

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112320\
 Data File : VN064776.D
 Acq On : 23 Nov 2020 11:22
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Nov 23 13:13:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:11:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	212580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	338180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	302947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	133393	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	2490	0.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	1.42%#
35) Dibromofluoromethane	7.55	113	2055	1.06	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	2.12%#
50) Toluene-d8	10.05	98	7450	0.86	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	1.72%#
62) 4-Bromofluorobenzene	12.38	95	2504	0.78	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	1.56%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	1948	0.775	ug/l 93
3) Chloromethane	2.04	50	2539	0.893	ug/l 98
4) Vinyl Chloride	2.16	62	2627	0.890	ug/l # 82
5) Bromomethane	2.54	94	2468	1.165	ug/l 93
6) Chloroethane	2.67	64	1554	0.790	ug/l # 78
7) Trichlorofluoromethane	2.99	101	3674	0.716	ug/l 97
8) Diethyl Ether	3.36	74	1416	0.834	ug/l 92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	959	0.415	ug/l # 6
10) Methyl Iodide	3.90	142	2385	0.856	ug/l # 89
11) Tert butyl alcohol	4.75	59	1269	3.468	ug/l # 73
12) 1,1-Dichloroethene	3.69	96	2250	1.005	ug/l # 76
13) Acrolein	3.56	56	1161	10.403	ug/l # 60
14) Allyl chloride	4.28	41	3512	0.923	ug/l # 32
15) Acrylonitrile	4.94	53	3089	2.909	ug/l # 67
16) Acetone	3.78	43	4393	4.823	ug/l 94
17) Carbon Disulfide	4.00	76	7943	1.154	ug/l 98
18) Methyl Acetate	4.28	43	2481	0.892	ug/l # 69
19) Methyl tert-butyl Ether	4.99	73	5615	0.758	ug/l 98
20) Methylene Chloride	4.50	84	3067	1.133	ug/l 96
21) trans-1,2-Dichloroethene	4.98	96	2498	1.003	ug/l 85
22) Diisopropyl ether	5.90	45	6286	0.787	ug/l # 87
23) Vinyl Acetate	5.84	43	23201	3.607	ug/l 100
24) 1,1-Dichloroethane	5.79	63	3889	0.826	ug/l # 82
25) 2-Butanone	6.79	43	5784	4.102	ug/l 99
26) 2,2-Dichloropropane	6.77	77	3605	0.820	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	2519	0.916	ug/l 80
28) Bromochloromethane	7.14	49	1757	0.746	ug/l # 50
29) Tetrahydrofuran	7.17	42	4134	4.352	ug/l 97
30) Chloroform	7.33	83	4230	0.836	ug/l 91
31) Cyclohexane	7.61	56	6695	1.711	ug/l # 63
32) 1,1,1-Trichloroethane	7.52	97	3472	0.754	ug/l # 39
36) 1,1-Dichloropropene	7.75	75	2955	0.866	ug/l 97
37) Ethyl Acetate	6.88	43	2935	1.013	ug/l # 73
38) Carbon Tetrachloride	7.73	117	3005	0.836	ug/l # 89

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	3132	1.003	ug/l	95
40) Benzene	8.00	78	9451	0.983	ug/l	94
41) Methacrylonitrile	7.13	41	1391	1.059	ug/l #	14
42) 1,2-Dichloroethane	8.09	62	3171	0.795	ug/l	91
43) Isopropyl Acetate	8.13	43	4309	0.780	ug/l #	86
44) Trichloroethene	8.80	130	3061	1.097	ug/l	87
45) 1,2-Dichloropropane	9.09	63	2393	0.938	ug/l	97
46) Dibromomethane	9.17	93	1587	0.887	ug/l	94
47) Bromodichloromethane	9.37	83	3104	0.829	ug/l #	96
48) Methyl methacrylate	9.16	41	1987	0.764	ug/l #	63
49) 1,4-Dioxane	9.16	88	849	24.159	ug/l #	87
51) 4-Methyl-2-Pentanone	9.95	43	12286	4.083	ug/l	98
52) Toluene	10.13	92	5458	0.925	ug/l	94
53) t-1,3-Dichloropropene	10.35	75	3527	0.879	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	3476	0.830	ug/l #	83
55) 1,1,2-Trichloroethane	10.53	97	2505	1.059	ug/l	92
56) Ethyl methacrylate	10.40	69	2670	0.809	ug/l	98
57) 1,3-Dichloropropane	10.68	76	3944	0.963	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	7976	4.382	ug/l	99
59) 2-Hexanone	10.72	43	8441	3.885	ug/l	91
60) Dibromochloromethane	10.87	129	2478	0.903	ug/l	98
61) 1,2-Dibromoethane	10.97	107	2264	0.896	ug/l	95
64) Tetrachloroethene	10.60	164	3124	1.153	ug/l	96
65) Chlorobenzene	11.41	112	6624	1.036	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.48	131	2176	0.906	ug/l #	60
67) Ethyl Benzene	11.48	91	9948	0.887	ug/l	97
68) m/p-Xylenes	11.59	106	7061	1.742	ug/l	97
69) o-Xylene	11.92	106	3221	0.818	ug/l	94
70) Styrene	11.94	104	5181	0.777	ug/l	99
71) Bromoform	12.10	173	1822	1.081	ug/l #	84
73) Isopropylbenzene	12.22	105	8853	0.939	ug/l	100
74) N-amyl acetate	12.04	43	3132	0.730	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.48	83	2653	1.002	ug/l #	87
76) 1,2,3-Trichloropropane	12.53	75	4025	1.406	ug/l #	100
77) Bromobenzene	12.50	156	2751	1.148	ug/l	94
78) n-propylbenzene	12.56	91	9683	0.885	ug/l	100
79) 2-Chlorotoluene	12.65	91	6690	0.961	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	6276	0.802	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	778	0.751	ug/l #	81
82) 4-Chlorotoluene	12.75	91	7055	0.955	ug/l	95
83) tert-Butylbenzene	12.97	119	5881	0.963	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	6391	0.803	ug/l	97
85) sec-Butylbenzene	13.14	105	7576	0.928	ug/l	93
86) p-Isopropyltoluene	13.26	119	6197	0.824	ug/l	96
87) 1,3-Dichlorobenzene	13.25	146	4533	1.043	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	5812	1.299	ug/l	90
89) n-Butylbenzene	13.59	91	6286	0.906	ug/l	99
90) Hexachloroethane	13.84	117	1189	0.948	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	4614	1.082	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	618	0.906	ug/l	74

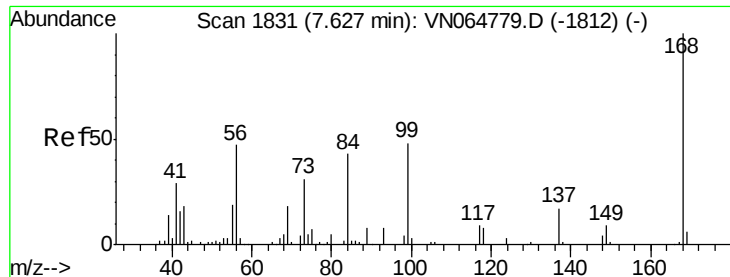
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	3341	1.401	ug/l	97
94) Hexachlorobutadiene	14.98	225	1939	1.607	ug/l	94
95) Naphthalene	15.11	128	9752	1.292	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	3519	1.534	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

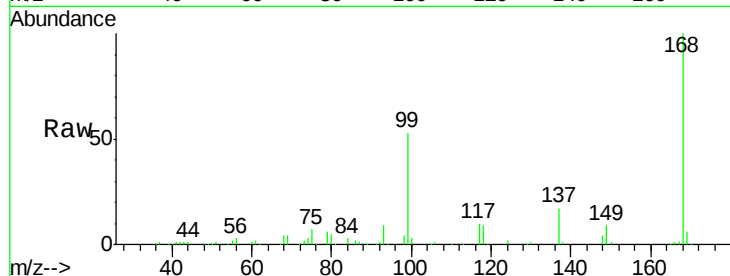
VSTDIC001

Tgt Ion:168 Resp: 212580

Ion Ratio Lower Upper

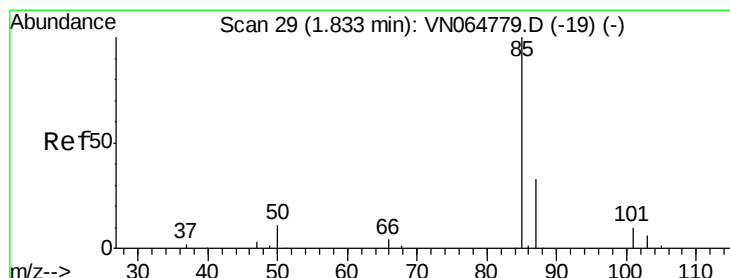
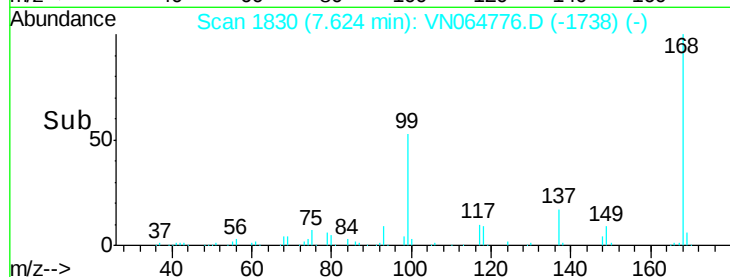
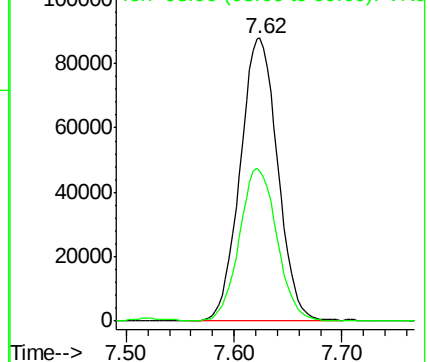
168 100

99 53.3 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 0.775 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064776.D

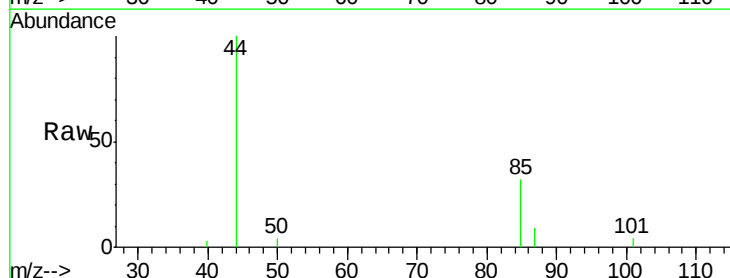
Acq: 23 Nov 2020 11:22

Tgt Ion: 85 Resp: 1948

Ion Ratio Lower Upper

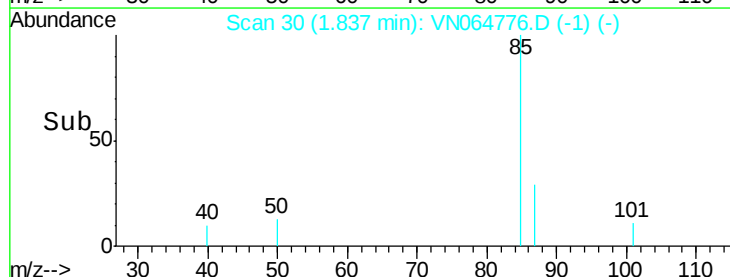
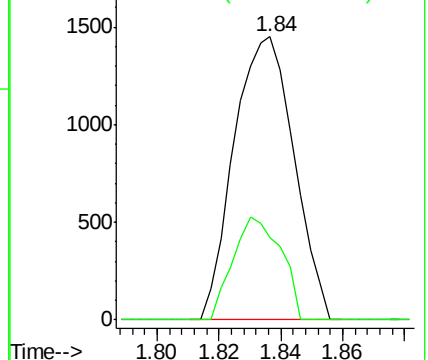
85 100

87 29.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

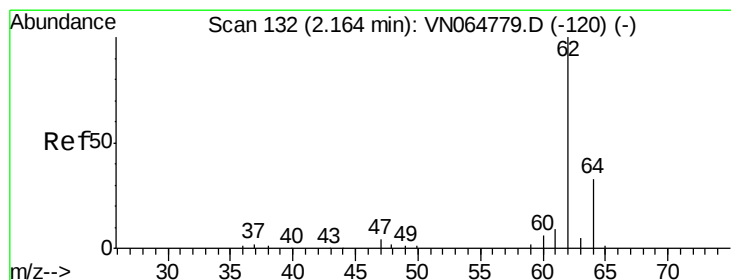
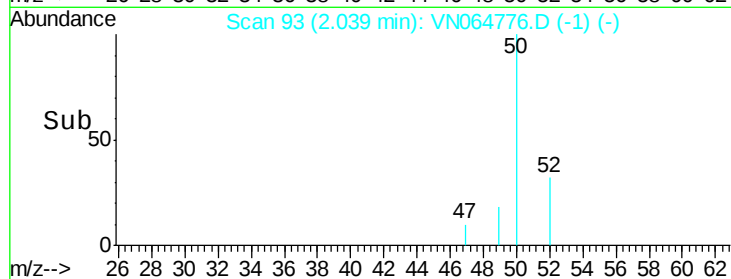
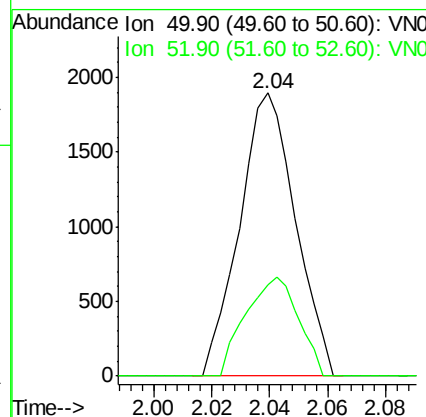
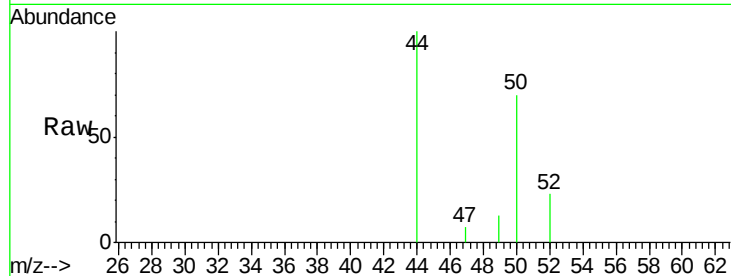




