

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064816.D
 Acq On : 24 Nov 2020 17:28
 Operator : JC/MD
 Sample : L4829-13MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2MS

Quant Time: Nov 25 04:05:42 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	196224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	318592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	284003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139030	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	107289	47.03	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.06%
35) Dibromofluoromethane	7.55	113	92949	48.76	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.52%
50) Toluene-d8	10.06	98	366775	47.09	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.18%
62) 4-Bromofluorobenzene	12.37	95	132387	47.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.98%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	74140	43.596	ug/l	100
3) Chloromethane	2.04	50	97317	44.036	ug/l	99
4) Vinyl Chloride	2.17	62	109603	47.570	ug/l	97
5) Bromomethane	2.53	94	44591	29.498	ug/l	99
6) Chloroethane	2.68	64	67730	47.528	ug/l	100
7) Trichlorofluoromethane	2.99	101	148470	46.616	ug/l	98
8) Diethyl Ether	3.38	74	59921	47.663	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	87947	46.031	ug/l	99
10) Methyl Iodide	3.91	142	80136	32.336	ug/l	98
11) Tert butyl alcohol	4.75	59	72761	204.520	ug/l #	73
12) 1,1-Dichloroethene	3.69	96	90889	47.766	ug/l	98
13) Acrolein	3.57	56	44757	205.962	ug/l	99
14) Allyl chloride	4.28	41	149194	47.539	ug/l	98
15) Acrylonitrile	4.93	53	244459	248.736	ug/l	97
16) Acetone	3.78	43	211920	282.596	ug/l	96
17) Carbon Disulfide	4.01	76	234382	47.707	ug/l	99
18) Methyl Acetate	4.28	43	98696	43.775	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	324561	53.184	ug/l #	1
20) Methylene Chloride	4.50	84	107690	45.828	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	97647	46.212	ug/l	96
22) Diisopropyl ether	5.91	45	317733	50.581	ug/l	97
23) Vinyl Acetate	5.85	43	1223154	243.497	ug/l	98
24) 1,1-Dichloroethane	5.80	63	182491	48.611	ug/l	100
25) 2-Butanone	6.79	43	297523	244.747	ug/l	99
26) 2,2-Dichloropropane	6.78	77	142394	43.733	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	119812	50.390	ug/l	98
28) Bromochloromethane	7.15	49	82396	47.977	ug/l	98
29) Tetrahydrofuran	7.17	42	195352	232.799	ug/l	99
30) Chloroform	7.33	83	201344	52.008	ug/l	99
31) Cyclohexane	7.61	56	234459	73.741	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	158804	47.760	ug/l	99
36) 1,1-Dichloropropene	7.75	75	136729	46.301	ug/l	98
37) Ethyl Acetate	6.88	43	119239	41.918	ug/l	99
38) Carbon Tetrachloride	7.73	117	141670	46.107	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	270905	85.218	ug/l	98
40) Benzene	8.00	78	1095113	121.019	ug/l	99
41) Methacrylonitrile	7.12	41	61810	47.092	ug/l	90
42) 1,2-Dichloroethane	8.09	62	139767	45.785	ug/l	92
43) Isopropyl Acetate	8.13	43	234937	51.327	ug/l	95
44) Trichloroethene	8.80	130	119886	44.902	ug/l	100
45) 1,2-Dichloropropane	9.08	63	110540	47.170	ug/l	98
46) Dibromomethane	9.17	93	72996	46.626	ug/l	99
47) Bromodichloromethane	9.37	83	157897	50.124	ug/l	97
48) Methyl methacrylate	9.17	41	96726	44.224	ug/l	96
49) 1,4-Dioxane	9.17	88	32877	795.321	ug/l #	95
51) 4-Methyl-2-Pentanone	9.95	43	628269	228.633	ug/l	100
52) Toluene	10.12	92	289598	51.966	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	161411	46.005	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	176928	47.046	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	140745	61.418	ug/l	96
56) Ethyl methacrylate	10.40	69	157120	49.685	ug/l	100
57) 1,3-Dichloropropane	10.68	76	179728	47.545	ug/l	99
59) 2-Hexanone	10.72	43	459676	232.436	ug/l	98
60) Dibromochloromethane	10.87	129	118957	46.699	ug/l	98
61) 1,2-Dibromoethane	10.98	107	108331	46.530	ug/l	96
64) Tetrachloroethene	10.60	164	118051	42.725	ug/l	99
65) Chlorobenzene	11.40	112	292339	47.933	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	106932	47.709	ug/l	100
67) Ethyl Benzene	11.48	91	1010811	99.210	ug/l	99
68) m/p-Xylenes	11.59	106	635171	164.659	ug/l	99
69) o-Xylene	11.92	106	198421	54.205	ug/l	100
70) Styrene	11.94	104	320922	51.932	ug/l	99
71) Bromoform	12.10	173	82355	46.004	ug/l #	99
73) Isopropylbenzene	12.22	105	747827	77.331	ug/l	100
74) N-amyl acetate	12.04	43	181972	47.816	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	140808	49.677	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	190849	63.741	ug/l #	100
77) Bromobenzene	12.50	156	123907	47.526	ug/l	99
78) n-propylbenzene	12.56	91	1075575	97.632	ug/l	99
79) 2-Chlorotoluene	12.65	91	349022	51.253	ug/l	97
80) 1,3,5-Trimethylbenzene	12.70	105	480550	59.784	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	46712	42.759	ug/l	95
82) 4-Chlorotoluene	12.75	91	345077	48.344	ug/l	98
83) tert-Butylbenzene	12.97	119	361930	53.719	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	1124151	138.322	ug/l	99
85) sec-Butylbenzene	13.14	105	513996	57.458	ug/l	97
86) p-Isopropyltoluene	13.26	119	440631	54.103	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	222858	48.112	ug/l	100
88) 1,4-Dichlorobenzene	13.33	146	224707	45.872	ug/l	99
89) n-Butylbenzene	13.59	91	430648	60.212	ug/l	95
90) Hexachloroethane	13.85	117	98591	69.684	ug/l	71
91) 1,2-Dichlorobenzene	13.63	146	213598	46.964	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30415	47.689	ug/l	98
93) 1,2,4-Trichlorobenzene	14.88	180	134100	47.662	ug/l	97

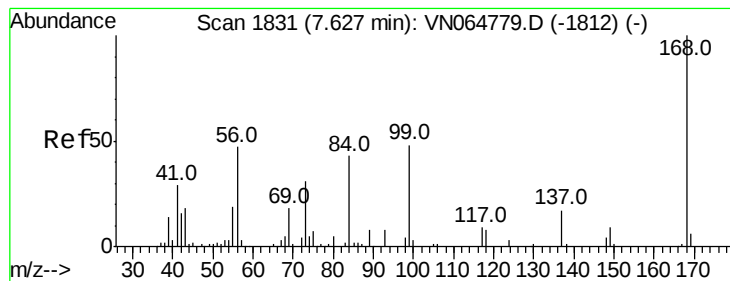
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	56713	44.802	ug/l	99
95) Naphthalene	15.10	128	886297	105.148	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	132900	49.714	ug/l	95

(#) = 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: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

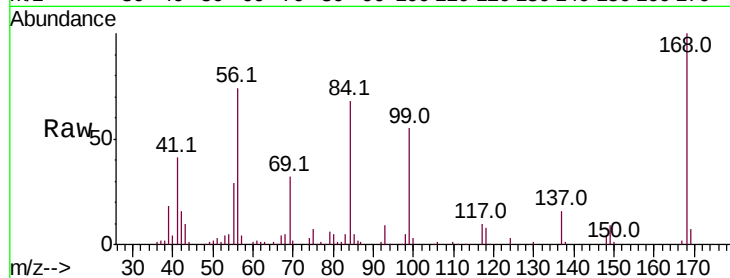
MW-2MS

Tot Ion:168 Resp: 196224

Ion Ratio Lower Upper

168 100

99 54.9 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

60000

40000

20000

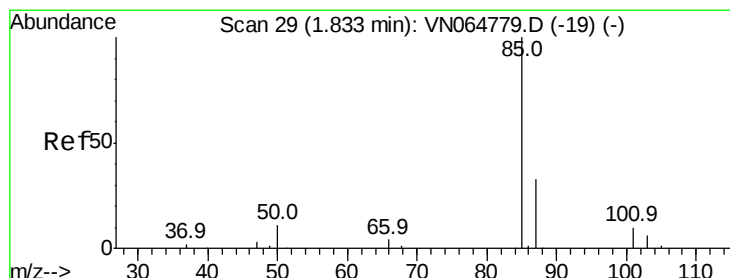
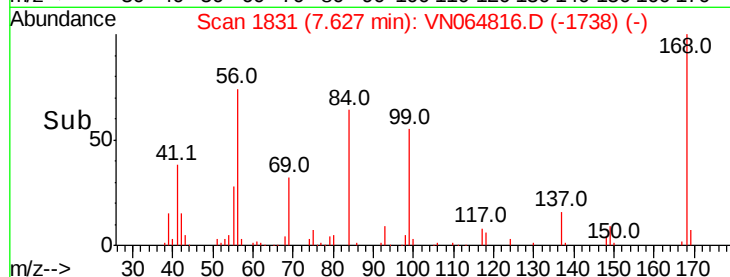
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Time-->

7.50

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 43.596 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064816.D

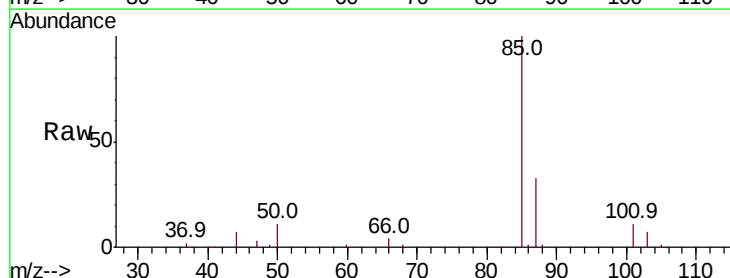
Acq: 24 Nov 2020 17:28

Tgt Ion: 85 Resp: 74140

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

1.83

60000

50000

40000

30000

20000

10000

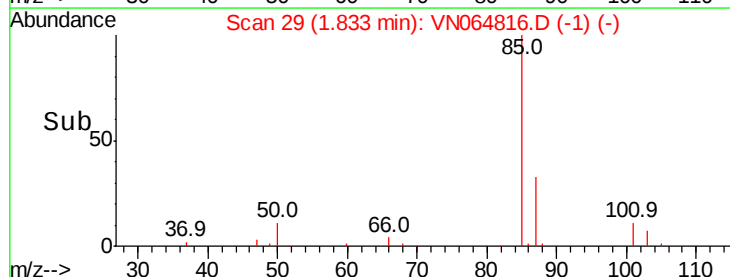
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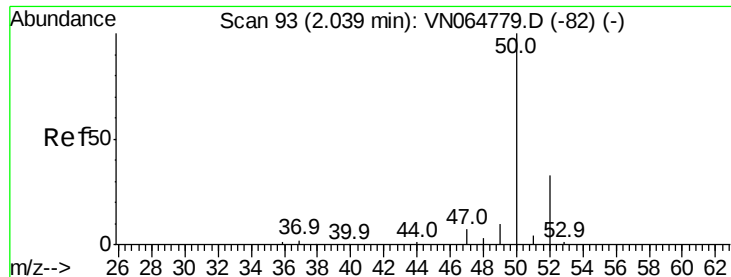
Time-->

1.80

1.85

1.90





#3

Chloromethane

Concen: 44.036 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

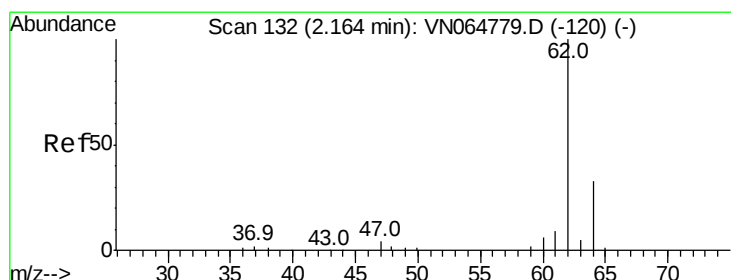
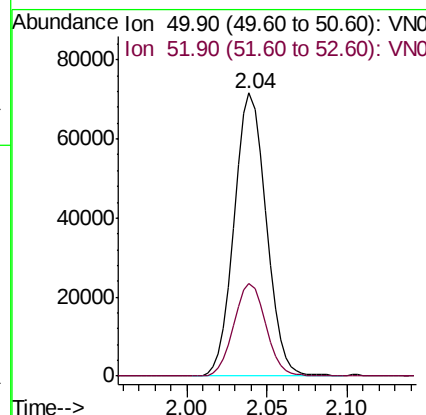
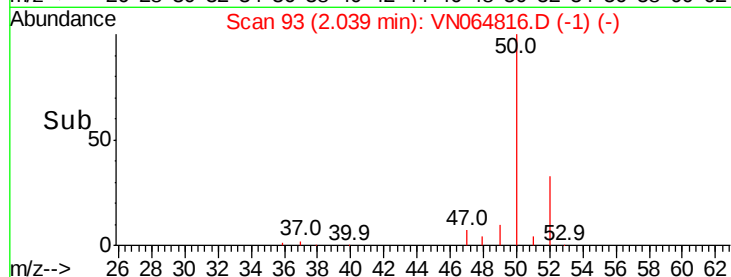
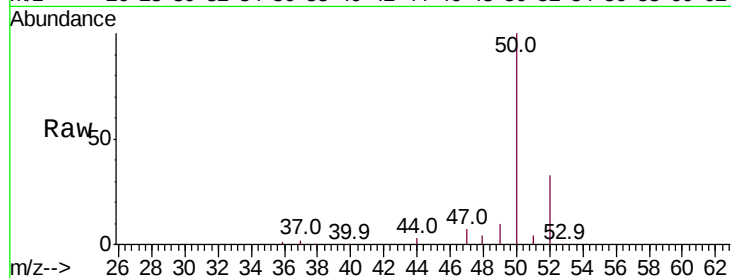
MW-2MS

Tot Ion: 50 Resp: 97317

Ion Ratio Lower Upper

50 100

52 32.9 26.6 39.8



#4

Vinyl Chloride

Concen: 47.570 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064816.D

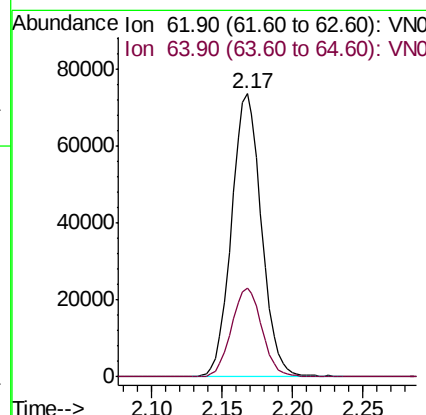
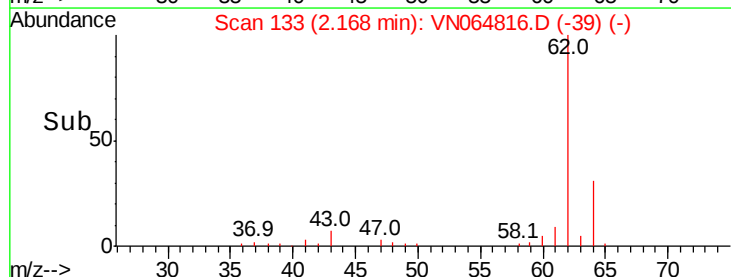
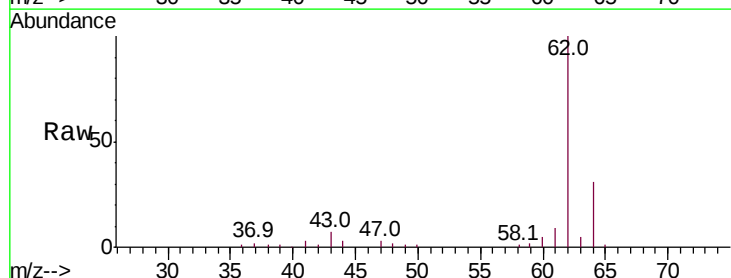
Acq: 24 Nov 2020 17:28

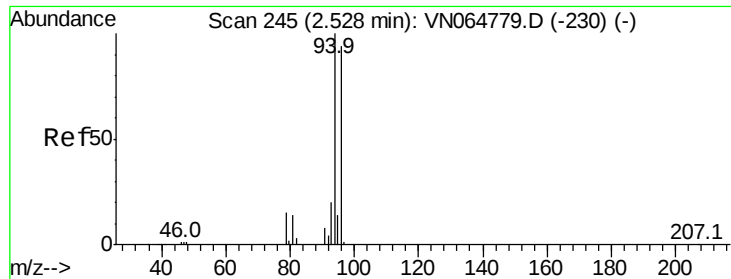
Tgt Ion: 62 Resp: 109603

Ion Ratio Lower Upper

62 100

64 31.2 26.5 39.7





#5

Bromomethane

Concen: 29.498 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

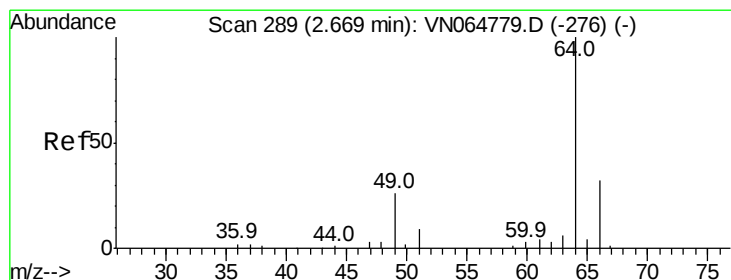
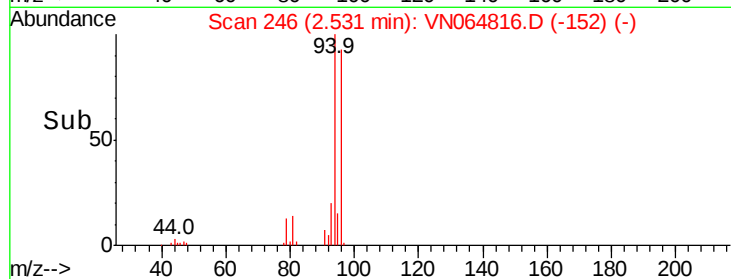
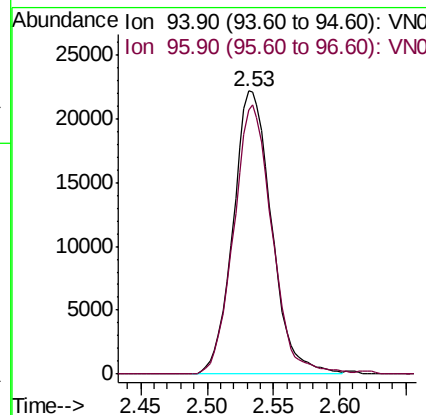
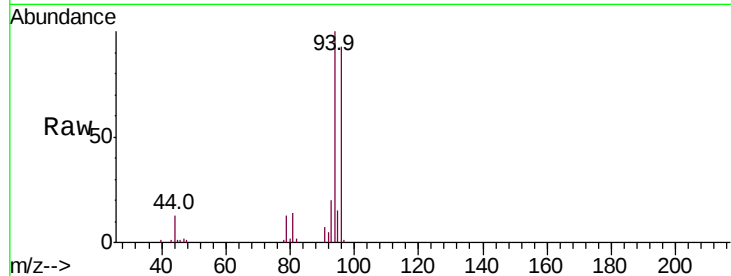
MW-2MS

Tot Ion: 94 Resp: 44591

Ion Ratio Lower Upper

94 100

96 93.4 75.4 113.0



#6

Chloroethane

Concen: 47.528 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064816.D

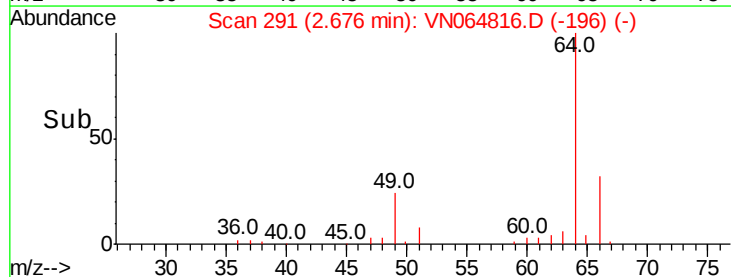
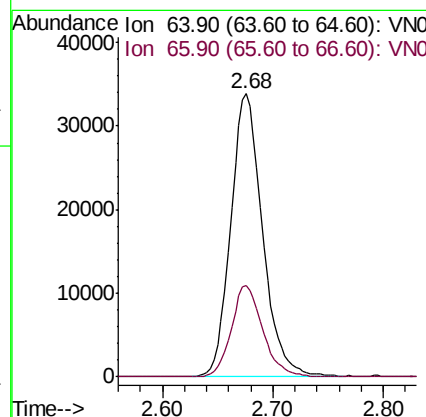
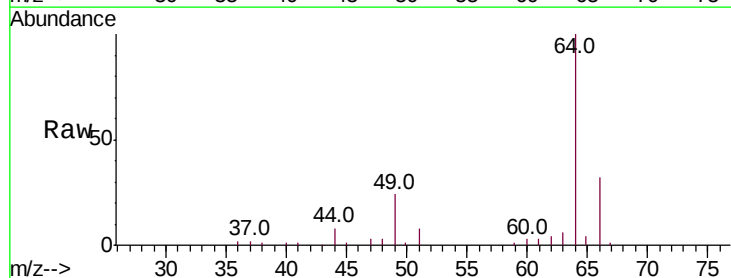
Acq: 24 Nov 2020 17:28

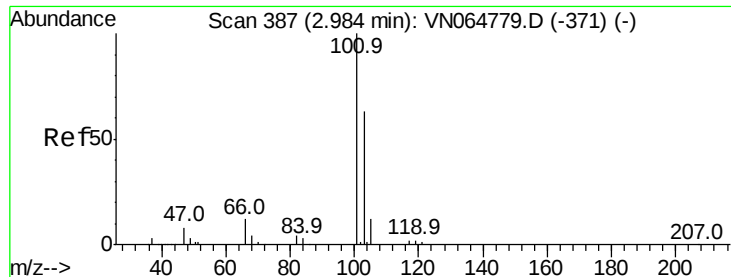
Tgt Ion: 64 Resp: 67730

Ion Ratio Lower Upper

64 100

66 32.2 25.6 38.4



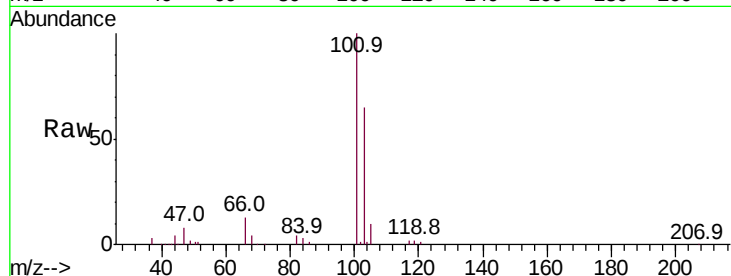


#7

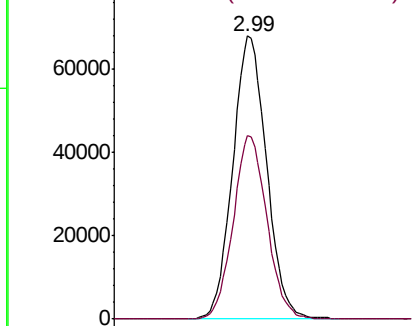
Trichlorofluoromethane
 Concen: 46.616 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064816.D
 Acq: 24 Nov 2020 17:28

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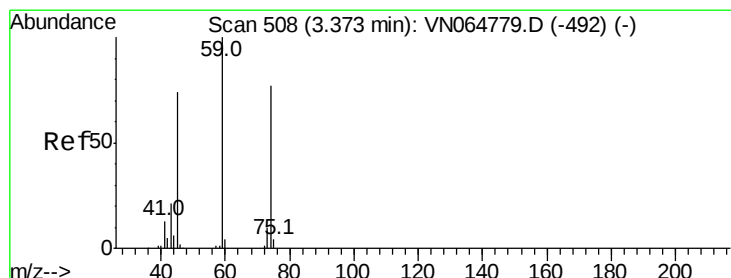
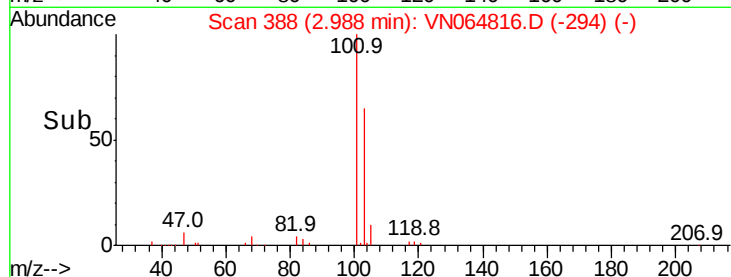
Tot Ion:101 Resp: 148470
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.5 75.7



Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



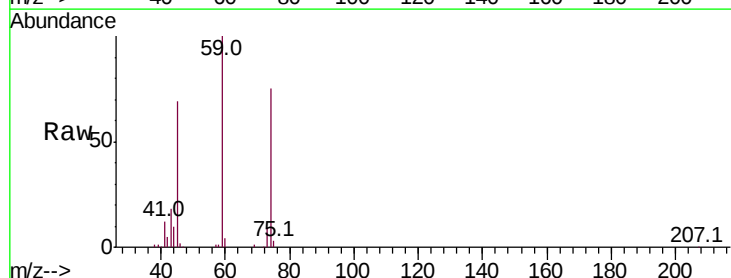
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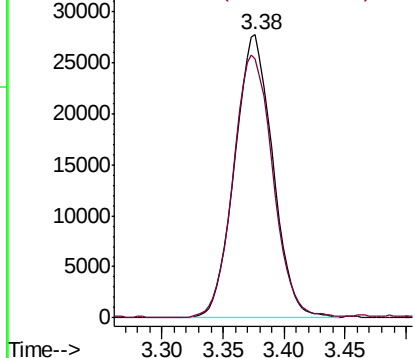
#8

Diethyl Ether
 Concen: 47.663 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064816.D
 Acq: 24 Nov 2020 17:28

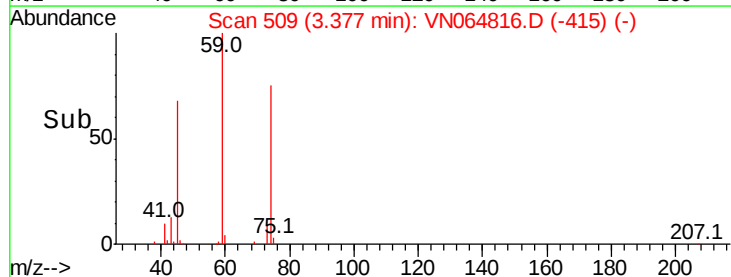
Tgt Ion: 74 Resp: 59921
 Ion Ratio Lower Upper
 74 100
 45 97.0 48.9 146.8

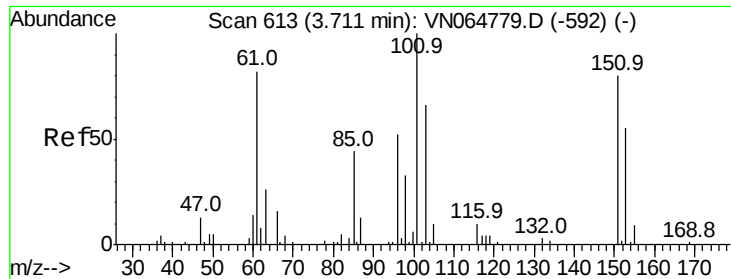


Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.031 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.01 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

MW-2MS

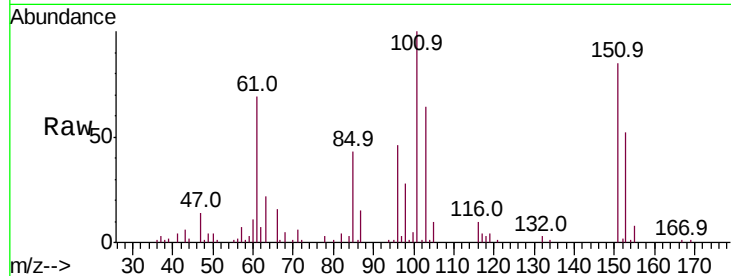
Tot Ion:101 Resp: 87947

Ion Ratio Lower Upper

101 100

85 42.5 34.4 51.6

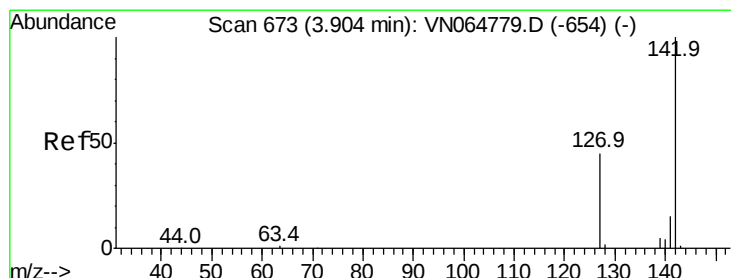
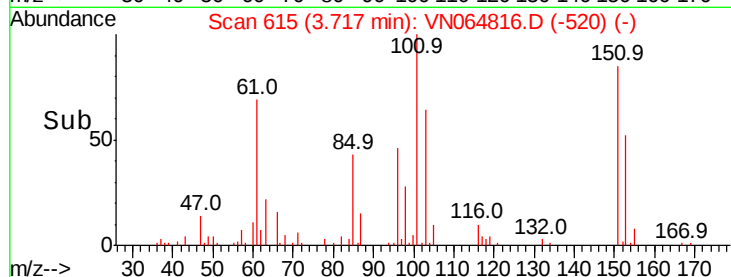
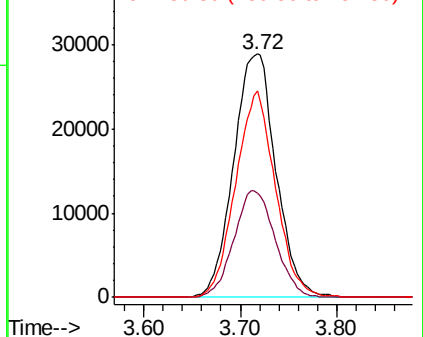
151 79.2 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 32.336 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.01 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

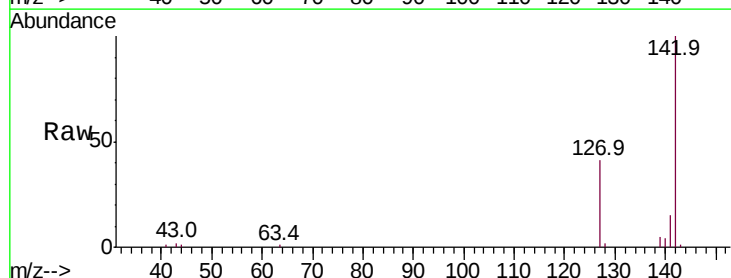
Tgt Ion:142 Resp: 80136

Ion Ratio Lower Upper

142 100

127 41.9 35.0 52.6

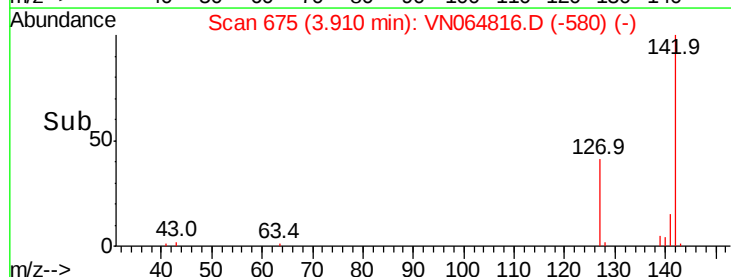
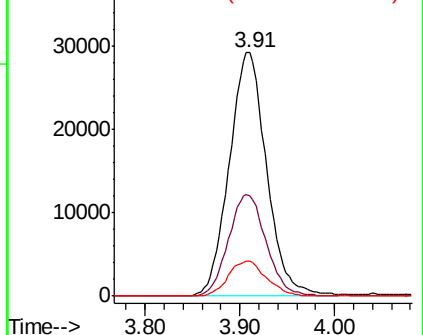
141 14.6 11.8 17.6

