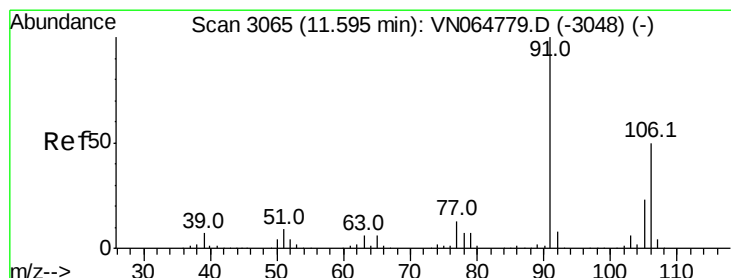
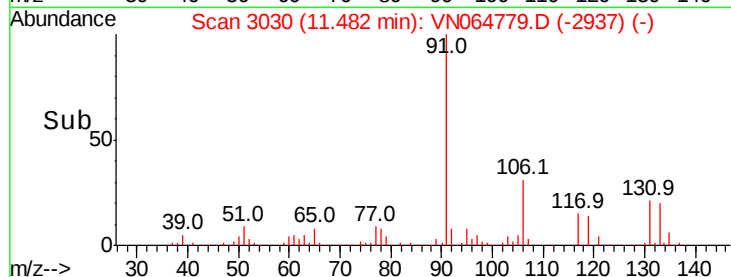
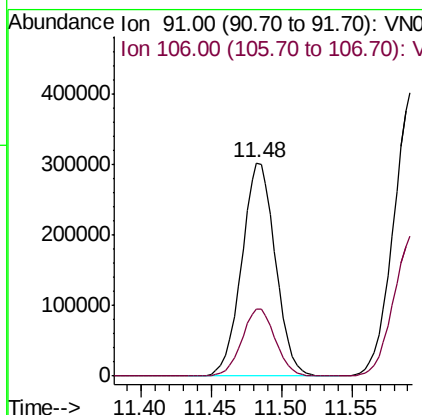
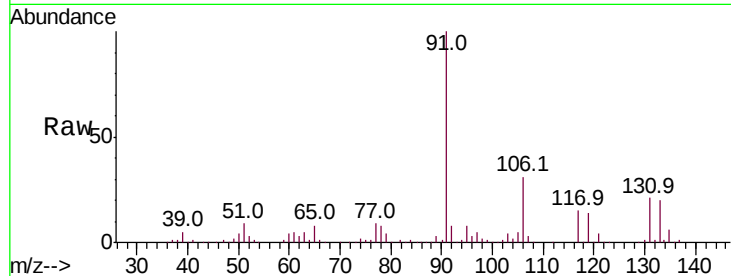




#67
Ethyl Benzene
Concen: 50.487 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

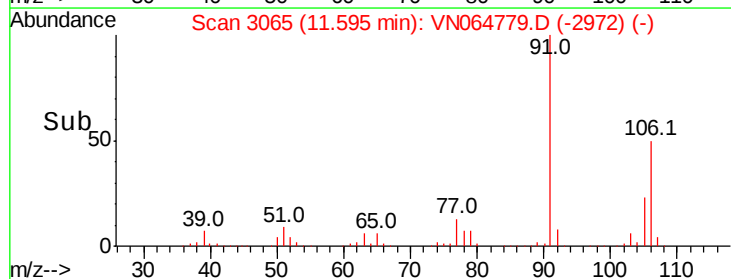
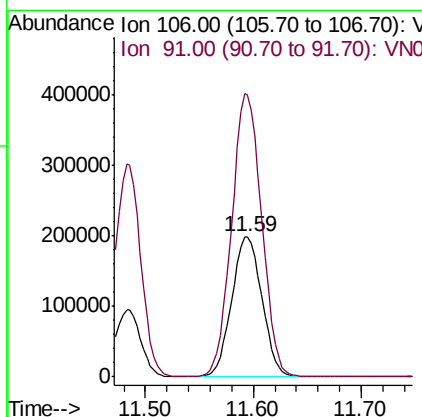
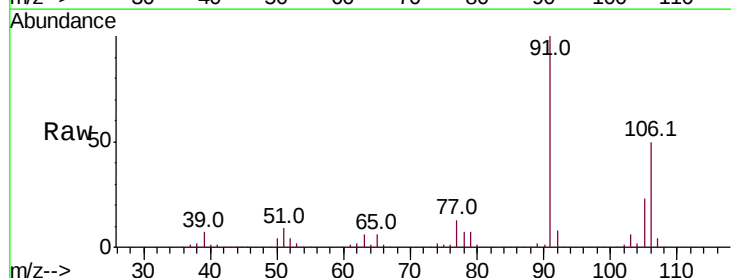
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

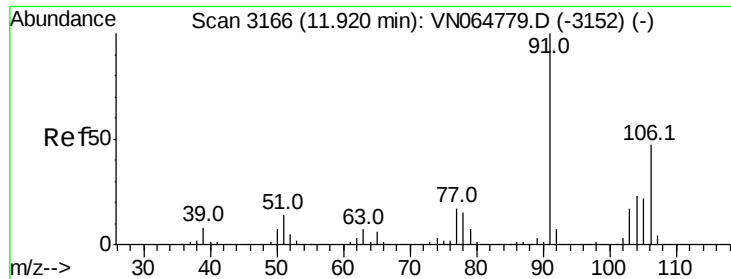
Tot Ion: 91 Resp: 504259
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8



#68
m/p-Xylenes
Concen: 102.325 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion: 106 Resp: 386945
Ion Ratio Lower Upper
106 100
91 201.2 161.0 241.4

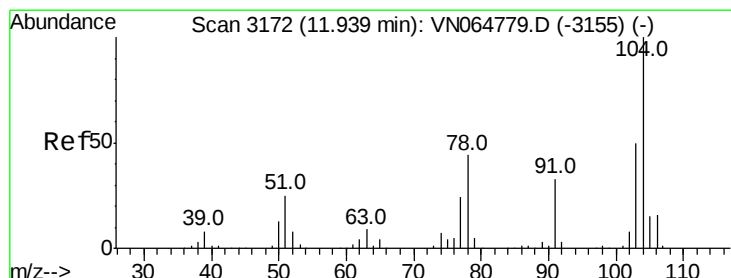
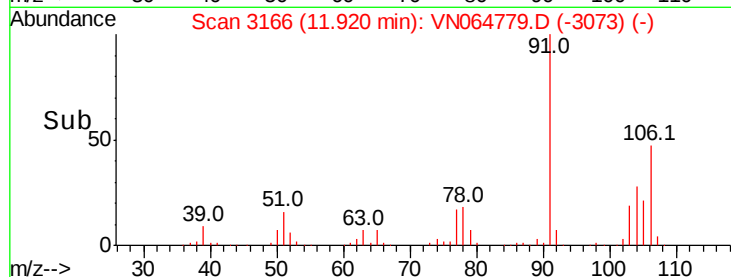
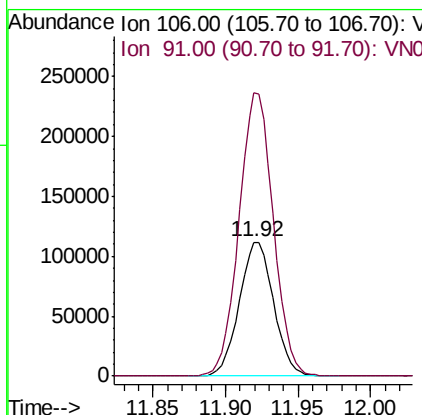
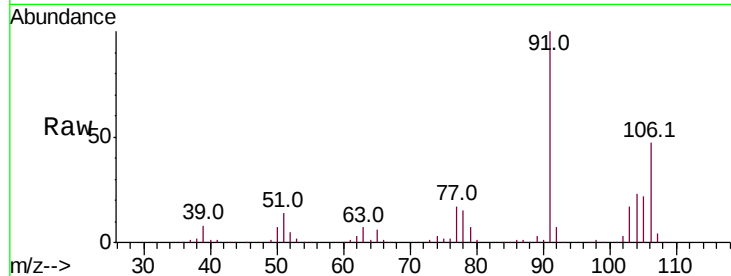




#69
o-Xylene
Concen: 51.411 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

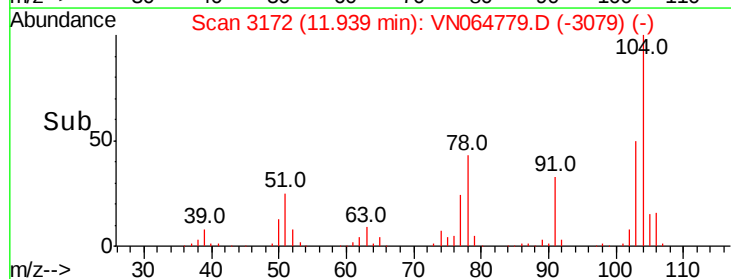
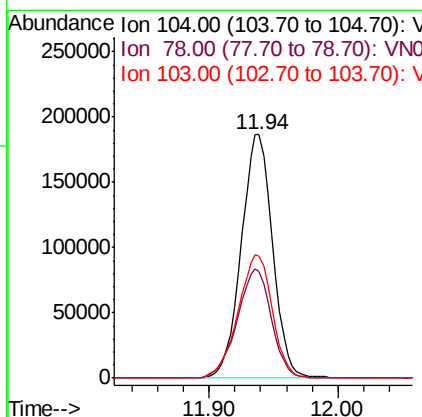
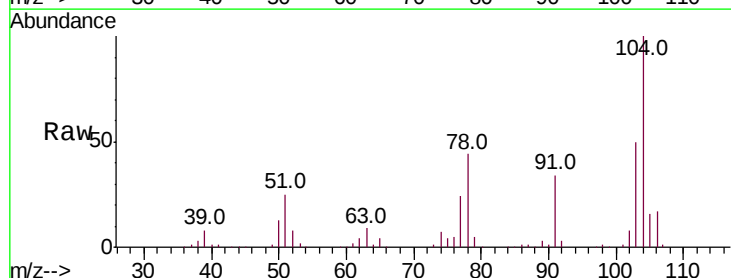
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