#3
 Chloromethane
 Concen: 0.893 ug/l
 RT: 2.04 min Scan# 93
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

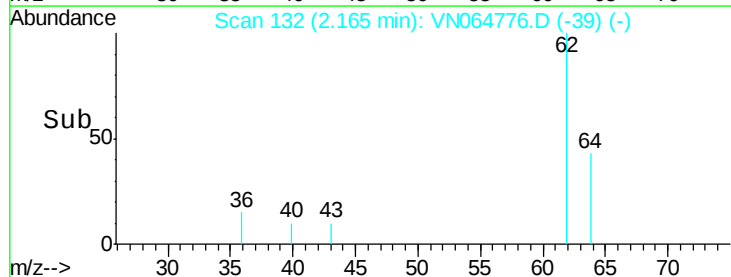
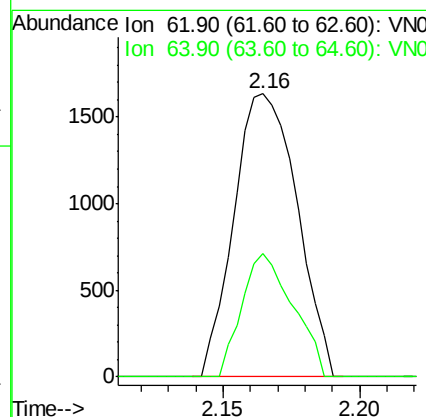
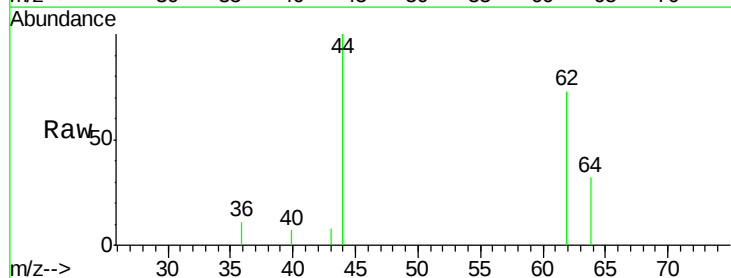
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 50 Resp: 2539
 Ion Ratio Lower Upper
 50 100
 52 32.1 26.6 39.8



#4
 Vinyl Chloride
 Concen: 0.890 ug/l
 RT: 2.16 min Scan# 132
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion: 62 Resp: 2627
 Ion Ratio Lower Upper
 62 100
 64 43.5 26.5 39.7#





#5

Bromomethane

Concen: 1.165 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampled :

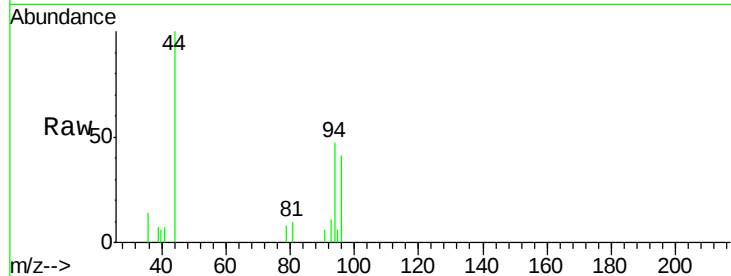
VSTDIC001

Tgt Ion: 94 Resp: 2468

Ion Ratio Lower Upper

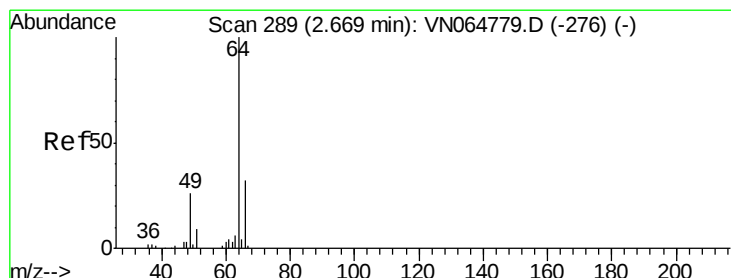
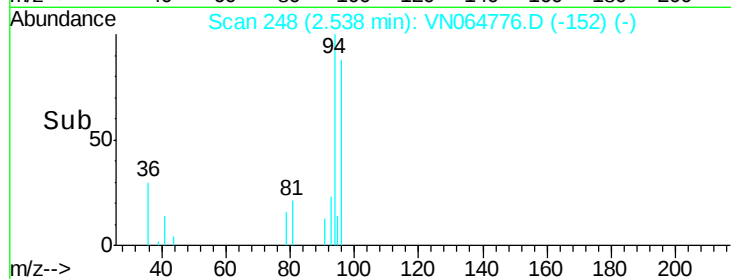
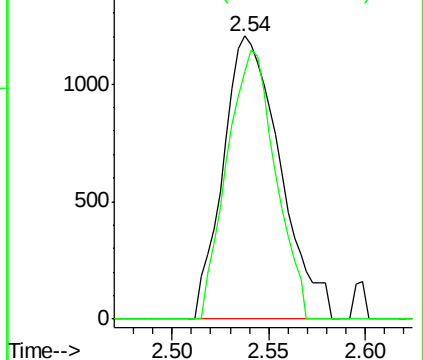
94 100

96 87.7 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 0.790 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064776.D

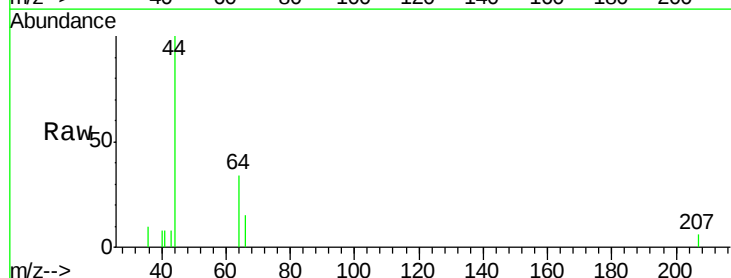
Acq: 23 Nov 2020 11:22

Tgt Ion: 64 Resp: 1554

Ion Ratio Lower Upper

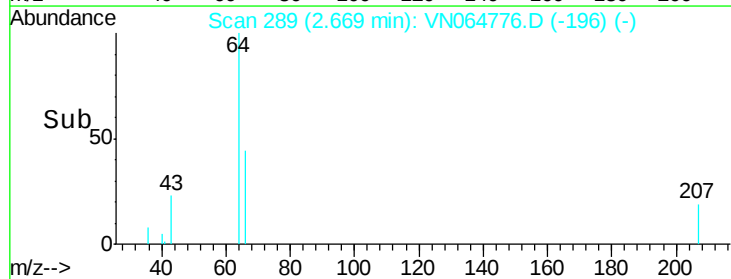
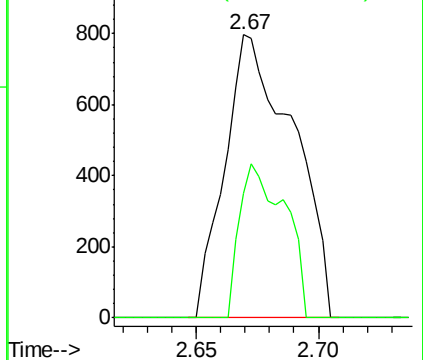
64 100

66 44.2 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



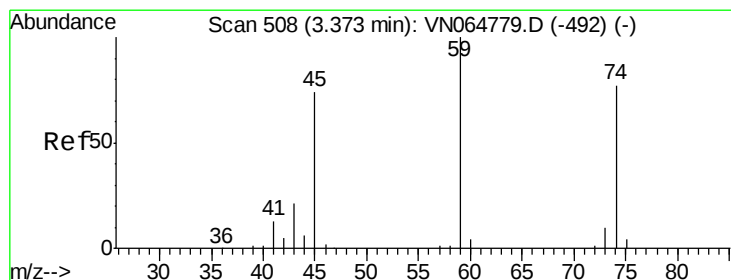
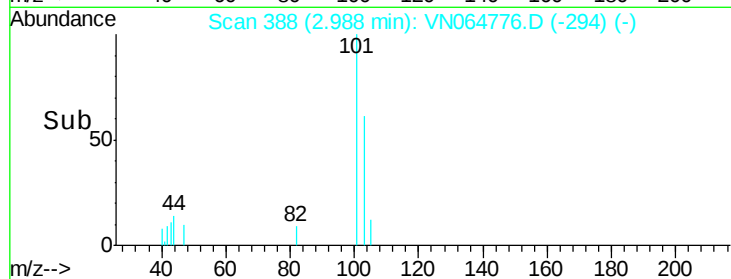
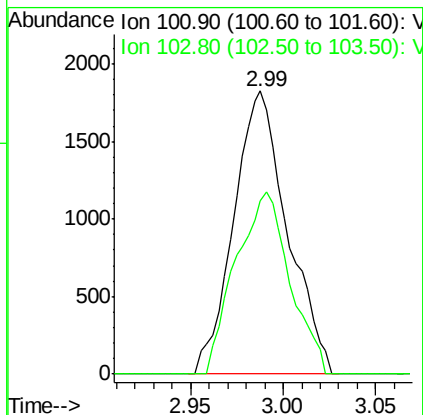
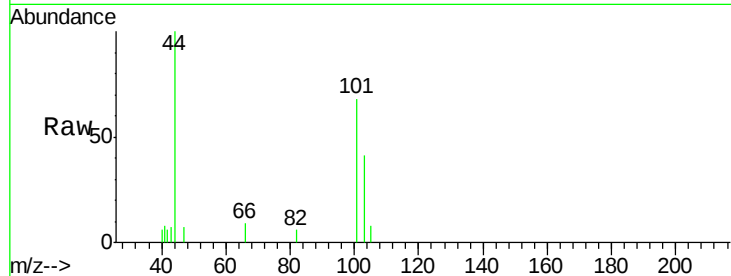


#7

Trichlorofluoromethane
 Concen: 0.716 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

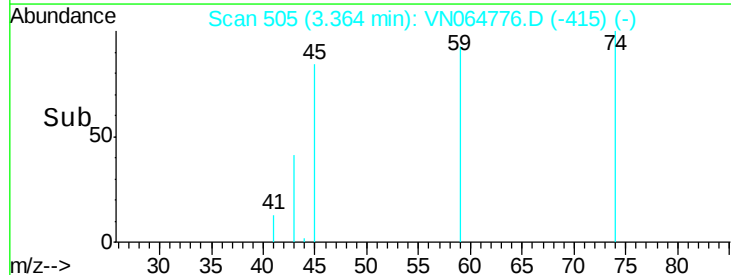
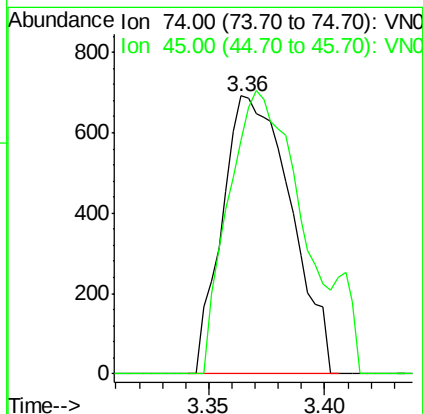
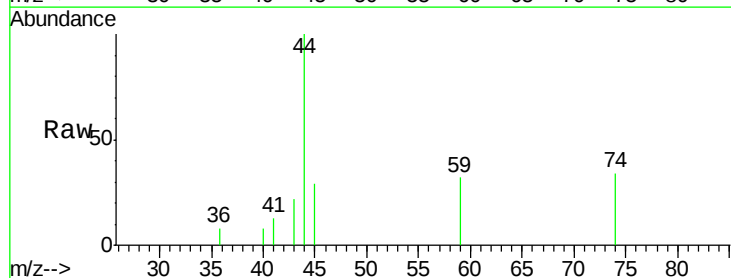
Tgt Ion: 101 Resp: 3674
 Ion Ratio Lower Upper
 101 100
 103 61.0 50.5 75.7