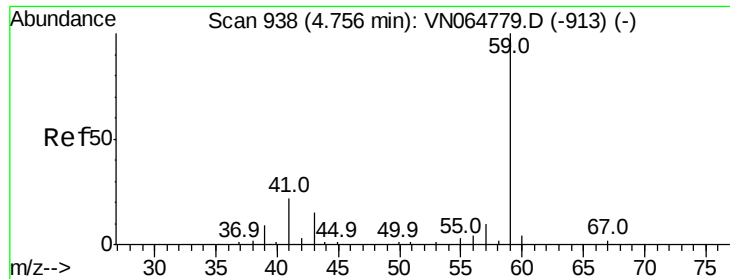


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



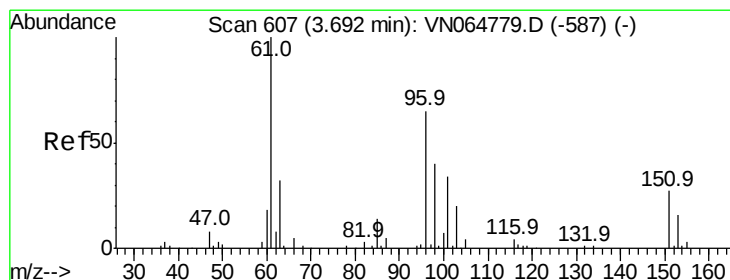
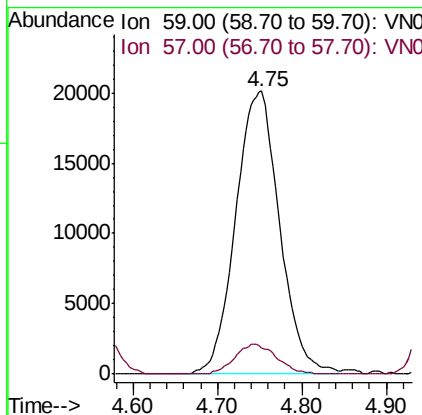
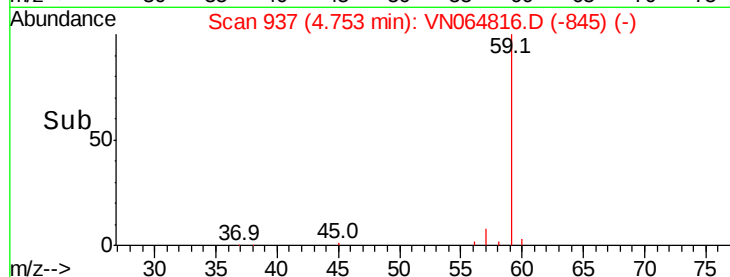
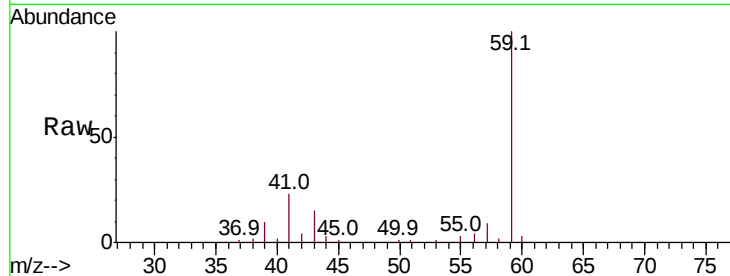


#11

Tert butyl alcohol
 Concen: 204.520 ug/l
 RT: 4.75 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: VN064816.D
 Acq: 24 Nov 2020 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2MS

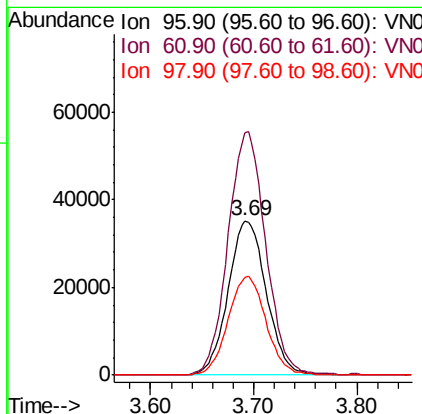
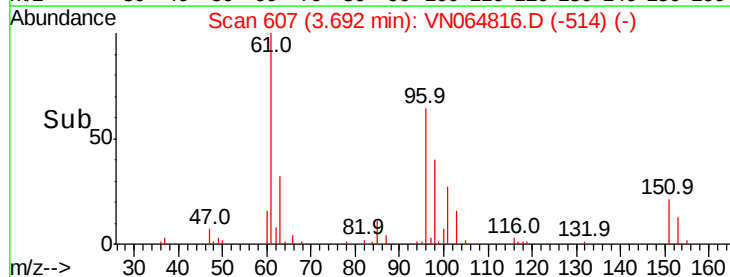
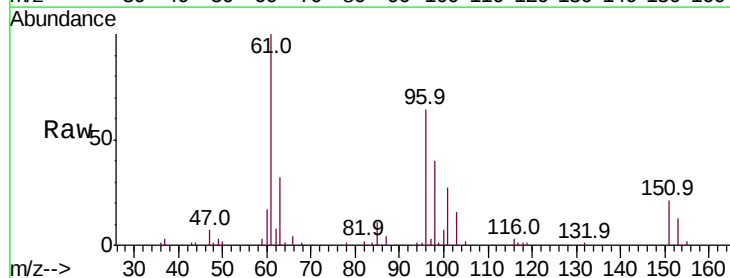
Tot Ion: 59 Resp: 72761
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

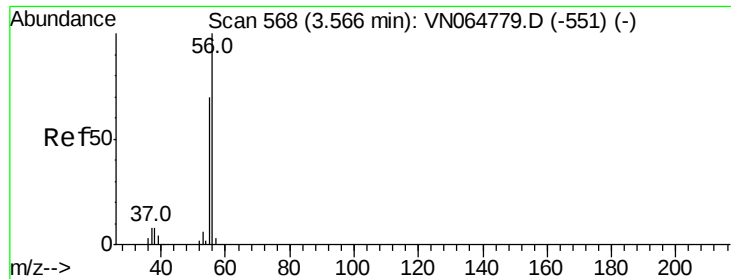


#12

1,1-Dichloroethene
 Concen: 47.766 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VN064816.D
 Acq: 24 Nov 2020 17:28

Tgt Ion: 96 Resp: 90889
 Ion Ratio Lower Upper
 96 100
 61 156.8 123.4 185.2
 98 63.4 49.8 74.8





#13

Acrolein

Concen: 205.962 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

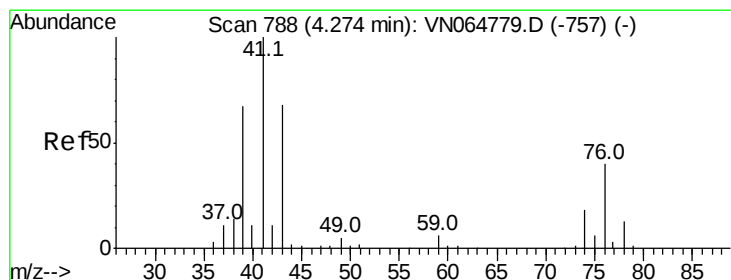
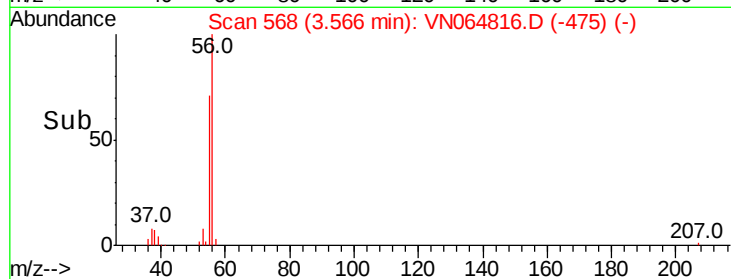
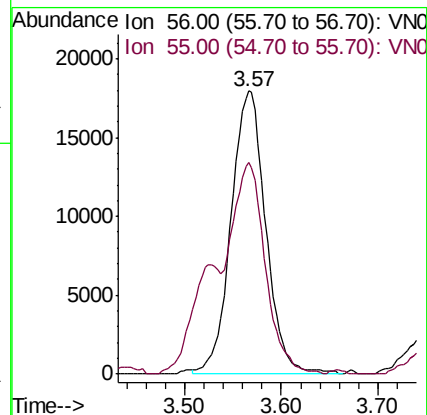
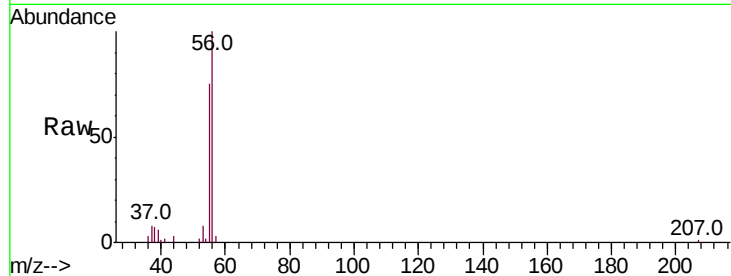
MW-2MS

Tot Ion: 56 Resp: 44757

Ion Ratio Lower Upper

56 100

55 71.2 56.5 84.7



#14

Allyl chloride

Concen: 47.539 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

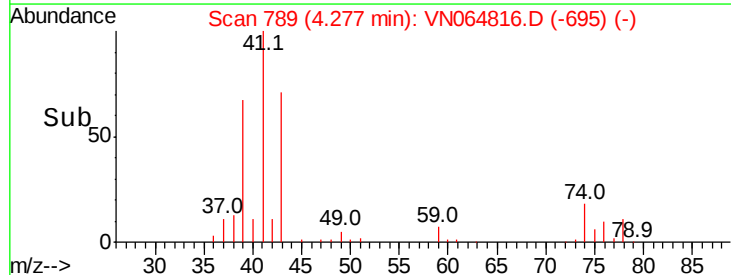
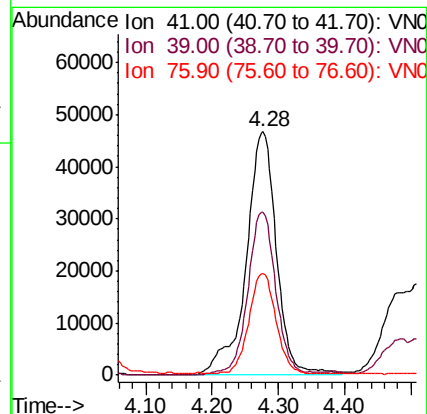
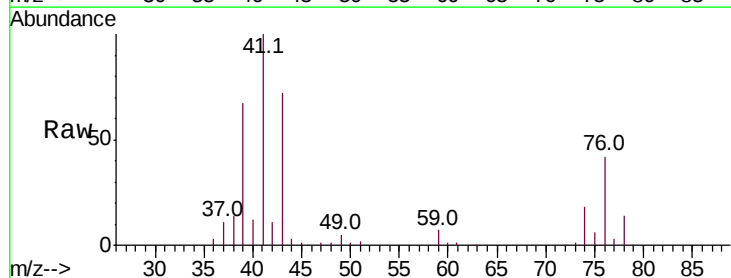
Tgt Ion: 41 Resp: 149194

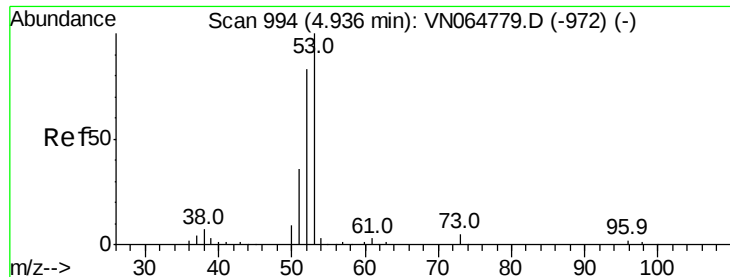
Ion Ratio Lower Upper

41 100

39 61.6 50.9 76.3

76 36.0 29.0 43.4





#15

Acrylonitrile

Concen: 248.736 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

MW-2MS

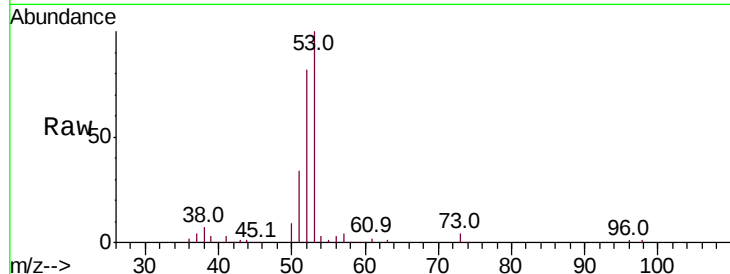
Tot Ion: 53 Resp: 244459

Ion Ratio Lower Upper

53 100

52 78.2 65.5 98.3

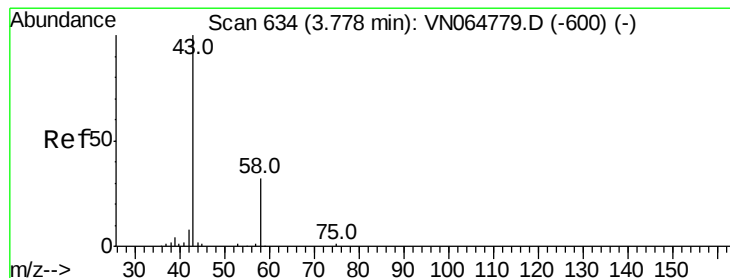
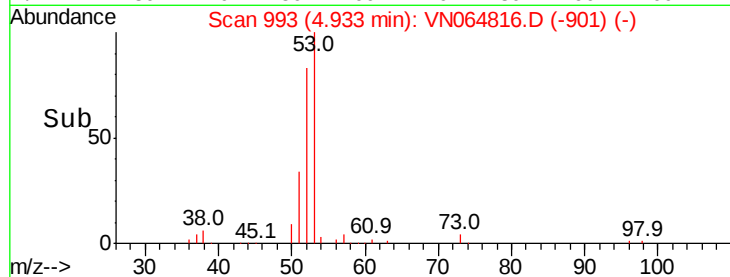
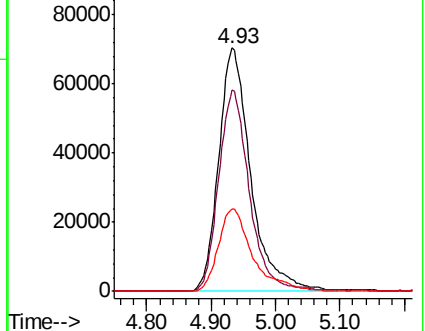
51 36.3 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 282.596 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064816.D

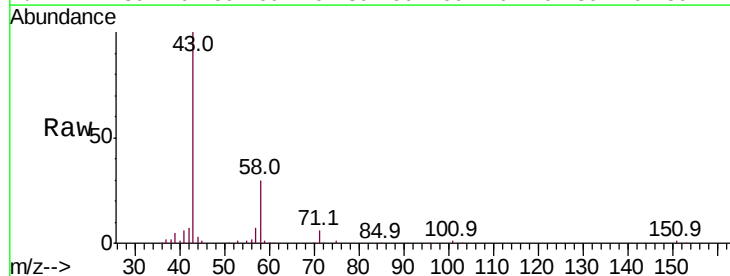
Acq: 24 Nov 2020 17:28

Tgt Ion: 43 Resp: 211920

Ion Ratio Lower Upper

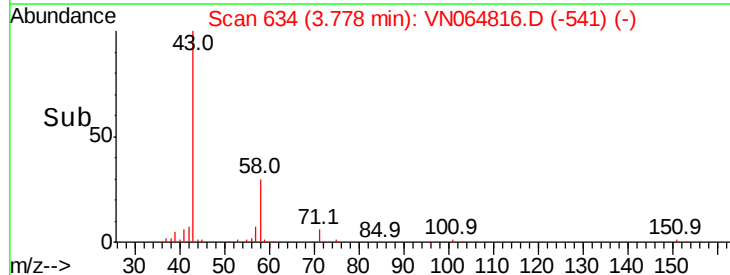
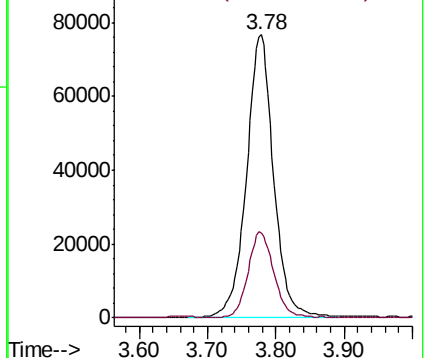
43 100

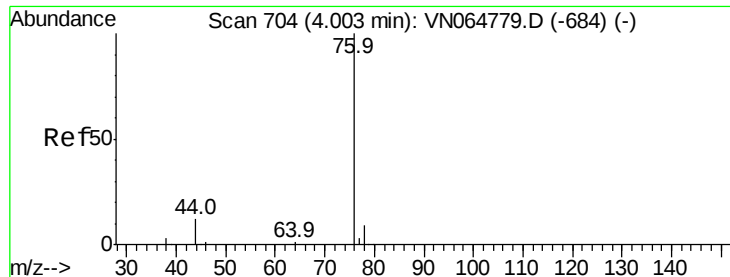
58 29.8 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

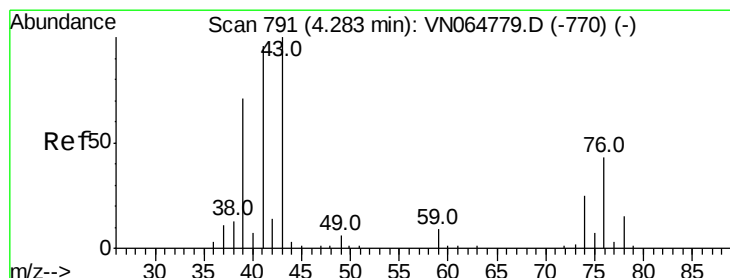
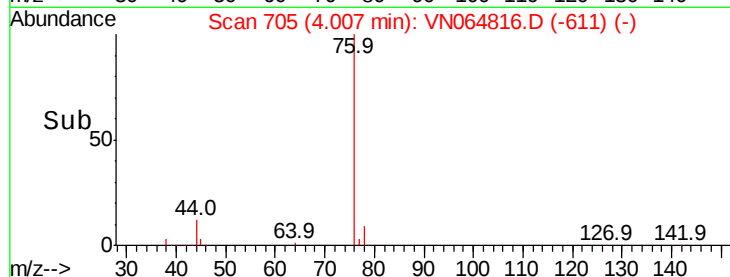
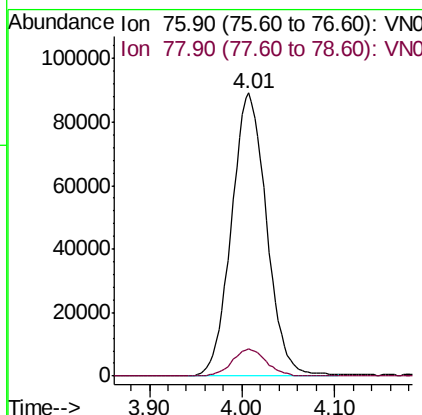
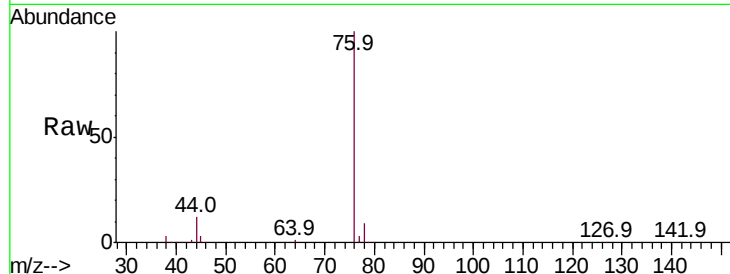




#17
Carbon Disulfide
Concen: 47.707 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064816.D
Acq: 24 Nov 2020 17:28

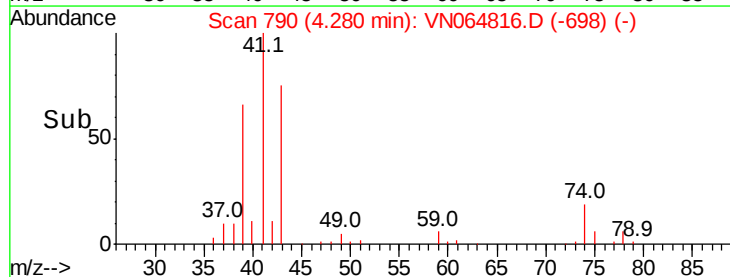
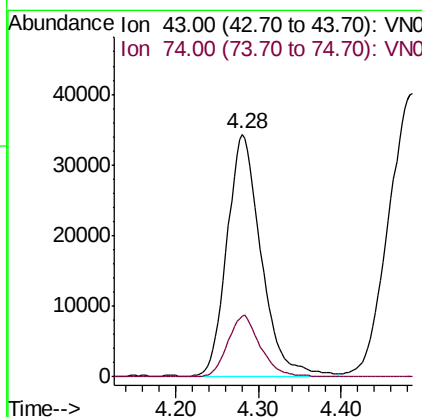
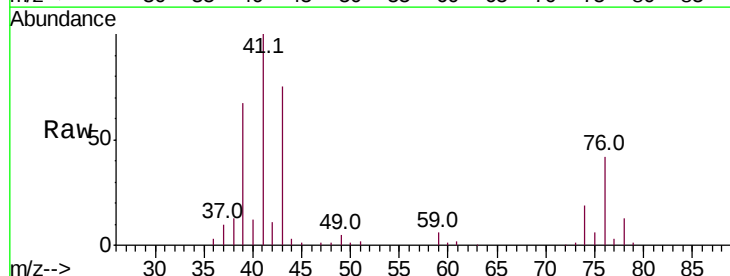
Instrument :
MSVOA_N
ClientSampleId :
MW-2MS

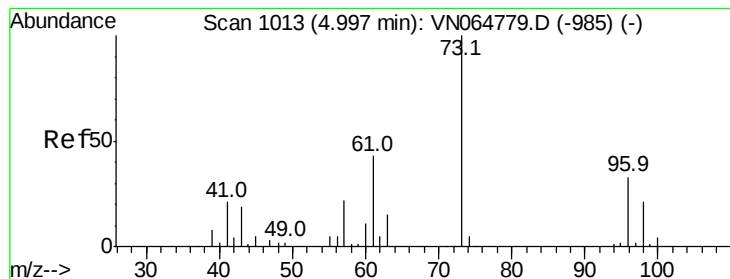
Tot Ion: 76 Resp: 234382
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 43.775 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064816.D
Acq: 24 Nov 2020 17:28

Tgt Ion: 43 Resp: 98696
Ion Ratio Lower Upper
43 100
74 24.0 20.2 30.2



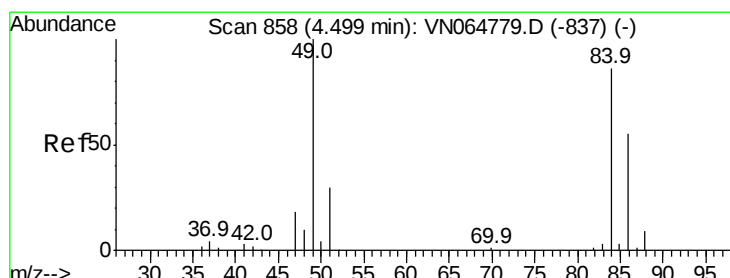
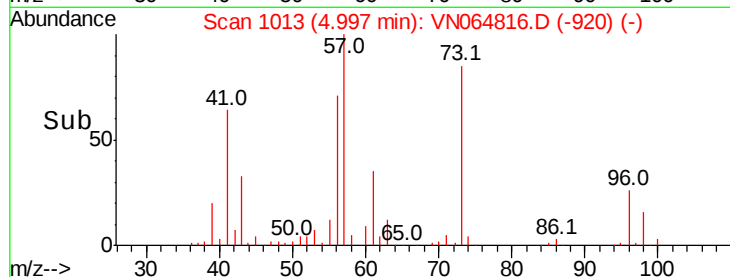
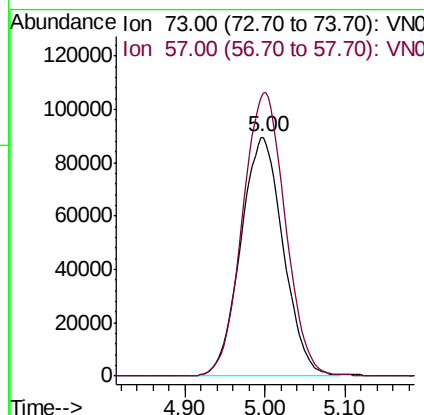
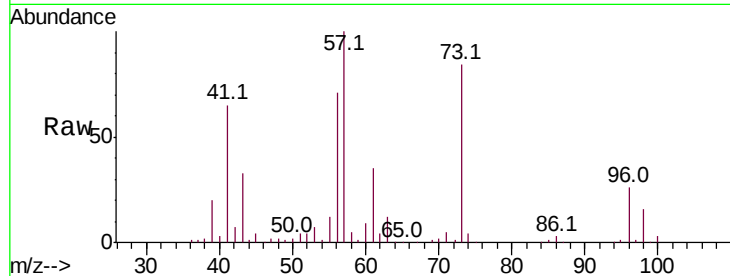


#19

Methyl tert-butyl Ether
 Concen: 53.184 ug/l
 RT: 5.00 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VN064816.D
 Acq: 24 Nov 2020 17:28

Instrument :
 MSVOA_N
 ClientSampled :
 MW-2MS

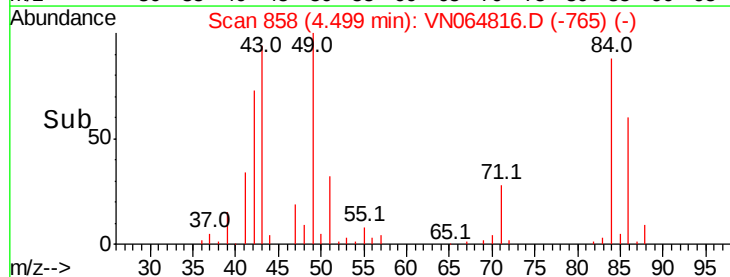
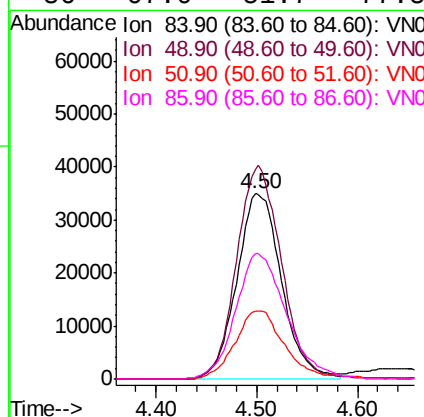
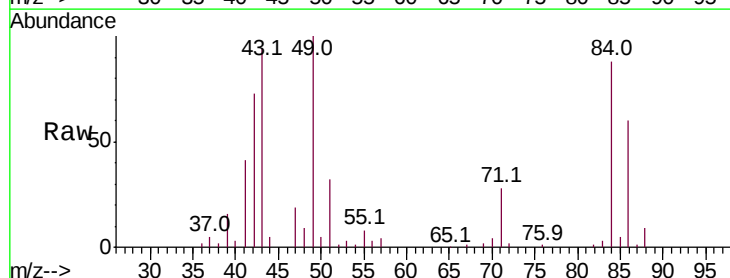
Tot Ion: 73 Resp: 324561
 Ion Ratio Lower Upper
 73 100
 57 118.5 17.4 26.0#

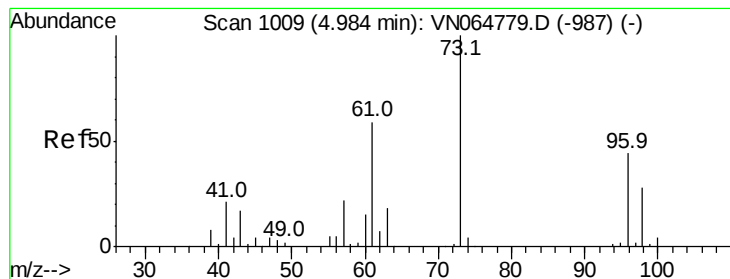


#20

Methylene Chloride
 Concen: 45.828 ug/l
 RT: 4.50 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: VN064816.D
 Acq: 24 Nov 2020 17:28

Tgt Ion: 84 Resp: 107690
 Ion Ratio Lower Upper
 84 100
 49 113.1 93.4 140.0
 51 36.5 28.2 42.4
 86 67.0 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 46.212 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampled :

MW-2MS

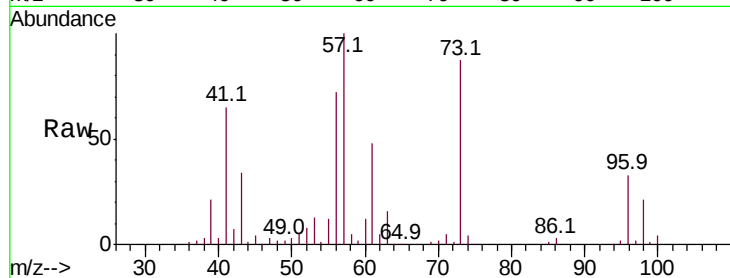
Tot Ion: 96 Resp: 97647

Ion Ratio Lower Upper

96 100

61 143.1 108.4 162.6

98 63.6 51.3 76.9

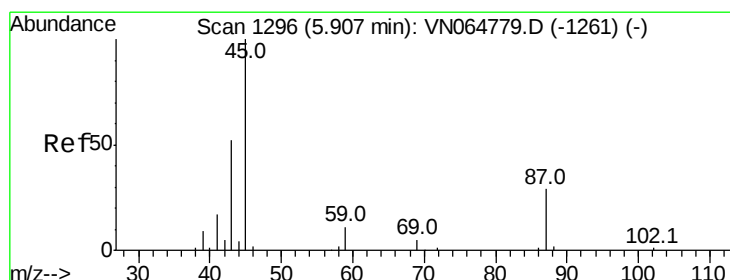
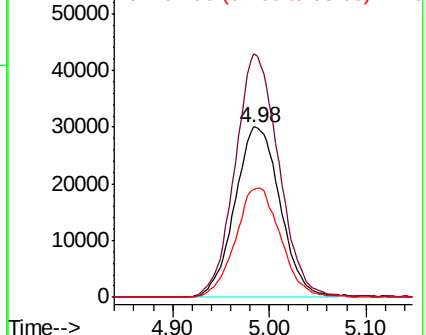
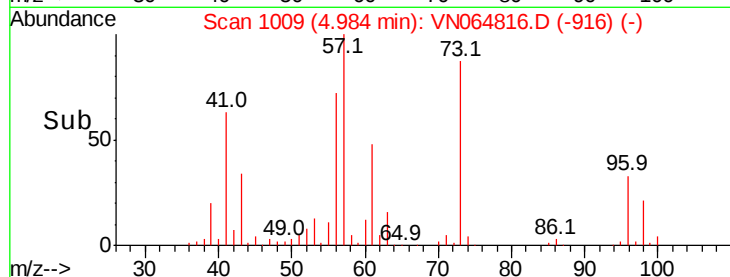


Abundance

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: 50.581 ug/l

RT: 5.91 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Tgt Ion: 45 Resp: 317733

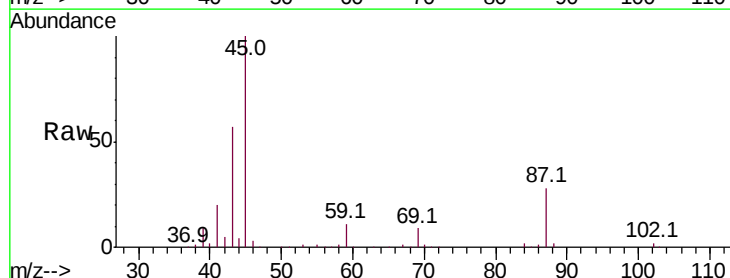
Ion Ratio Lower Upper

45 100

43 55.7 46.2 69.2

87 28.2 24.1 36.1

59 11.4 9.0 13.4



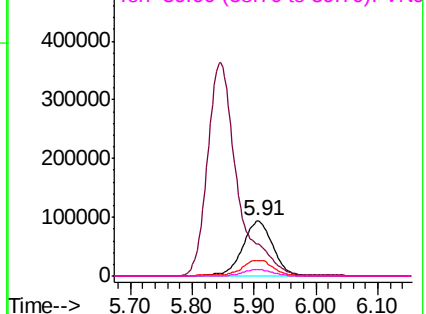
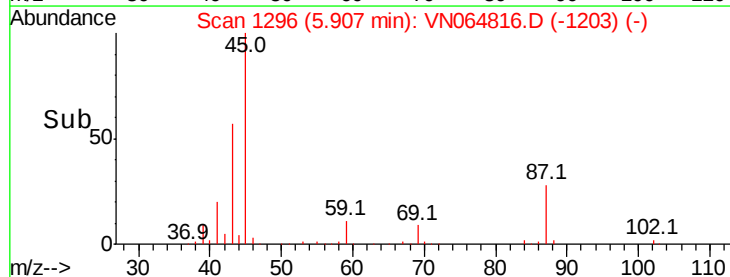
Abundance