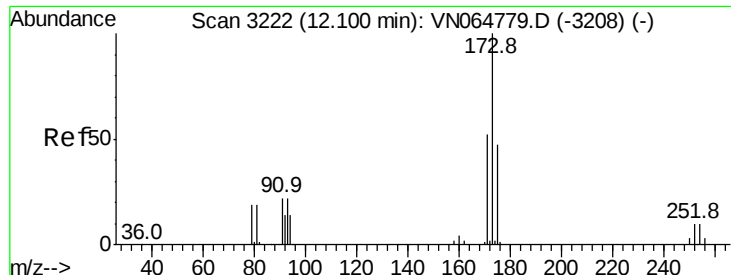
Tot Ion:106 Resp: 184487
Ion Ratio Lower Upper
106 100
91 211.0 105.5 316.5



#70
Styrene
Concen: 52.111 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion:104 Resp: 315686
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 55.4 44.3 66.5

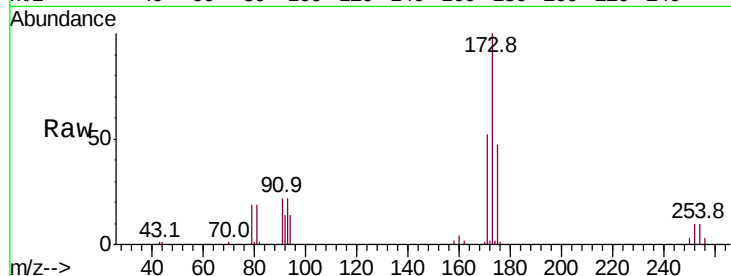




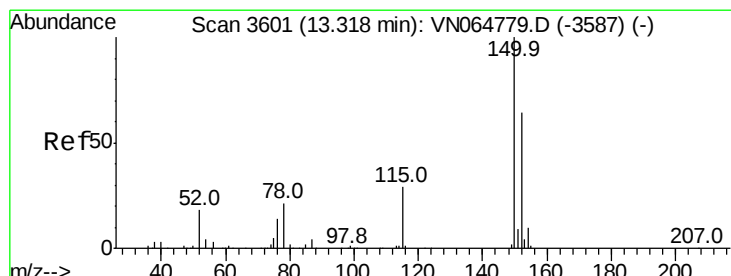
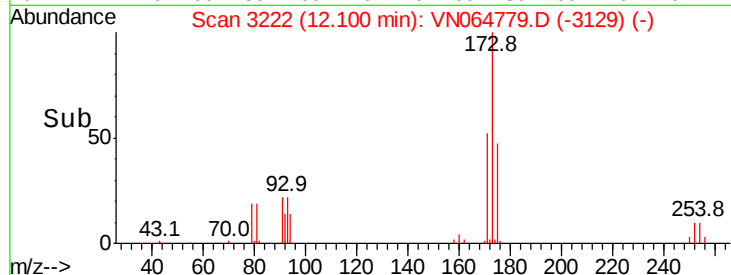
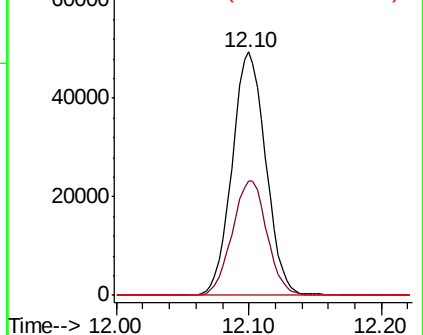
#71
Bromoform
Concen: 49.510 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:173 Resp: 86886
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.0 0.0 0.0

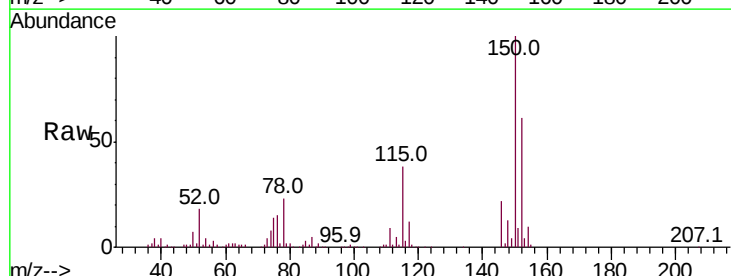


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

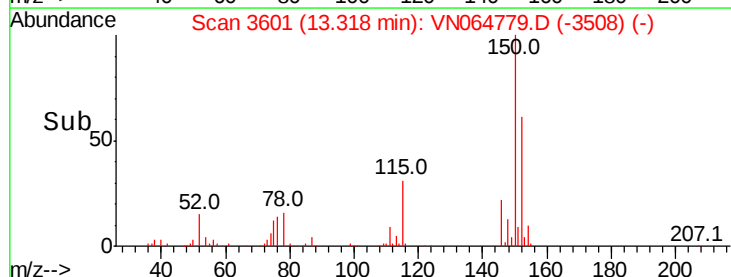
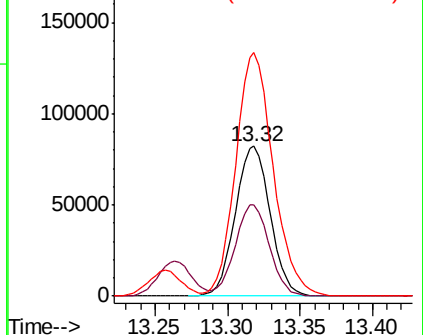


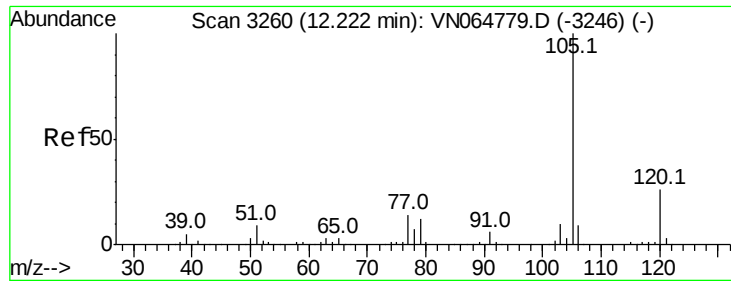
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion:152 Resp: 136955
Ion Ratio Lower Upper
152 100
115 59.4 29.7 89.1
150 175.3 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: 51.270 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

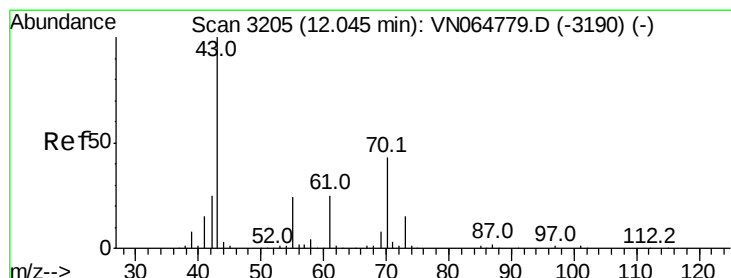
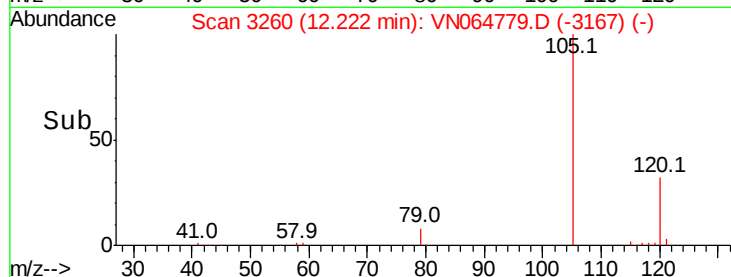
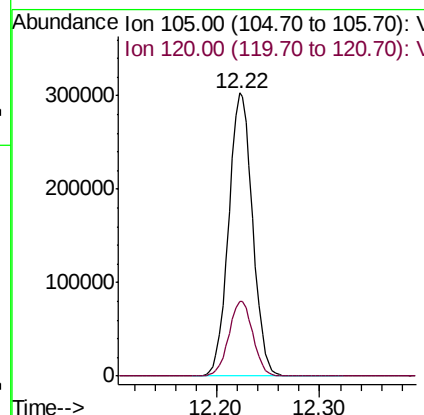
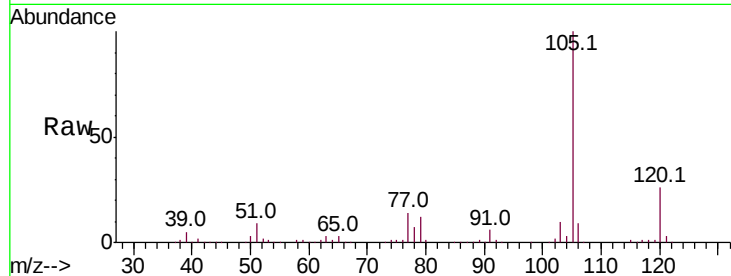
Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:105 Resp: 488408

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.3	39.9



#74

N-ethyl acetate

Concen: 52.142 ug/l

RT: 12.04 min Scan# 3205

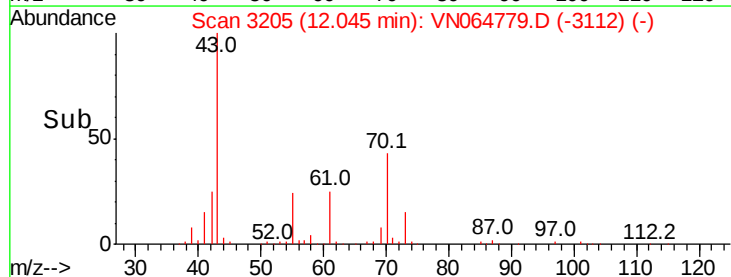
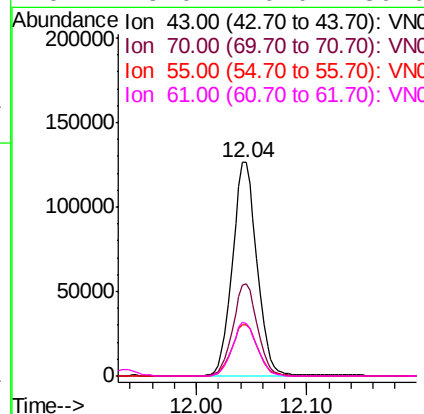
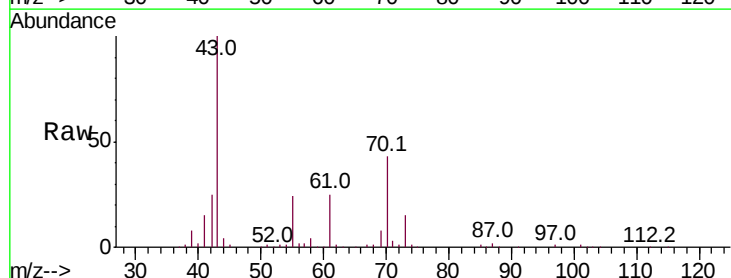
Delta R.T. 0.00 min