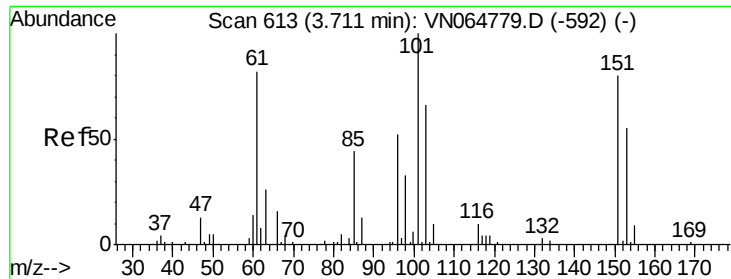


#8

Diethyl Ether
 Concen: 0.834 ug/l
 RT: 3.36 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion: 74 Resp: 1416
 Ion Ratio Lower Upper
 74 100
 45 105.9 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.415 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.01 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

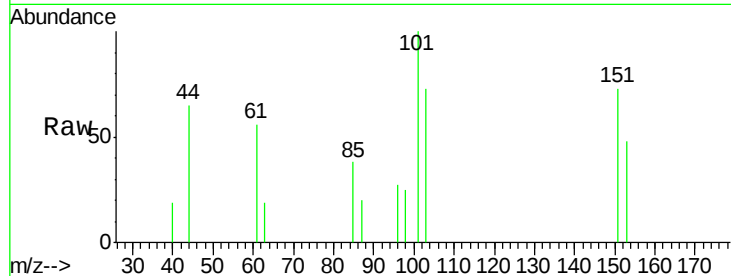
Tgt Ion:101 Resp: 959

Ion Ratio Lower Upper

101 100

85 83.0 34.4 51.6#

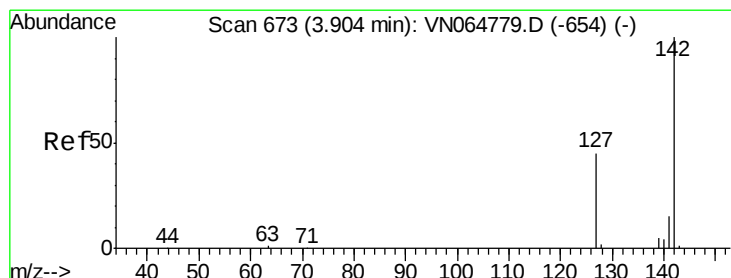
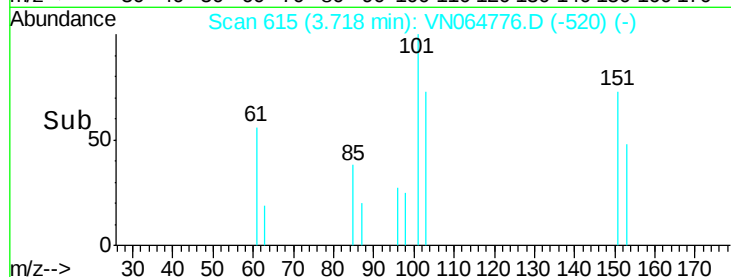
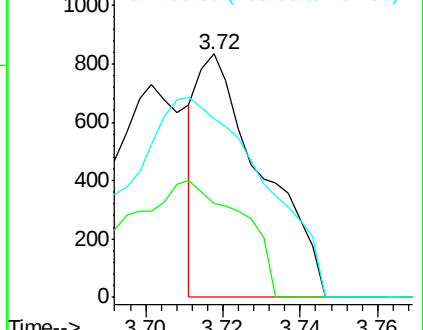
151 177.3 64.0 96.0#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN064776.D (-580) (-)

Ion 150.80 (150.50 to 151.50): VN064776.D (-580) (-)



#10

Methyl Iodide

Concen: 0.856 ug/l

RT: 3.90 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

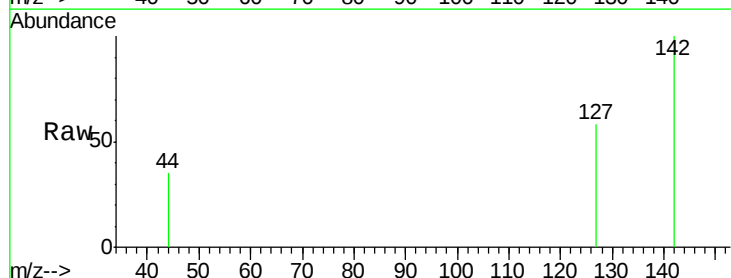
Tgt Ion:142 Resp: 2385

Ion Ratio Lower Upper

142 100

127 45.9 35.0 52.6

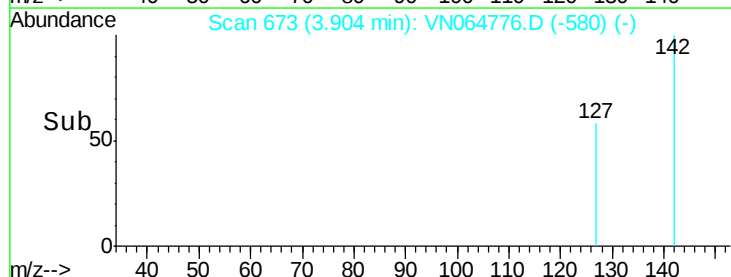
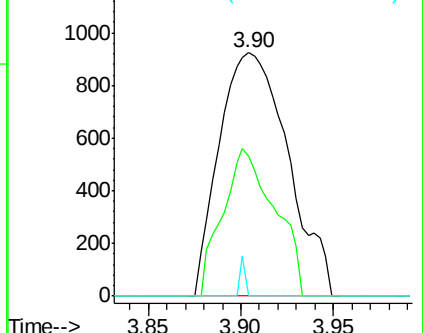
141 1.3 11.8 17.6#

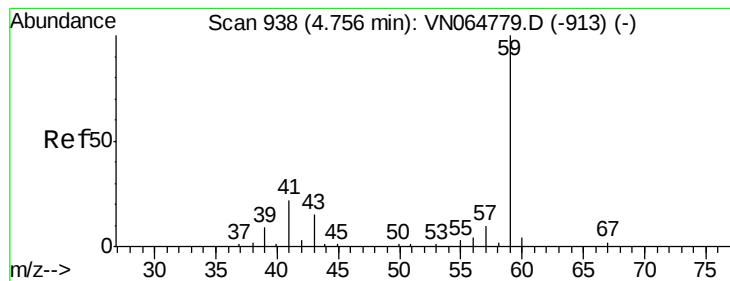


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): VN064776.D (-580) (-)

Ion 140.80 (140.50 to 141.50): VN064776.D (-580) (-)



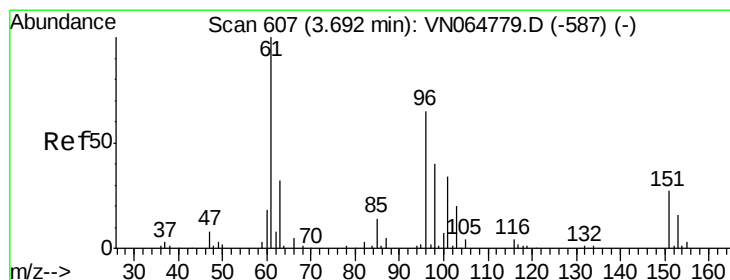
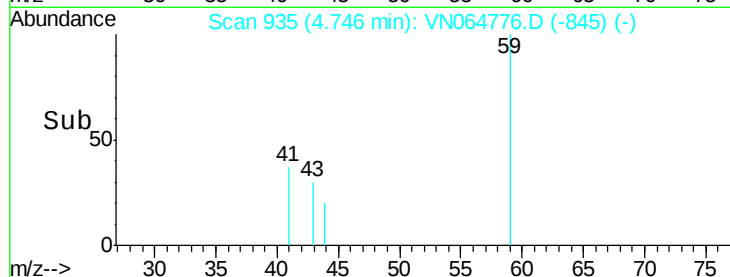
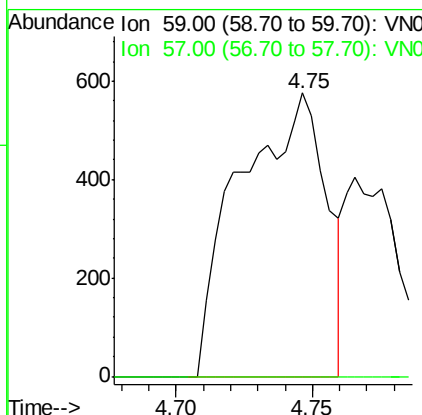
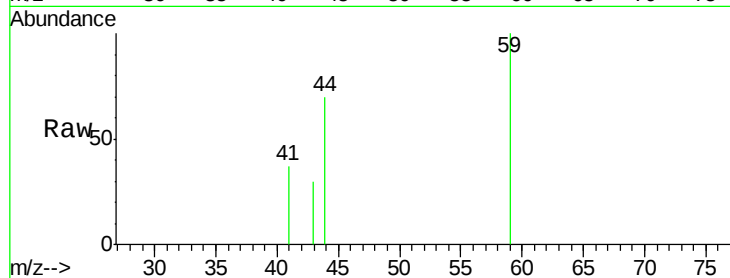


#11

Tert butyl alcohol
 Concen: 3.468 ug/l
 RT: 4.75 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

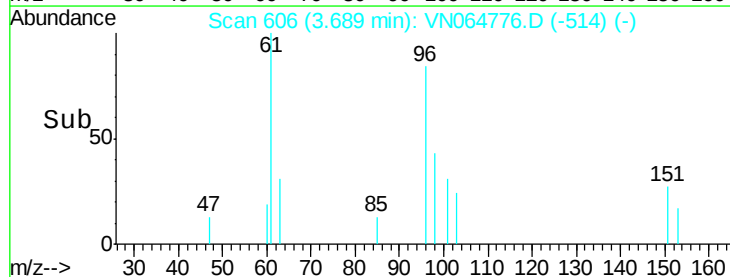
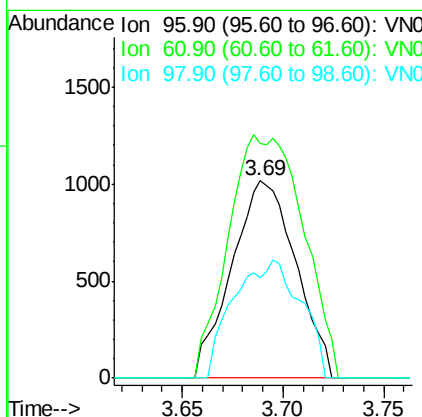
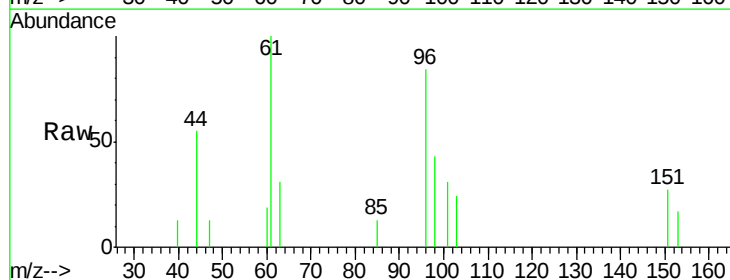
Tgt Ion: 59 Resp: 1269
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

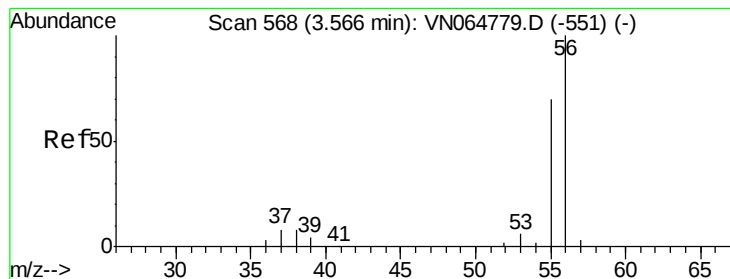


#12

1,1-Dichloroethene
 Concen: 1.005 ug/l
 RT: 3.69 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion: 96 Resp: 2250
 Ion Ratio Lower Upper
 96 100
 61 119.2 123.4 185.2#
 98 50.7 49.8 74.8





#13

Acrolein

Concen: 10.403 ug/l

RT: 3.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

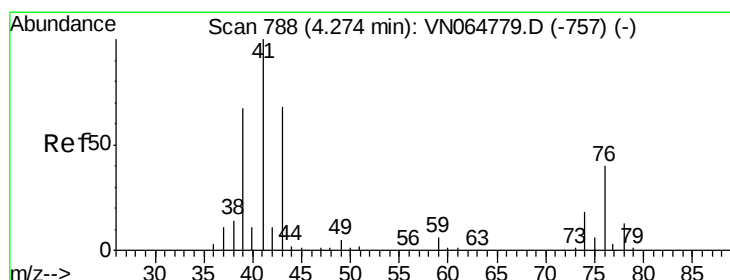
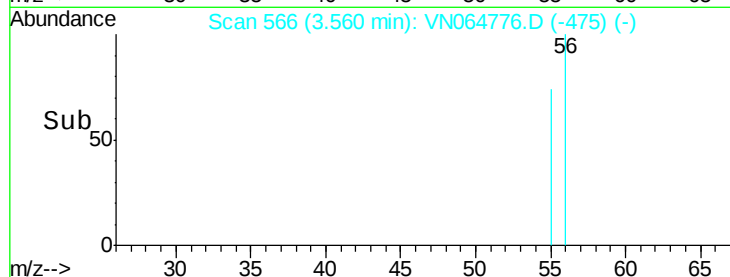
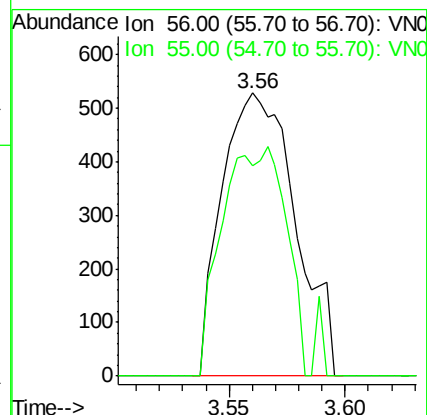
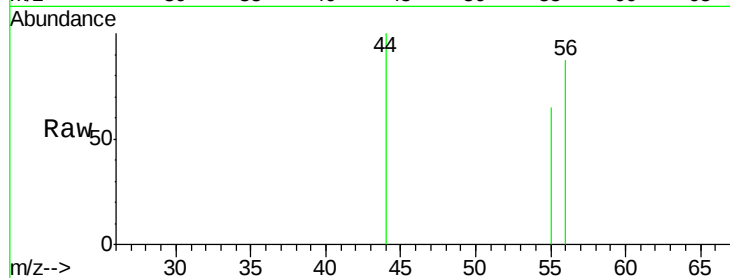
VSTDIC001