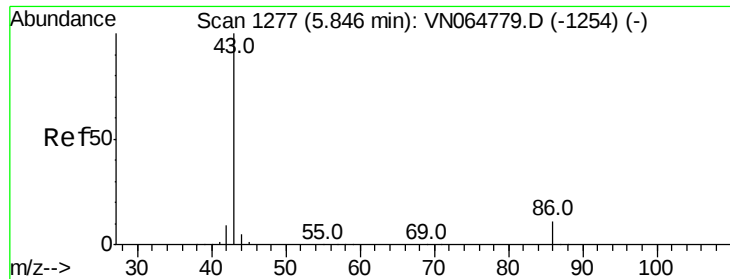
Ion 45.00 (44.70 to 45.70): VN0

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: 243.497 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

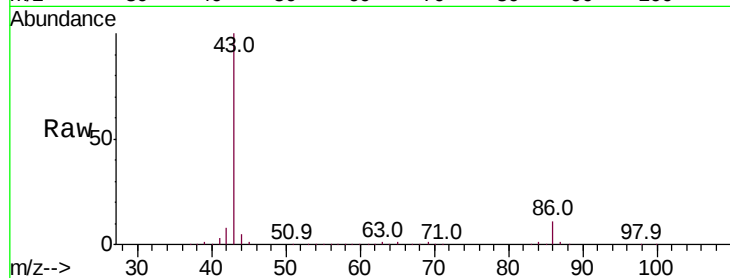
MW-2MS

Tot Ion: 43 Resp: 1223154

Ion Ratio Lower Upper

43 100

86 10.5 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN064816.D (-1184) (-)

Ion 86.00 (85.70 to 86.70): VN064816.D (-1184) (-)

5.85

400000

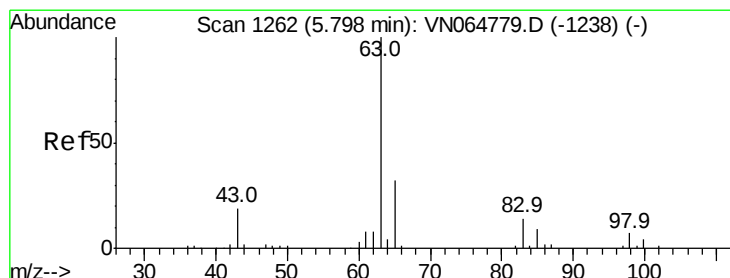
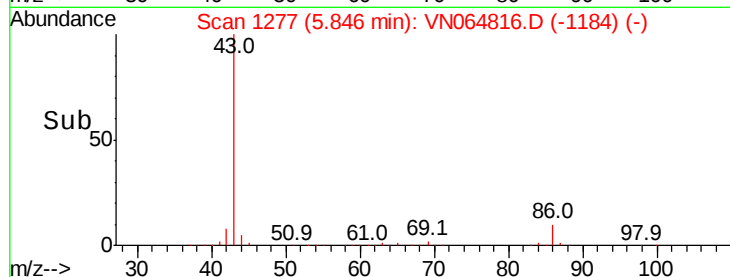
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.611 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

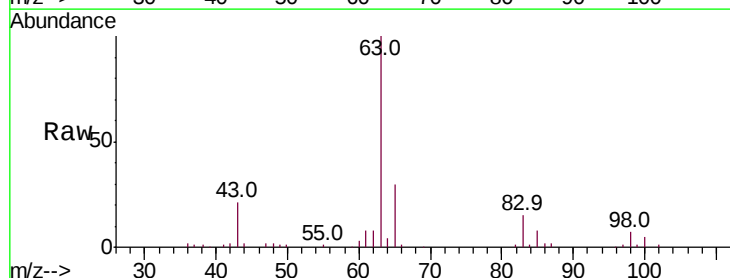
Tgt Ion: 63 Resp: 182491

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

100 4.6 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN064816.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064816.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064816.D (-1169) (-)

5.80

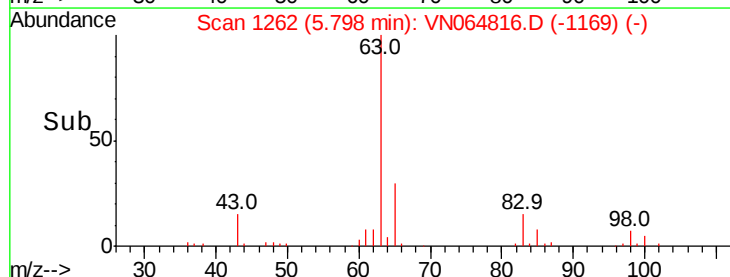
60000

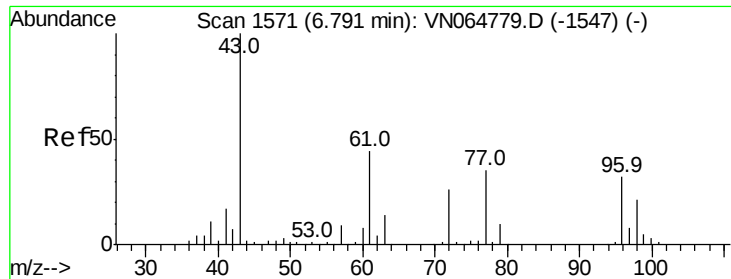
40000

20000

0

Time-->





#25

2-Butanone

Concen: 244.747 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampled :

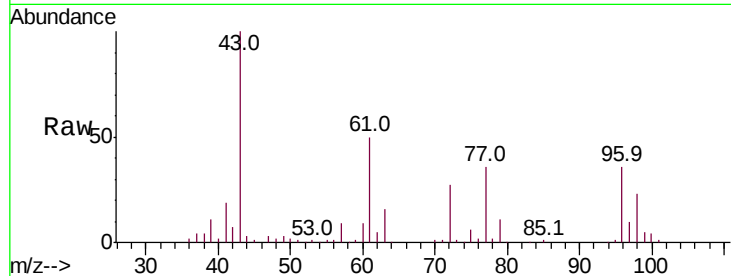
MW-2MS

Tot Ion: 43 Resp: 297523

Ion Ratio Lower Upper

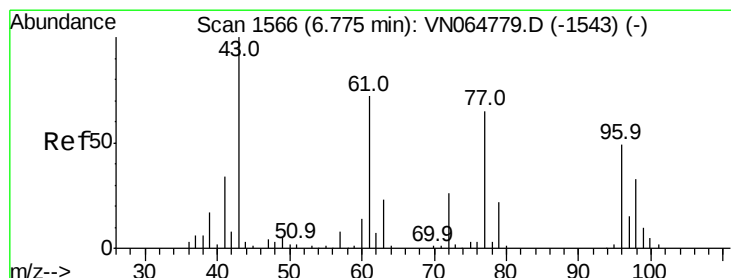
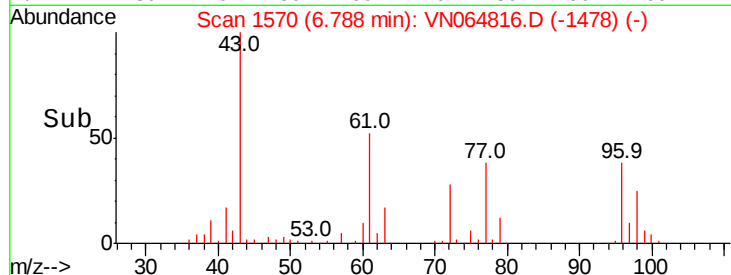
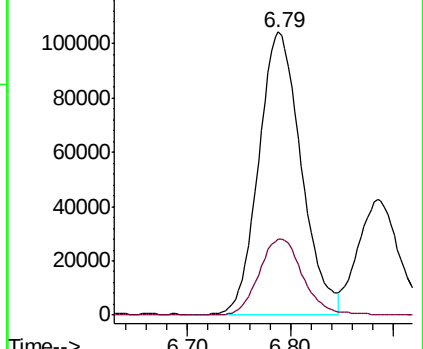
43 100

72 26.9 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 43.733 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064816.D

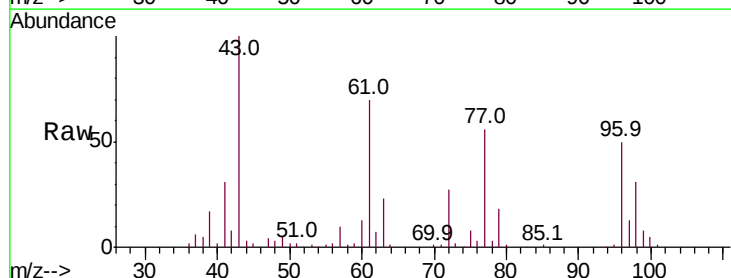
Acq: 24 Nov 2020 17:28

Tgt Ion: 77 Resp: 142394

Ion Ratio Lower Upper

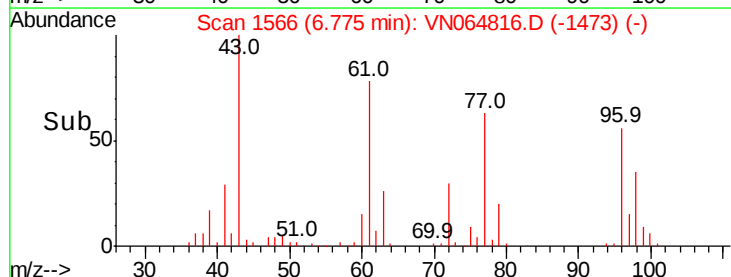
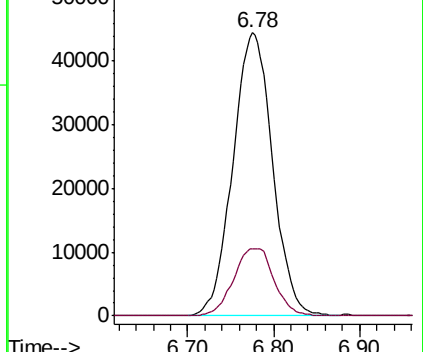
77 100

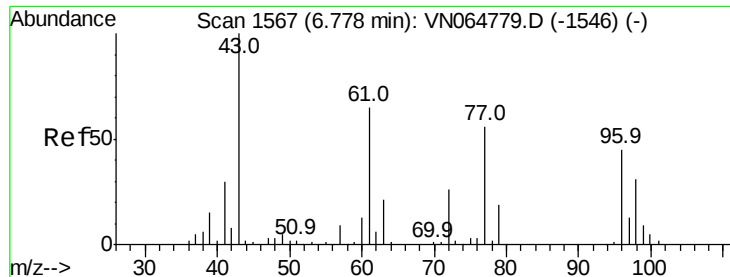
97 24.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 50.390 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

MW-2MS

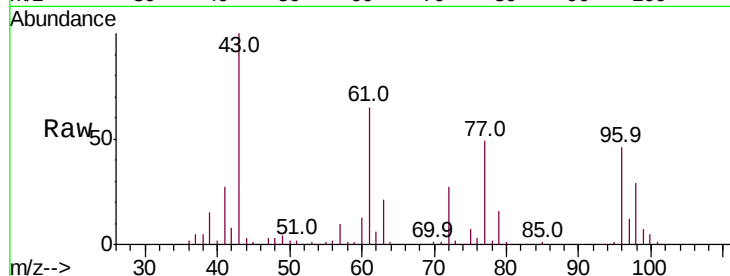
Tot Ion: 96 Resp: 119812

Ion Ratio Lower Upper

96 100

61 140.2 0.0 285.8

98 63.7 0.0 130.6

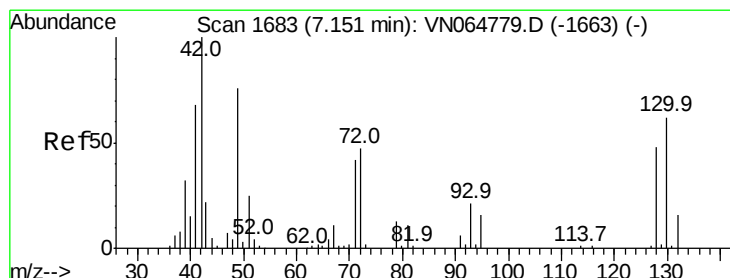
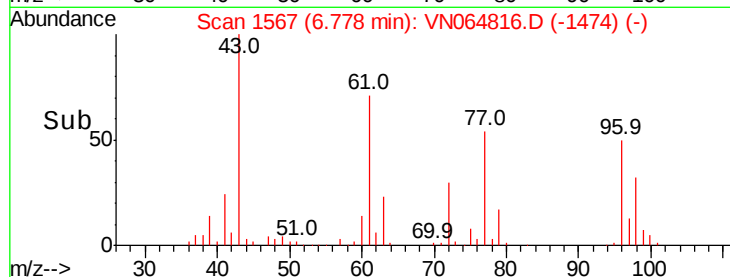
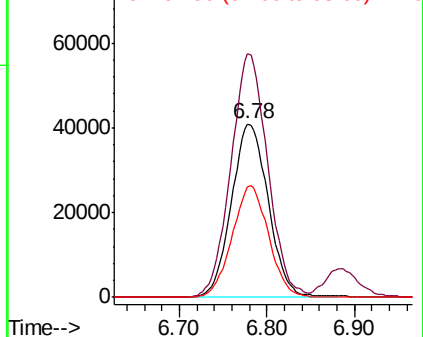


Abundance

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



#28

Bromochloromethane

Concen: 47.977 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

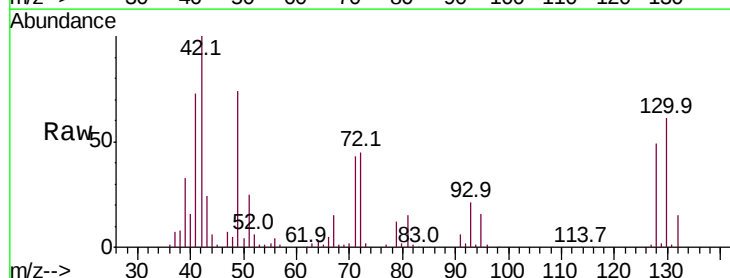
Tgt Ion: 49 Resp: 82396

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 84.1 66.2 99.2

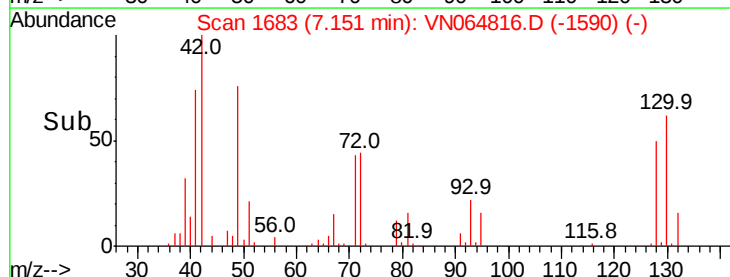
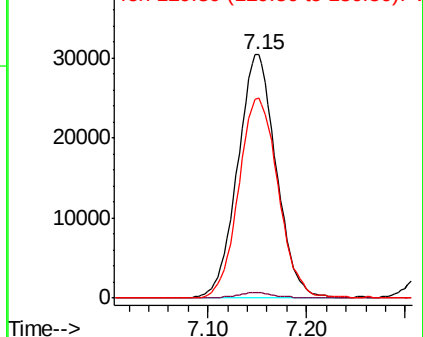


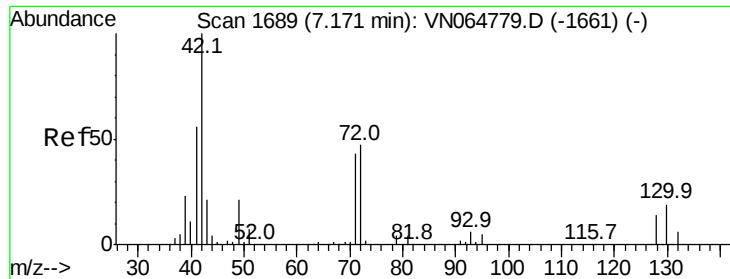
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 232.799 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

MW-2MS

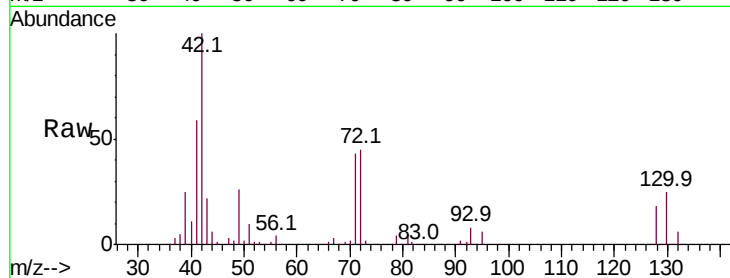
Tot Ion: 42 Resp: 195352

Ion Ratio Lower Upper

42 100

72 45.7 36.6 54.8

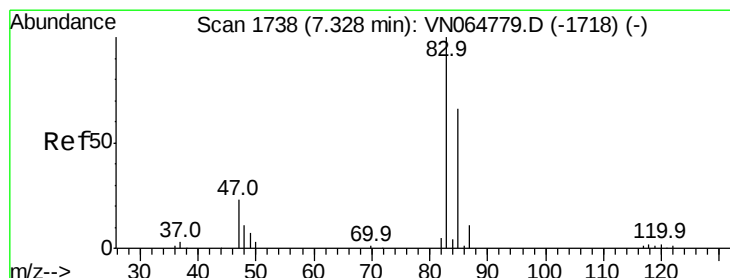
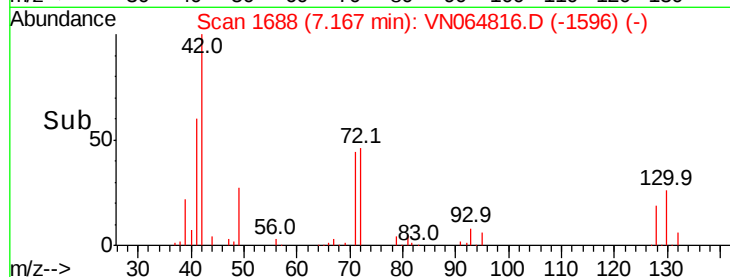
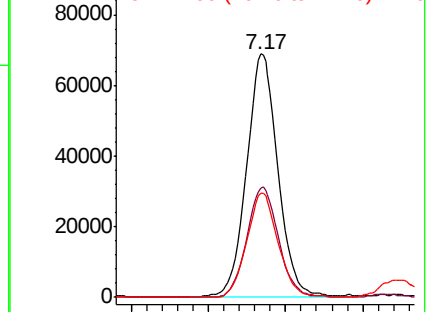
71 42.7 33.6 50.4



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 52.008 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064816.D

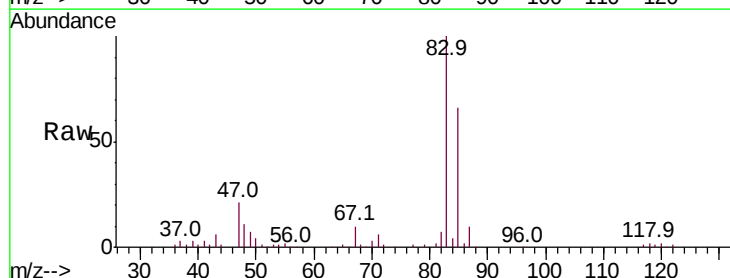
Acq: 24 Nov 2020 17:28

Tgt Ion: 83 Resp: 201344

Ion Ratio Lower Upper

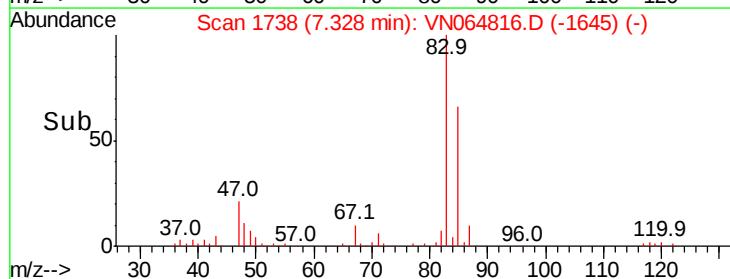
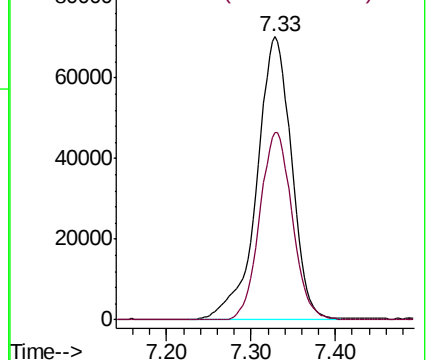
83 100

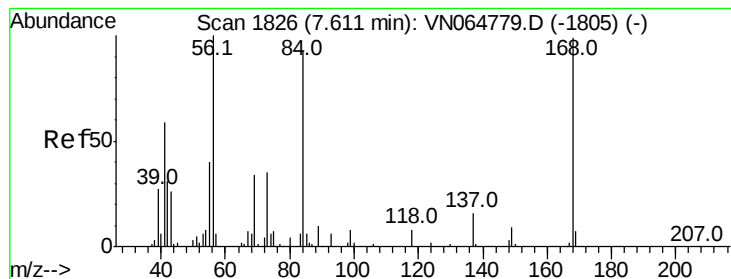
85 66.4 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 73.741 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampled :

MW-2MS

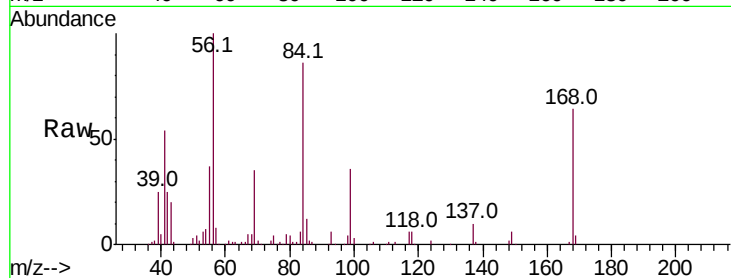
Tot Ion: 56 Resp: 234459

Ion Ratio Lower Upper

56 100

69 34.4 27.5 41.3

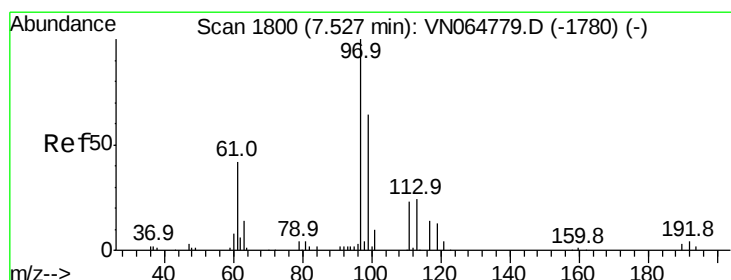
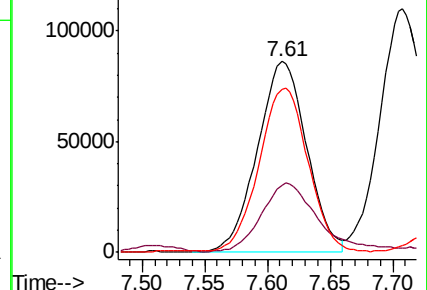
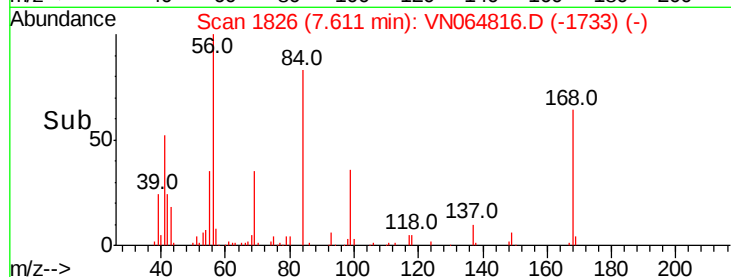
84 84.8 73.9 110.9



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: 47.760 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

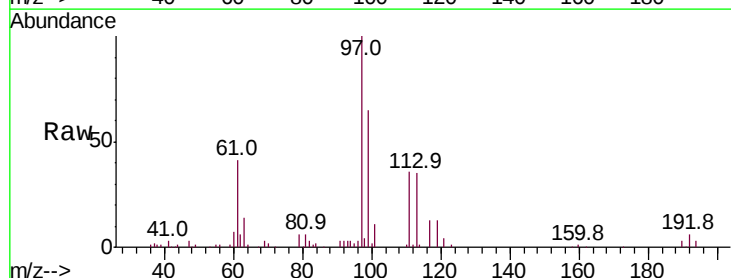
Tgt Ion: 97 Resp: 158804

Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

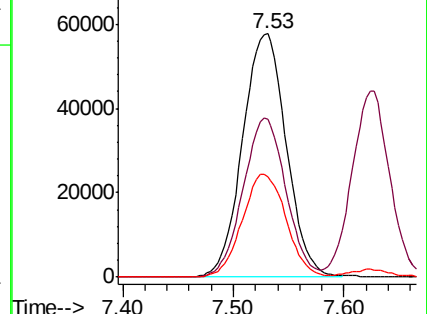
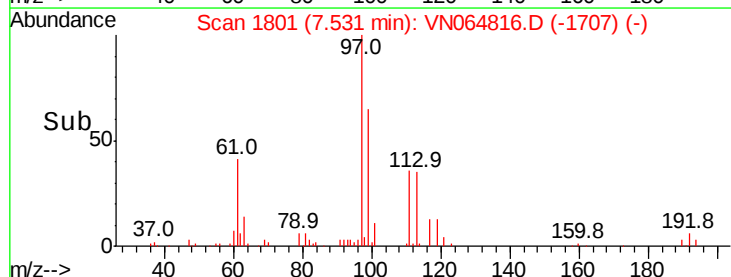
61 42.3 33.9 50.9

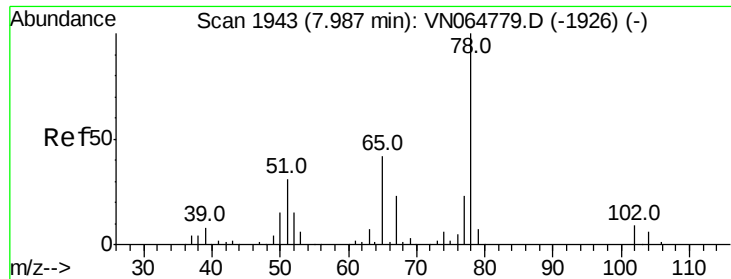


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

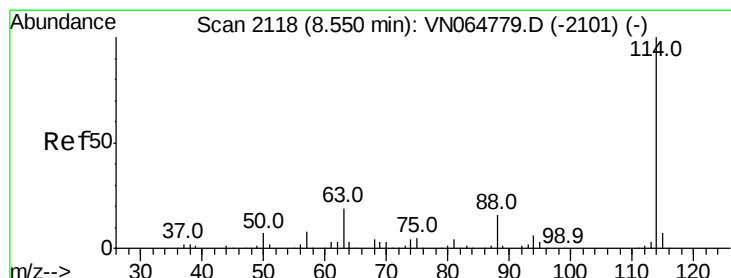
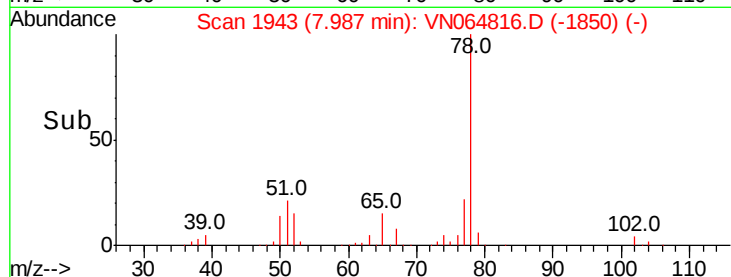
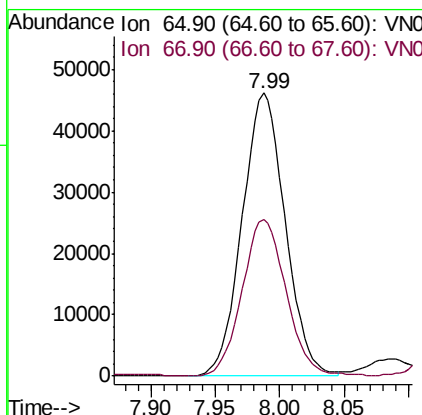
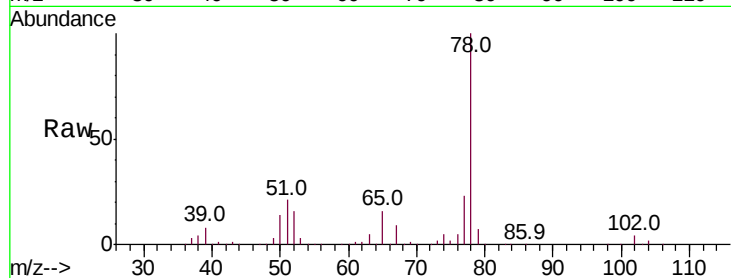




#33
 1,2-Dichloroethane-d4
 Concen: 47.031 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064816.D
 Acq: 24 Nov 2020 17:28

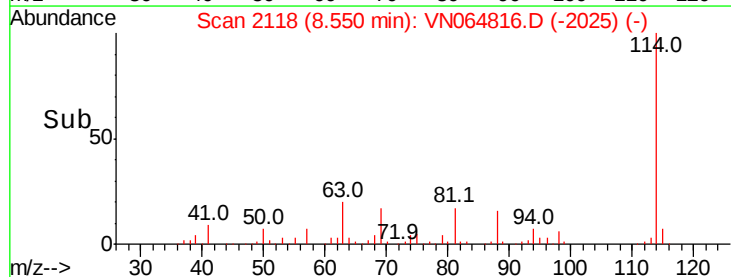
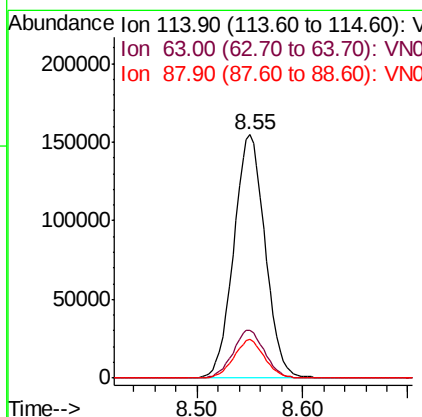
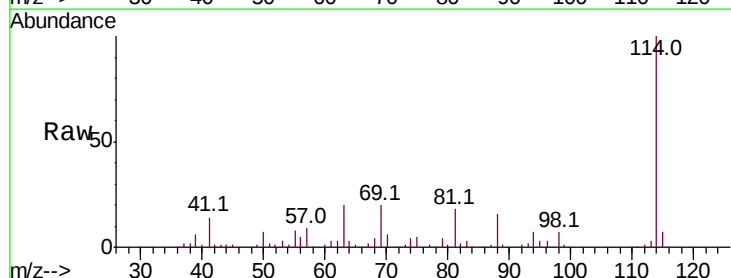
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2MS

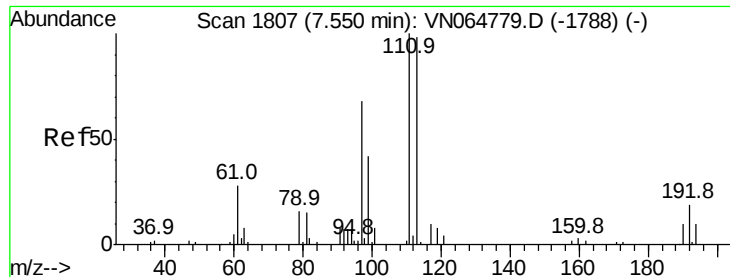
Tot Ion: 65 Resp: 107289
 Ion Ratio Lower Upper
 65 100
 67 56.8 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064816.D
 Acq: 24 Nov 2020 17:28

Tgt Ion: 114 Resp: 318592
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.6
 88 15.8 0.0 32.6