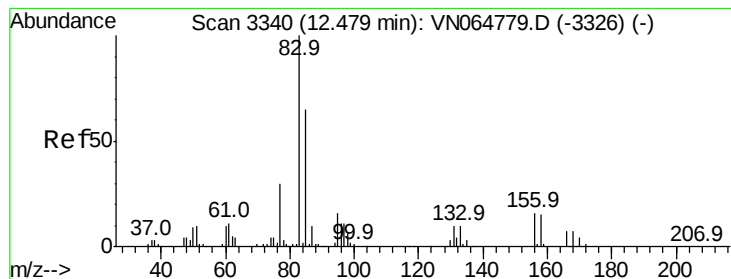
Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Tgt Ion: 43 Resp: 195474

Ion	Ratio	Lower	Upper
43	100		
70	43.1	34.5	51.7
55	25.5	20.4	30.6
61	25.0	20.0	30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.926 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

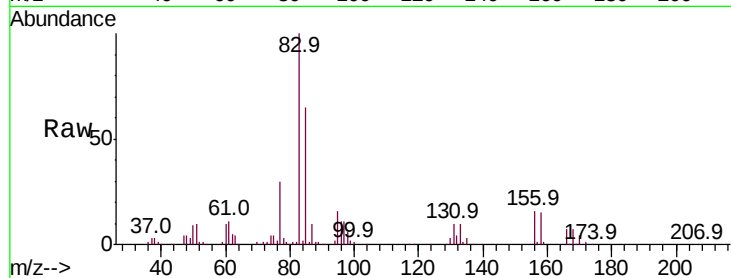
Tot Ion: 83 Resp: 136610

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

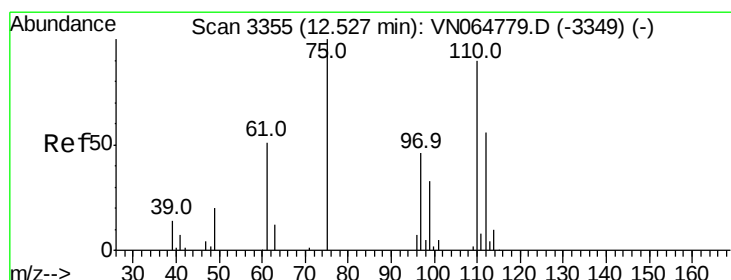
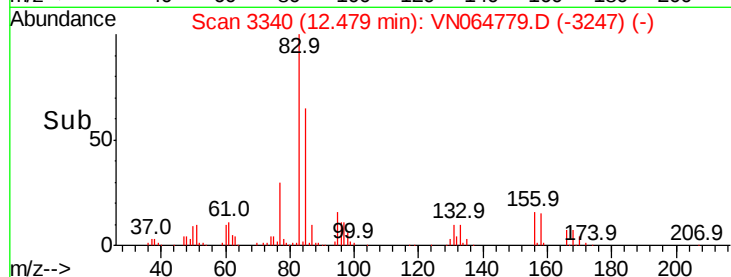
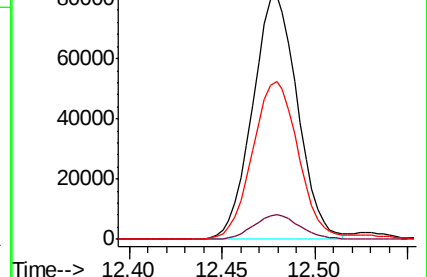
85 66.0 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-3326) (-)

Ion 130.80 (130.50 to 131.50): VN064779.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-3326) (-)



#76

1,2,3-Trichloropropane

Concen: 69.159 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064779.D

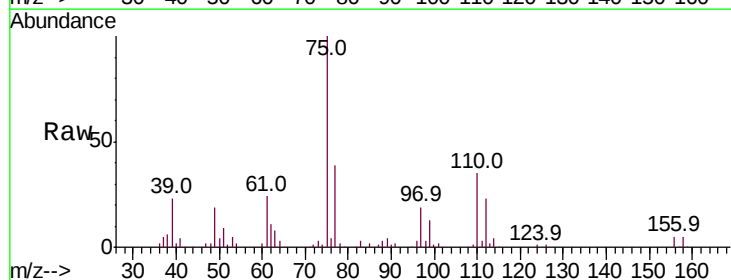
Acq: 23 Nov 2020 12:42

Tgt Ion: 75 Resp: 203981

Ion Ratio Lower Upper

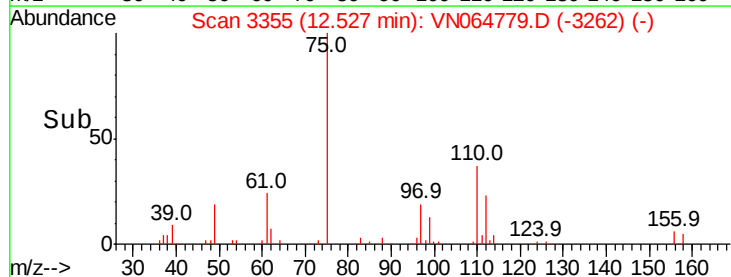
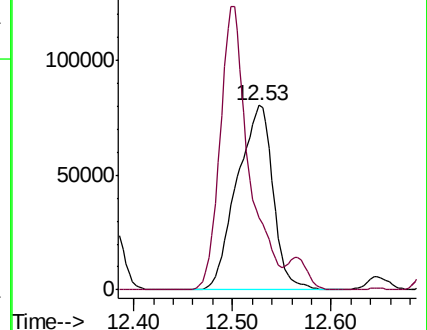
75 100

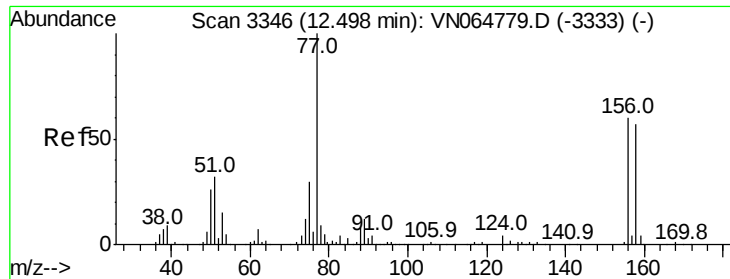
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064779.D (-3349) (-)





#77

Bromobenzene

Concen: 48.500 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

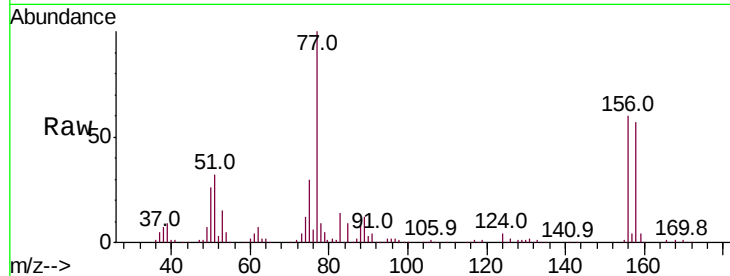
Tot Ion:156 Resp: 124559

Ion Ratio Lower Upper

156 100

77 202.5 101.3 303.7

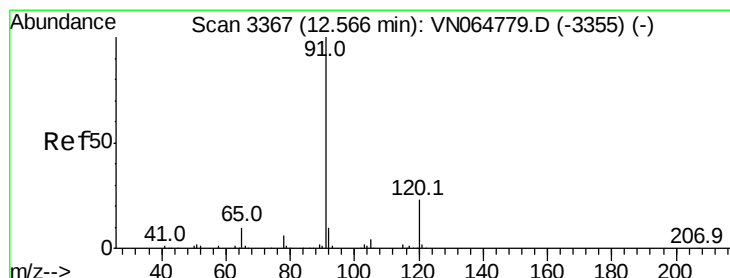
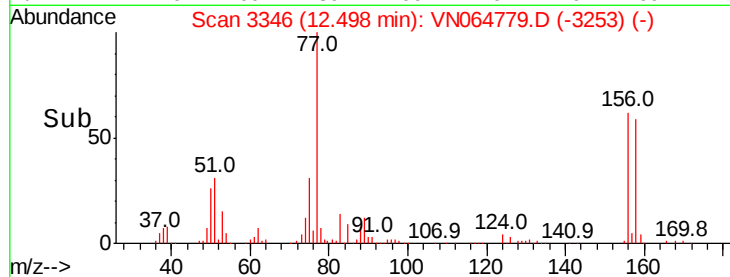
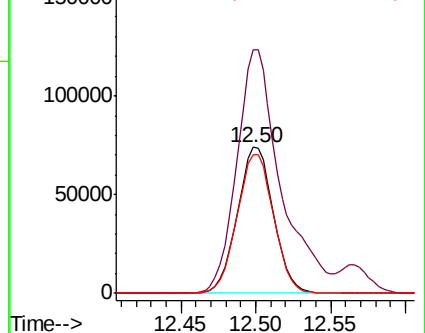
158 96.4 48.2 144.6



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: 51.728 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064779.D