Tgt Ion: 56 Resp: 1161

Ion Ratio Lower Upper

56 100

55 37.7 56.5 84.7#



#14

Allyl chloride

Concen: 0.923 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

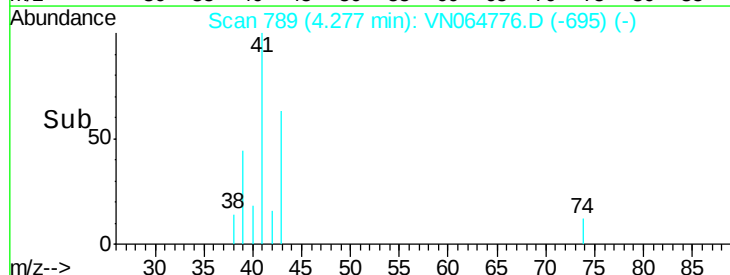
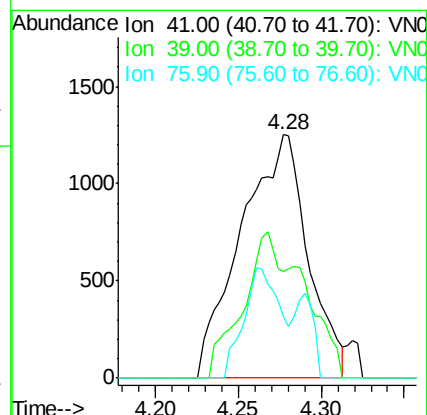
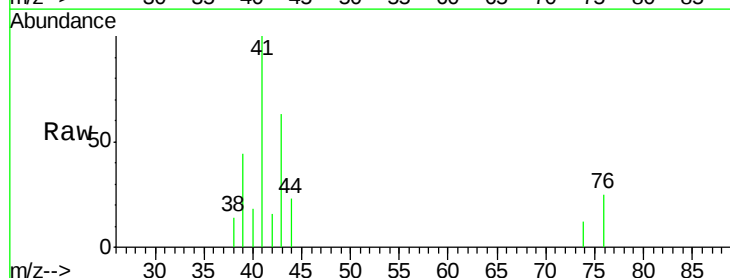
Tgt Ion: 41 Resp: 3512

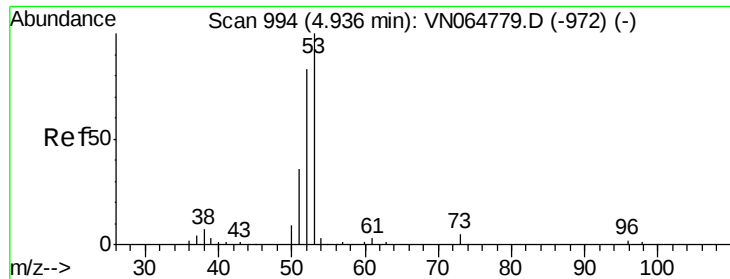
Ion Ratio Lower Upper

41 100

39 0.0 50.9 76.3#

76 9.8 29.0 43.4#





#15

Acrylonitrile

Concen: 2.909 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

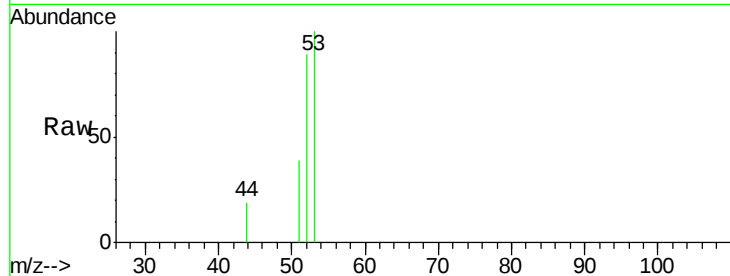
Tgt Ion: 53 Resp: 3089

Ion Ratio Lower Upper

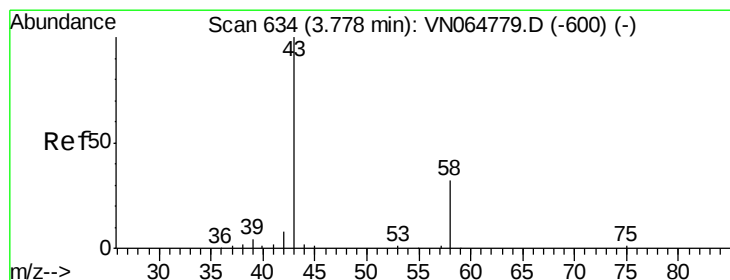
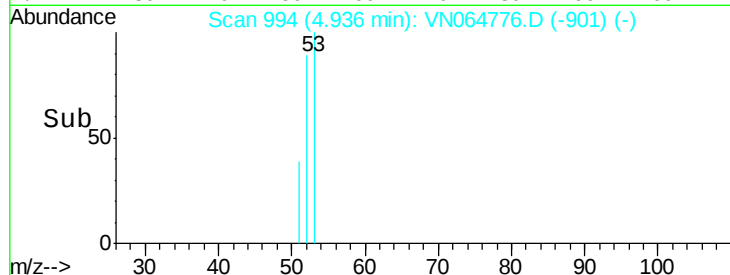
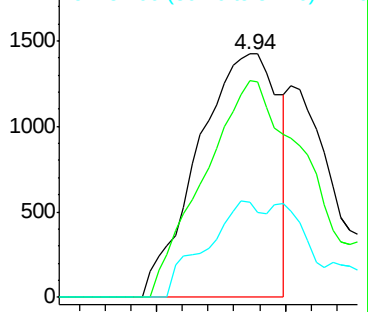
53 100

52 119.3 65.5 98.3#

51 28.8 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064776.D (-901) (-)



#16

Acetone

Concen: 4.823 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN064776.D

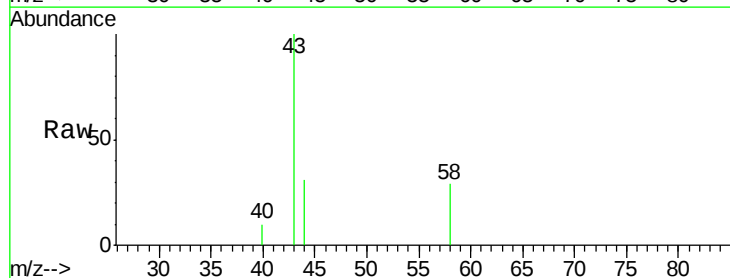
Acq: 23 Nov 2020 11:22

Tgt Ion: 43 Resp: 4393

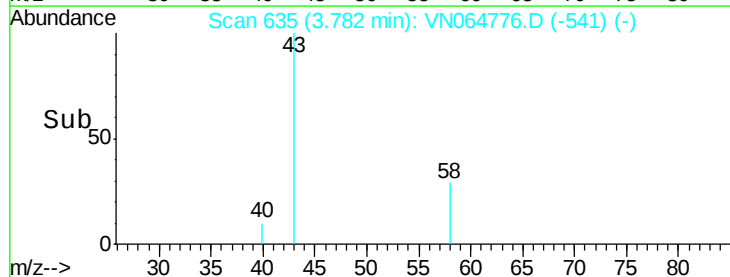
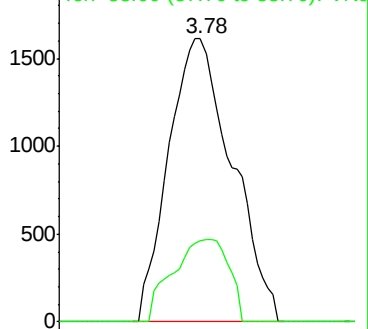
Ion Ratio Lower Upper

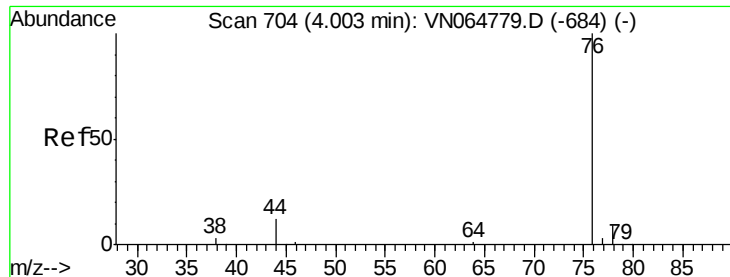
43 100

58 28.7 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064776.D (-541) (-)

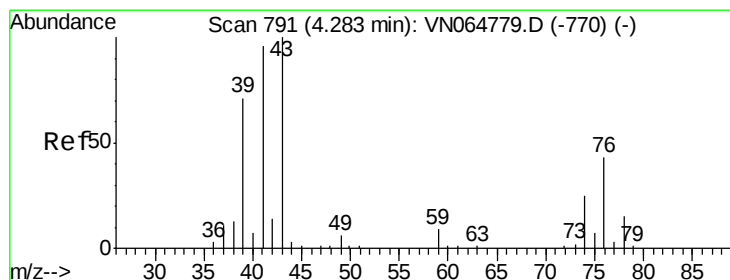
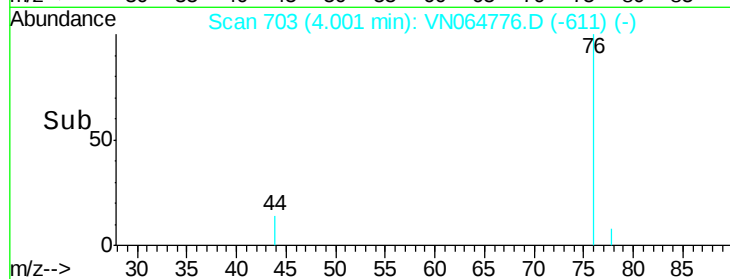
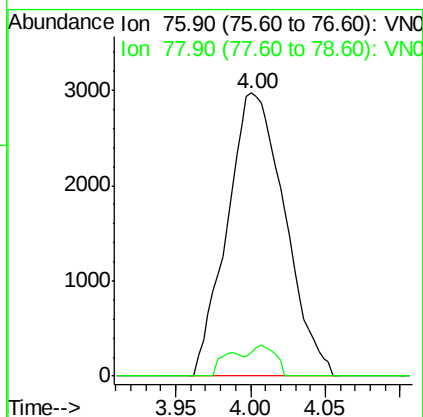
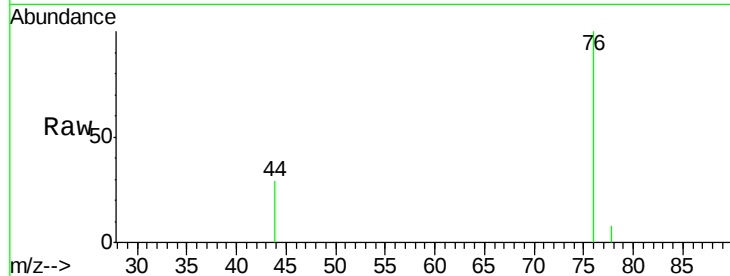




#17
Carbon Disulfide
Concen: 1.154 ug/l
RT: 4.00 min Scan# 703
Delta R.T. -0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

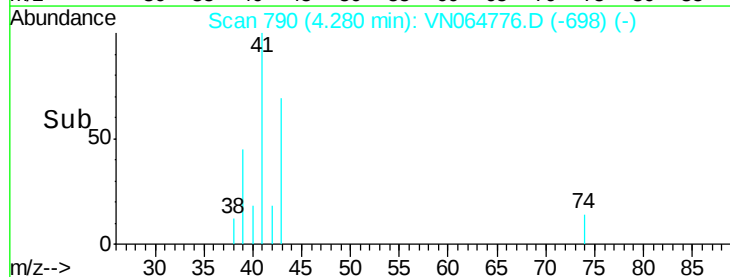
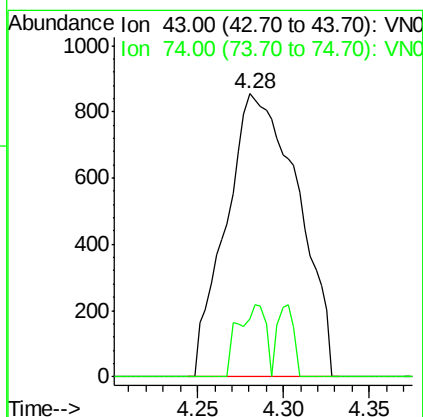
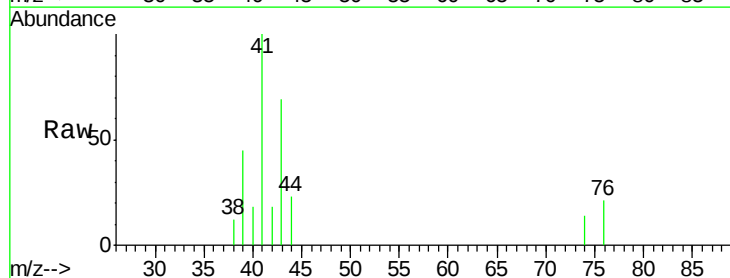
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