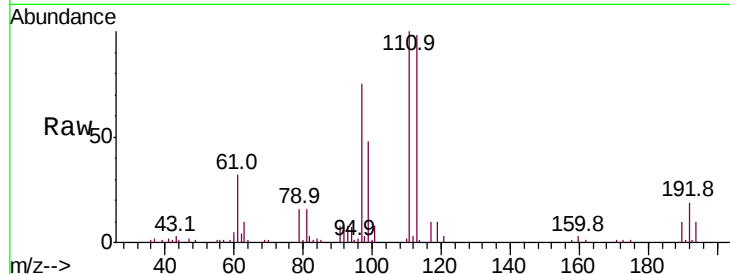




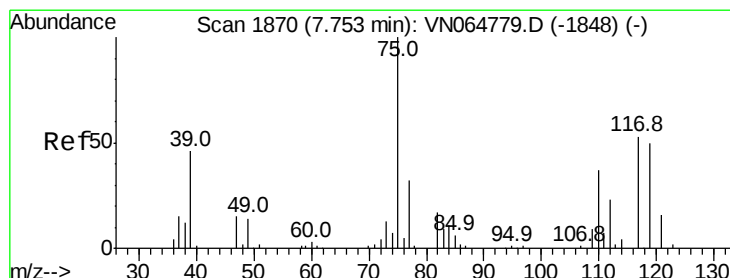
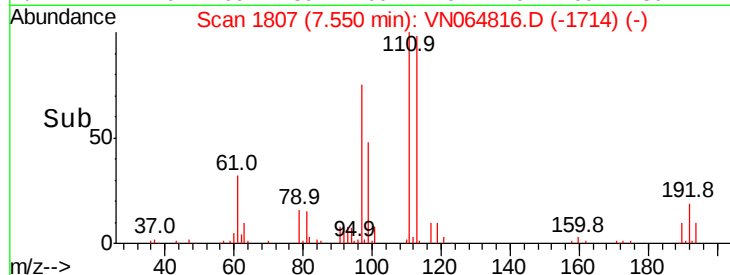
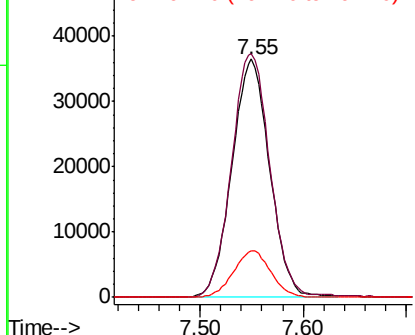
#35
 Dibromofluoromethane
 Concen: 48.758 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064816.D
 Acq: 24 Nov 2020 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2MS

Tot Ion:113 Resp: 92949
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.6 122.4
 192 19.2 16.2 24.2

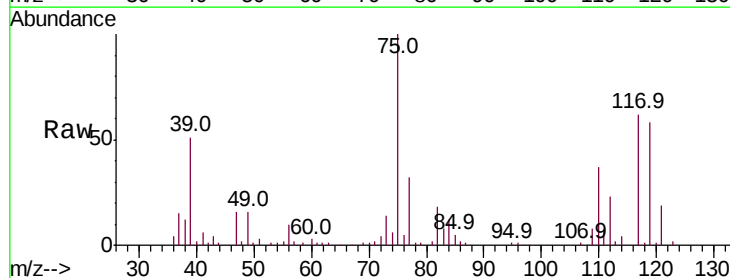


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

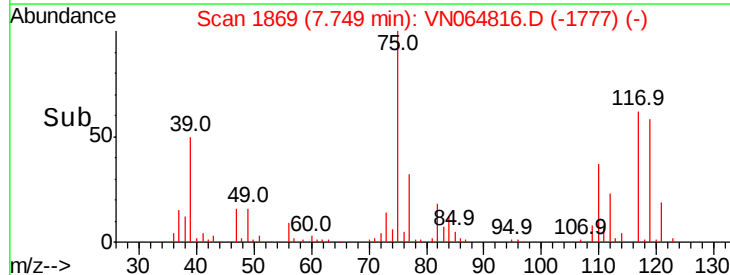
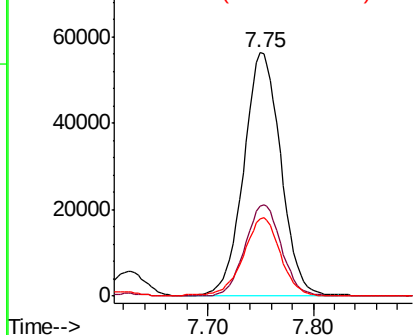


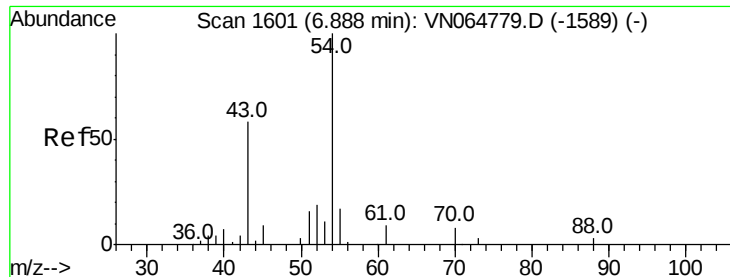
#36
 1,1-Dichloropropene
 Concen: 46.301 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064816.D
 Acq: 24 Nov 2020 17:28

Tgt Ion: 75 Resp: 136729
 Ion Ratio Lower Upper
 75 100
 110 36.8 17.8 53.3
 77 32.7 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

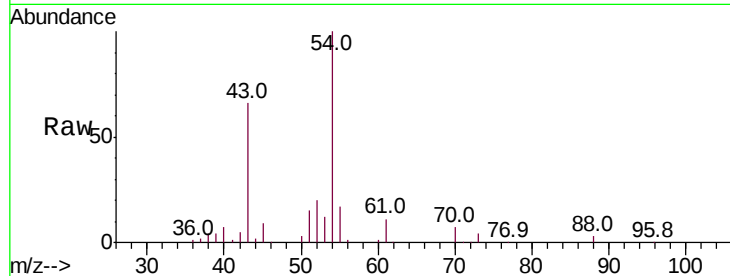




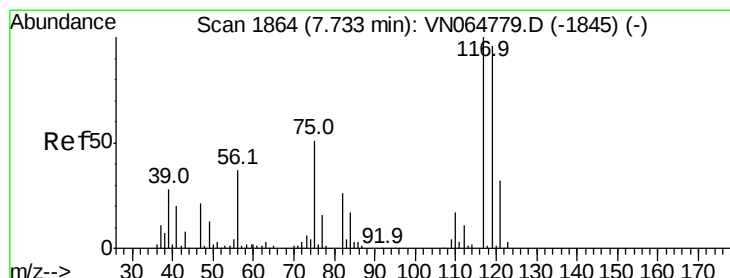
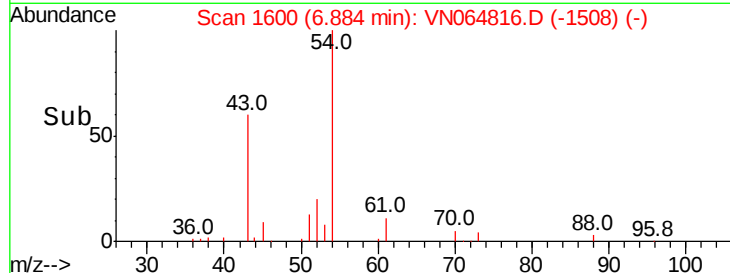
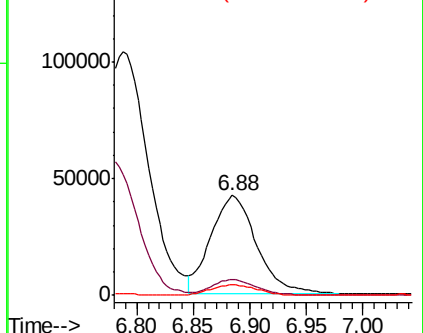
#37
Ethyl Acetate
Concen: 41.918 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064816.D
Acq: 24 Nov 2020 17:28

Instrument :
MSVOA_N
ClientSampled :
MW-2MS

Tot Ion: 43 Resp: 119239
Ion Ratio Lower Upper
43 100
61 15.7 12.8 19.2
70 10.9 8.8 13.2

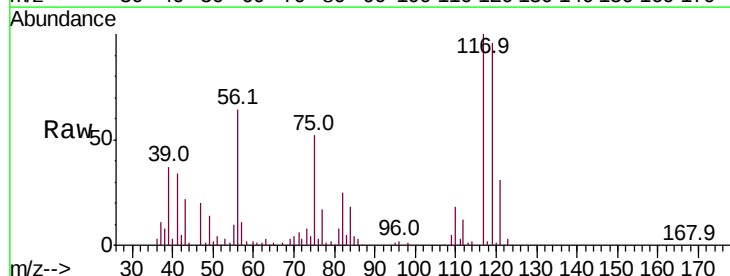


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

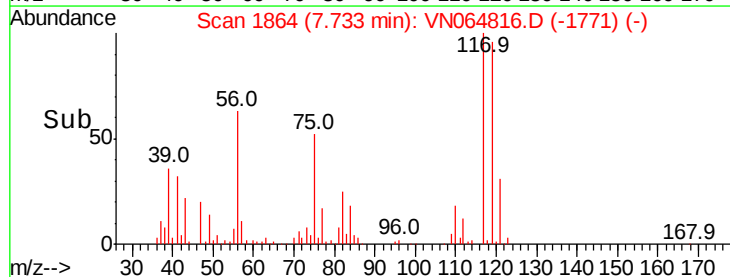
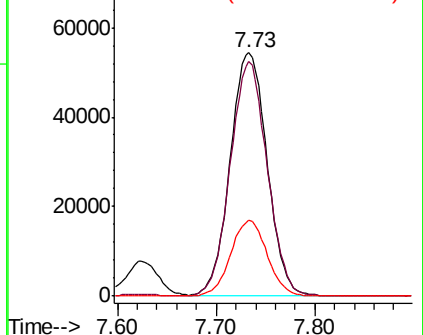


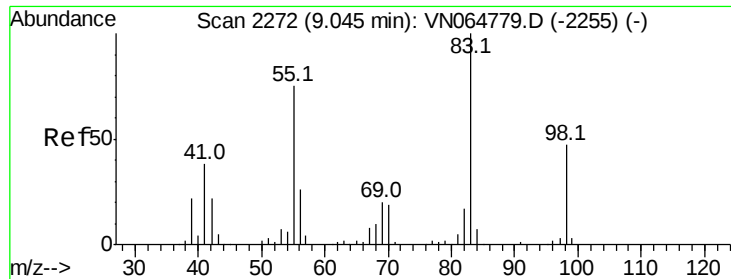
#38
Carbon Tetrachloride
Concen: 46.107 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064816.D
Acq: 24 Nov 2020 17:28

Tgt Ion: 117 Resp: 141670
Ion Ratio Lower Upper
117 100
119 96.3 76.7 115.1
121 31.2 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

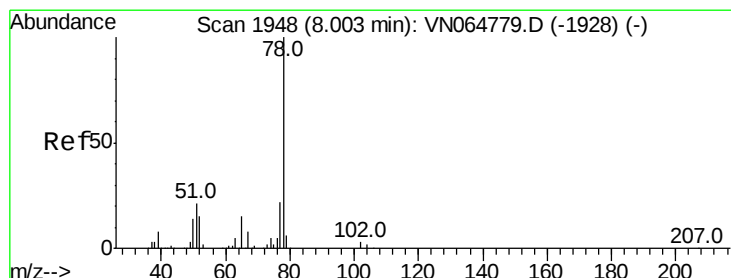
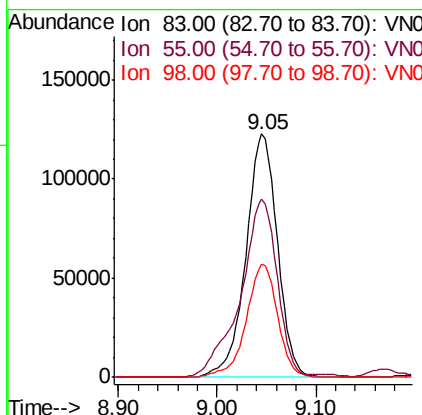
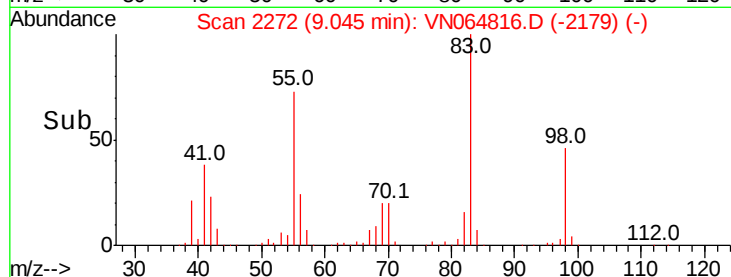
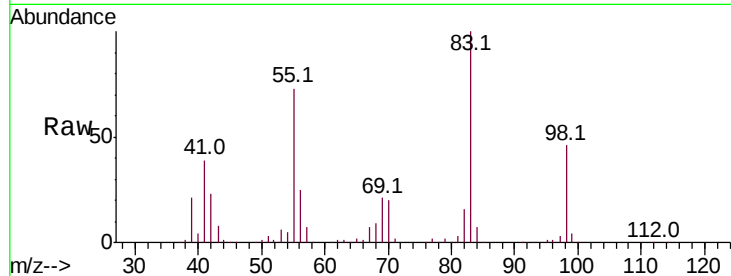




#39
Methvlcvclohexane
Concen: 85.218 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064816.D
Acq: 24 Nov 2020 17:28

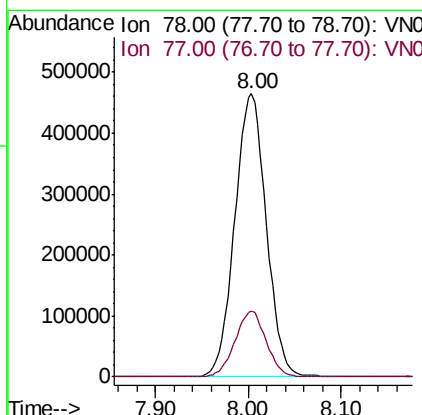
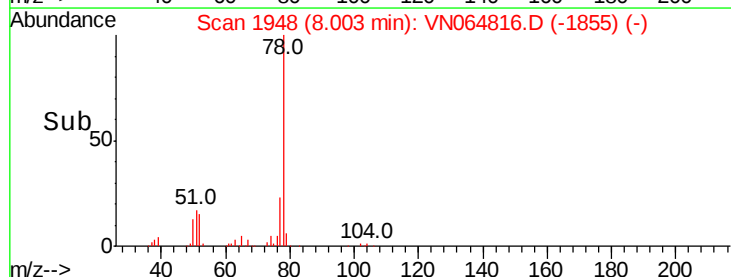
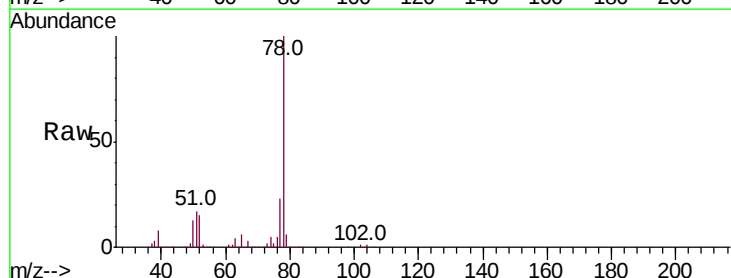
Instrument :
MSVOA_N
ClientSampled :
MW-2MS

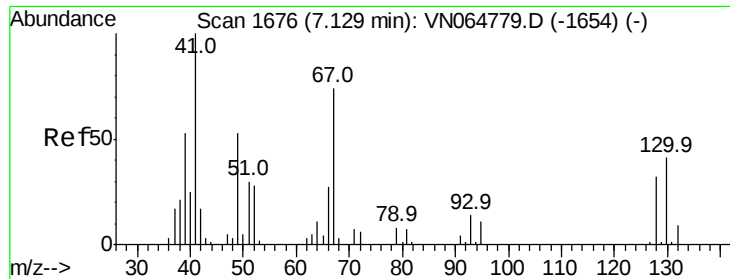
Tot Ion: 83 Resp: 270905
Ion Ratio Lower Upper
83 100
55 72.5 60.2 90.2
98 46.2 37.4 56.2



#40
Benzene
Concen: 121.019 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064816.D
Acq: 24 Nov 2020 17:28

Tgt Ion: 78 Resp: 1095113
Ion Ratio Lower Upper
78 100
77 23.1 17.9 26.9

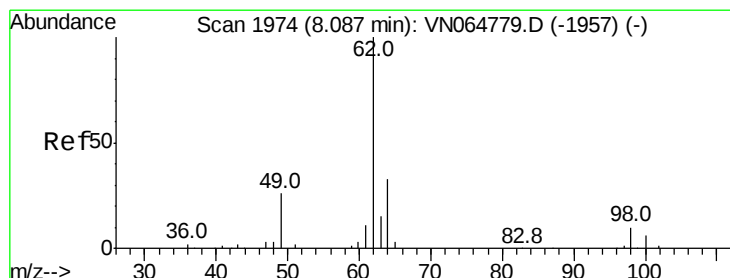
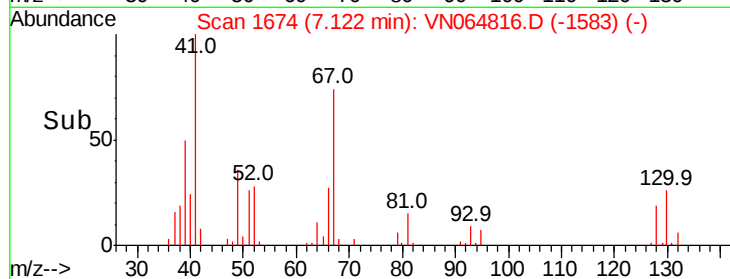
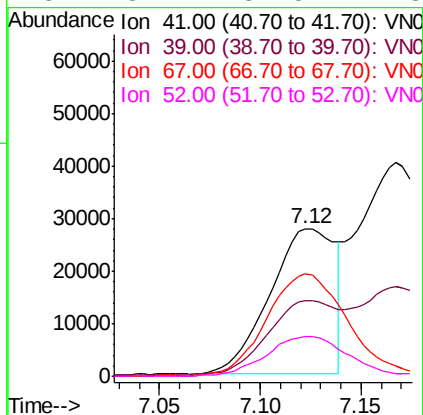
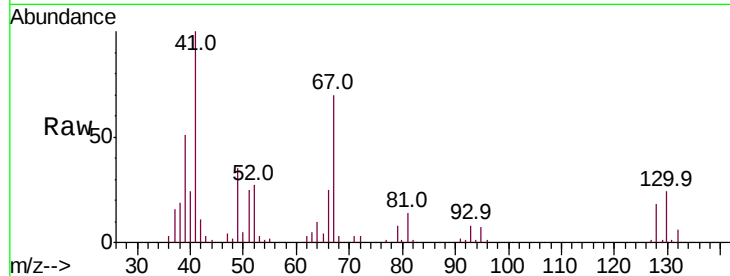




#41
Methacrylonitrile
Concen: 47.092 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064816.D
Acq: 24 Nov 2020 17:28

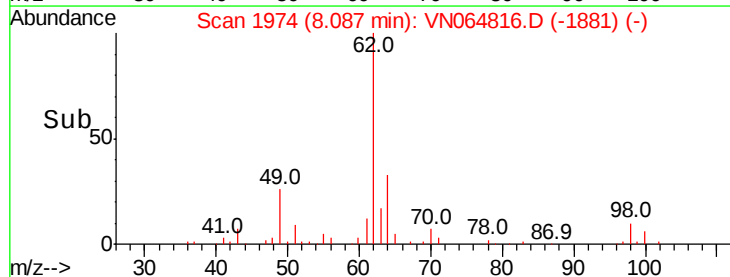
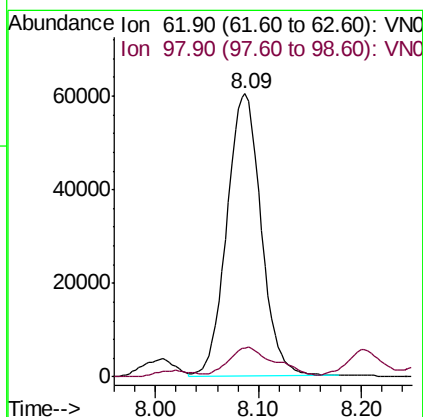
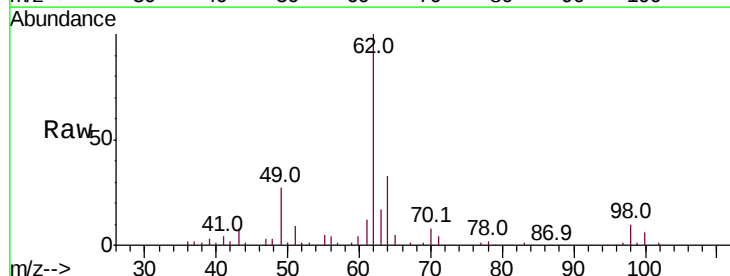
Instrument :
MSVOA_N
ClientSampled :
MW-2MS

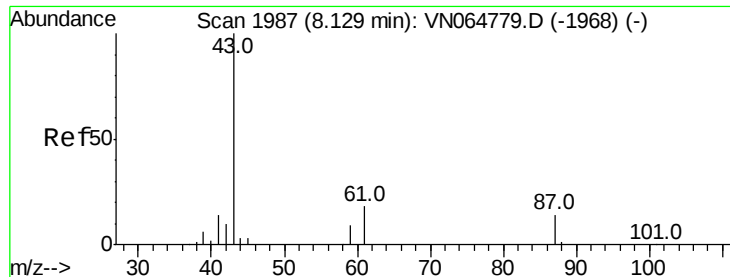
Tot Ion:	41	Resp:	61810
Ion	Ratio	Lower	Upper
41	100		
39	57.0	51.0	76.6
67	89.0	79.8	119.8
52	34.7	31.5	47.3



#42
1,2-Dichloroethane
Concen: 45.785 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064816.D
Acq: 24 Nov 2020 17:28

Tgt Ion:	62	Resp:	139767
Ion	Ratio	Lower	Upper
62	100		
98	12.9	0.0	19.6





#43

Isopropyl Acetate

Concen: 51.327 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

MW-2MS

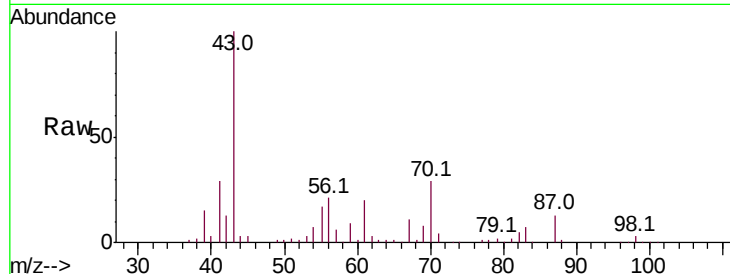
Tot Ion: 43 Resp: 234937

Ion Ratio Lower Upper

43 100

61 18.5 17.2 25.8

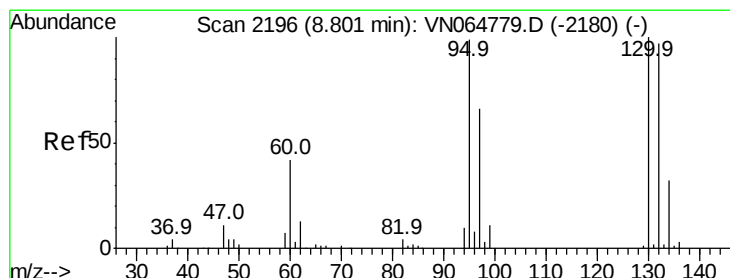
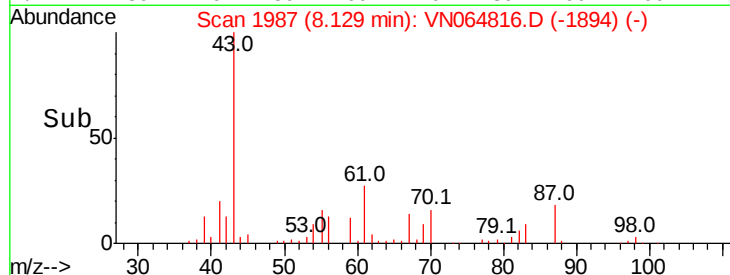
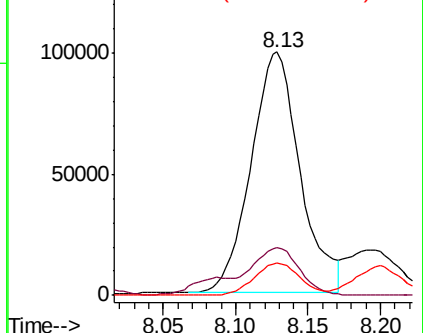
87 12.4 11.4 17.0



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: 44.902 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064816.D

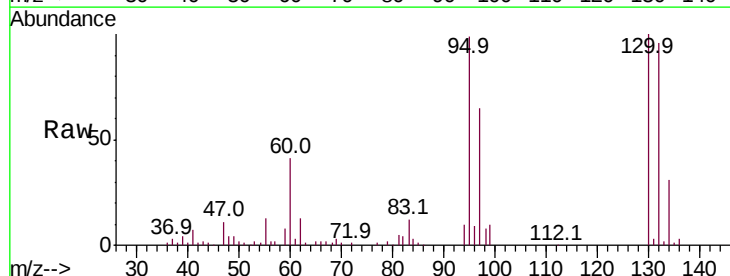
Acq: 24 Nov 2020 17:28

Tgt Ion:130 Resp: 119886

Ion Ratio Lower Upper

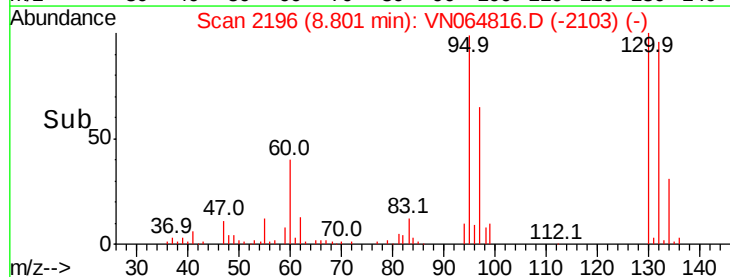
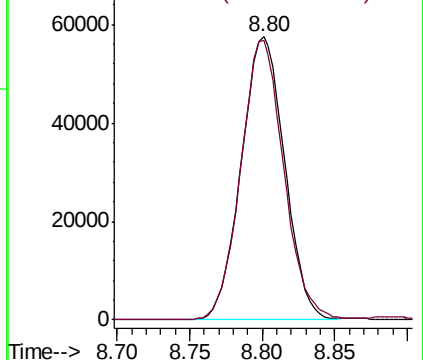
130 100

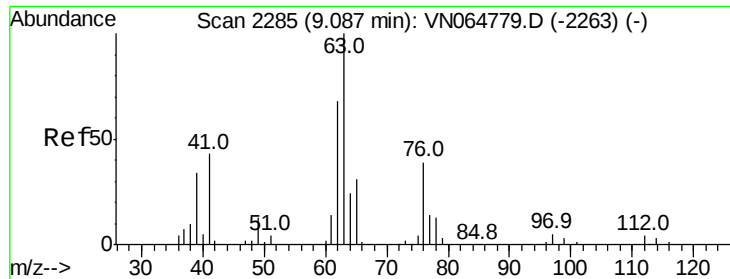
95 98.9 0.0 197.8



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

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

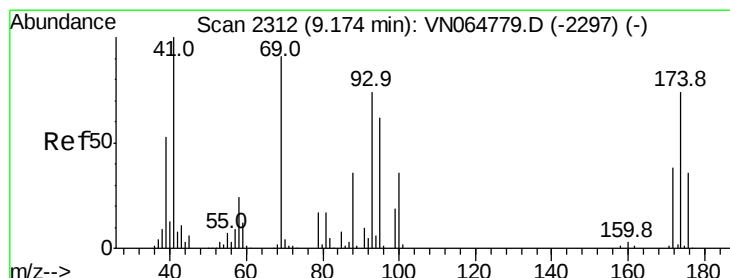
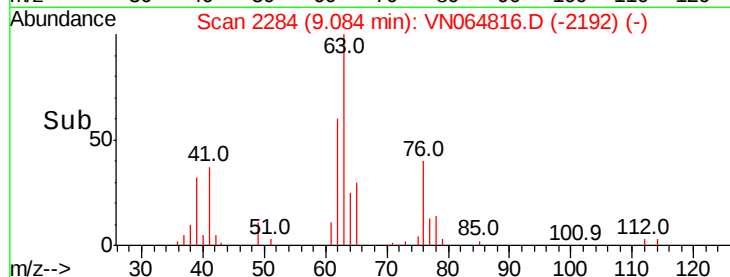
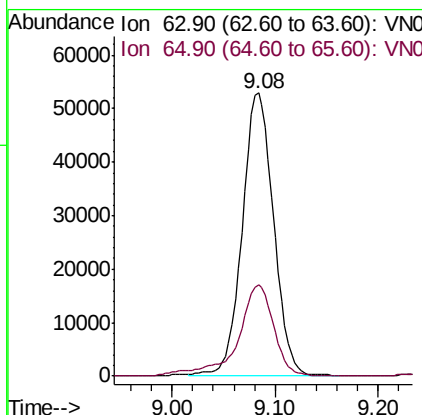
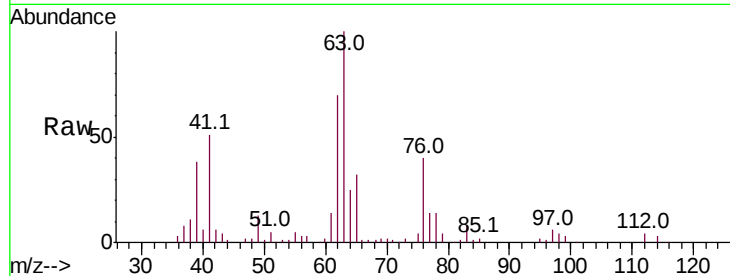




#45
 1,2-Dichloropropane
 Concen: 47.170 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064816.D
 Acq: 24 Nov 2020 17:28

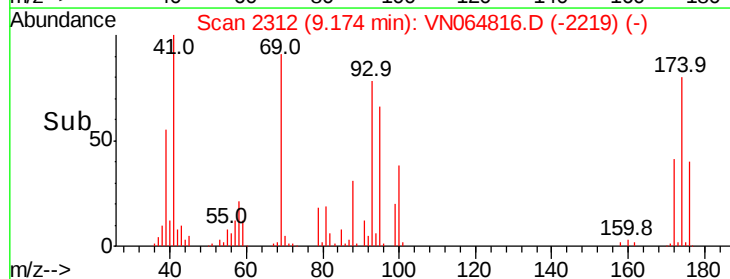
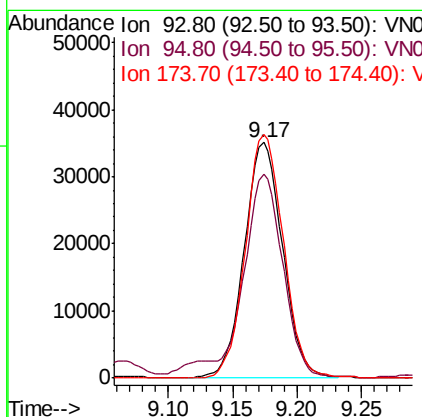
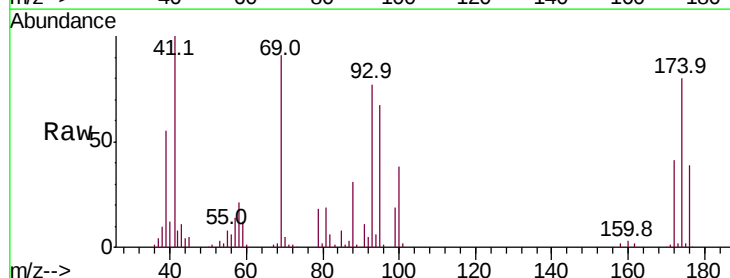
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2MS

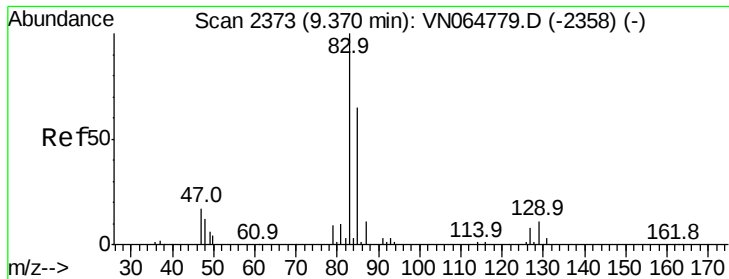
Tot Ion: 63 Resp: 110540
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.0 37.4



#46
 Dibromomethane
 Concen: 46.626 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064816.D
 Acq: 24 Nov 2020 17:28

Tgt Ion: 93 Resp: 72996
 Ion Ratio Lower Upper
 93 100
 95 86.9 68.8 103.2
 174 102.0 83.1 124.7