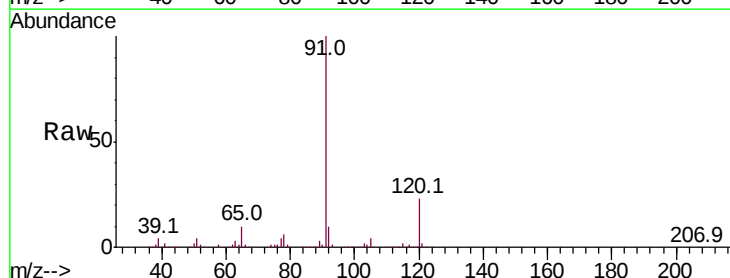
Acq: 23 Nov 2020 12:42

Tgt Ion: 91 Resp: 561363

Ion Ratio Lower Upper

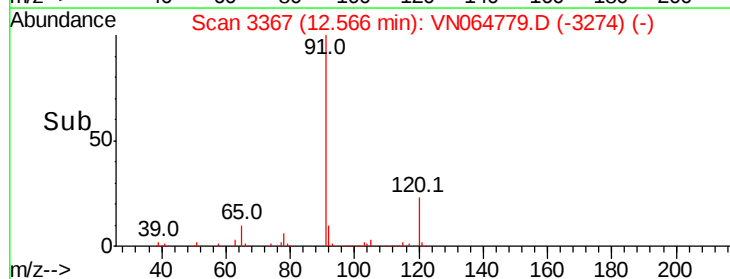
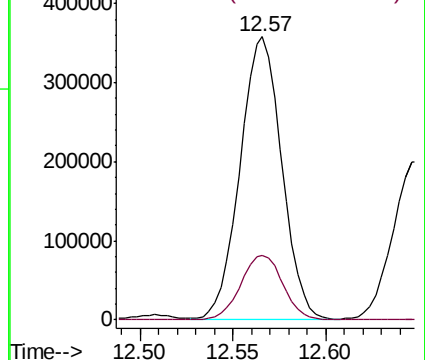
91 100

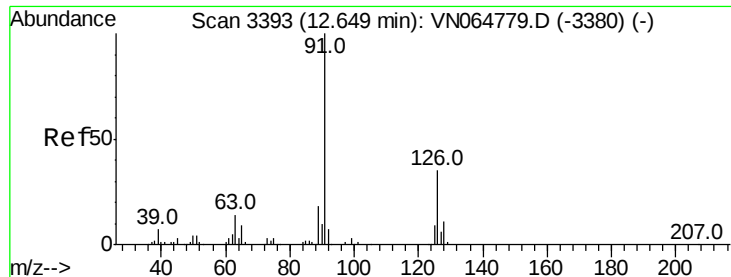
120 23.1 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.697 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

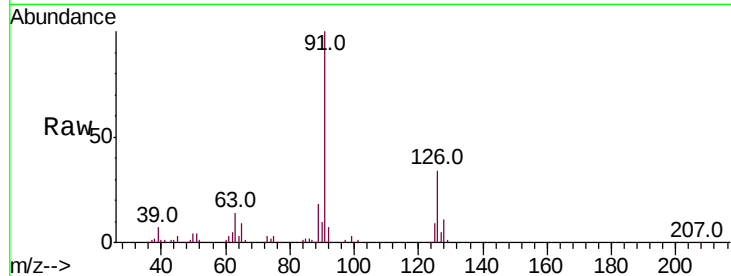
VSTDICCC050

Tot Ion: 91 Resp: 333377

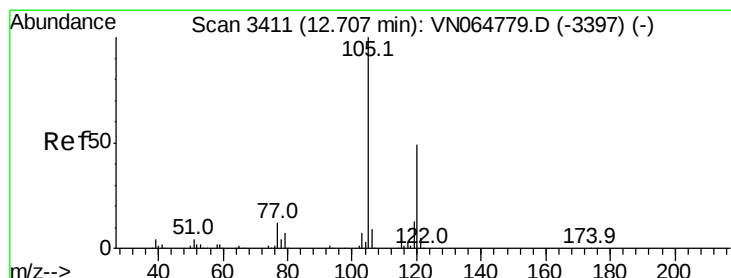
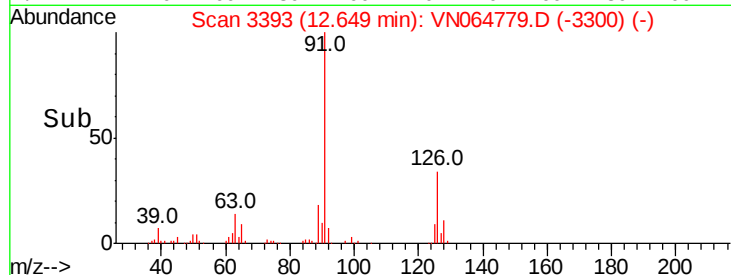
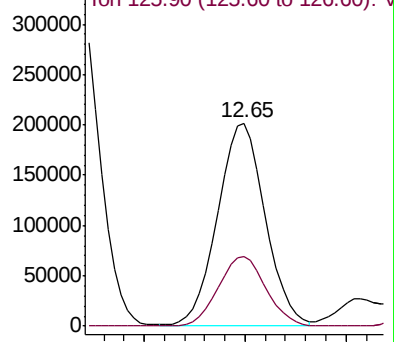
Ion Ratio Lower Upper

91 100

126 34.4 17.2 51.6



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



#80

1,3,5-Trimethylbenzene

Concen: 52.631 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064779.D

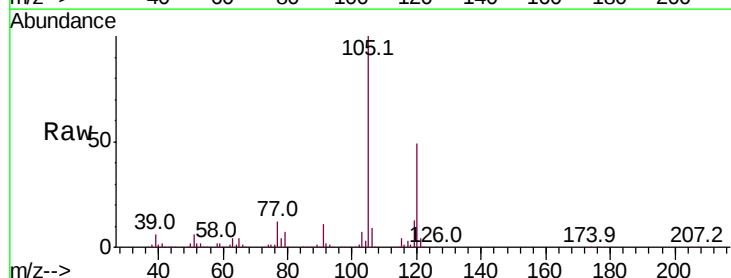
Acq: 23 Nov 2020 12:42

Tgt Ion: 105 Resp: 416738

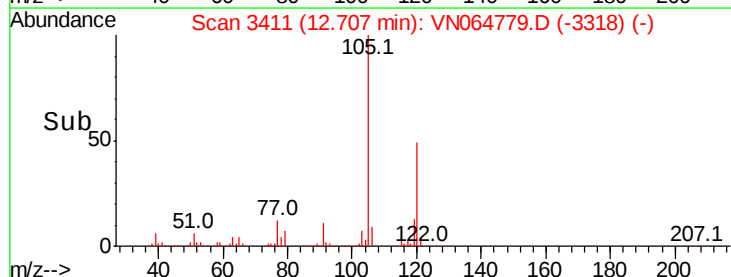
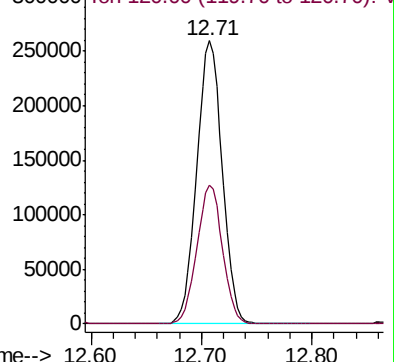
Ion Ratio Lower Upper

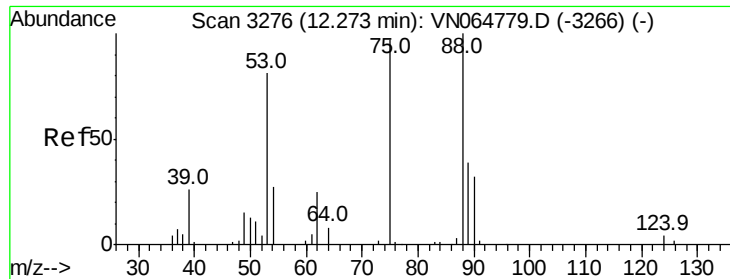
105 100

120 49.1 24.6 73.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 52.162 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

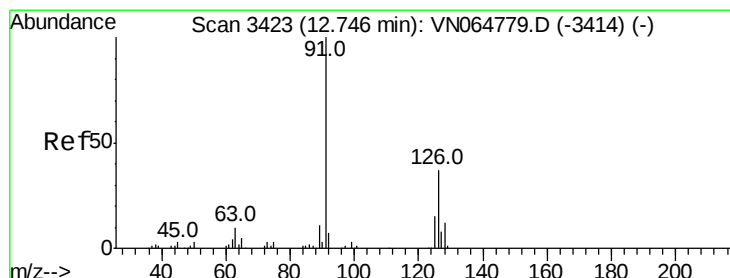
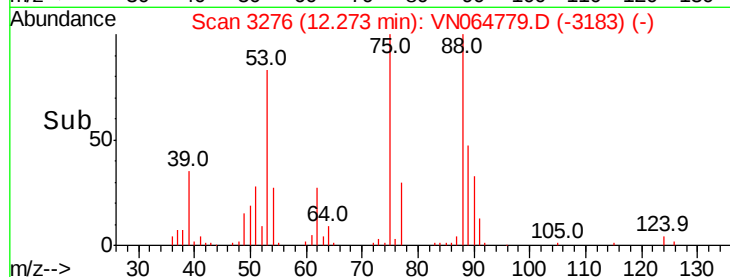
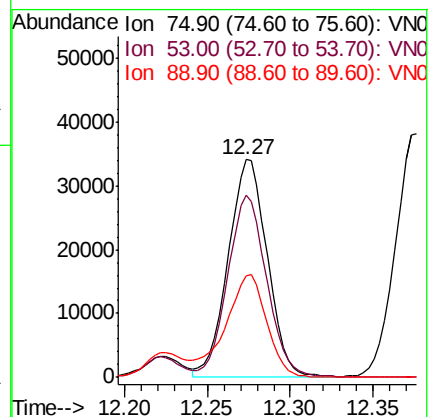
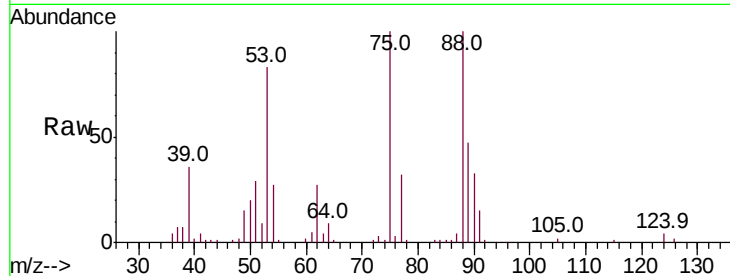
Tot Ion: 75 Resp: 56134