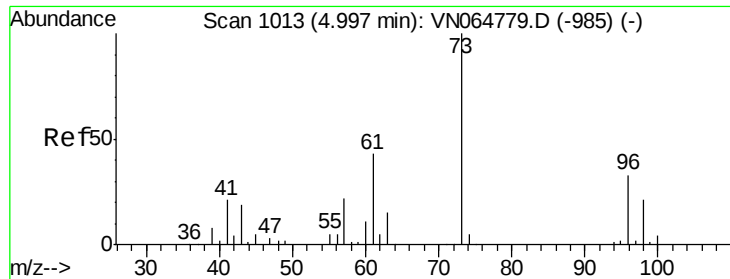
Tgt Ion: 76 Resp: 7943
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0



#18
Methyl Acetate
Concen: 0.892 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion: 43 Resp: 2481
Ion Ratio Lower Upper
43 100
74 9.6 20.2 30.2#

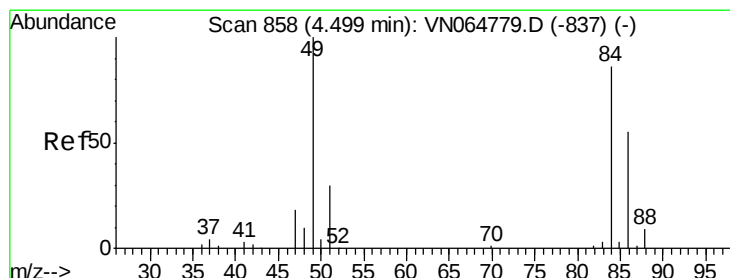
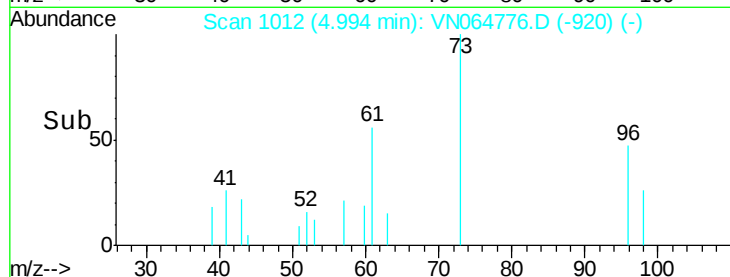
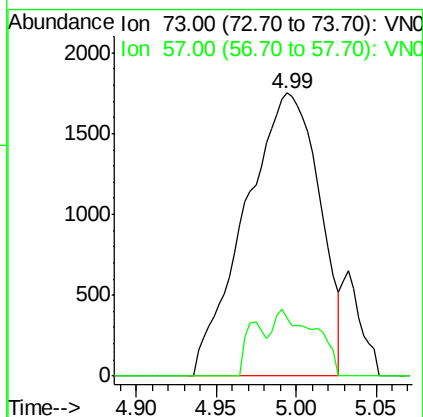
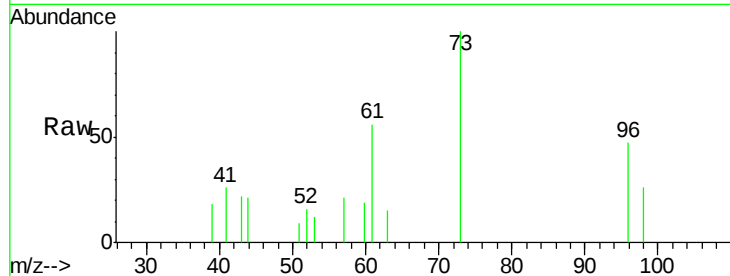




#19
Methyl tert-butyl Ether
Concen: 0.758 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

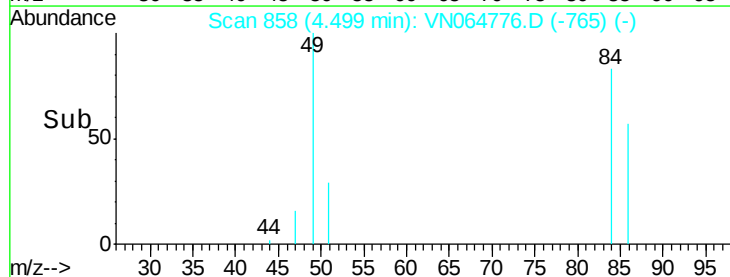
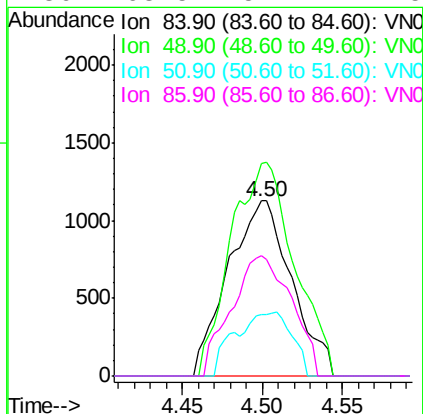
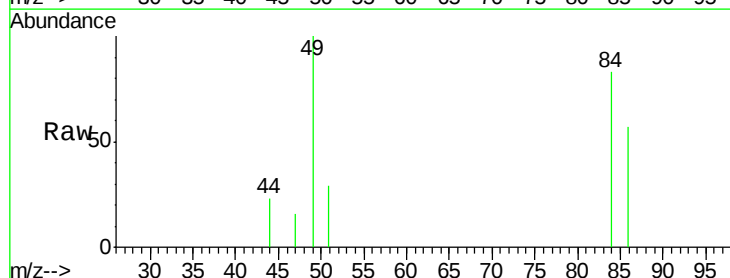
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

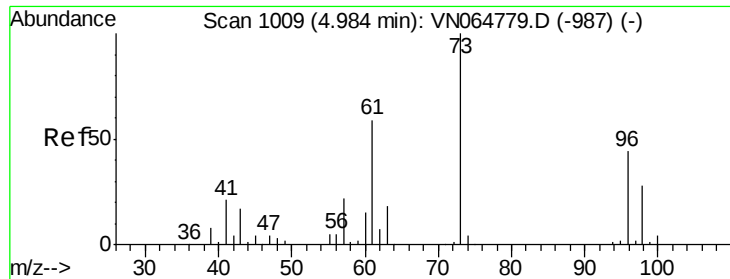
Tgt Ion: 73 Resp: 5615
Ion Ratio Lower Upper
73 100
57 20.7 17.4 26.0



#20
Methylene Chloride
Concen: 1.133 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion: 84 Resp: 3067
Ion Ratio Lower Upper
84 100
49 121.0 93.4 140.0
51 35.3 28.2 42.4
86 68.5 51.7 77.5

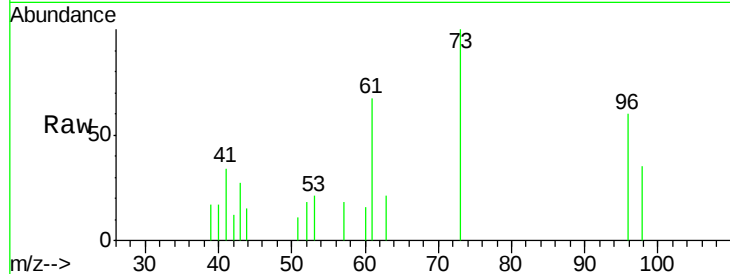




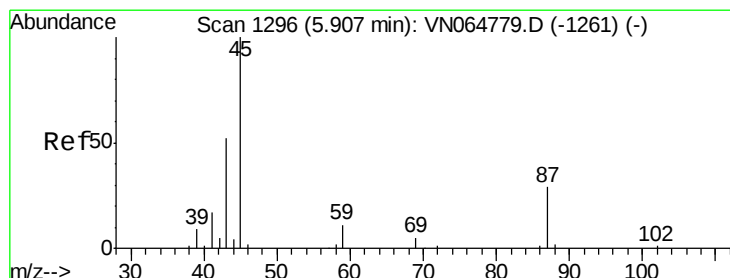
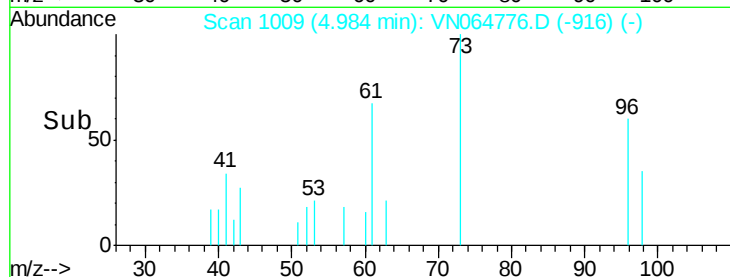
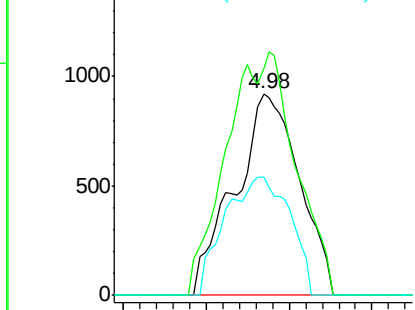
#21
trans-1,2-Dichloroethene
Concen: 1.003 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tgt Ion: 96 Resp: 2498
Ion Ratio Lower Upper
96 100
61 112.4 108.4 162.6
98 58.5 51.3 76.9

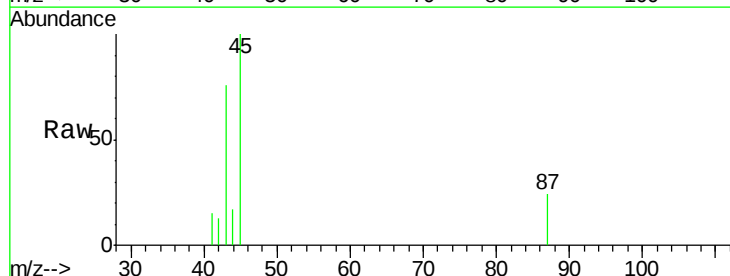


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

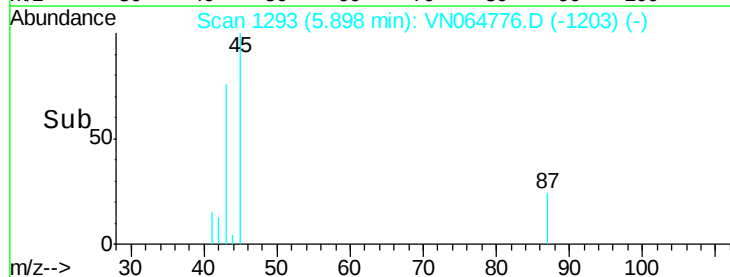
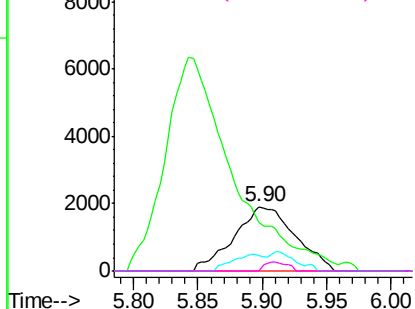


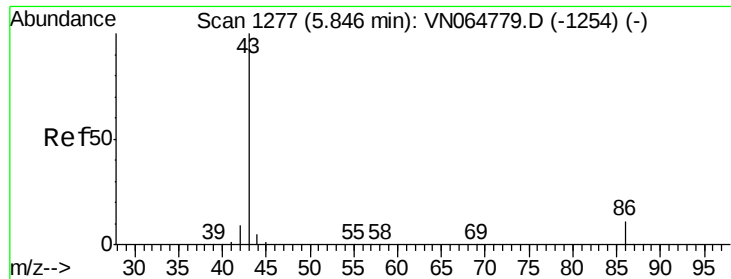
#22
Diisopropyl ether
Concen: 0.787 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion: 45 Resp: 6286
Ion Ratio Lower Upper
45 100
43 66.2 46.2 69.2
87 24.5 24.1 36.1
59 0.0 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