#47

Bromodichloromethane

Concen: 50.124 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

MW-2MS

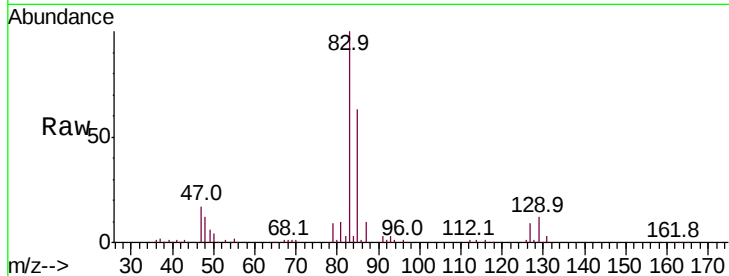
Tot Ion: 83 Resp: 157897

Ion Ratio Lower Upper

83 100

85 62.3 51.8 77.8

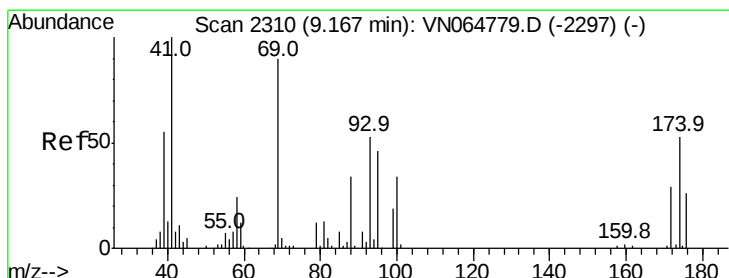
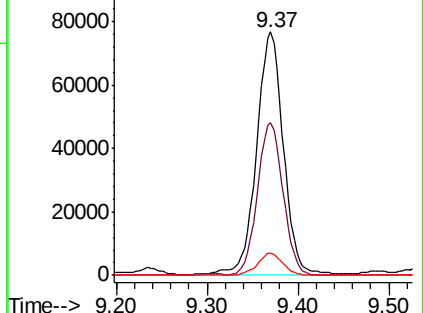
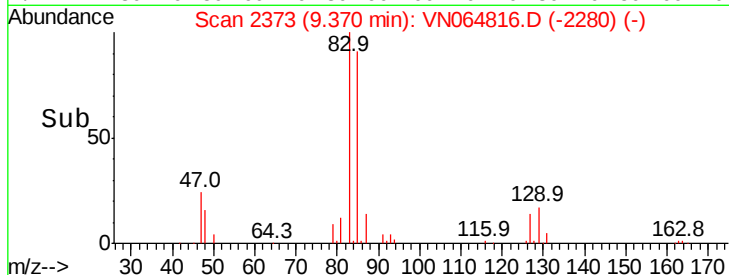
127 9.3 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064816.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064816.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064816.D (-2280) (-)



#48

Methyl methacrylate

Concen: 44.224 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

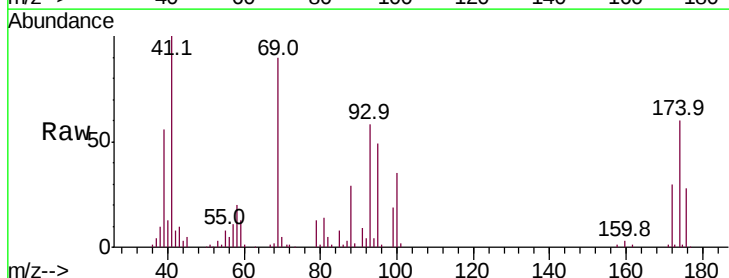
Tgt Ion: 41 Resp: 96726

Ion Ratio Lower Upper

41 100

69 94.4 71.8 107.8

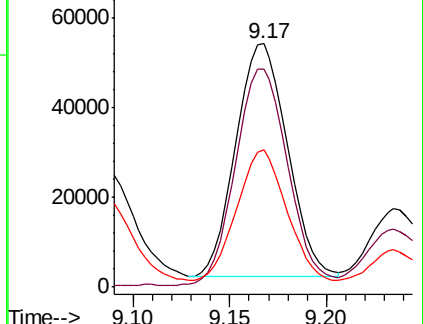
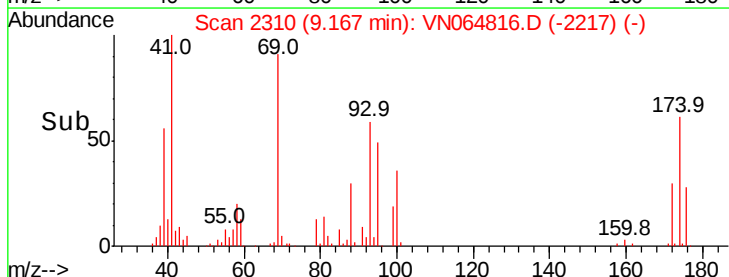
39 53.5 44.1 66.1

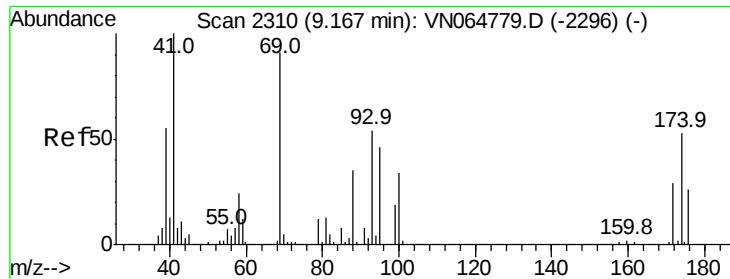


Abundance Ion 41.00 (40.70 to 41.70): VN064816.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064816.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064816.D (-2217) (-)





#49

1,4-Dioxane

Concen: 795.321 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

MW-2MS

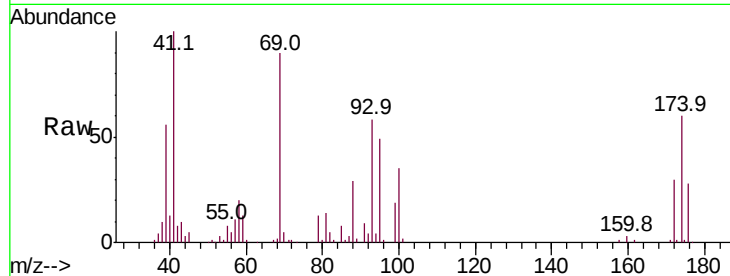
Tot Ion: 88 Resp: 32877

Ion Ratio Lower Upper

88 100

43 23.6 24.2 36.4#

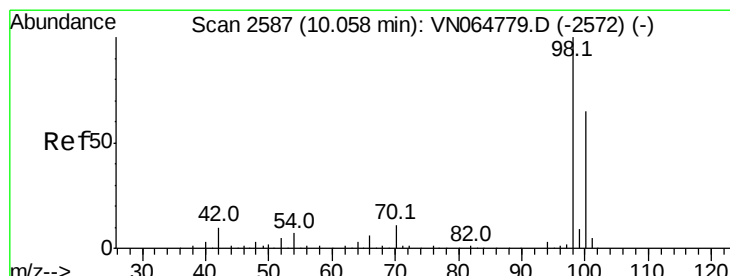
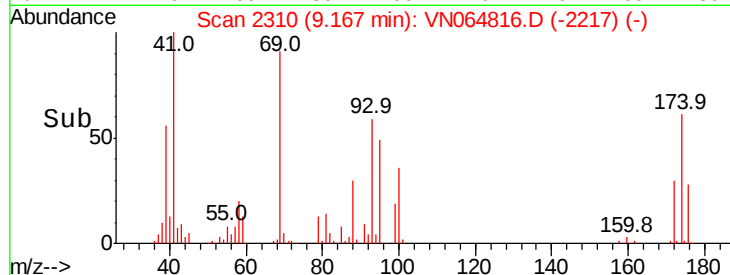
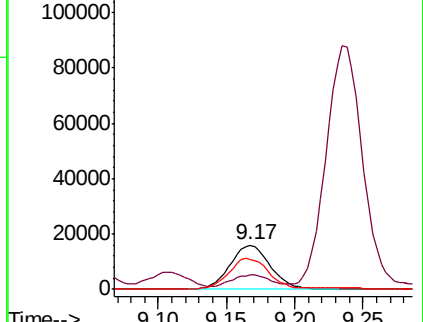
58 67.4 52.5 78.7



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: 47.088 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064816.D

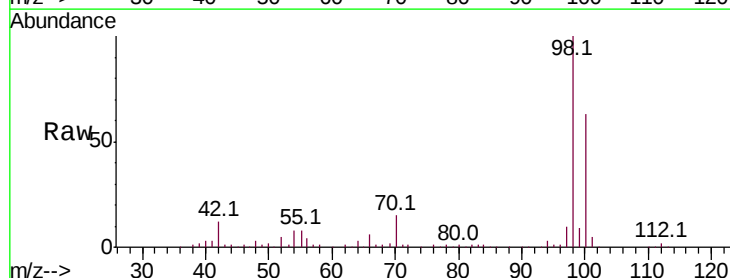
Acq: 24 Nov 2020 17:28

Tgt Ion: 98 Resp: 366775

Ion Ratio Lower Upper

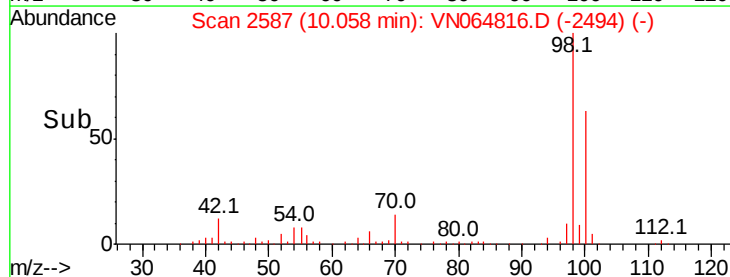
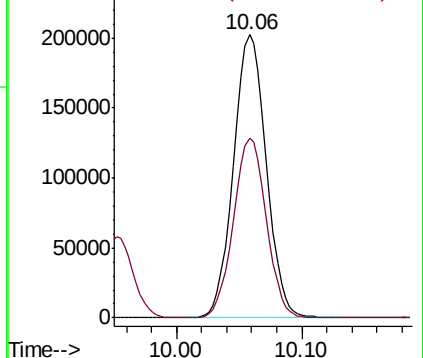
98 100

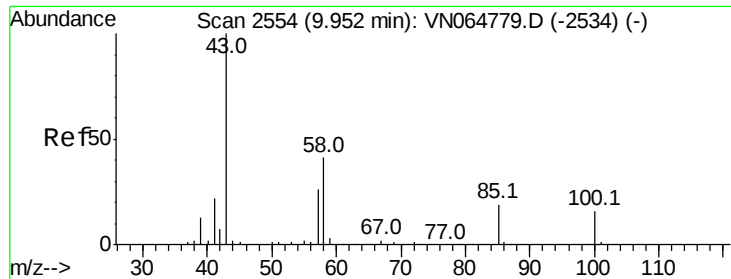
100 63.5 51.7 77.5



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: 228.633 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

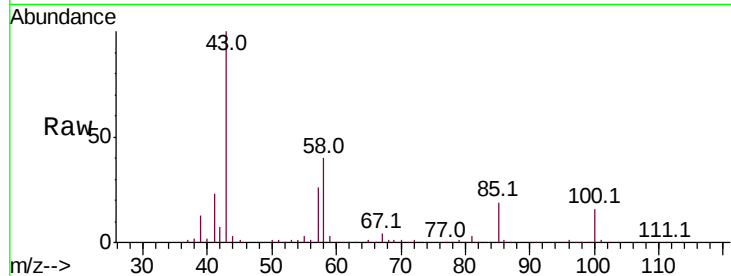
MW-2MS

Tot Ion: 43 Resp: 628269

Ion Ratio Lower Upper

43 100

58 40.6 32.4 48.6



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

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

9.95

400000

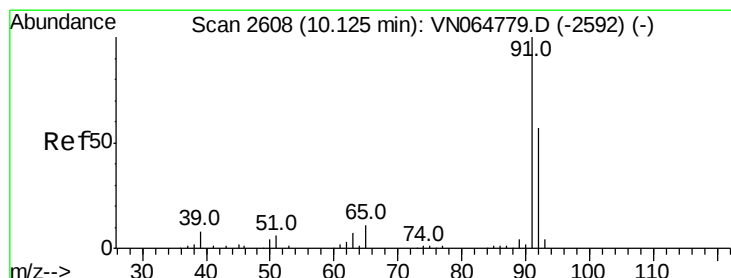
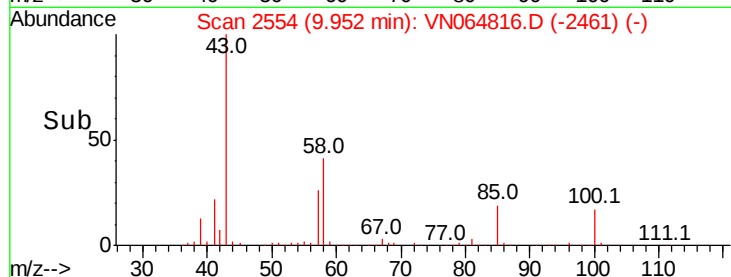
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.966 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064816.D

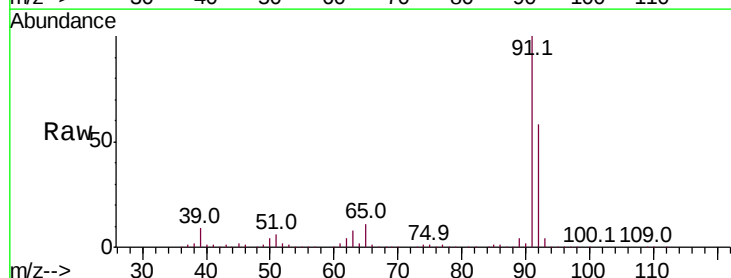
Acq: 24 Nov 2020 17:28

Tgt Ion: 92 Resp: 289598

Ion Ratio Lower Upper

92 100

91 171.9 139.1 208.7



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

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

10.12

300000

250000

200000

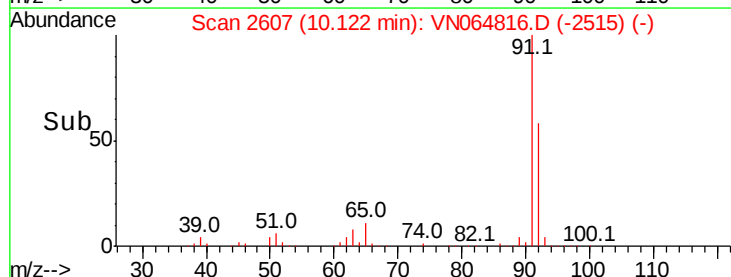
150000

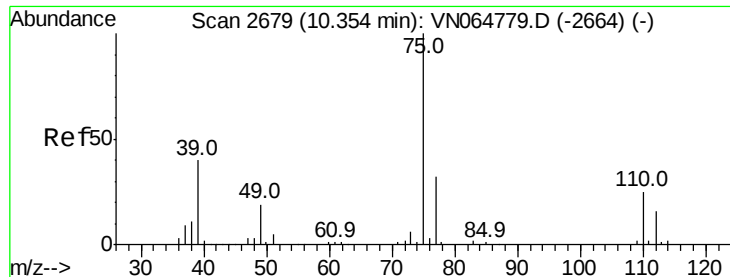
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 46.005 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampled :

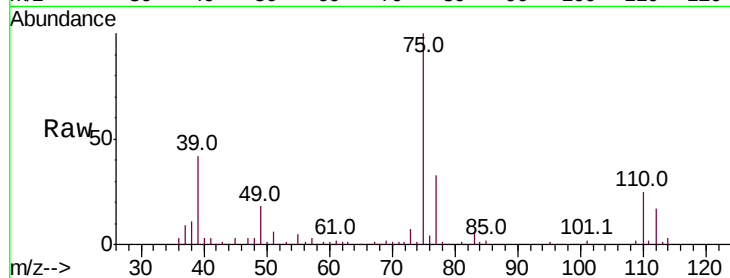
MW-2MS

Tot Ion: 75 Resp: 161411

Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

80000

60000

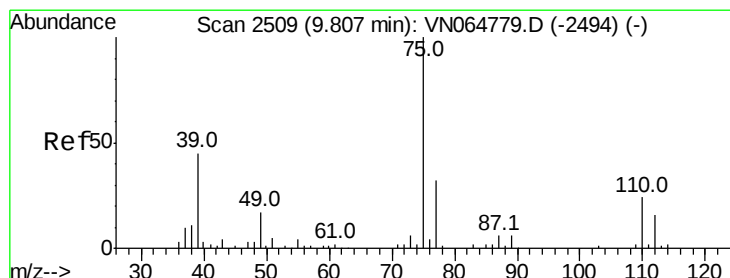
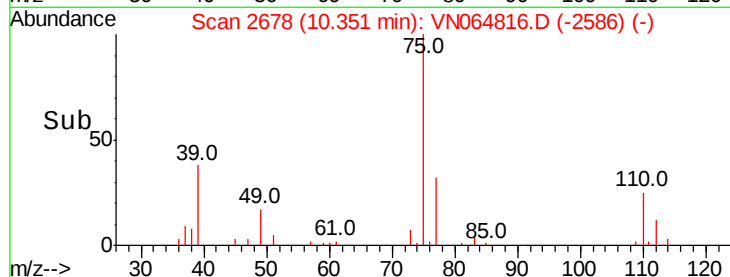
40000

20000

0

10.30 10.40

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.046 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

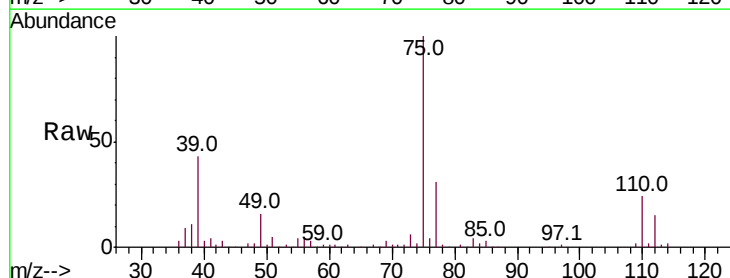
Tgt Ion: 75 Resp: 176928

Ion Ratio Lower Upper

75 100

77 30.9 25.5 38.3

39 42.5 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

9.81

120000

100000

80000

60000

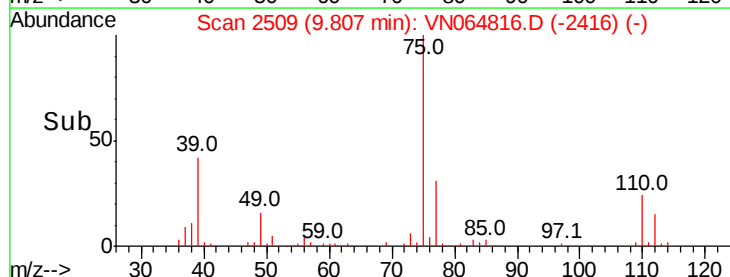
40000

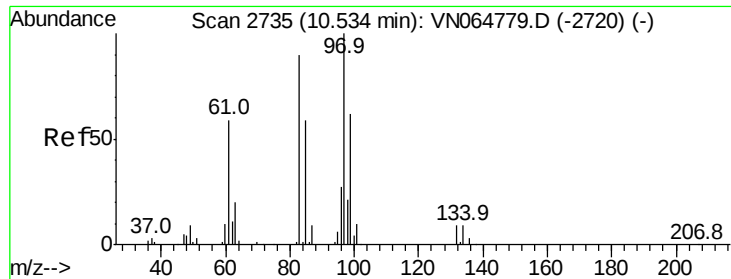
20000

0

9.75 9.80 9.85 9.90

Time-->





#55

1,1,2-Trichloroethane

Concen: 61.418 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

MW-2MS

Tot Ion: 97 Resp: 140745

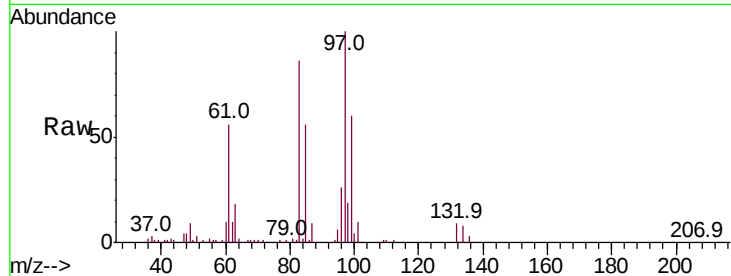
Ion Ratio Lower Upper

97 100

83 86.1 72.1 108.1

85 56.4 46.8 70.2

99 59.6 49.6 74.4

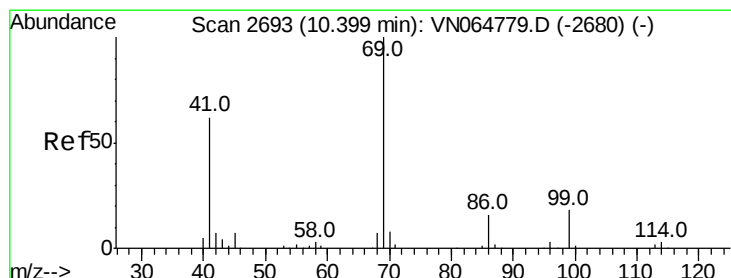
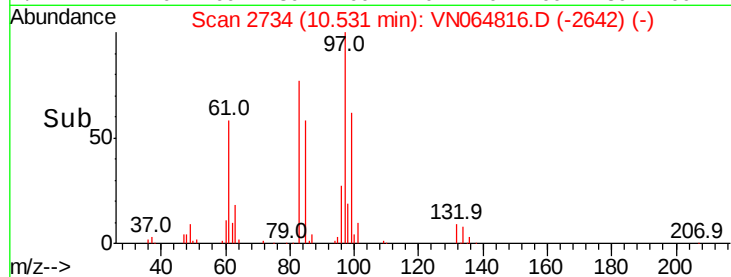
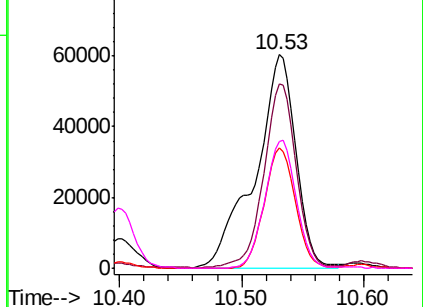


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 49.685 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

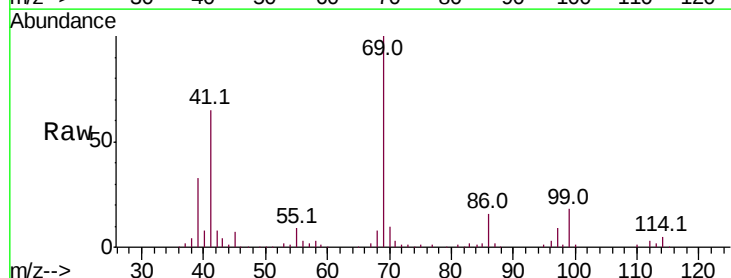
Tgt Ion: 69 Resp: 157120

Ion Ratio Lower Upper

69 100

41 61.6 49.4 74.0

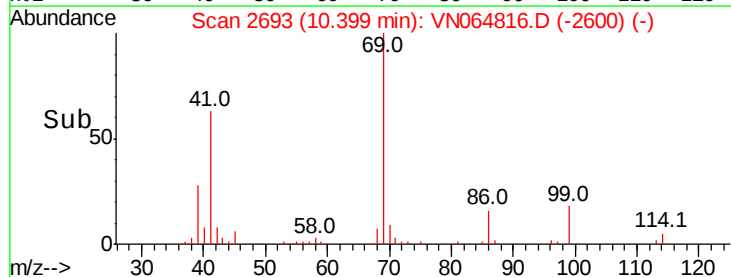
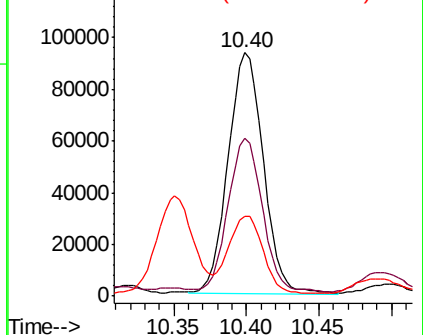
39 31.9 25.9 38.9

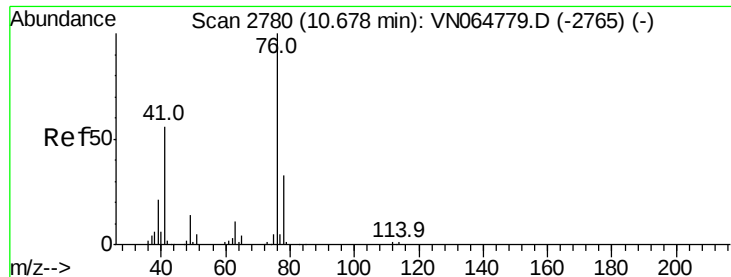


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 47.545 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampled :

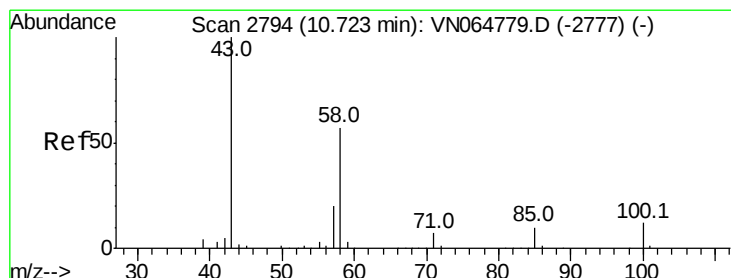
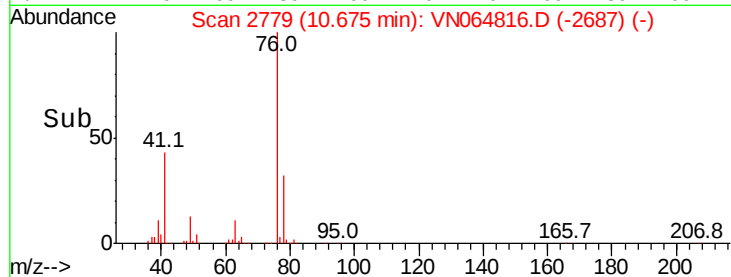
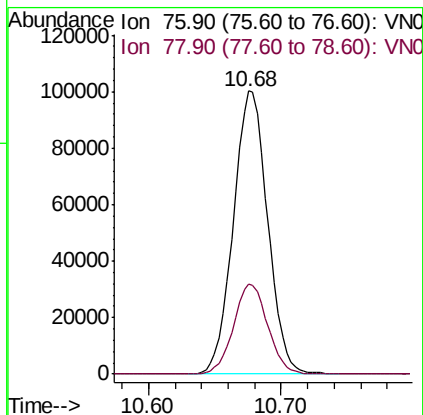
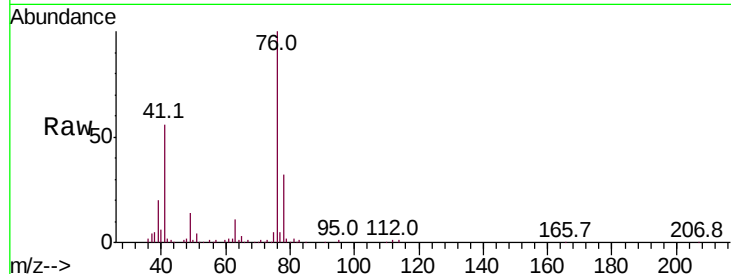
MW-2MS

Tot Ion: 76 Resp: 179728

Ion Ratio Lower Upper

76 100

78 31.8 26.1 39.1



#59

2-Hexanone

Concen: 232.436 ug/l

RT: 10.72 min Scan# 2793

Delta R.T. -0.00 min

Lab File: VN064816.D

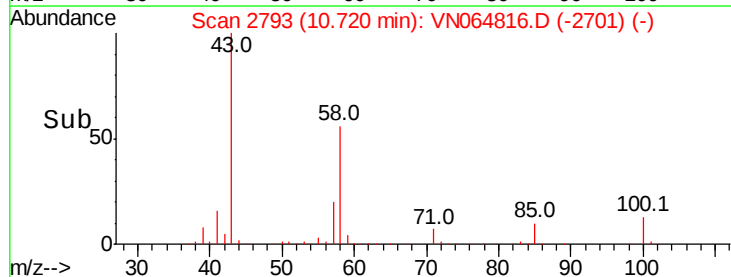
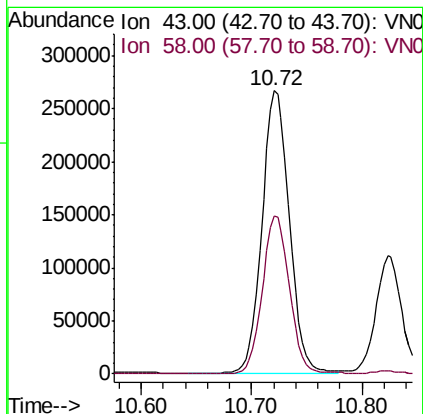
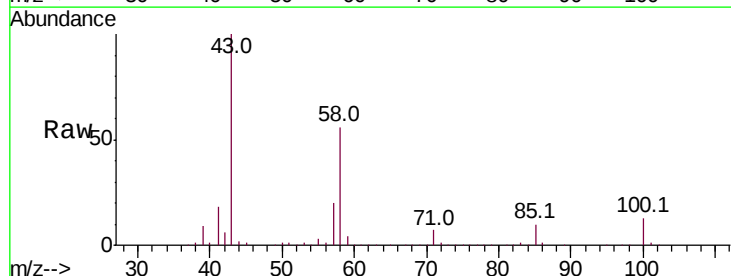
Acq: 24 Nov 2020 17:28

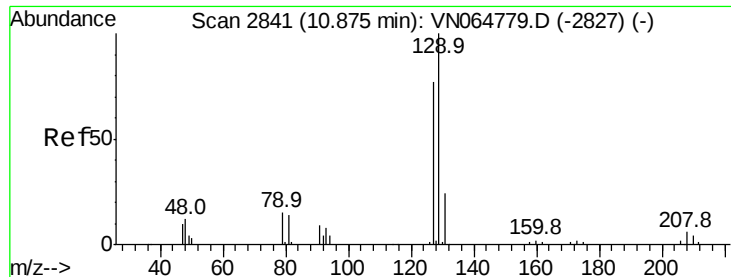
Tgt Ion: 43 Resp: 459676

Ion Ratio Lower Upper

43 100

58 55.3 28.3 84.9

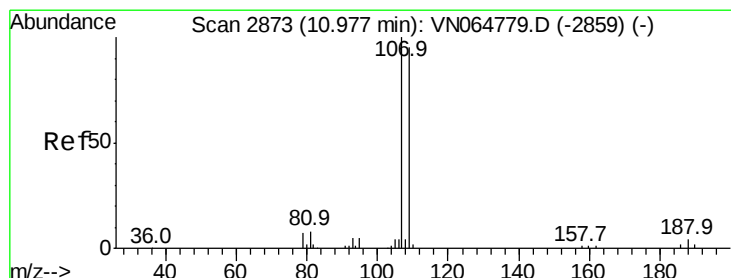
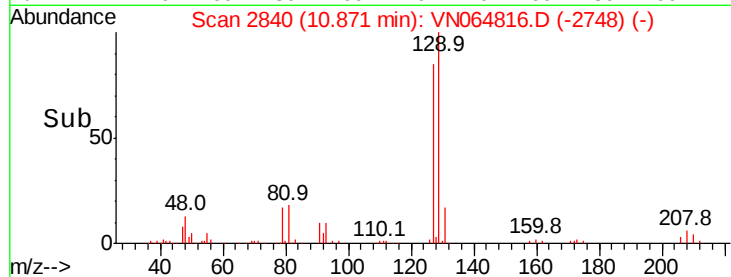
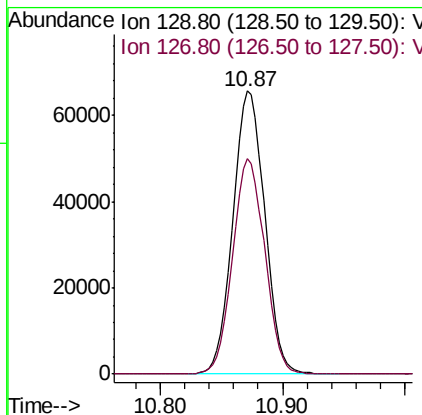
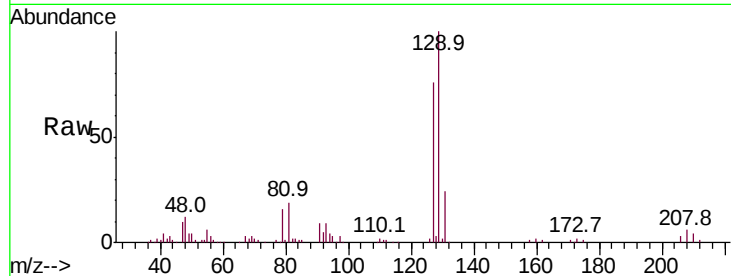