Ion Ratio Lower Upper

75 100

53 83.7 67.0 100.4

89 49.5 39.6 59.4



#82

4-Chlorotoluene

Concen: 49.620 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064779.D

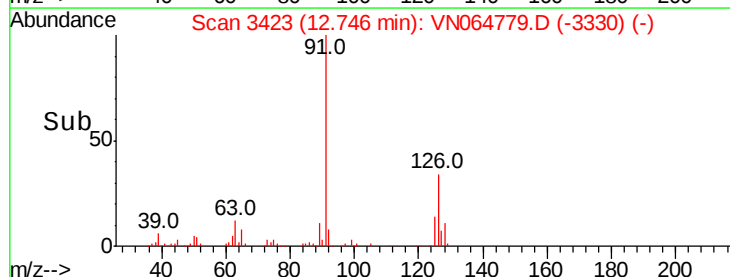
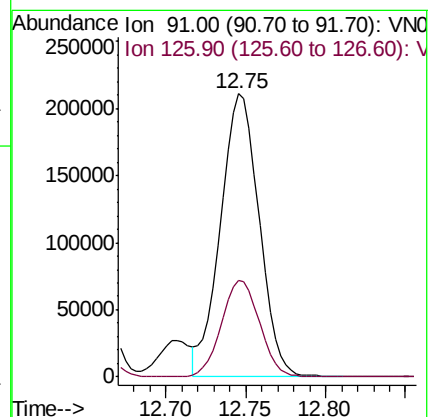
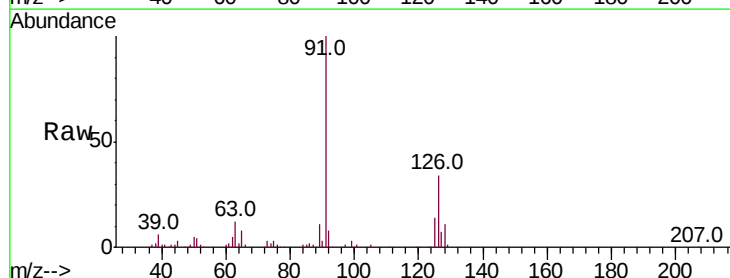
Acq: 23 Nov 2020 12:42

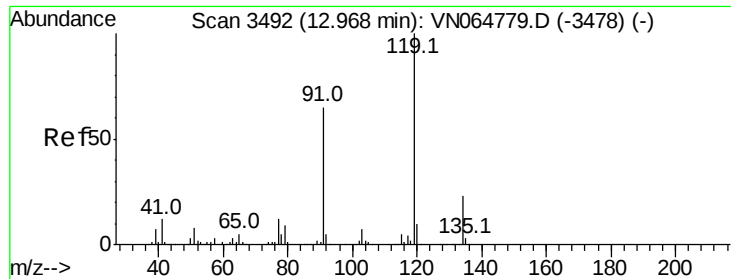
Tgt Ion: 91 Resp: 348902

Ion Ratio Lower Upper

91 100

126 33.8 16.9 50.7

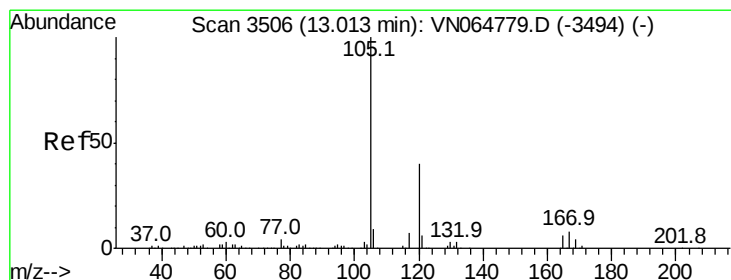
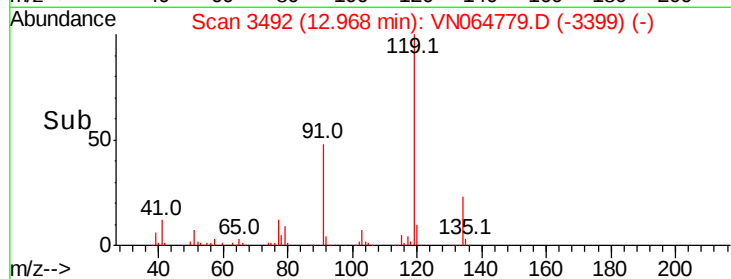
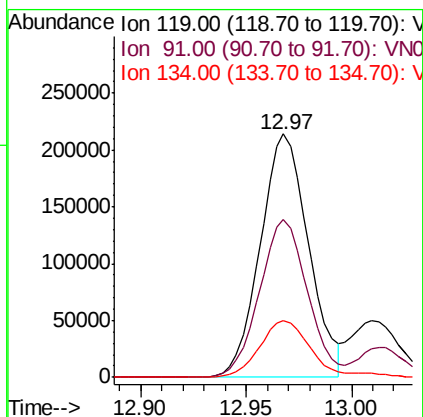
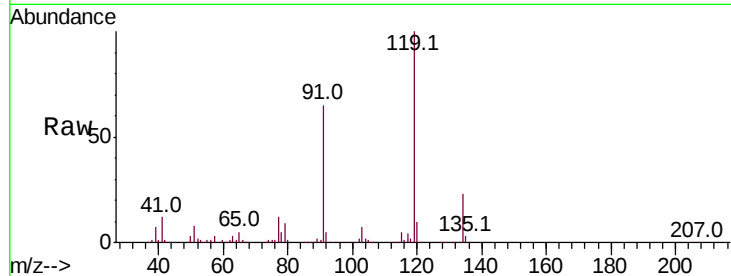




#83
 tert-Butylbenzene
 Concen: 51.411 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

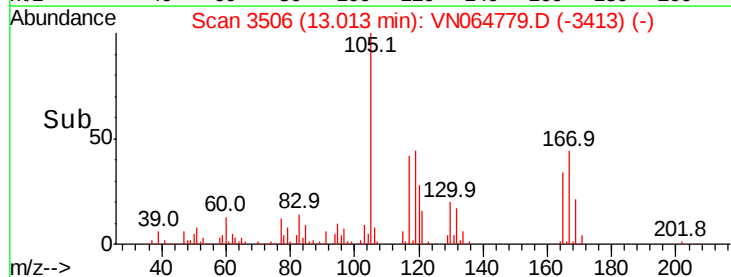
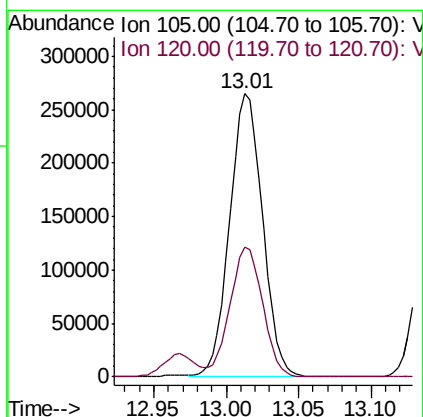
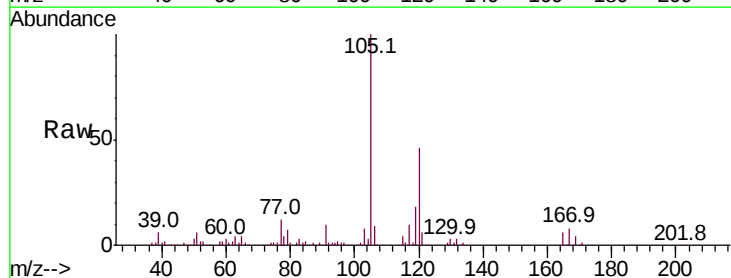
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

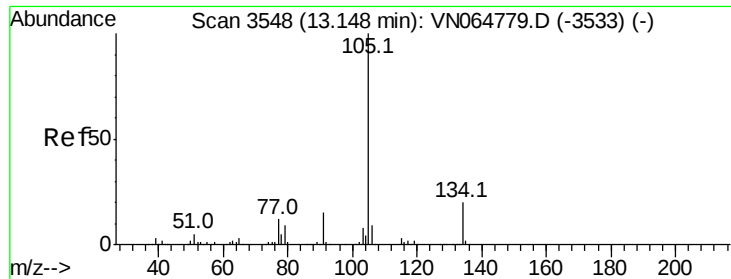
Tot Ion:119 Resp: 341212
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.3 96.8
 134 25.1 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 52.004 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Tgt Ion:105 Resp: 416335
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 51.729 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