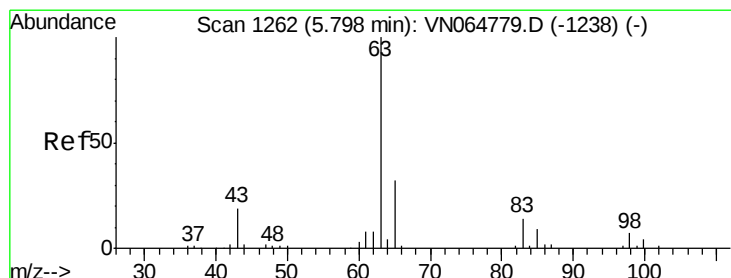
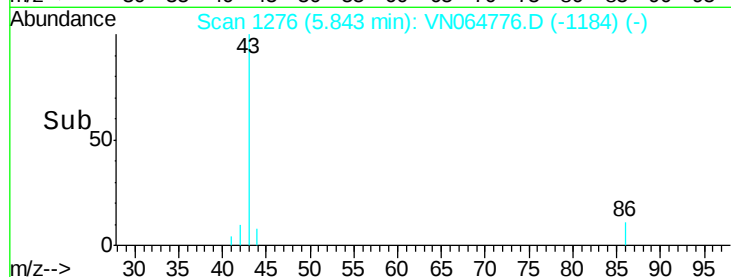
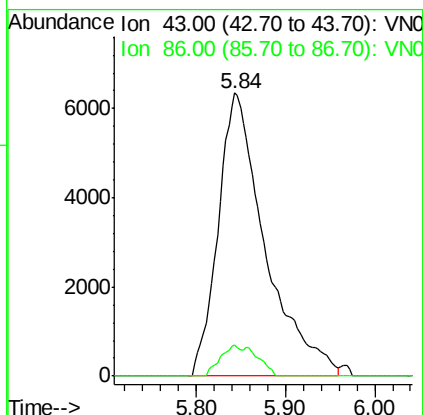
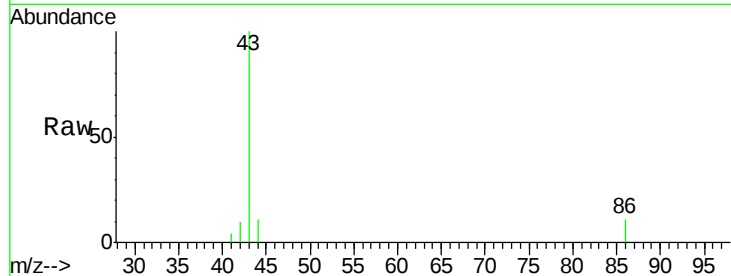




#23
 Vinyl Acetate
 Concen: 3.607 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

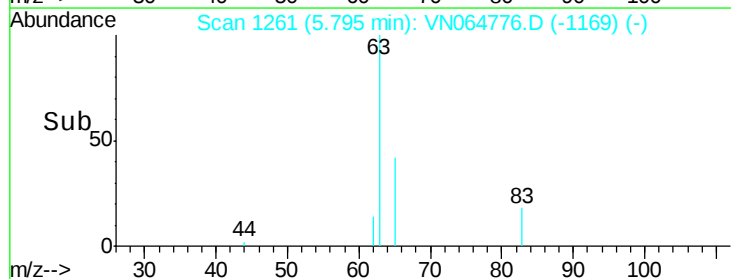
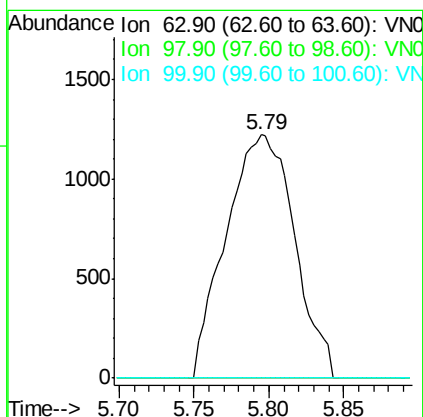
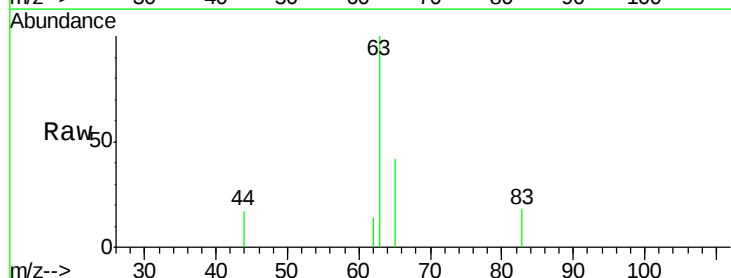
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 23201
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 0.826 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion: 63 Resp: 3889
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.5#
 100 0.0 2.3 6.8#

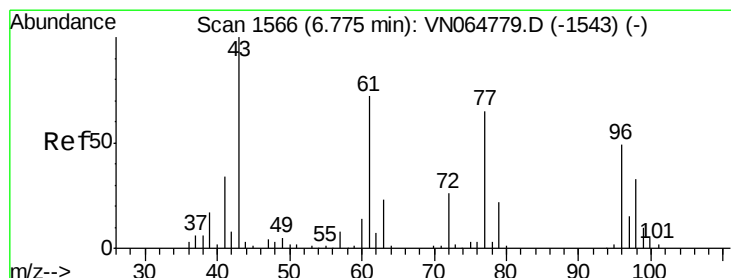
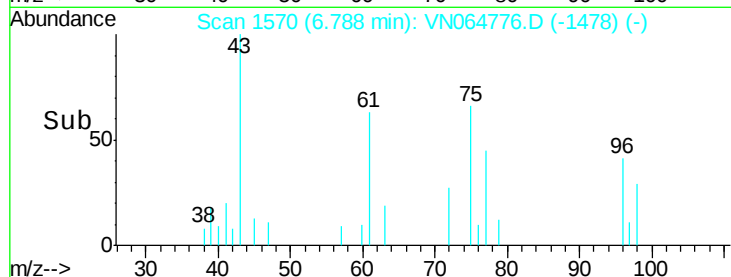
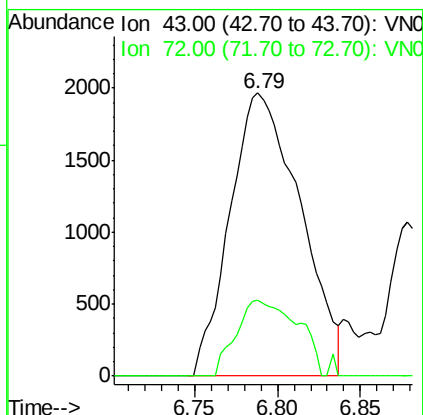
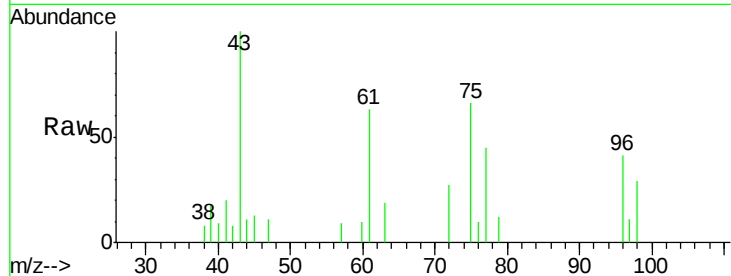




#25
2-Butanone
Concen: 4.102 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

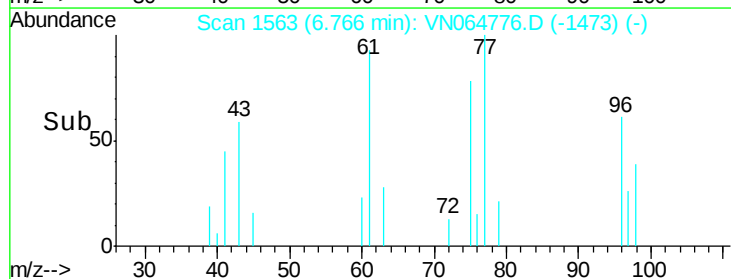
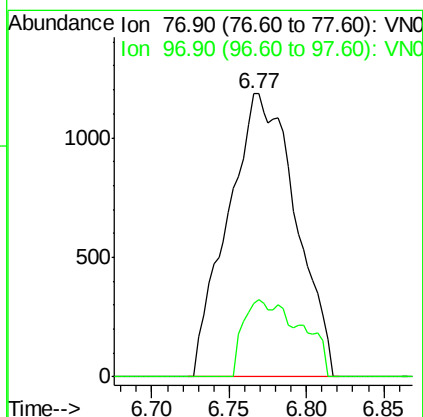
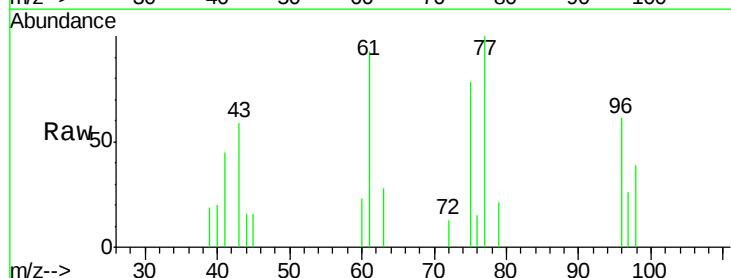
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

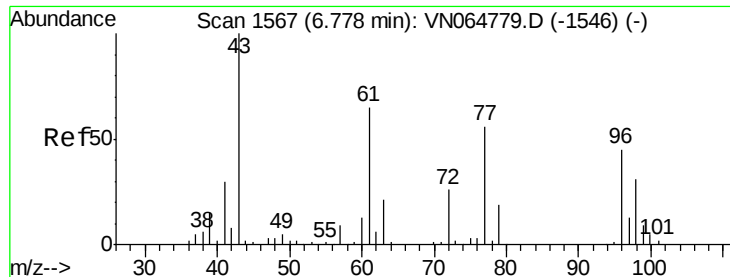
Tgt Ion: 43 Resp: 5784
Ion Ratio Lower Upper
43 100
72 26.7 21.0 31.6



#26
2,2-Dichloropropane
Concen: 0.820 ug/l
RT: 6.77 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion: 77 Resp: 3605
Ion Ratio Lower Upper
77 100
97 23.1 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 0.916 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

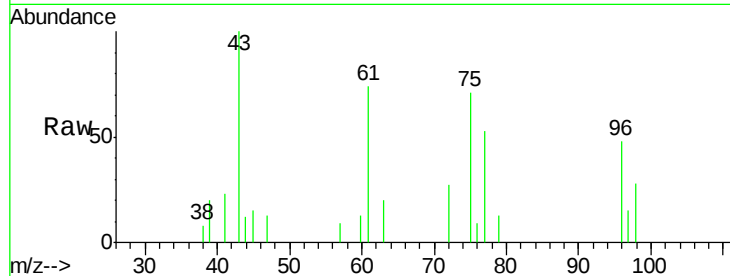
Tgt Ion: 96 Resp: 2519

Ion Ratio Lower Upper

96 100

61 160.0 0.0 285.8

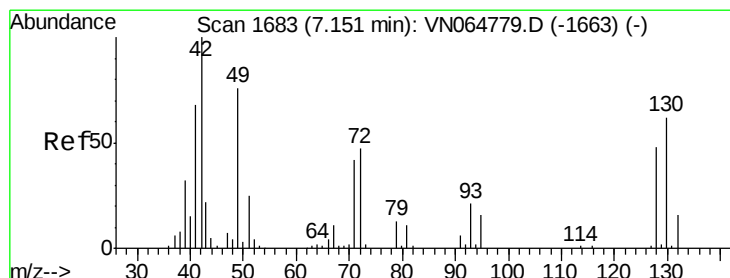
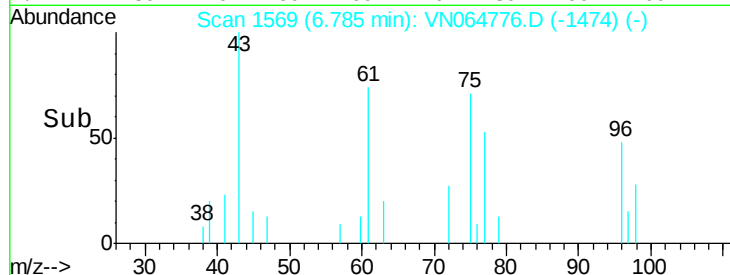
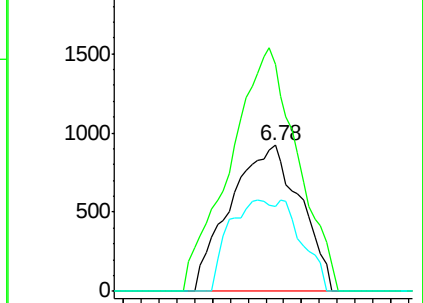
98 40.2 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064776.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064776.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064776.D (-1546) (-)



#28

Bromochloromethane

Concen: 0.746 ug/l

RT: 7.14 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

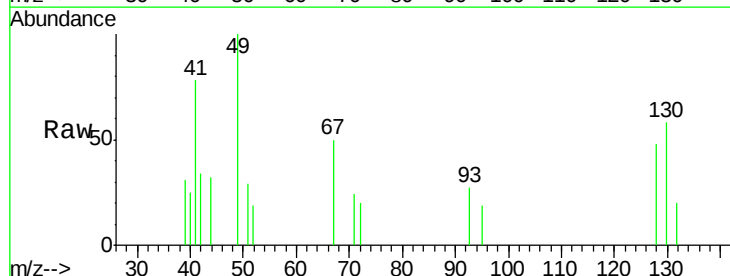
Tgt Ion: 49 Resp: 1757

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

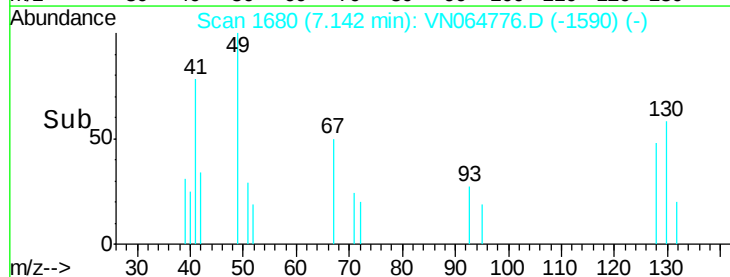
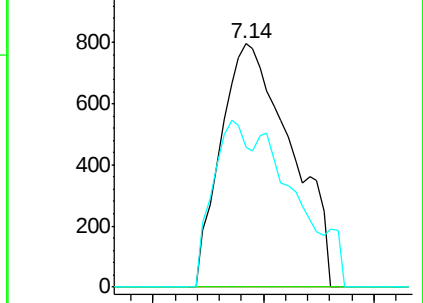
130 37.0 66.2 99.2#