#60
Dibromochloromethane
Concen: 46.699 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064816.D
Acq: 24 Nov 2020 17:28

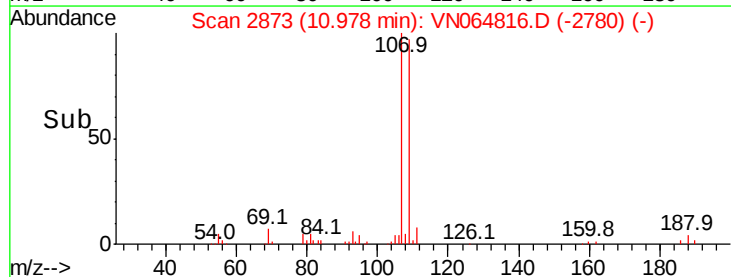
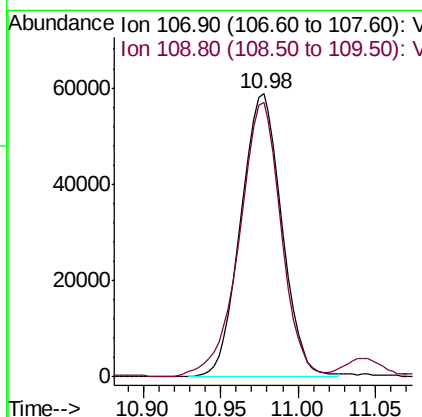
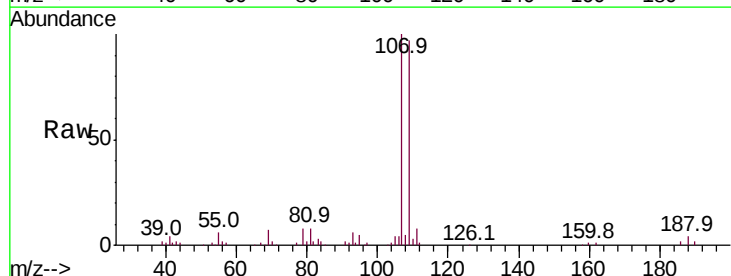
Instrument :
MSVOA_N
ClientSampleId :
MW-2MS

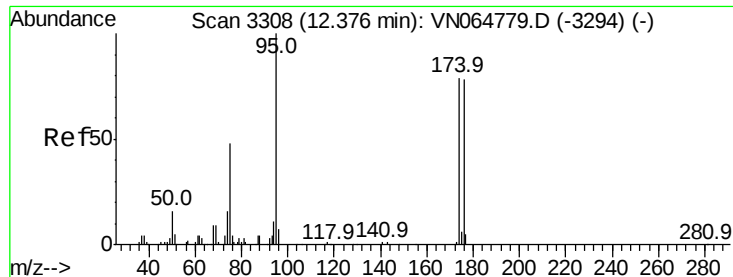
Tot Ion:129 Resp: 118957
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2



#61
1,2-Dibromoethane
Concen: 46.530 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN064816.D
Acq: 24 Nov 2020 17:28

Tgt Ion:107 Resp: 108331
Ion Ratio Lower Upper
107 100
109 99.1 76.0 114.0





#62

4-Bromofluorobenzene

Concen: 47.491 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampled :

MW-2MS

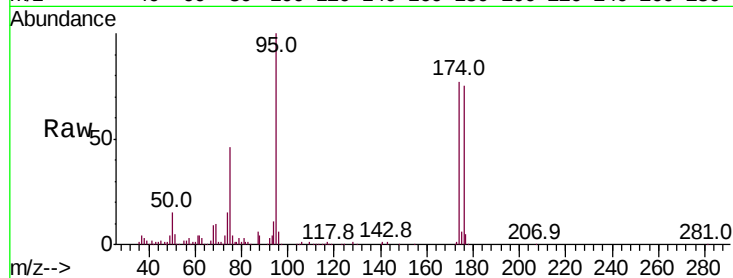
Tot Ion: 95 Resp: 132387

Ion Ratio Lower Upper

95 100

174 78.7 0.0 160.4

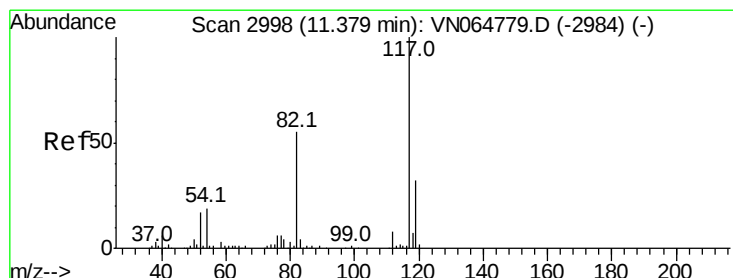
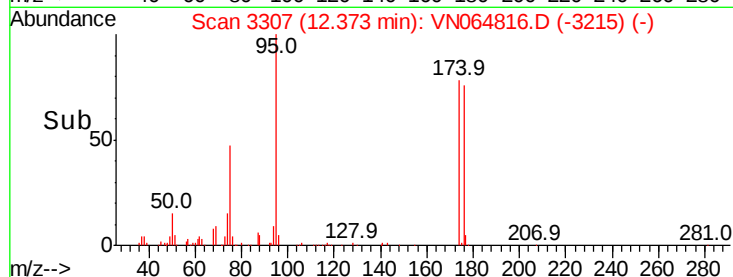
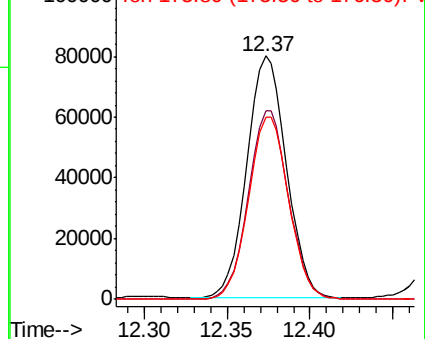
176 76.4 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064779.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

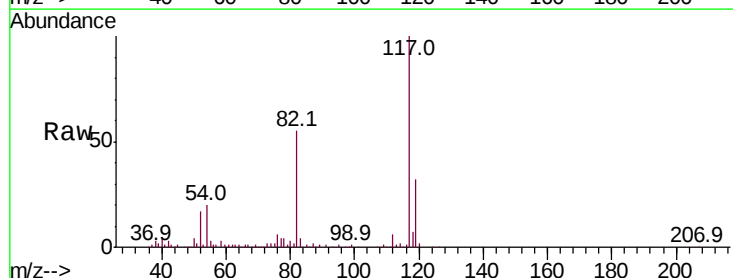
Tgt Ion: 117 Resp: 284003

Ion Ratio Lower Upper

117 100

82 54.8 44.2 66.2

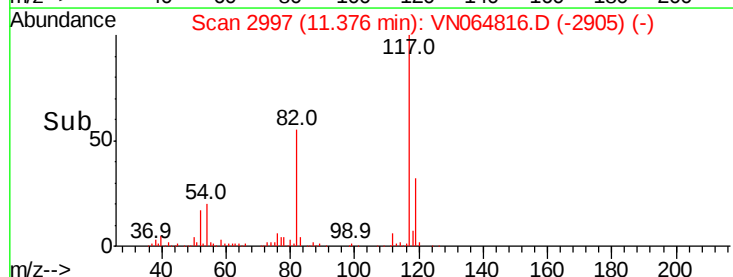
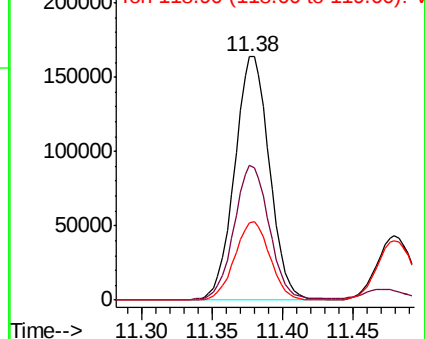
119 31.6 25.8 38.6

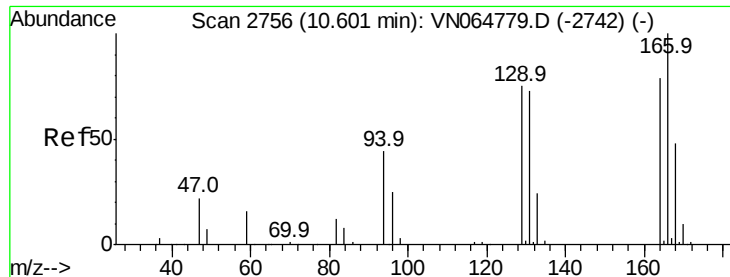


Abundance Ion 116.90 (116.60 to 117.60): VN064779.D (-2984) (-)

Ion 82.00 (81.70 to 82.70): VN064779.D (-2984) (-)

Ion 118.90 (118.60 to 119.60): VN064779.D (-2984) (-)





#64

Tetrachloroethene

Concen: 42.725 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

MW-2MS

Tot Ion:164 Resp: 118051

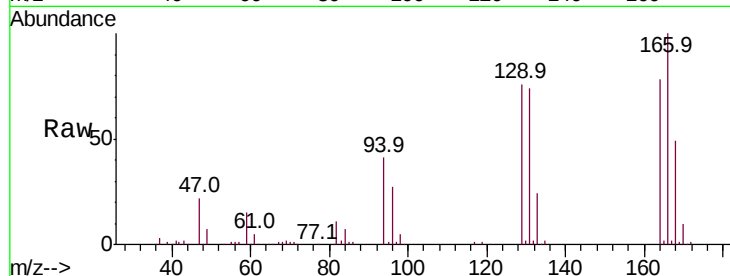
Ion Ratio Lower Upper

164 100

166 127.6 101.4 152.0

129 96.5 76.1 114.1

131 93.9 74.2 111.2

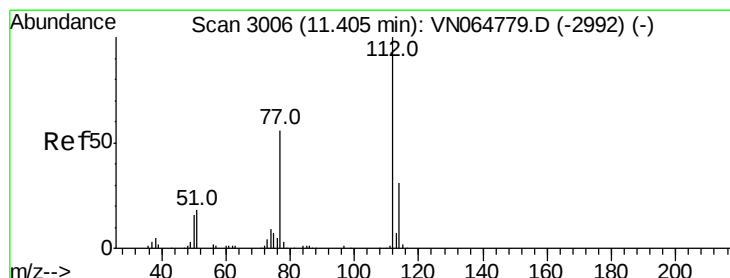
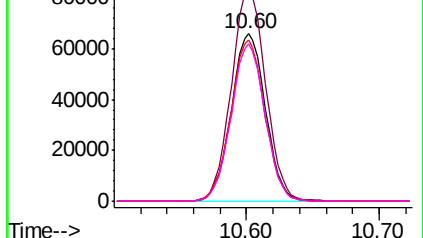
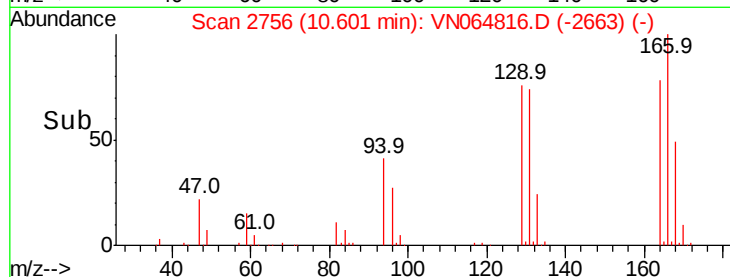


Abundance Ion 163.80 (163.50 to 164.50): V

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: 47.933 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VN064816.D

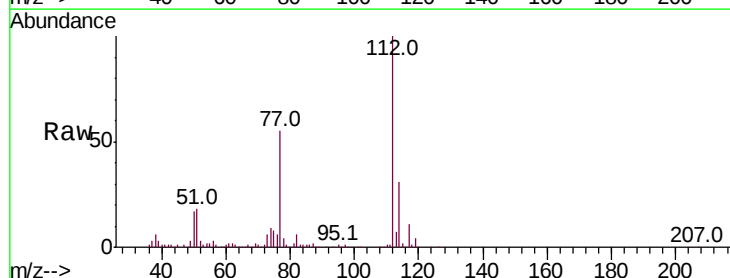
Acq: 24 Nov 2020 17:28

Tgt Ion:112 Resp: 292339

Ion Ratio Lower Upper

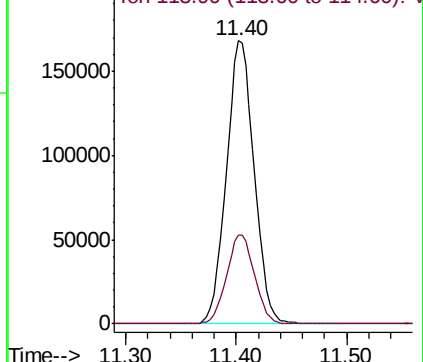
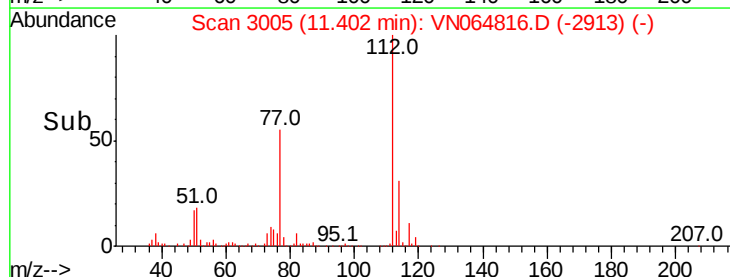
112 100

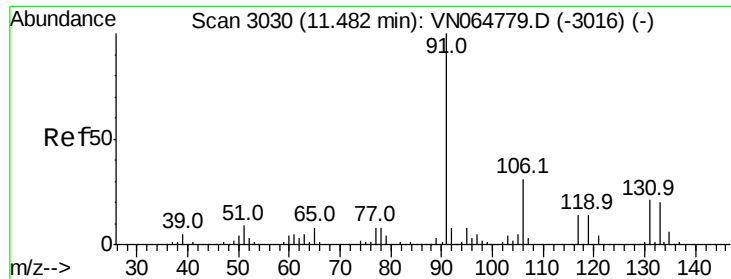
114 31.5 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

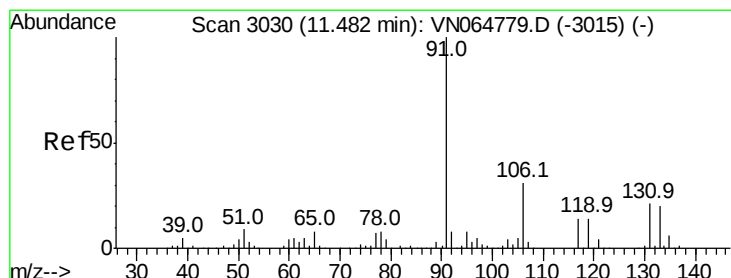
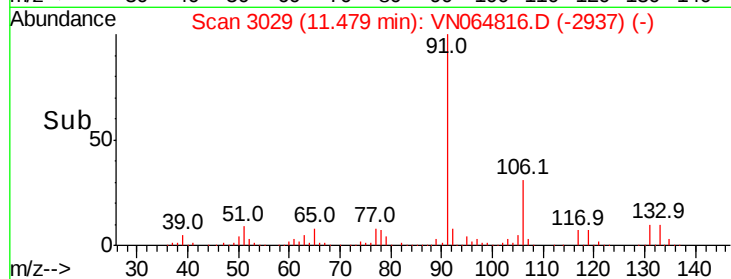
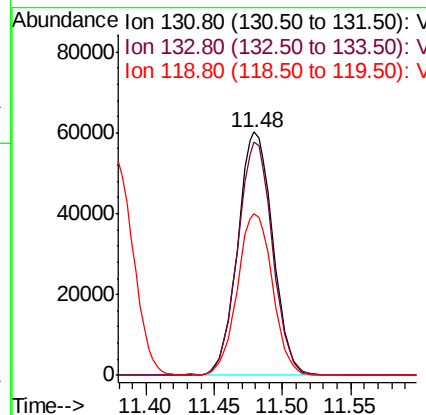
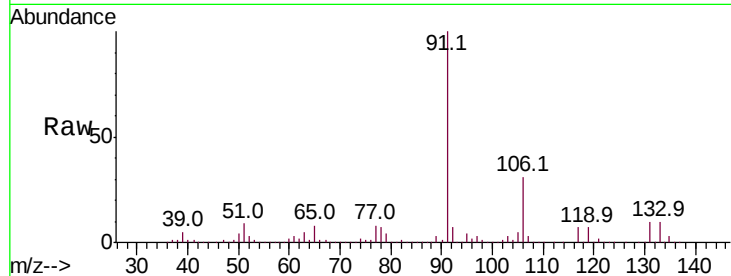




#66
 1,1,1,2-Tetrachloroethane
 Concen: 47.709 ug/l
 RT: 11.48 min Scan# 3029
 Delta R.T. -0.00 min
 Lab File: VN064816.D
 Acq: 24 Nov 2020 17:28

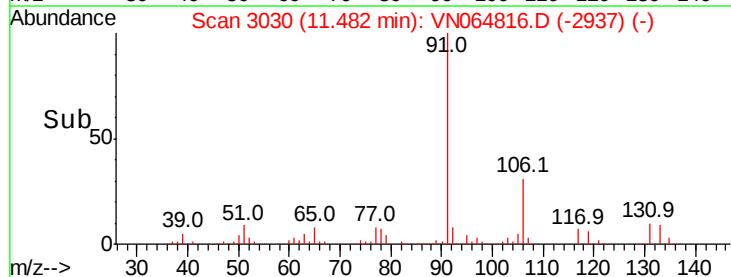
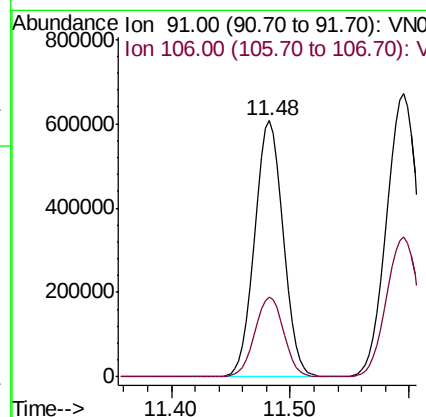
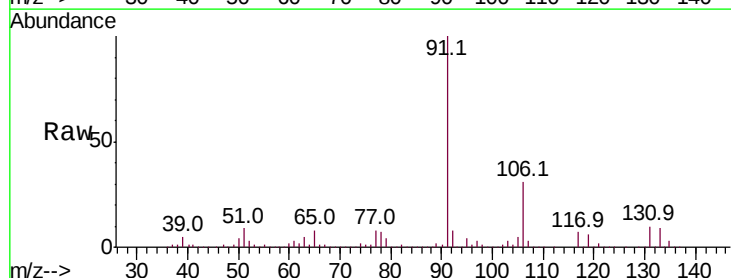
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2MS

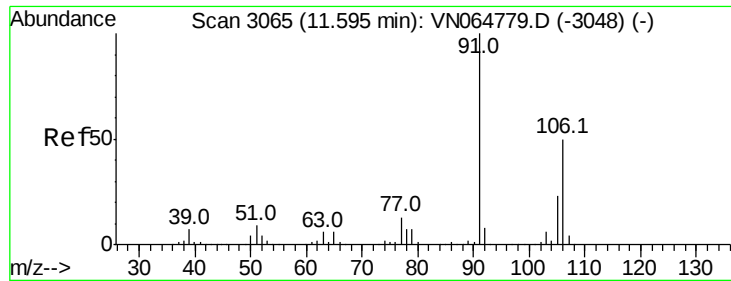
Tot Ion:131 Resp: 106932
 Ion Ratio Lower Upper
 131 100
 133 95.6 47.5 142.5
 119 66.8 33.3 99.8



#67
 Ethyl Benzene
 Concen: 99.210 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. 0.00 min
 Lab File: VN064816.D
 Acq: 24 Nov 2020 17:28

Tgt Ion: 91 Resp: 1010811
 Ion Ratio Lower Upper
 91 100
 106 31.2 25.2 37.8

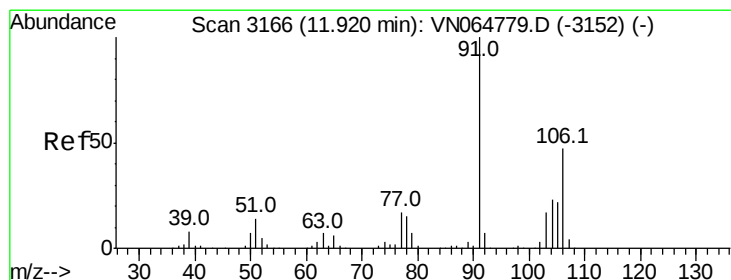
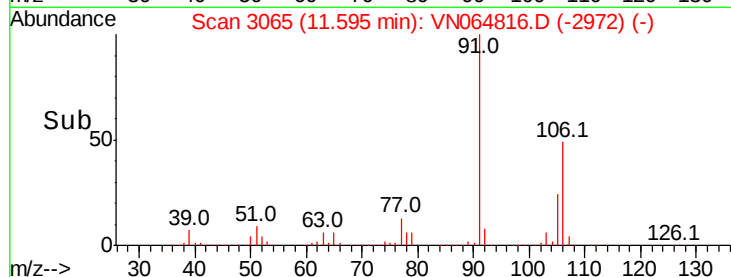
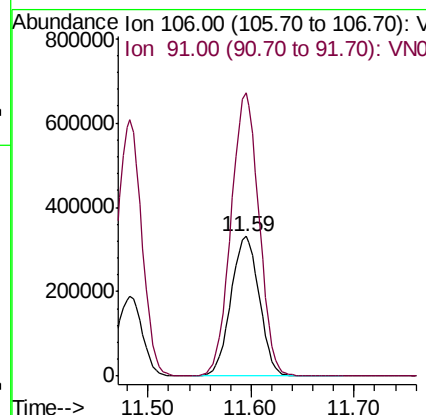
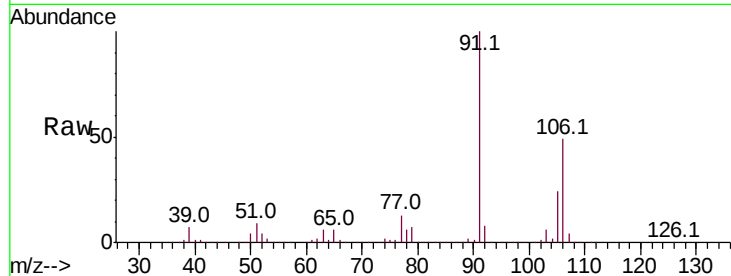




#68
m/p-Xylenes
Concen: 164.659 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064816.D
Acq: 24 Nov 2020 17:28

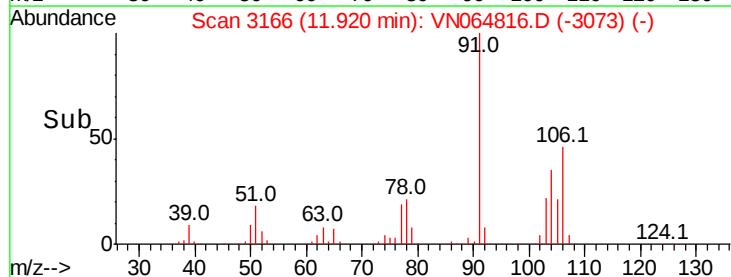
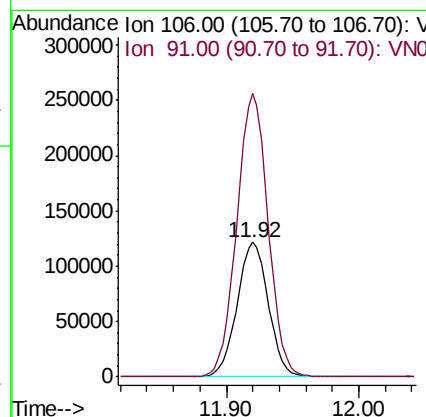
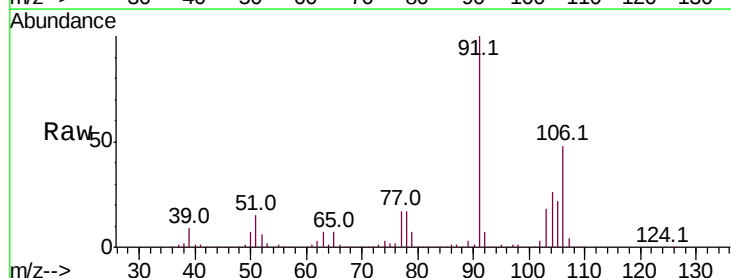
Instrument :
MSVOA_N
ClientSampleId :
MW-2MS

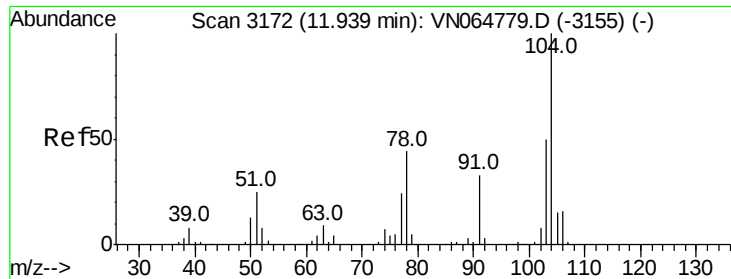
Tot Ion:106 Resp: 635171
Ion Ratio Lower Upper
106 100
91 200.2 161.0 241.4



#69
o-Xylene
Concen: 54.205 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064816.D
Acq: 24 Nov 2020 17:28

Tgt Ion:106 Resp: 198421
Ion Ratio Lower Upper
106 100
91 210.6 105.5 316.5

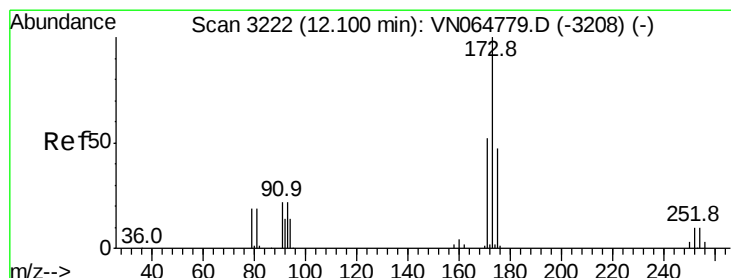
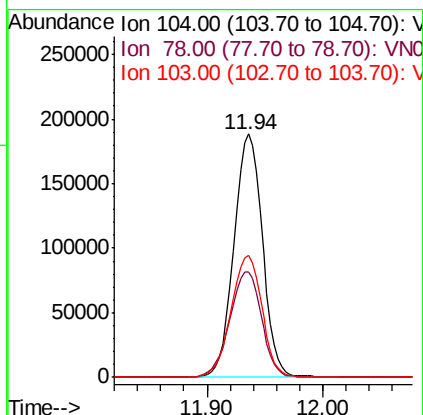
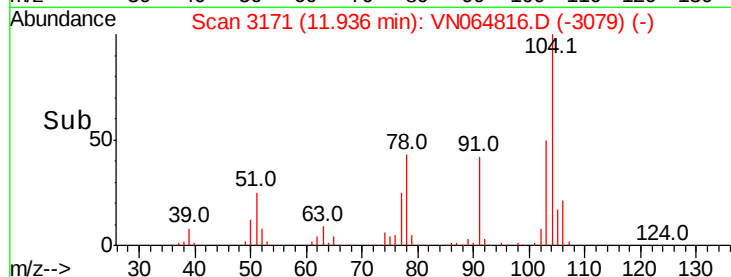
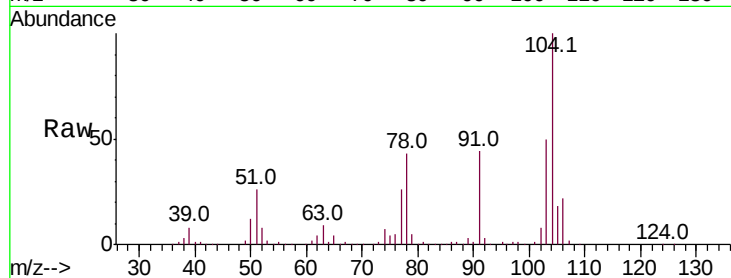




#70
Stvrene
Concen: 51.932 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064816.D
Acq: 24 Nov 2020 17:28

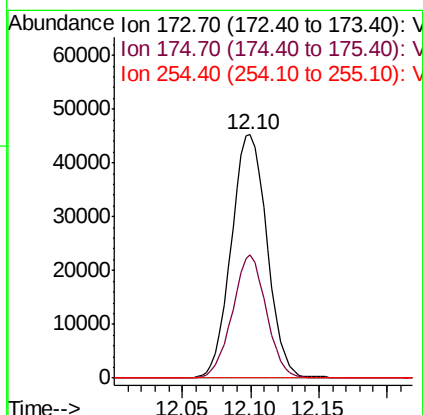
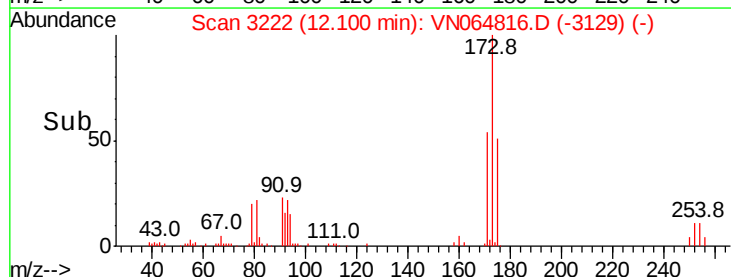
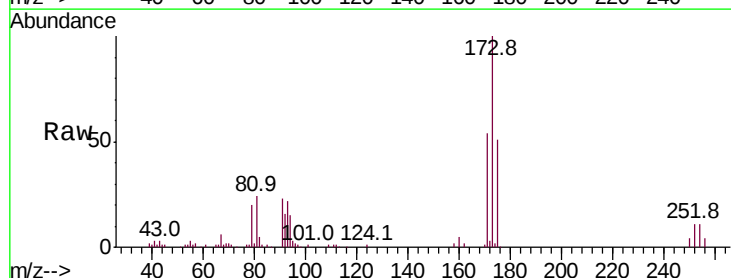
Instrument :
MSVOA_N
ClientSampled :
MW-2MS

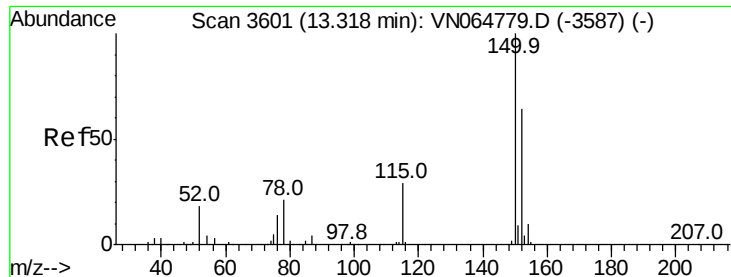
Tot Ion:104 Resp: 320922
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.6
103 54.4 44.3 66.5



#71
Bromoform
Concen: 46.004 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064816.D
Acq: 24 Nov 2020 17:28

Tgt Ion:173 Resp: 82355
Ion Ratio Lower Upper
173 100
175 48.0 24.3 72.8
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