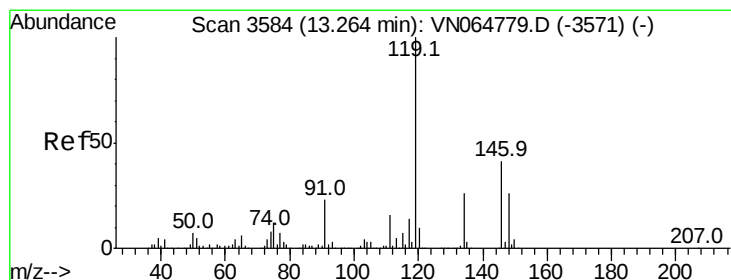
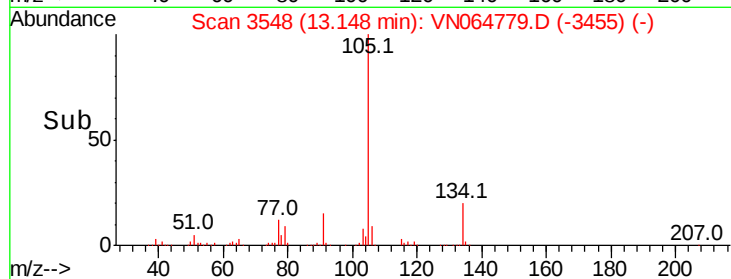
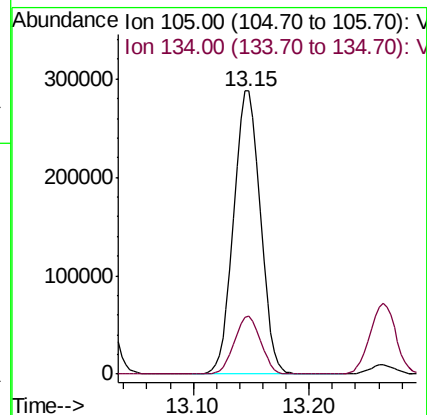
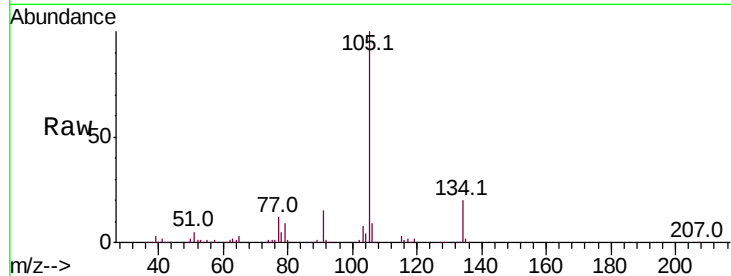
VSTDICCC050

Tot Ion:105 Resp: 455837

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 53.065 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

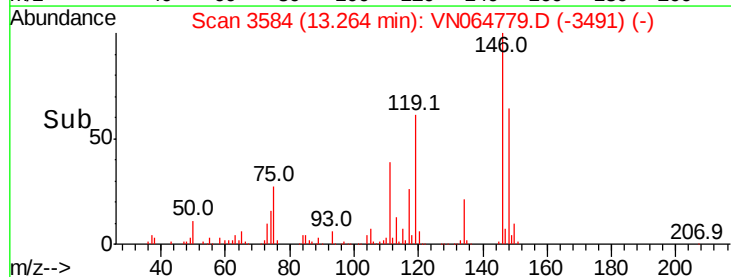
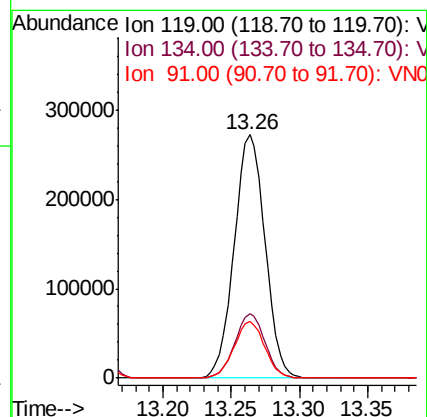
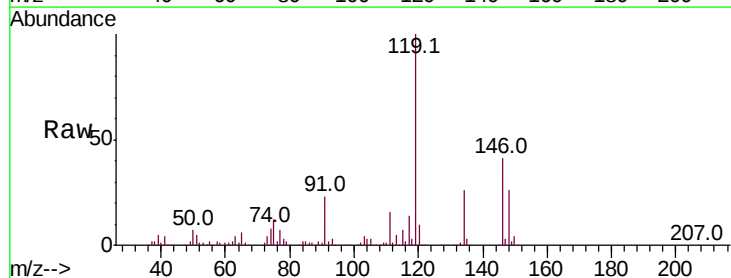
Tgt Ion:119 Resp: 425728

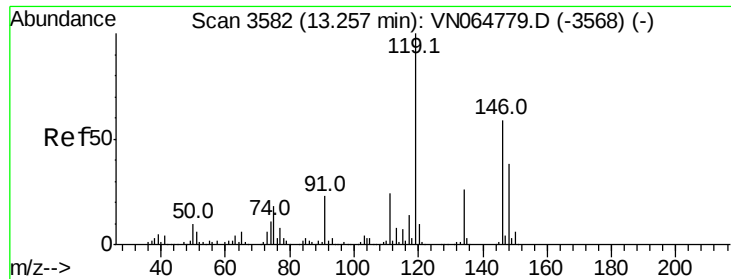
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 23.0 11.5 34.5

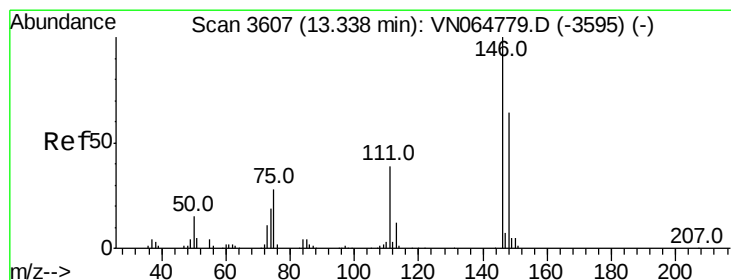
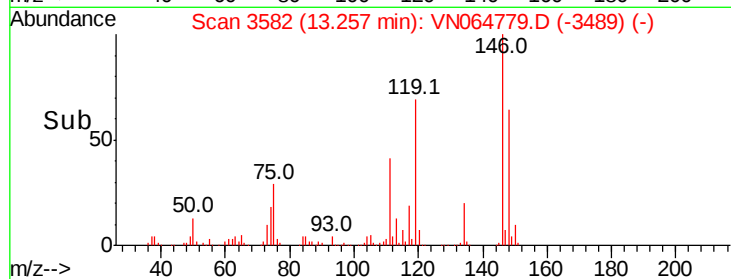
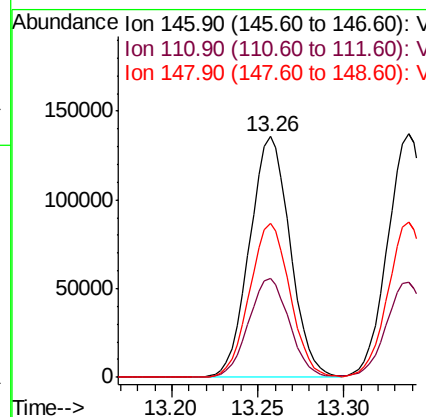
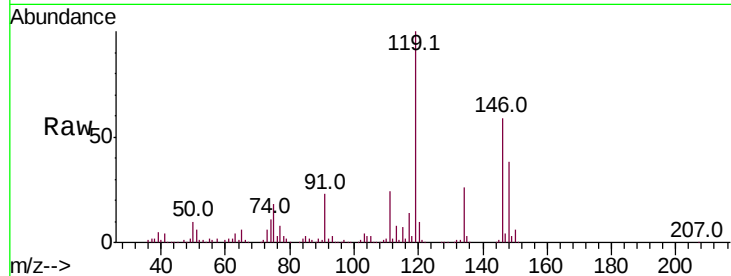




#87
 1,3-Dichlorobenzene
 Concen: 48.700 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

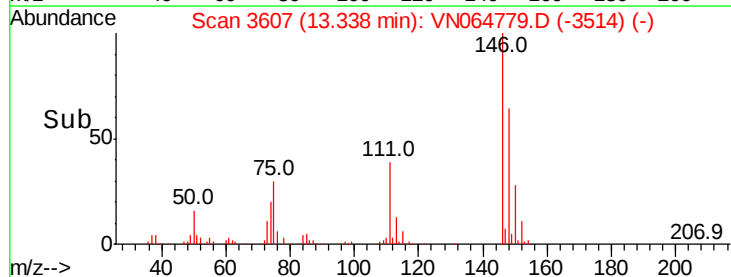
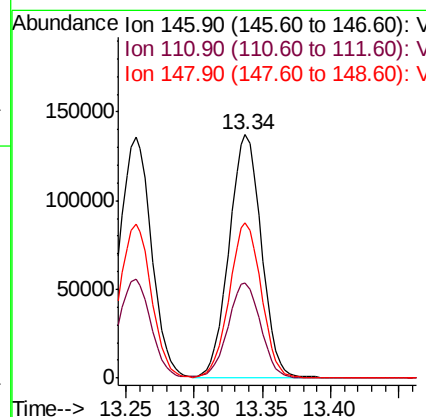
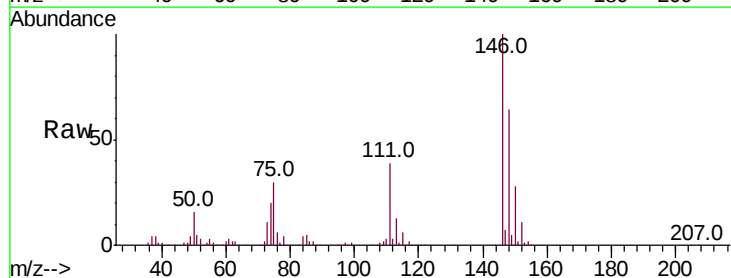
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

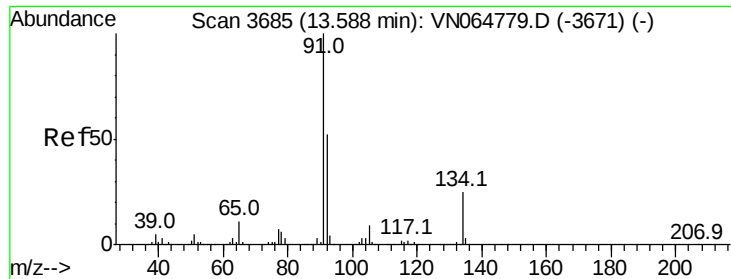
Tot Ion:146 Resp: 222212
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.6 61.9
 148 63.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 46.610 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Tgt Ion:146 Resp: 224917
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.8 59.3
 148 63.7 31.9 95.5