Abundance Ion 48.90 (48.60 to 49.60): VN064776.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN064776.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN064776.D (-1590) (-)





#29

Tetrahydrofuran

Concen: 4.352 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

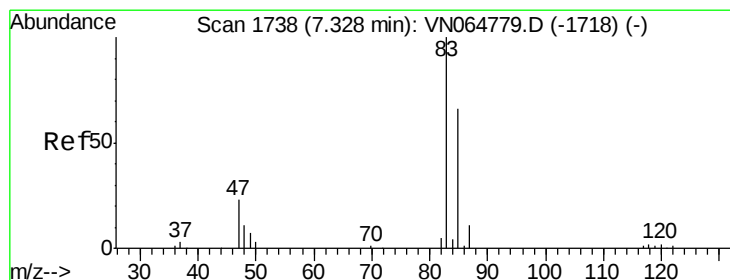
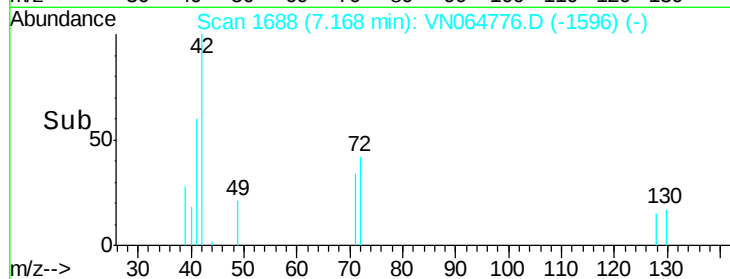
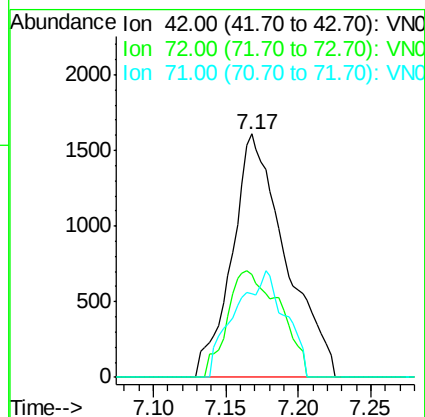
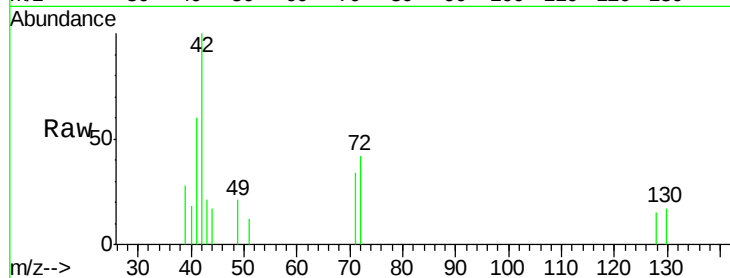
Tgt Ion: 42 Resp: 4134

Ion Ratio Lower Upper

42 100

72 42.9 36.6 54.8

71 40.9 33.6 50.4



#30

Chloroform

Concen: 0.836 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064776.D

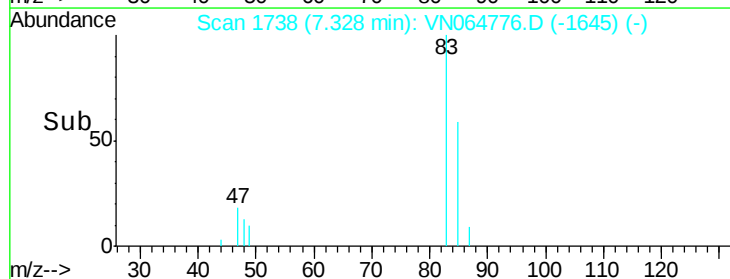
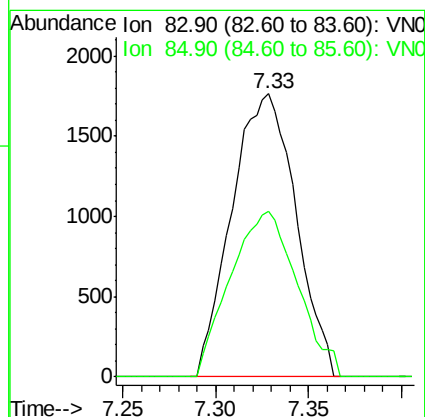
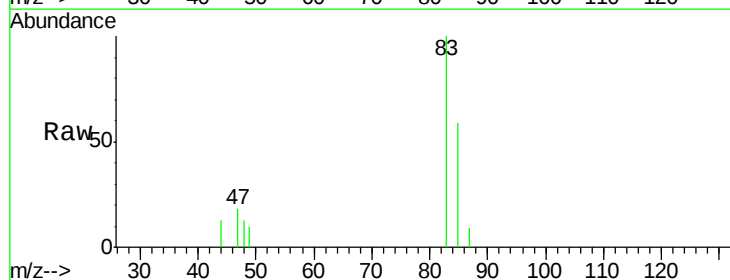
Acq: 23 Nov 2020 11:22

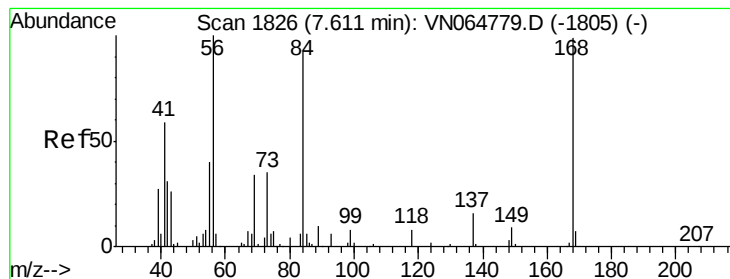
Tgt Ion: 83 Resp: 4230

Ion Ratio Lower Upper

83 100

85 58.7 52.6 78.8





#31

Cyclohexane

Concen: 1.711 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

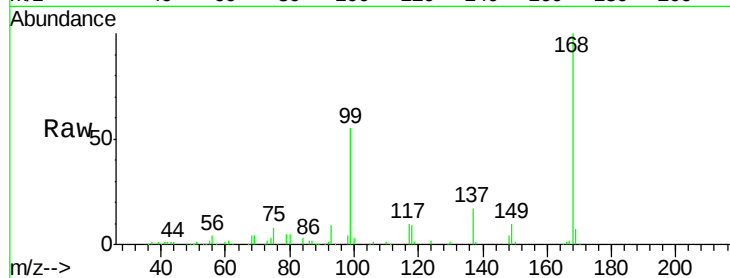
Tgt Ion: 56 Resp: 6695

Ion Ratio Lower Upper

56 100

69 108.1 27.5 41.3#

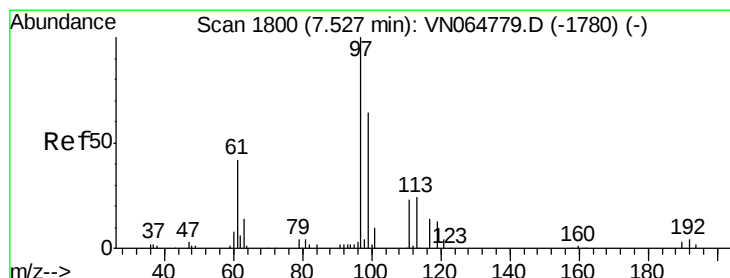
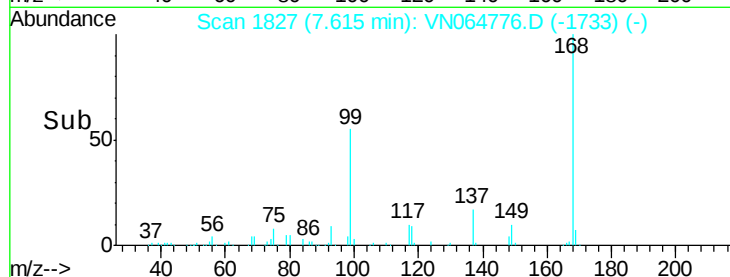
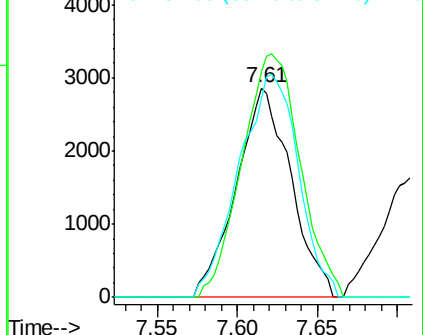
84 95.3 73.9 110.9



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: 0.754 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

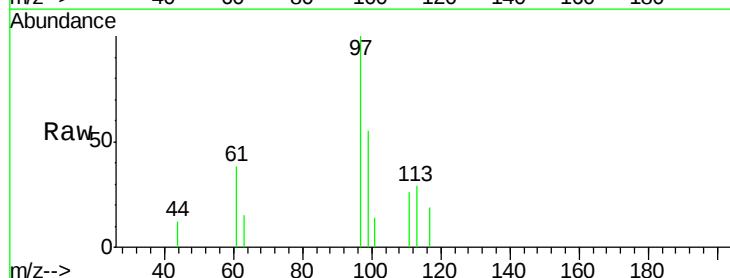
Tgt Ion: 97 Resp: 3472

Ion Ratio Lower Upper

97 100

99 0.0 51.7 77.5#

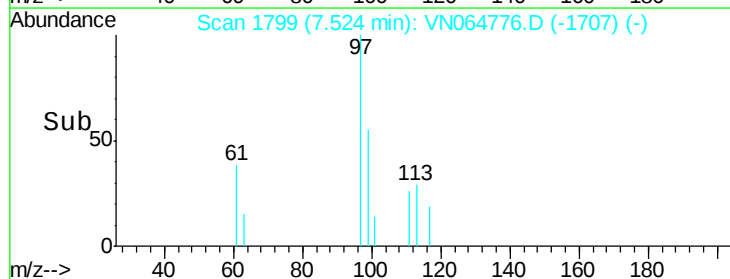
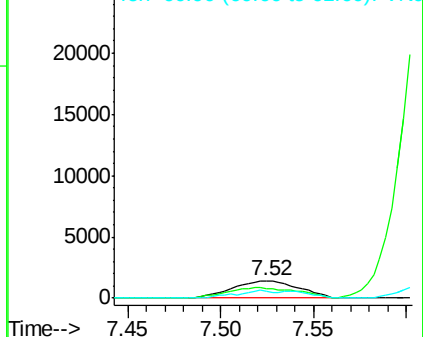
61 23.6 33.9 50.9#

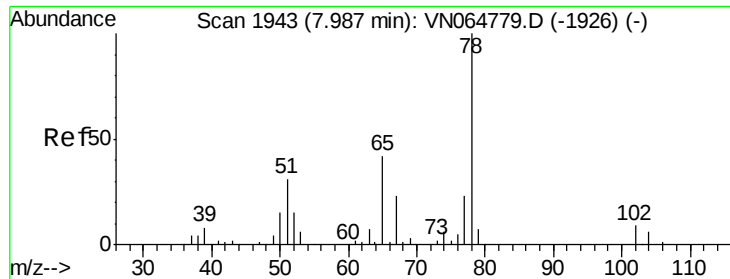


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 0.713 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

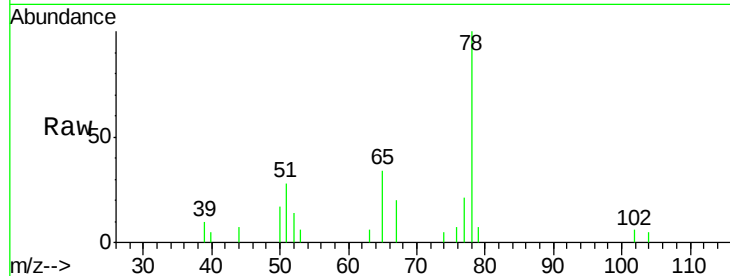
VSTDIC001

Tgt Ion: 65 Resp: 2490

Ion Ratio Lower Upper

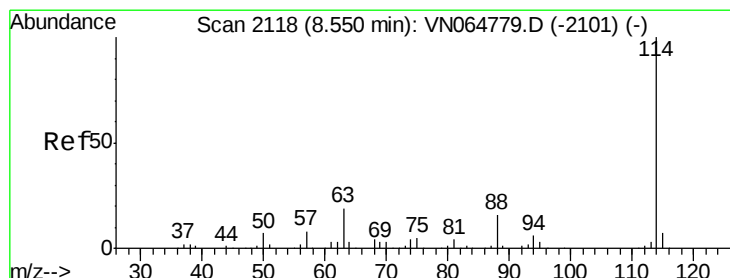
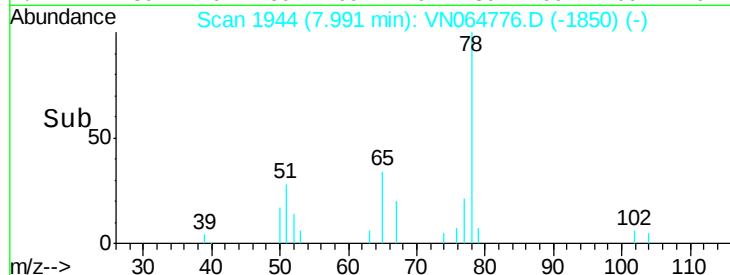
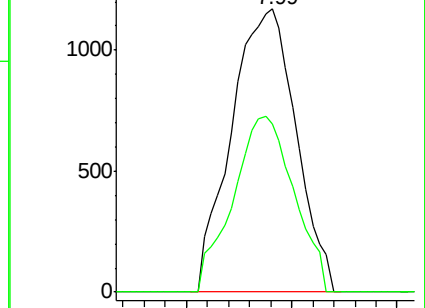
65 100