MW-2MS

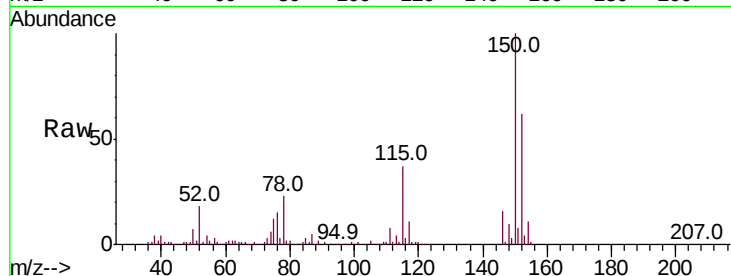
Tot Ion:152 Resp: 139030

Ion Ratio Lower Upper

152 100

115 70.0 29.7 89.1

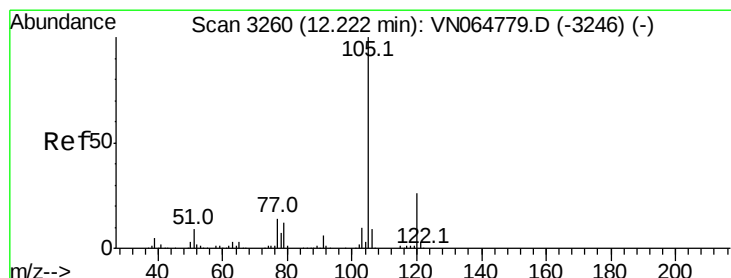
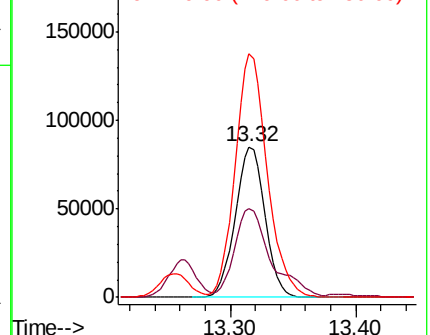
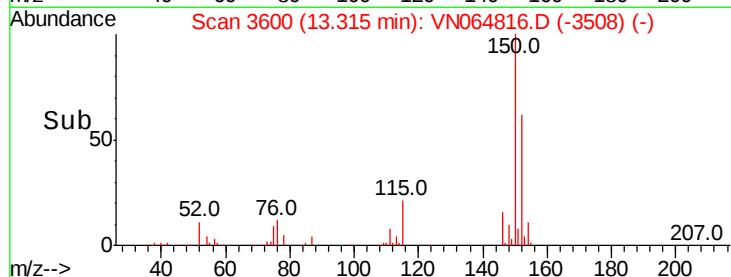
150 175.3 0.0 350.6



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: 77.331 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064816.D

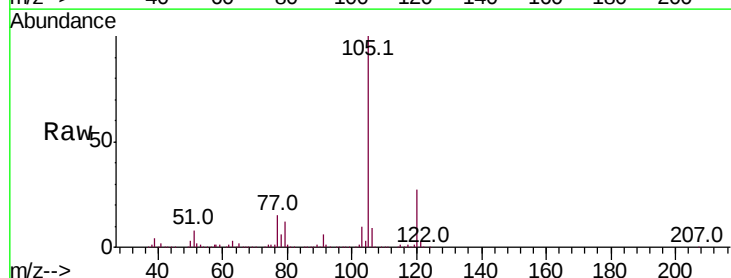
Acq: 24 Nov 2020 17:28

Tgt Ion:105 Resp: 747827

Ion Ratio Lower Upper

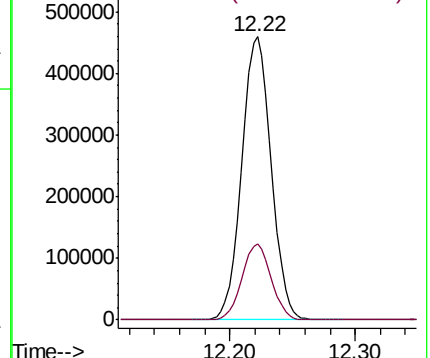
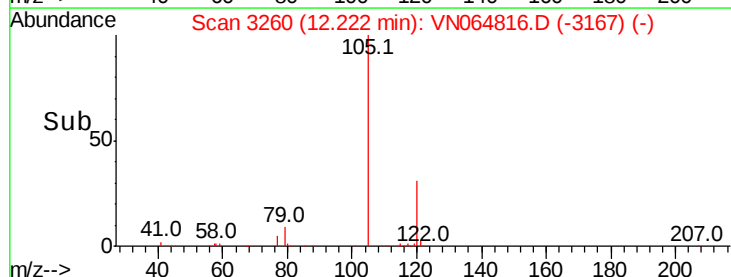
105 100

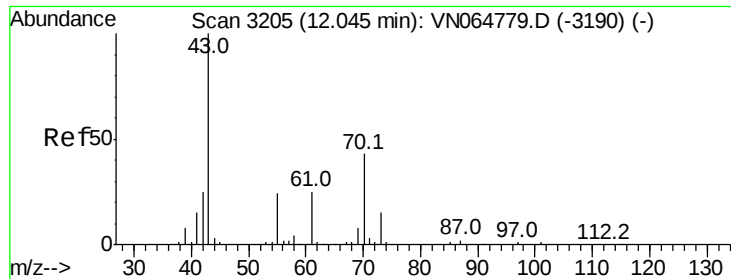
120 26.8 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 47.816 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

MW-2MS

Tot Ion: 43 Resp: 181972

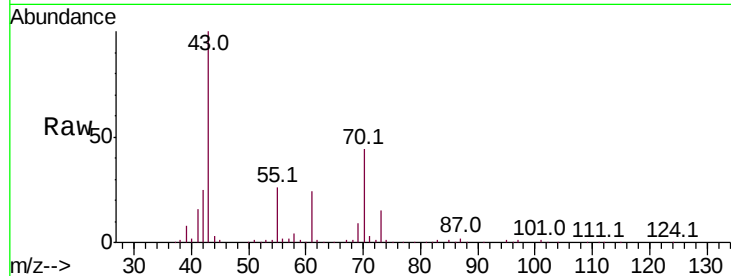
Ion Ratio Lower Upper

43 100

70 44.3 34.5 51.7

55 25.0 20.4 30.6

61 24.8 20.0 30.0

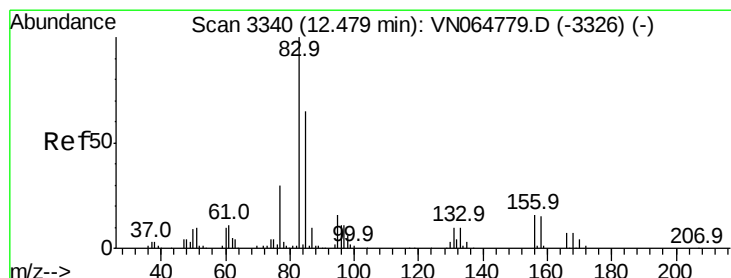
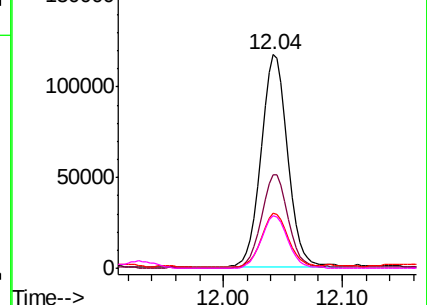
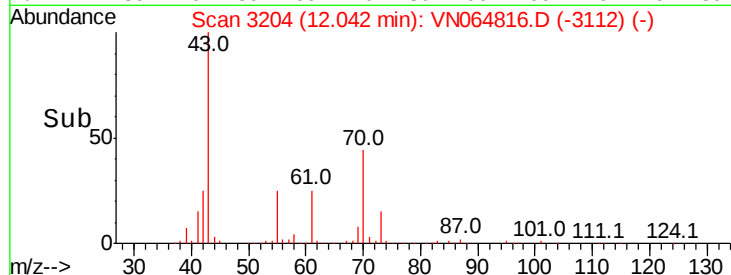


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 49.677 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

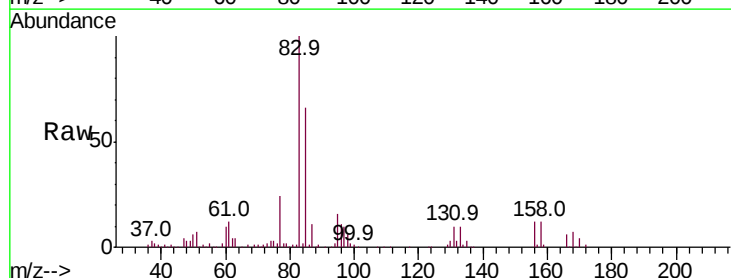
Tgt Ion: 83 Resp: 140808

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

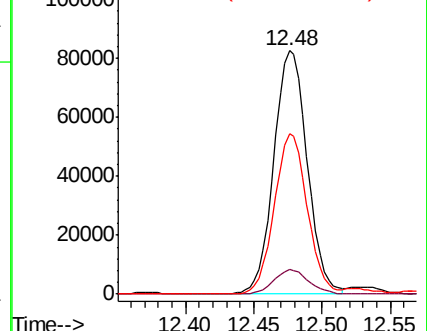
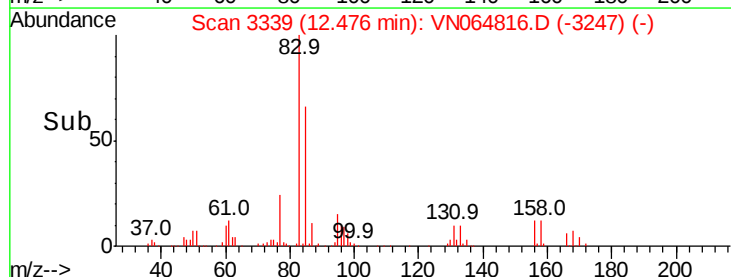
85 64.8 33.0 99.0

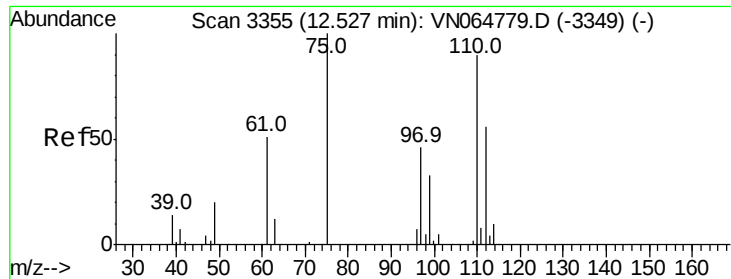


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 63.741 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampled :

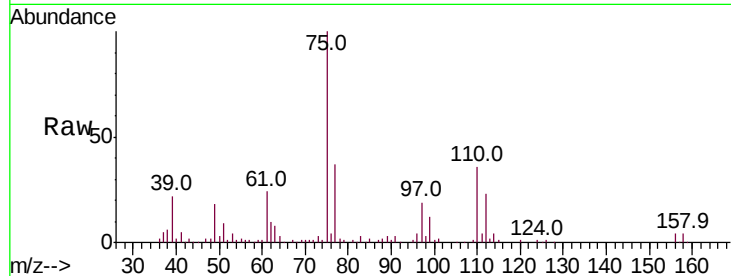
MW-2MS

Tot Ion: 75 Resp: 190849

Ion Ratio Lower Upper

75 100

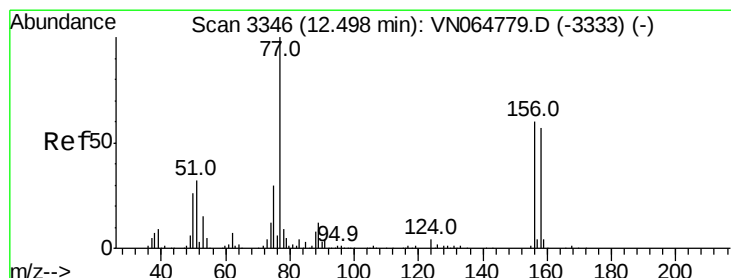
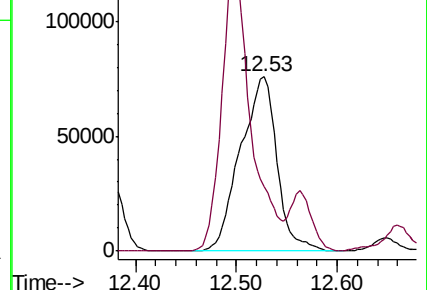
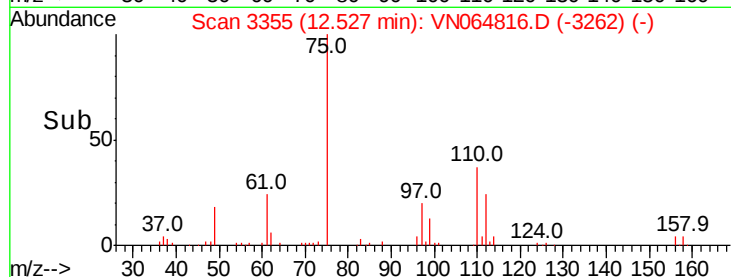
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.53



#77

Bromobenzene

Concen: 47.526 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

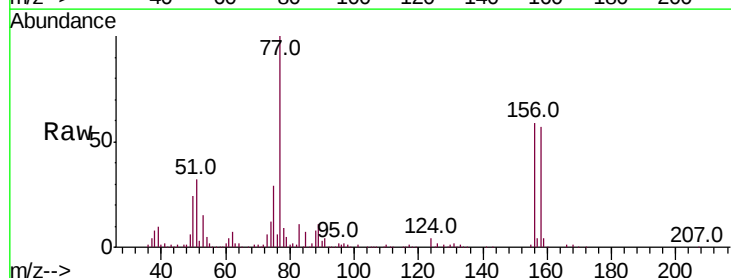
Tgt Ion: 156 Resp: 123907

Ion Ratio Lower Upper

156 100

77 201.4 101.3 303.7

158 97.0 48.2 144.6

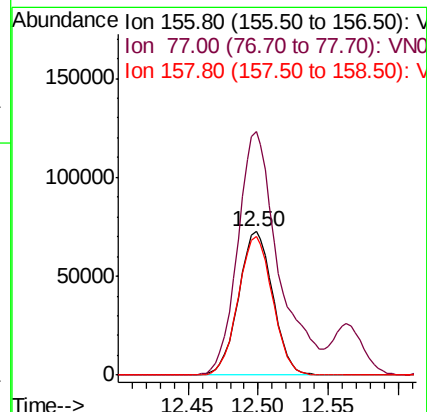
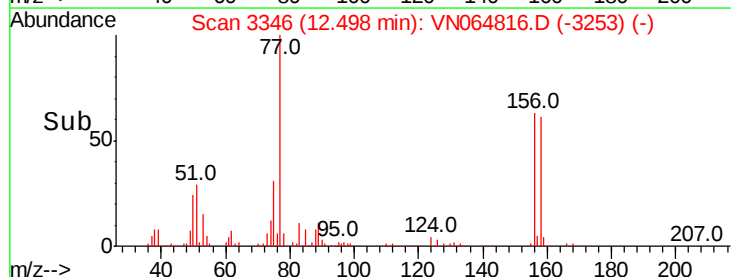


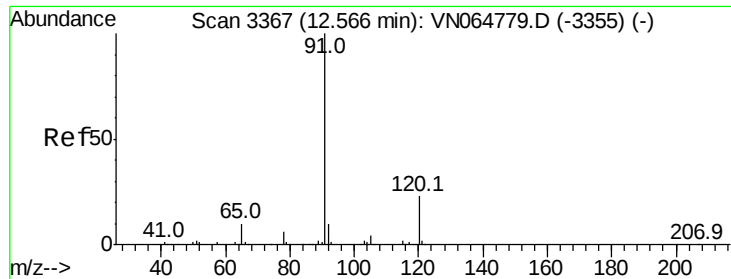
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

12.50





#78

n-propylbenzene

Concen: 97.632 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

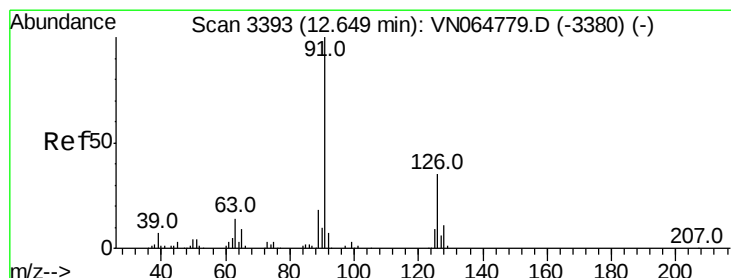
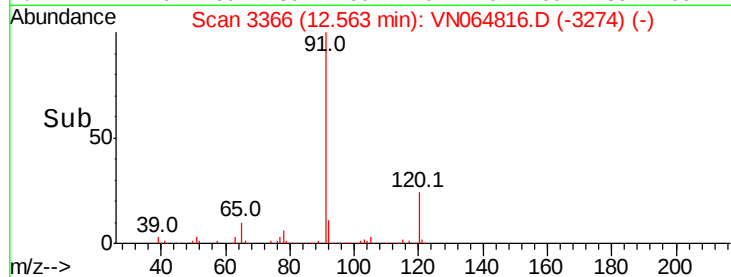
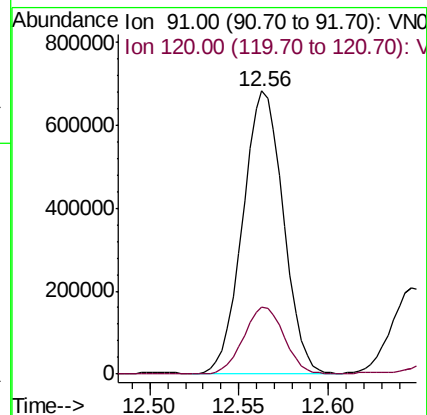
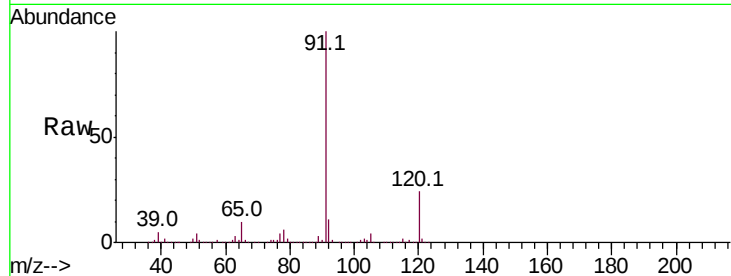
MW-2MS

Tot Ion: 91 Resp: 1075575

Ion Ratio Lower Upper

91 100

120 23.8 11.6 34.7



#79

2-Chlorotoluene

Concen: 51.253 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064816.D

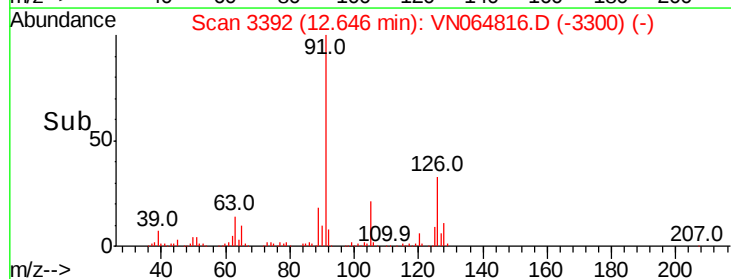
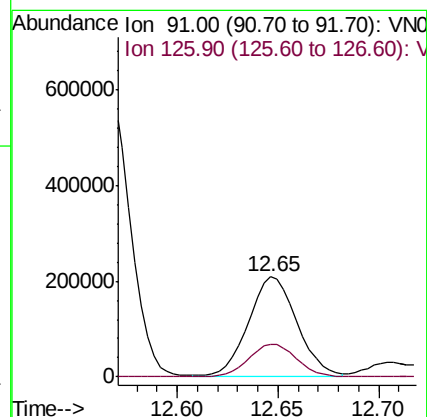
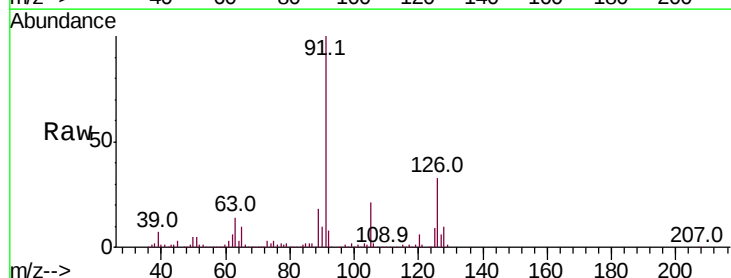
Acq: 24 Nov 2020 17:28

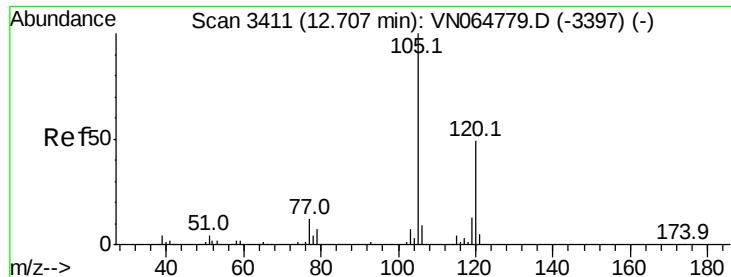
Tgt Ion: 91 Resp: 349022

Ion Ratio Lower Upper

91 100

126 32.8 17.2 51.6

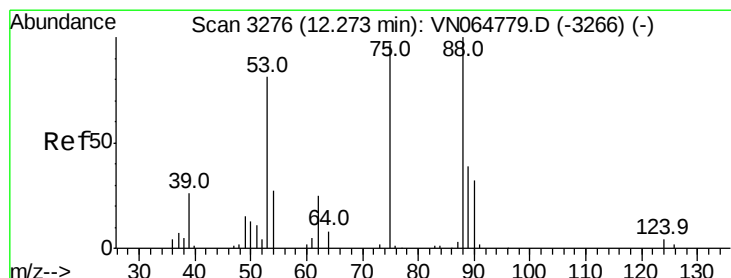
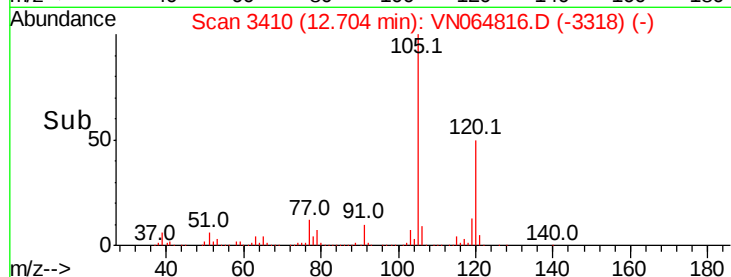
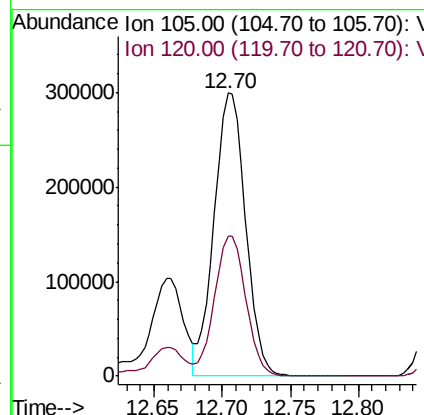
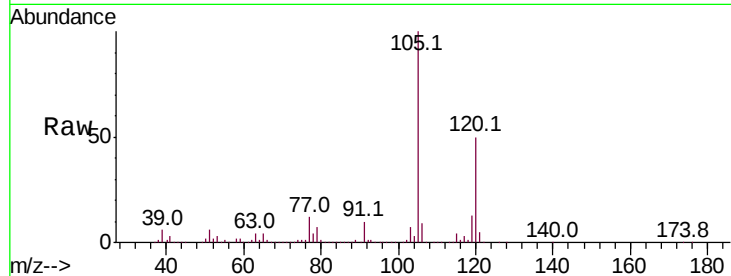




#80
 1,3,5-Trimethylbenzene
 Concen: 59.784 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064816.D
 Acq: 24 Nov 2020 17:28

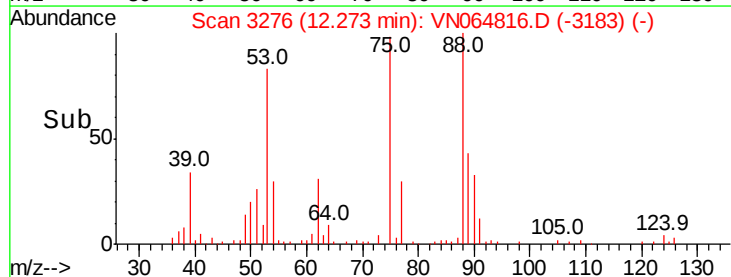
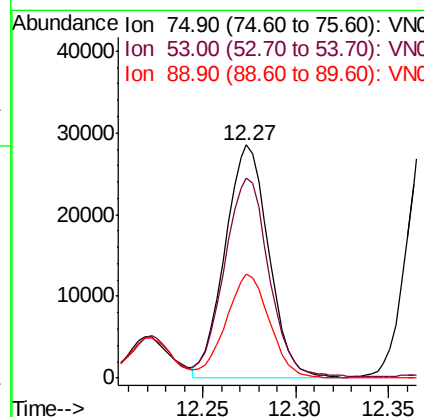
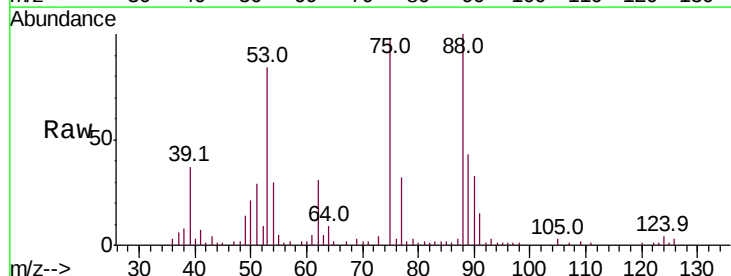
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2MS

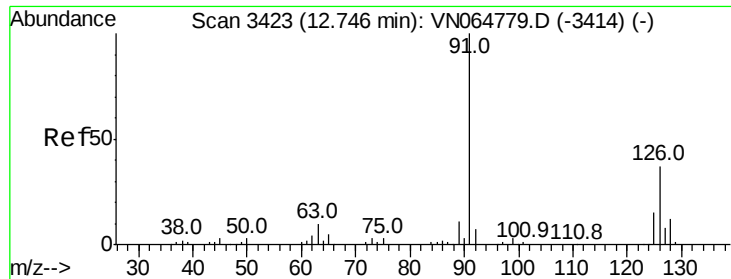
Tot Ion:105 Resp: 480550
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 73.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.759 ug/l
 RT: 12.27 min Scan# 3276
 Delta R.T. 0.00 min
 Lab File: VN064816.D
 Acq: 24 Nov 2020 17:28

Tgt Ion: 75 Resp: 46712
 Ion Ratio Lower Upper
 75 100
 53 86.6 67.0 100.4
 89 44.3 39.6 59.4

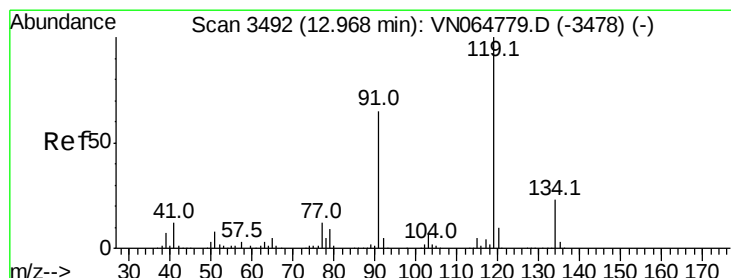
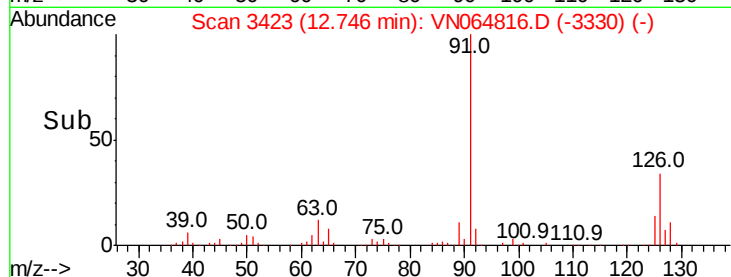
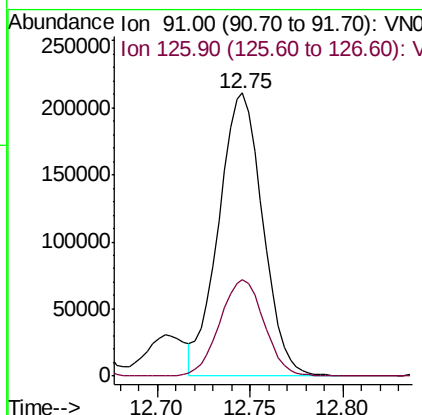
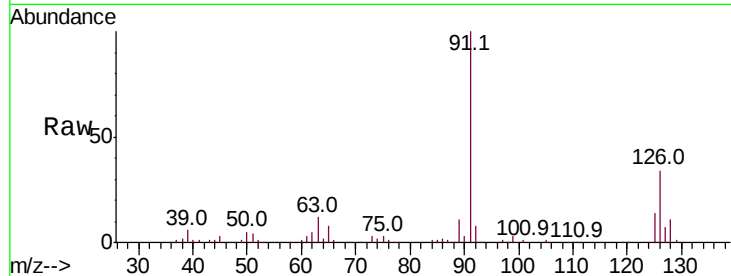




#82
4-Chlorotoluene
Concen: 48.344 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064816.D
Acq: 24 Nov 2020 17:28

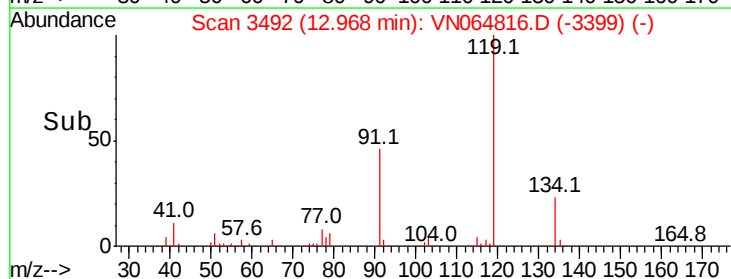
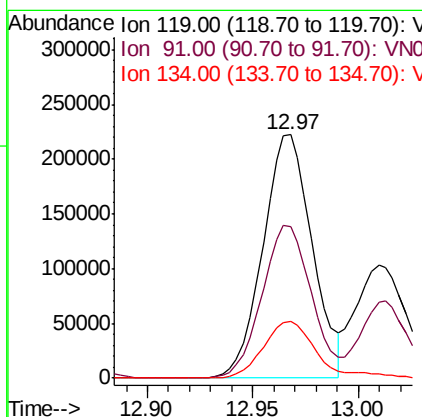
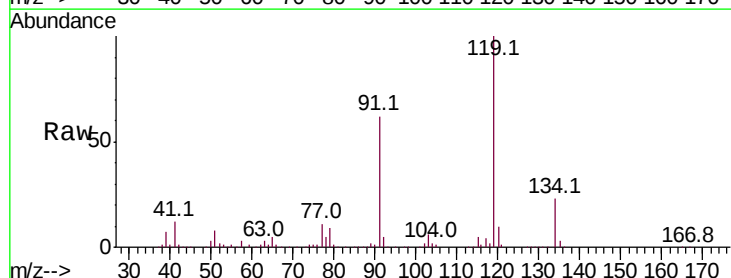
Instrument :
MSVOA_N
ClientSampleId :
MW-2MS

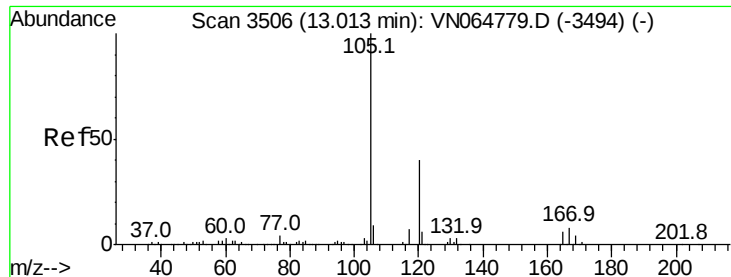
Tot Ion: 91 Resp: 345077
Ion Ratio Lower Upper
91 100
126 34.8 16.9 50.7



#83
tert-Butylbenzene
Concen: 53.719 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064816.D
Acq: 24 Nov 2020 17:28

Tgt Ion: 119 Resp: 361930
Ion Ratio Lower Upper
119 100
91 62.3 32.3 96.8
134 25.1 12.6 37.6