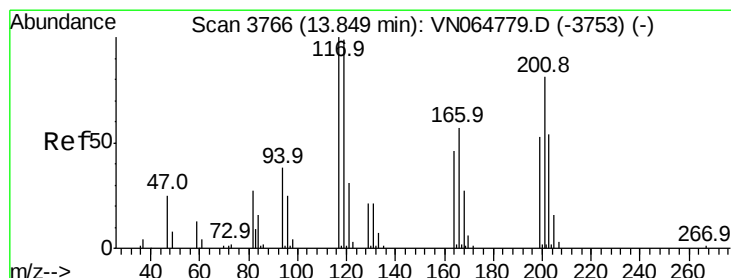
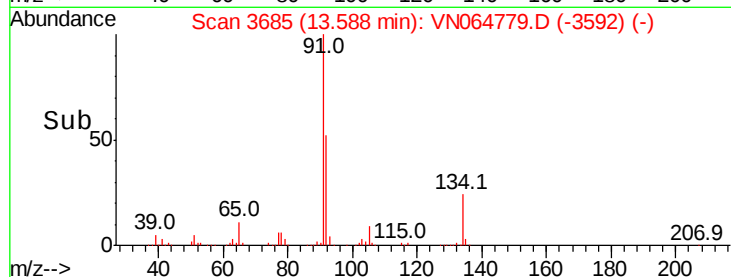
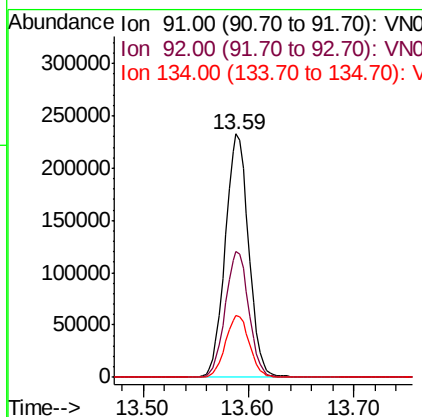
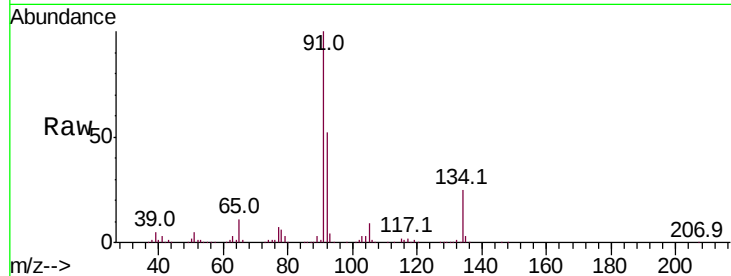




#89
n-Butylbenzene
Concen: 50.836 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

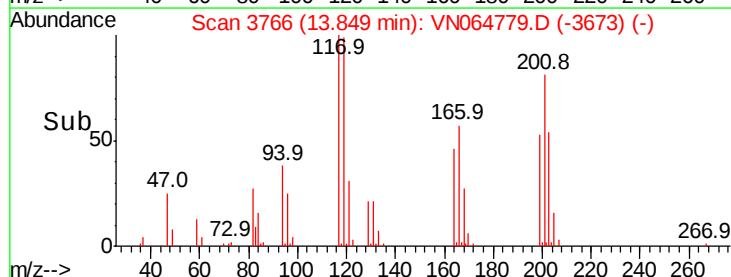
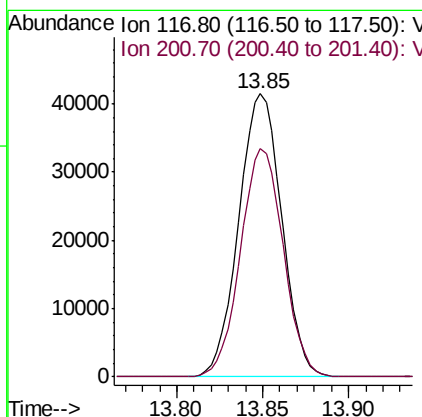
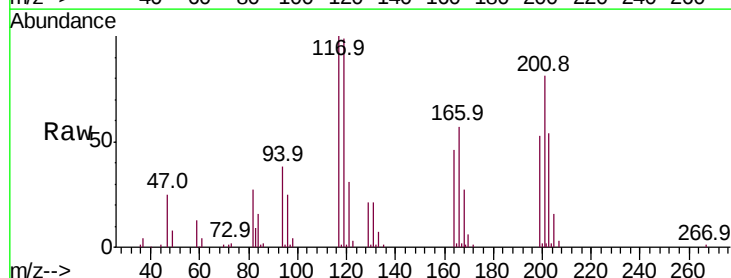
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

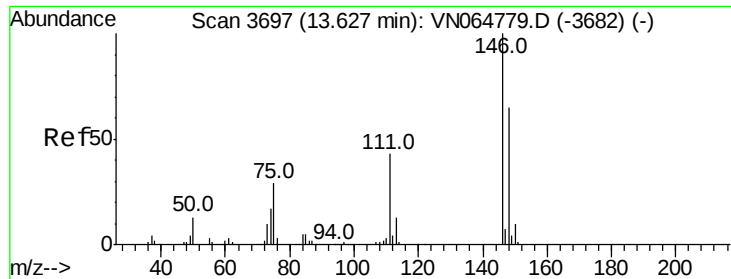
Tot Ion: 91 Resp: 358163
Ion Ratio Lower Upper
91 100
92 52.0 26.0 78.0
134 25.7 12.9 38.6



#90
Hexachloroethane
Concen: 51.747 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064779.D
Acq: 23 Nov 2020 12:42

Tgt Ion: 117 Resp: 72121
Ion Ratio Lower Upper
117 100
201 80.2 40.1 120.3

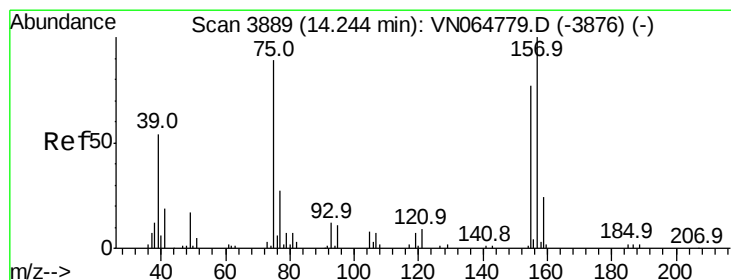
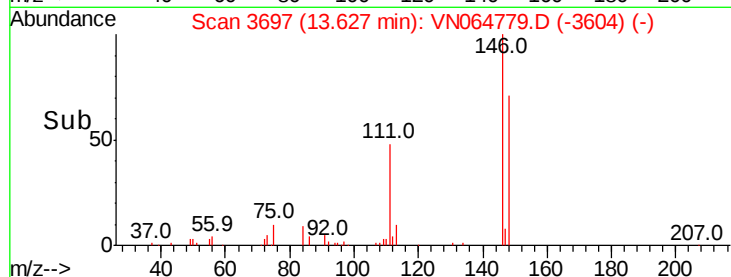
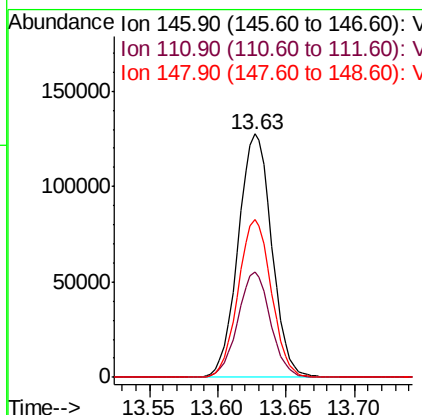
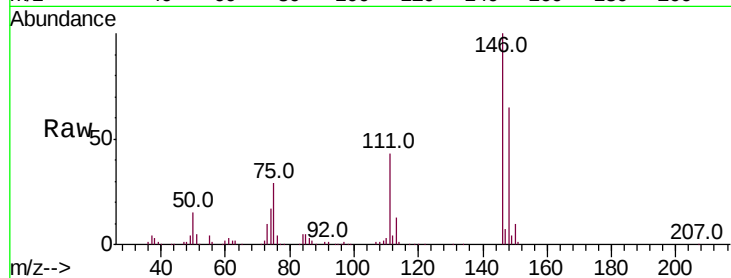




#91
 1,2-Dichlorobenzene
 Concen: 48.599 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

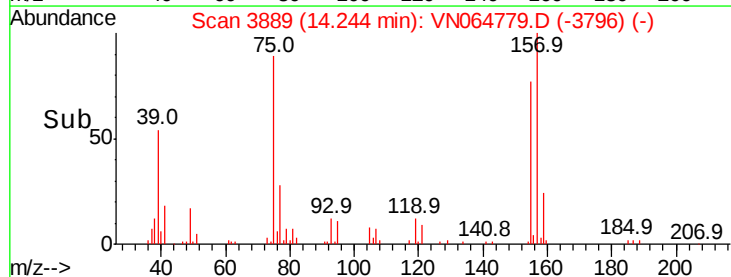
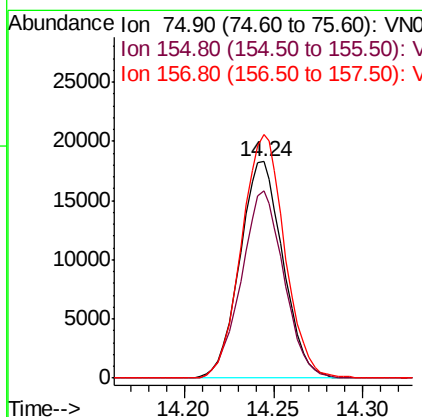
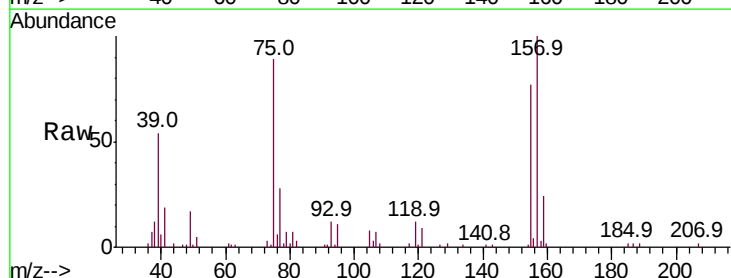
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