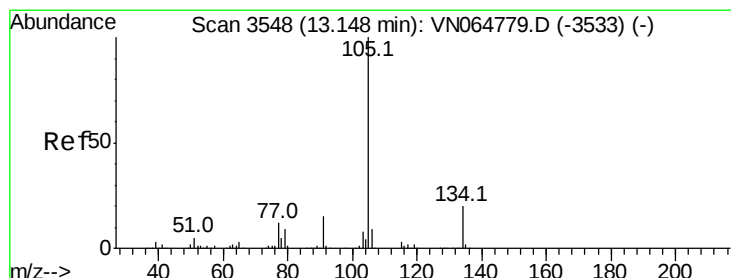
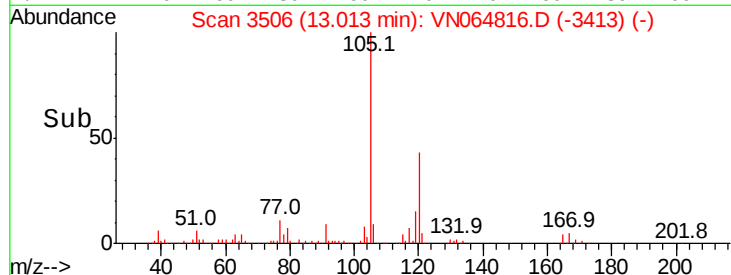
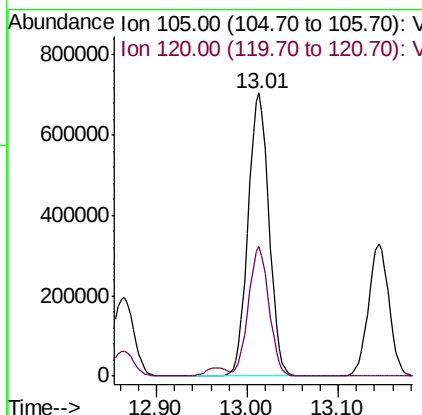
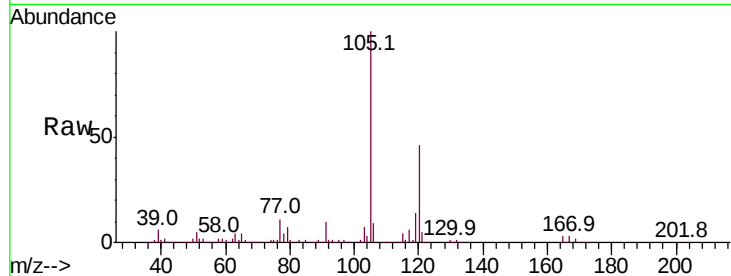




#84
1,2,4-Trimethylbenzene
Concen: 138.322 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064816.D
Acq: 24 Nov 2020 17:28

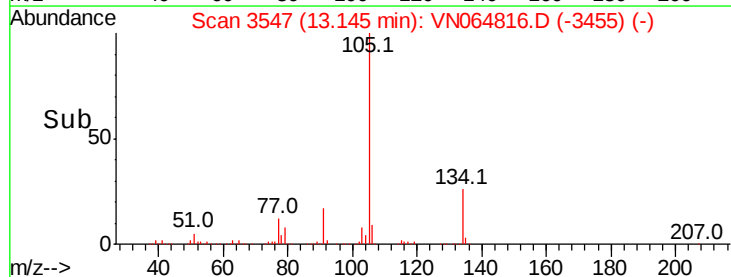
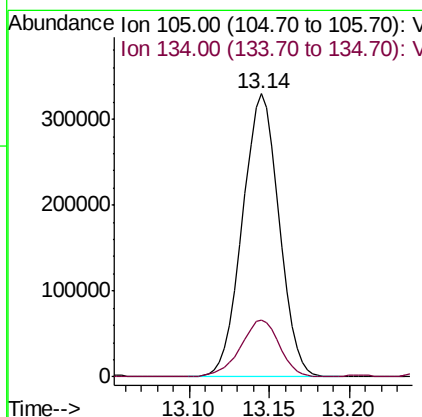
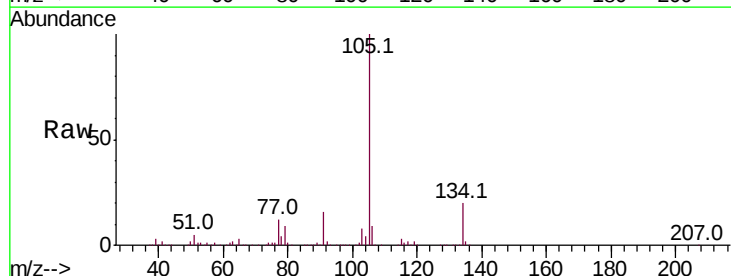
Instrument :
MSVOA_N
ClientSampleId :
MW-2MS

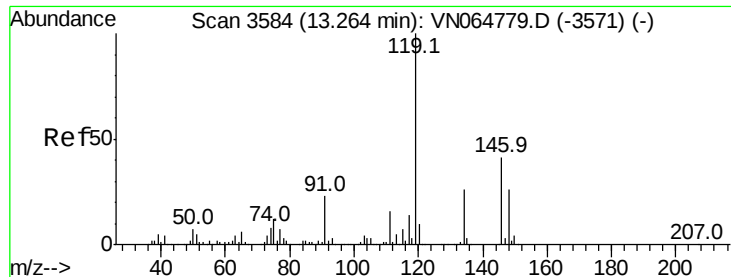
Tot Ion:105 Resp: 1124151
Ion Ratio Lower Upper
105 100
120 45.2 23.1 69.2



#85
sec-Butylbenzene
Concen: 57.458 ug/l
RT: 13.14 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN064816.D
Acq: 24 Nov 2020 17:28

Tgt Ion:105 Resp: 513996
Ion Ratio Lower Upper
105 100
134 21.5 10.1 30.1

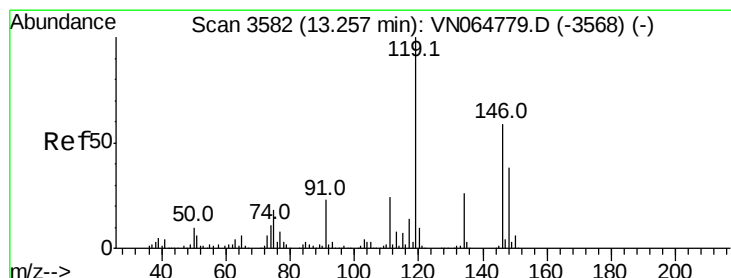
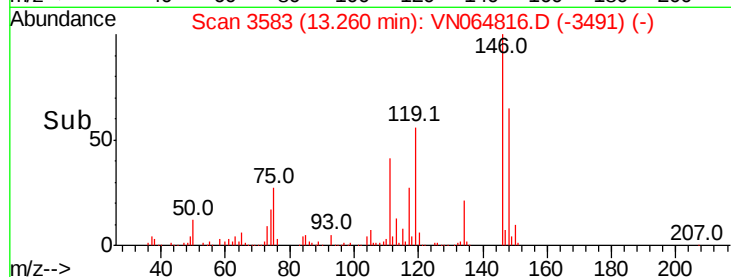
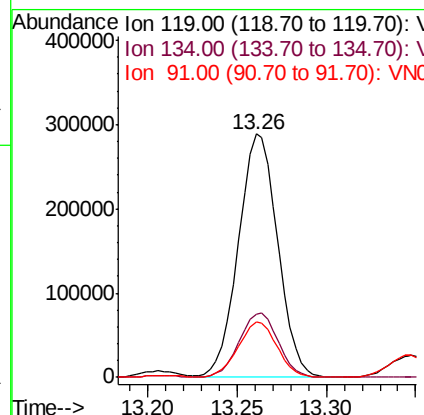
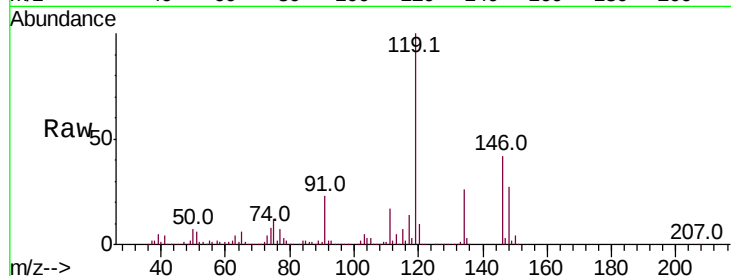




#86
 p-Isopropyltoluene
 Concen: 54.103 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064816.D
 Acq: 24 Nov 2020 17:28

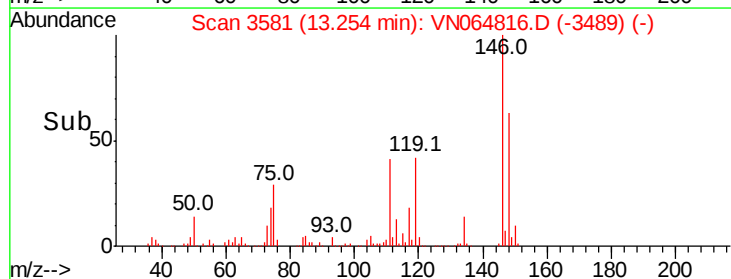
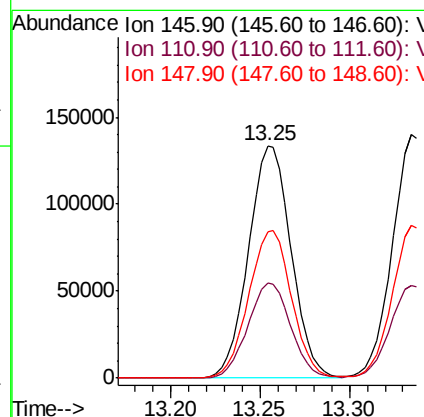
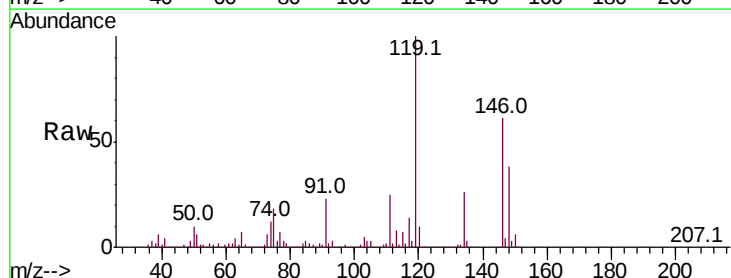
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2MS

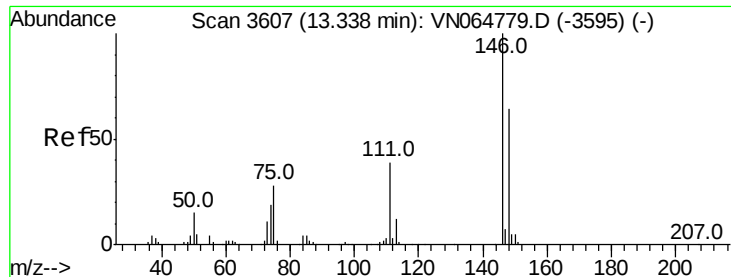
Tot Ion:119 Resp: 440631
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 22.2 11.5 34.5



#87
 1,3-Dichlorobenzene
 Concen: 48.112 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064816.D
 Acq: 24 Nov 2020 17:28

Tgt Ion:146 Resp: 222858
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.6 61.9
 148 63.8 31.9 95.5

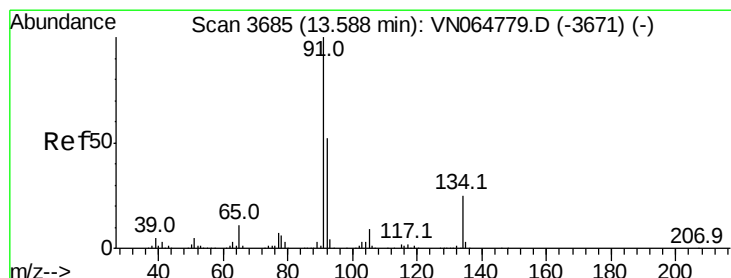
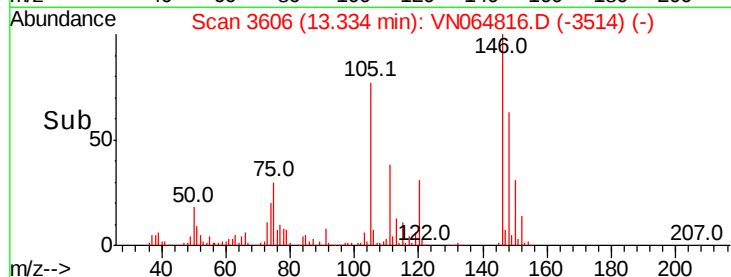
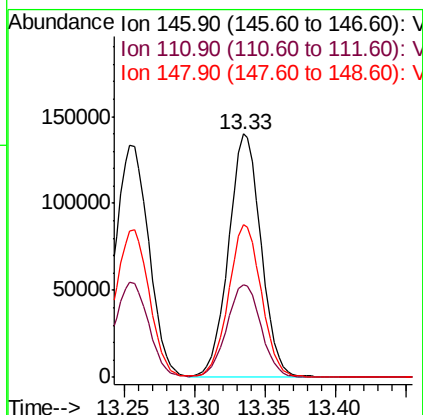
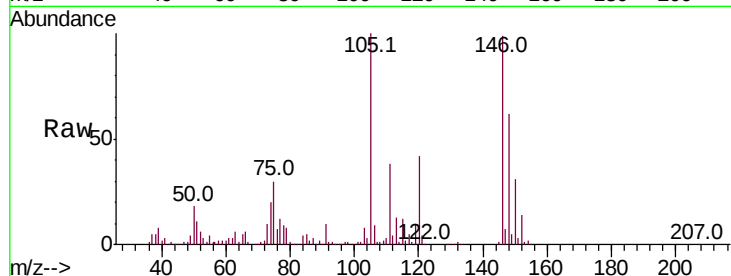




#88
 1,4-Dichlorobenzene
 Concen: 45.872 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064816.D
 Acq: 24 Nov 2020 17:28

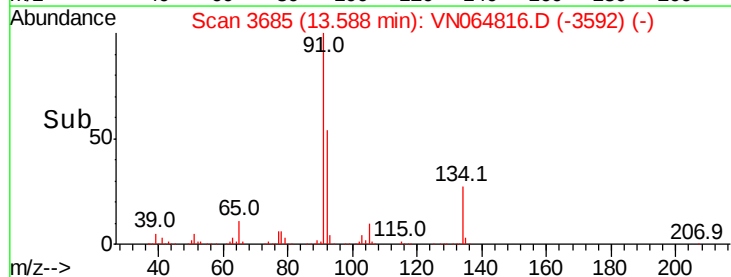
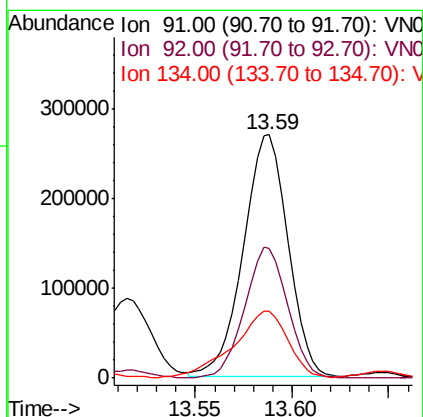
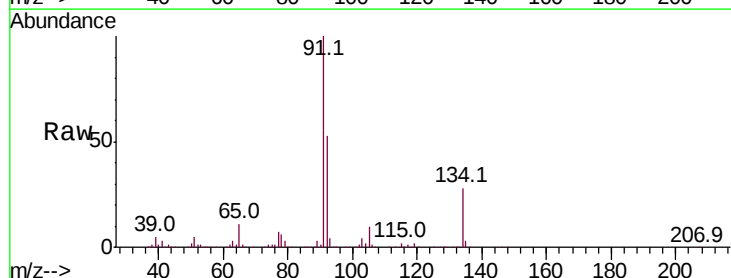
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2MS

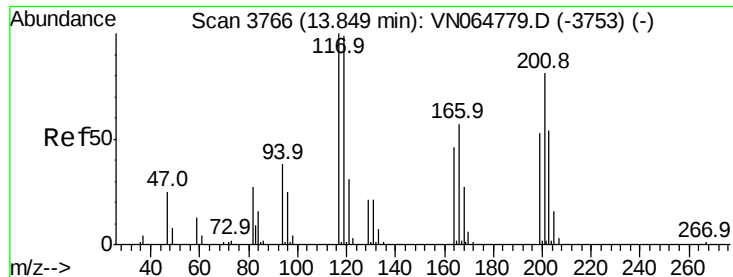
Tot Ion:146 Resp: 224707
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.8 59.3
 148 63.4 31.9 95.5



#89
 n-Butylbenzene
 Concen: 60.212 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: VN064816.D
 Acq: 24 Nov 2020 17:28

Tgt Ion: 91 Resp: 430648
 Ion Ratio Lower Upper
 91 100
 92 52.0 26.0 78.0
 134 33.0 12.9 38.6





#90

Hexachloroethane

Concen: 69.684 ug/l

RT: 13.85 min Scan# 3767

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

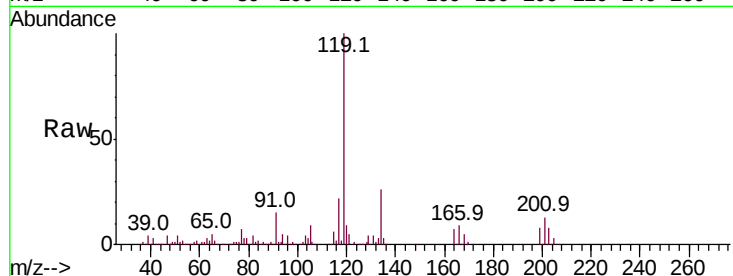
MW-2MS

Tot Ion:117 Resp: 98591

Ion Ratio Lower Upper

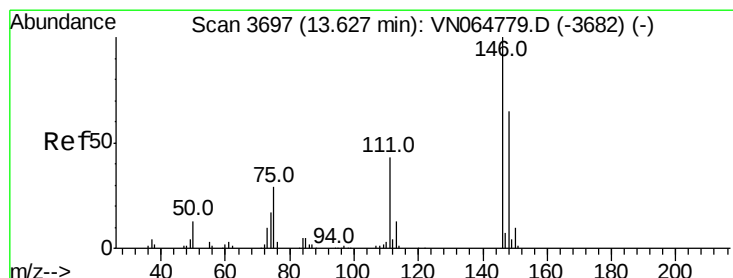
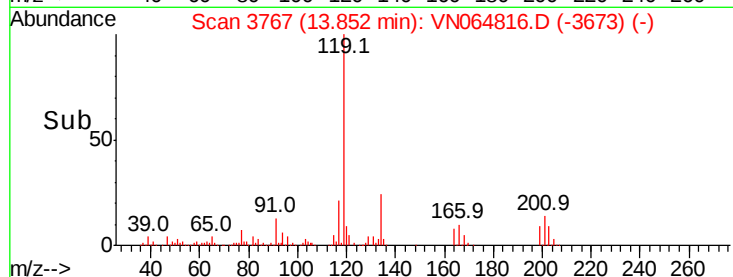
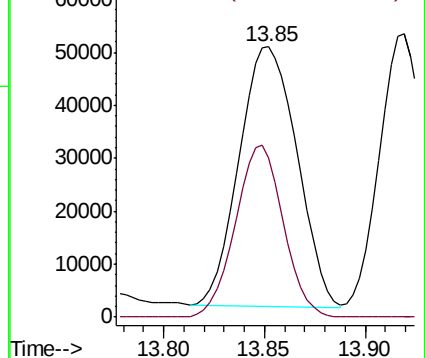
117 100

201 54.7 40.1 120.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 46.964 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

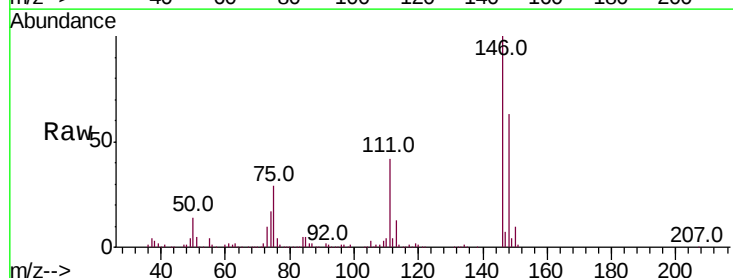
Tgt Ion:146 Resp: 213598

Ion Ratio Lower Upper

146 100

111 42.7 21.1 63.1

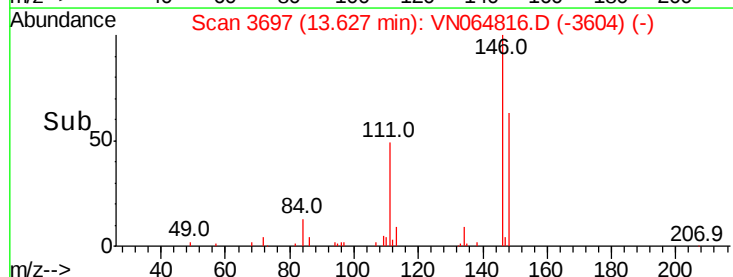
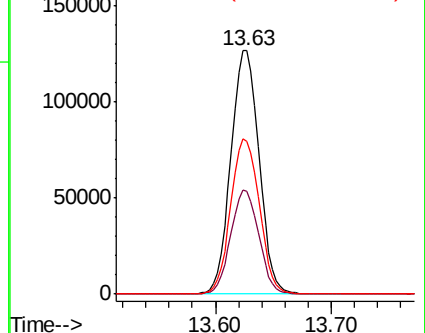
148 64.8 32.0 96.2

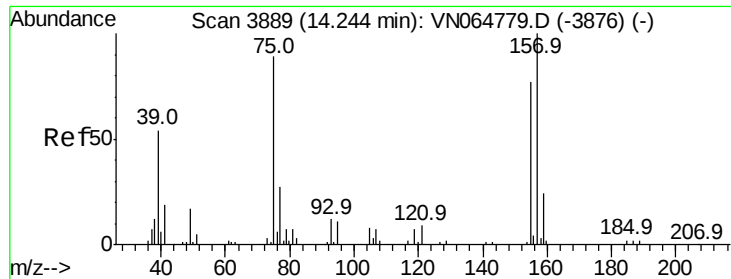


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 47.689 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampled :

MW-2MS

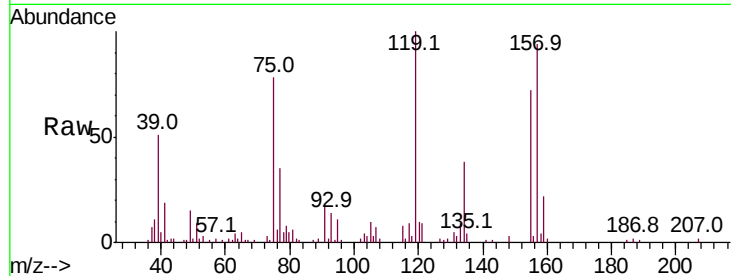
Tot Ion: 75 Resp: 30415

Ion Ratio Lower Upper

75 100

155 85.2 42.8 128.3

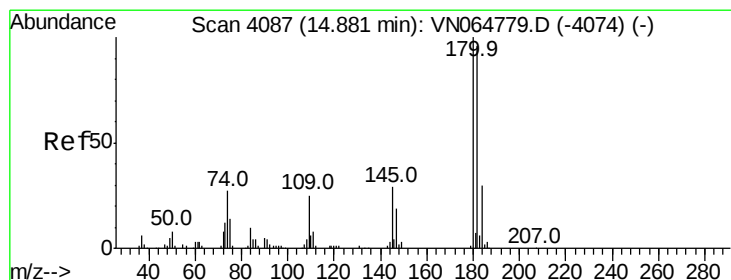
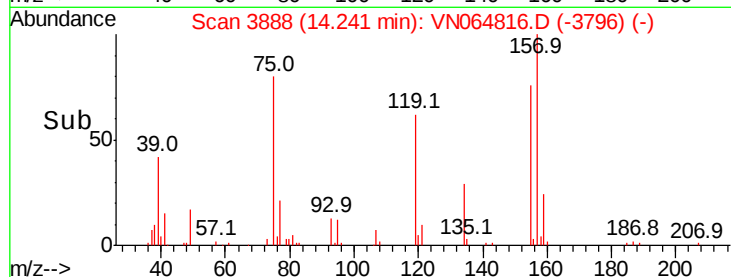
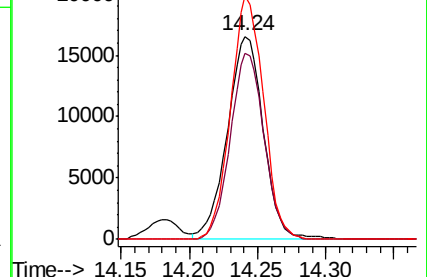
157 109.3 56.4 169.1



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3876) (-)

Ion 154.80 (154.50 to 155.50): VN064779.D (-3876) (-)

Ion 156.80 (156.50 to 157.50): VN064779.D (-3876) (-)



#93

1,2,4-Trichlorobenzene

Concen: 47.662 ug/l

RT: 14.88 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

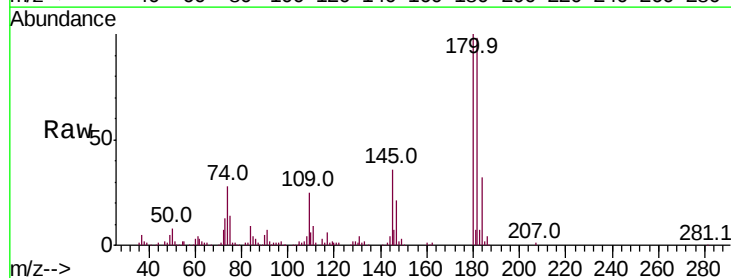
Tgt Ion:180 Resp: 134100

Ion Ratio Lower Upper

180 100

182 96.2 47.6 142.9

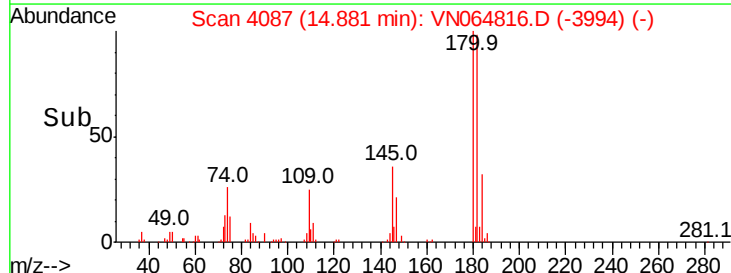
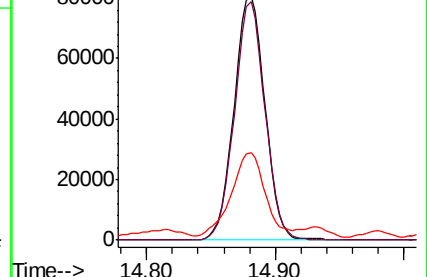
145 36.3 15.3 45.8

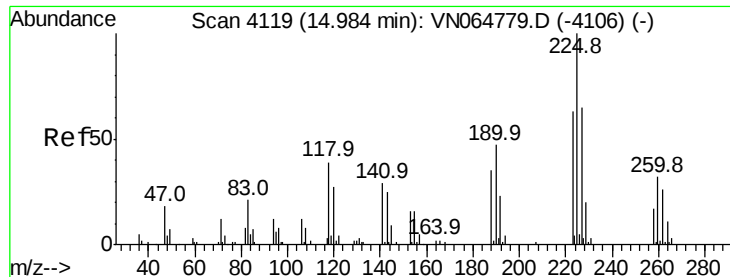


Abundance Ion 179.80 (179.50 to 180.50): VN064779.D (-4074) (-)

Ion 181.80 (181.50 to 182.50): VN064779.D (-4074) (-)

Ion 144.80 (144.50 to 145.50): VN064779.D (-4074) (-)

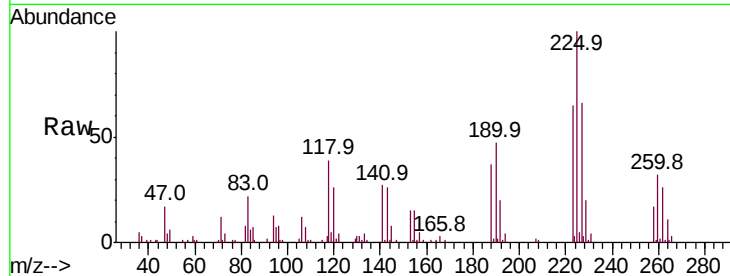




#94
Hexachlorobutadiene
Concen: 44.802 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN064816.D
Acq: 24 Nov 2020 17:28

Instrument :
MSVOA_N
ClientSampled :
MW-2MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.0	93.0
227	64.5	32.0	96.0

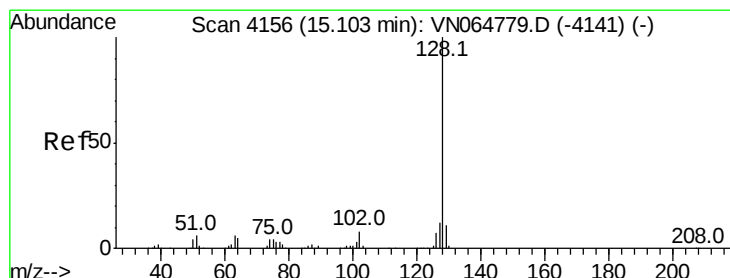
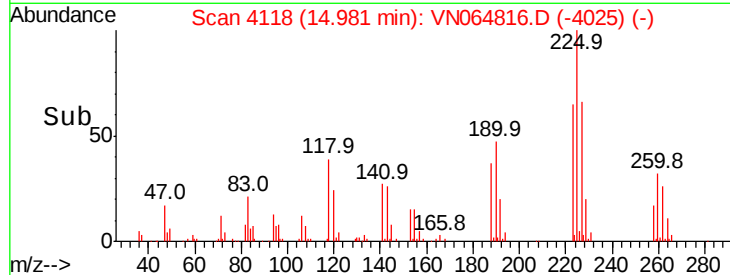
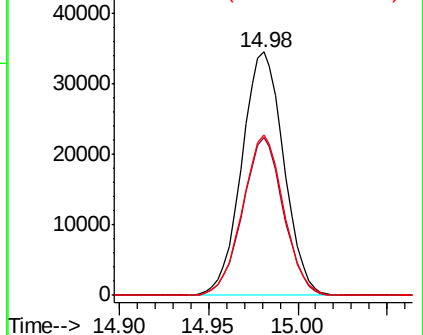


Abundance

Ion 224.70 (224.40 to 225.40): V

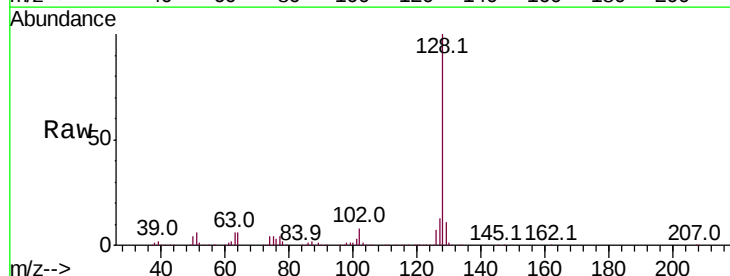
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95
Naphthalene
Concen: 105.148 ug/l
RT: 15.10 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN064816.D
Acq: 24 Nov 2020 17:28

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.7	8.7	13.1

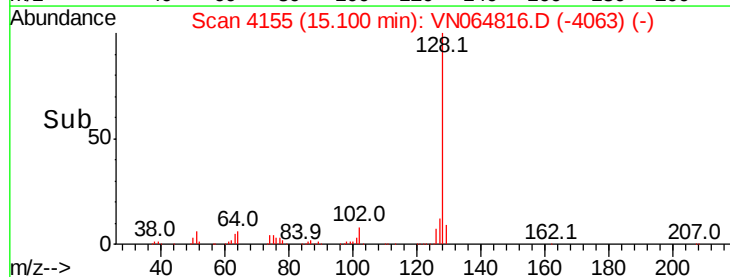
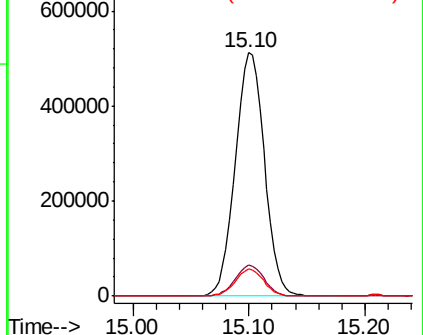


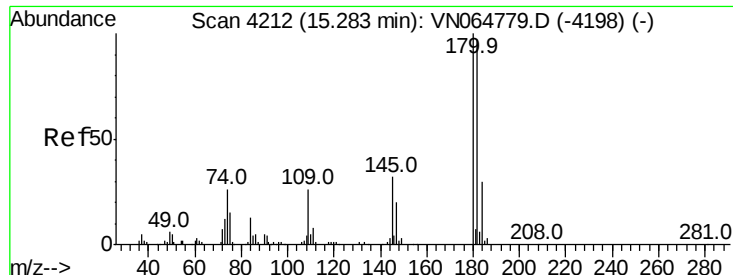
Abundance

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: 49.714 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN064816.D

Acq: 24 Nov 2020 17:28

Instrument :

MSVOA_N

ClientSampleId :

MW-2MS

Tot Ion:180 Resp: 132900

Ion Ratio Lower Upper

180 100

182 93.7 48.1 144.4

145 39.9 16.4 49.1