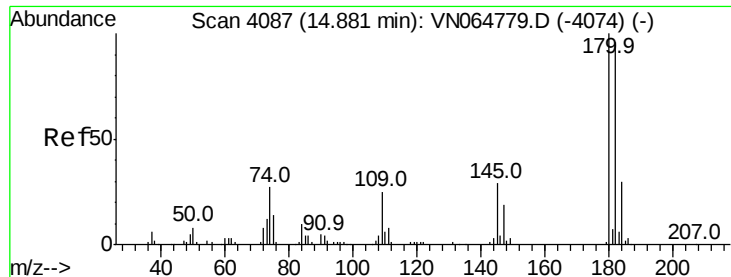
Tot Ion:146 Resp: 217739
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.1
 148 64.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.161 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Tgt Ion: 75 Resp: 30886
 Ion Ratio Lower Upper
 75 100
 155 85.5 42.8 128.3
 157 112.7 56.4 169.1

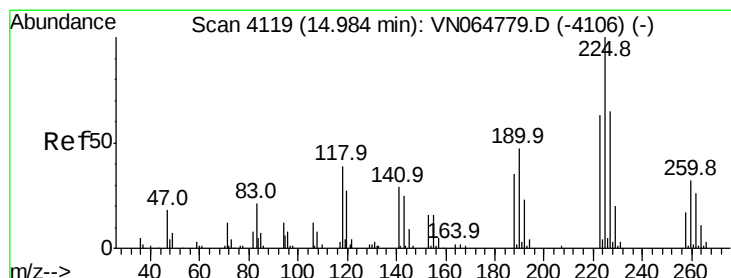
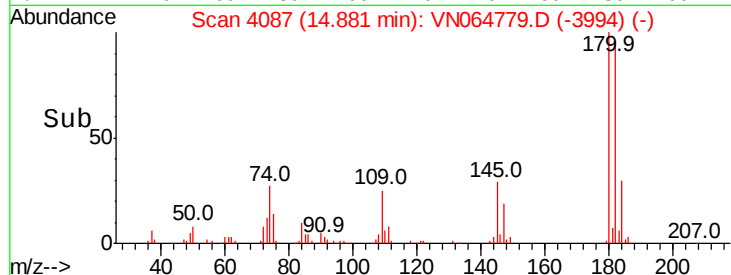
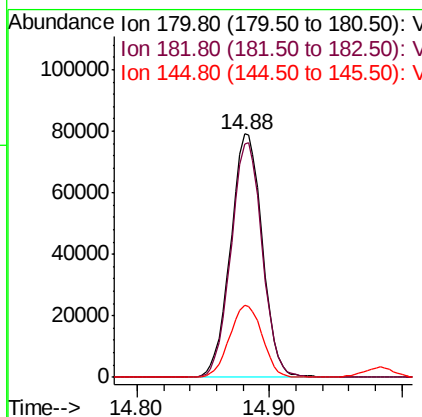
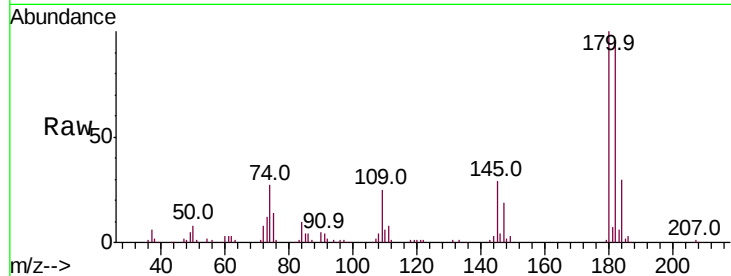




#93
 1,2,4-Trichlorobenzene
 Concen: 47.428 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

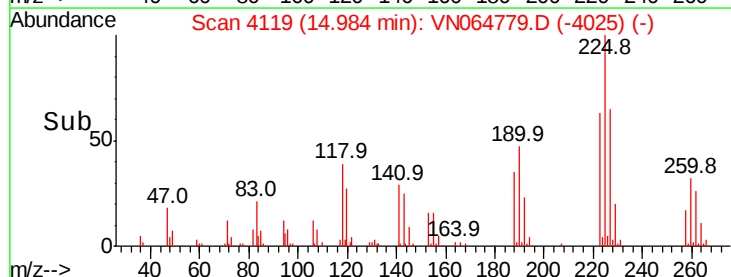
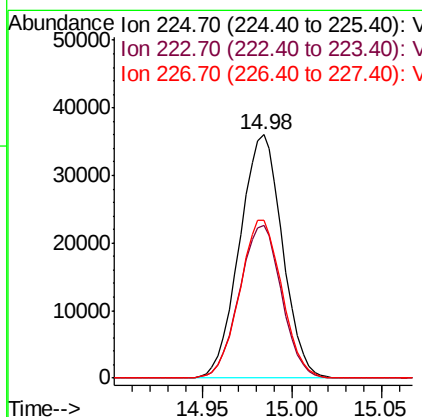
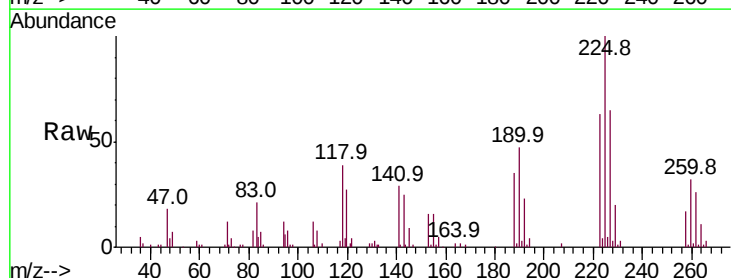
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

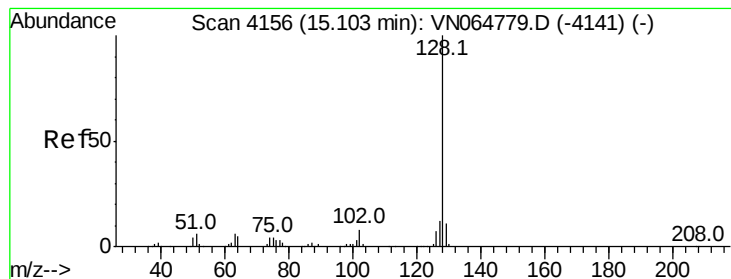
Tot Ion:180 Resp: 131450
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.6 142.9
 145 30.5 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 48.327 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064779.D
 Acq: 23 Nov 2020 12:42

Tgt Ion:225 Resp: 60300
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.0 93.0
 227 64.0 32.0 96.0





#95

Naphthalene

Concen: 48.753 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

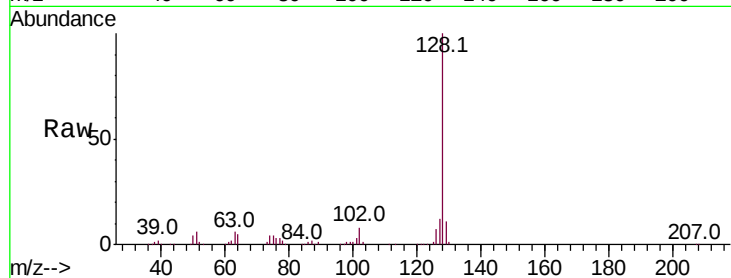
Tot Ion:128 Resp: 404804

Ion Ratio Lower Upper

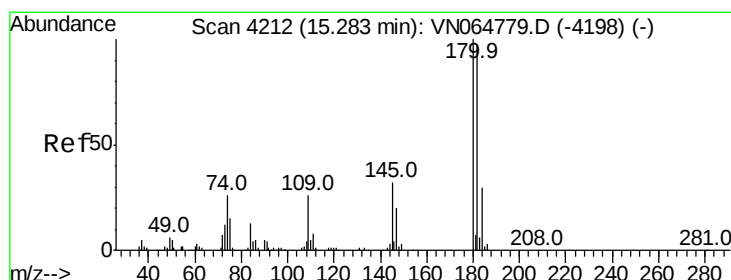
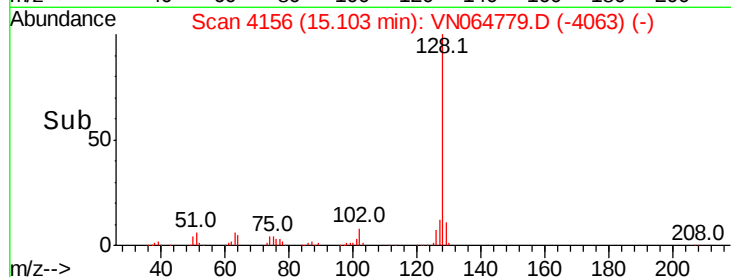
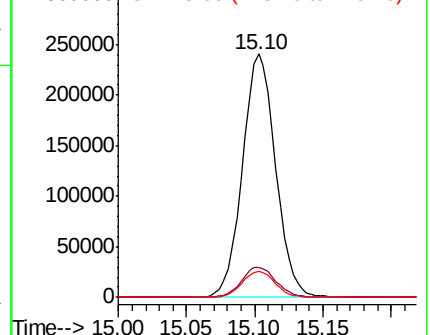
128 100

127 12.9 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: 48.106 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064779.D

Acq: 23 Nov 2020 12:42

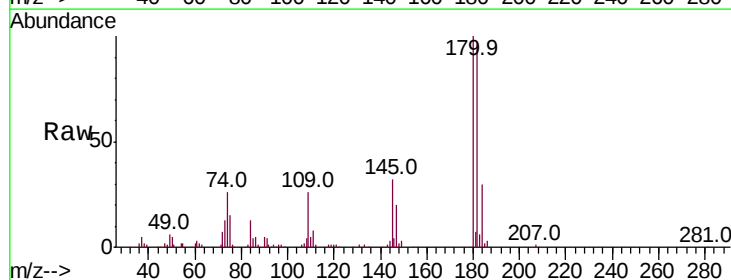
Tgt Ion:180 Resp: 126559

Ion Ratio Lower Upper

180 100

182 96.3 48.1 144.4

145 32.7 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