67 58.8 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

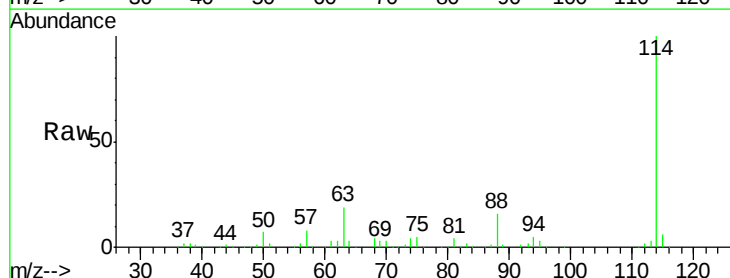
Tgt Ion: 114 Resp: 338180

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

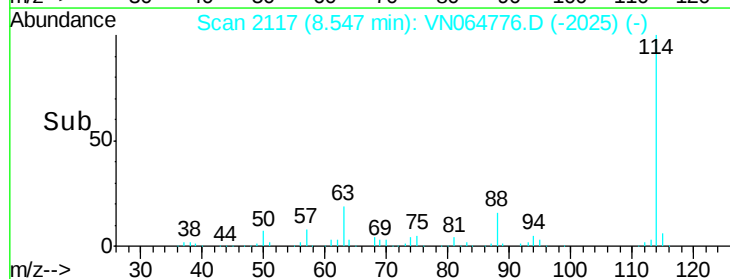
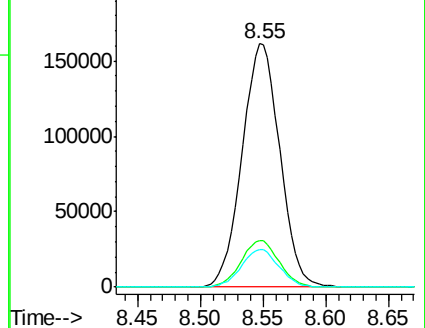
88 15.7 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

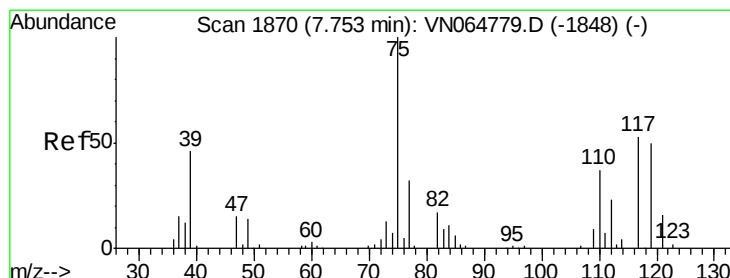
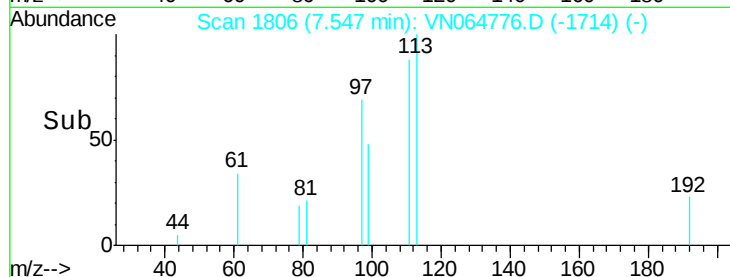
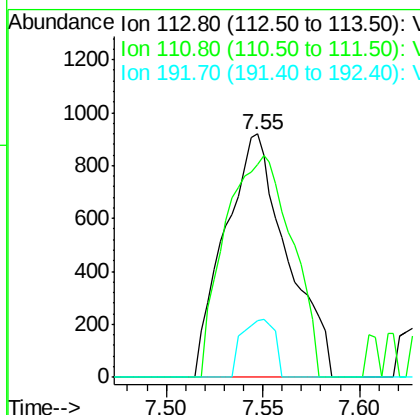
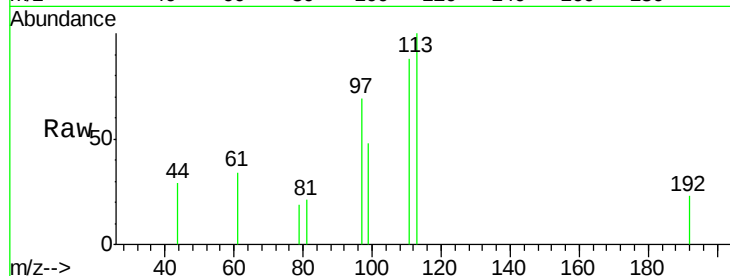




#35
 Dibromofluoromethane
 Concen: 1.058 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

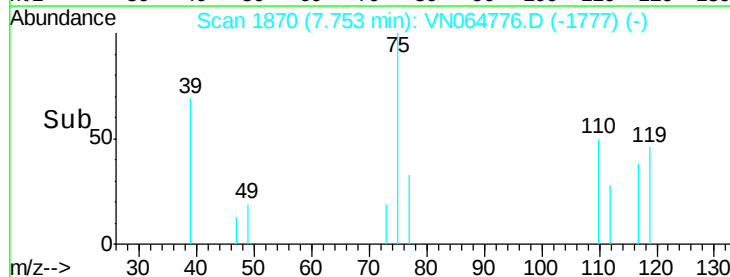
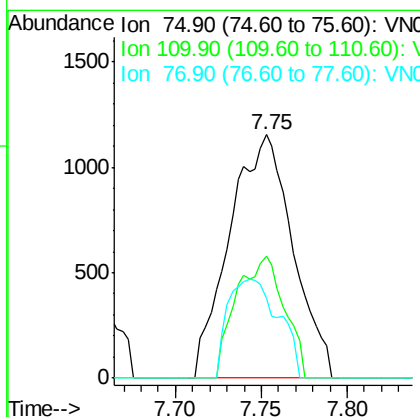
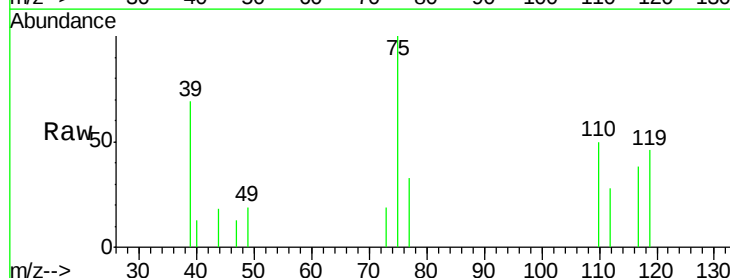
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

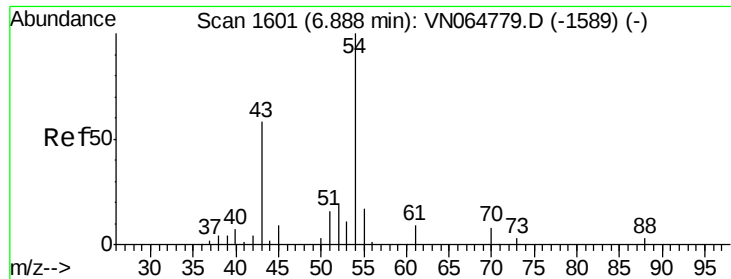
Tgt Ion: 113 Resp: 2055
 Ion Ratio Lower Upper
 113 100
 111 98.1 81.6 122.4
 192 12.5 16.2 24.2#



#36
 1,1-Dichloropropene
 Concen: 0.866 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion: 75 Resp: 2955
 Ion Ratio Lower Upper
 75 100
 110 37.8 17.8 53.3
 77 32.3 25.0 37.4

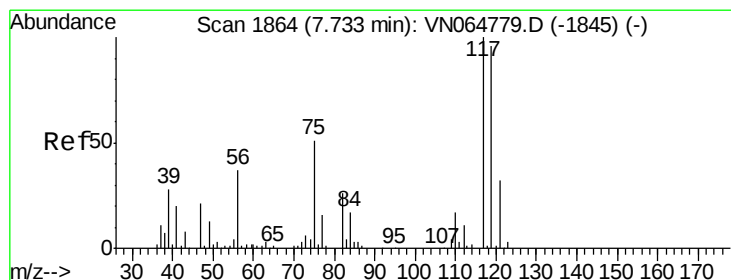
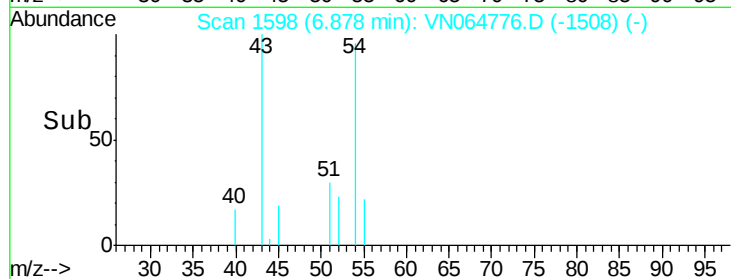
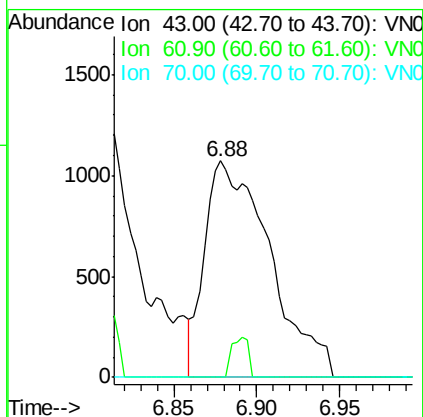
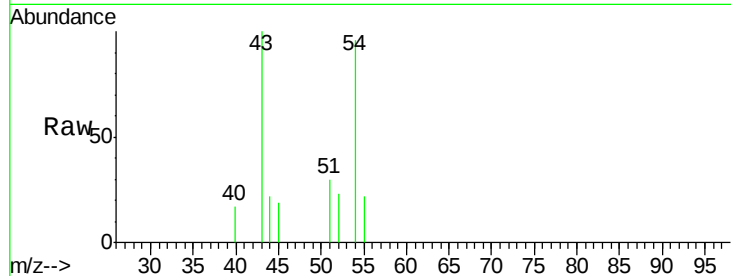




#37
Ethyl Acetate
Concen: 1.013 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

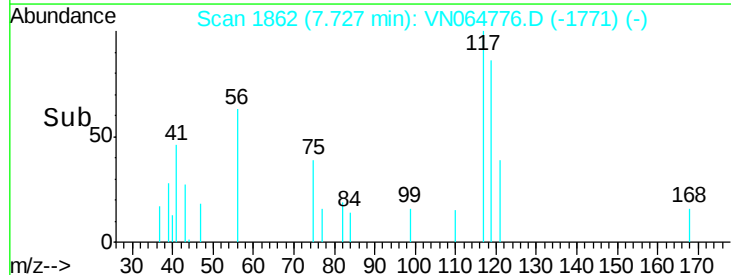
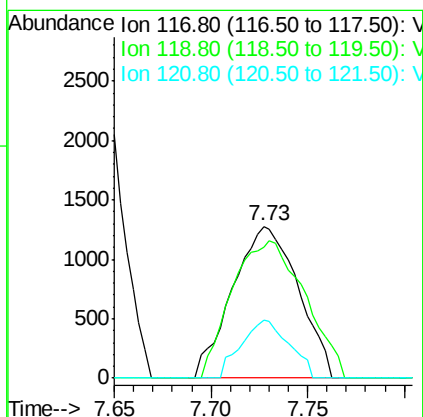
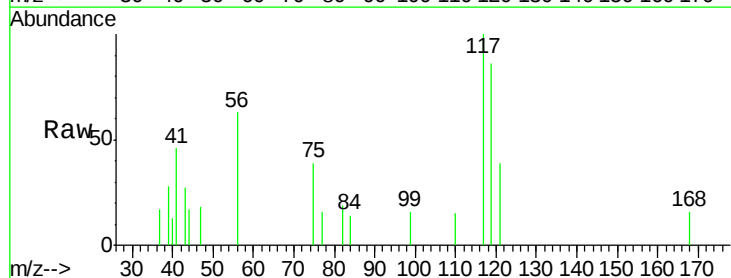
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

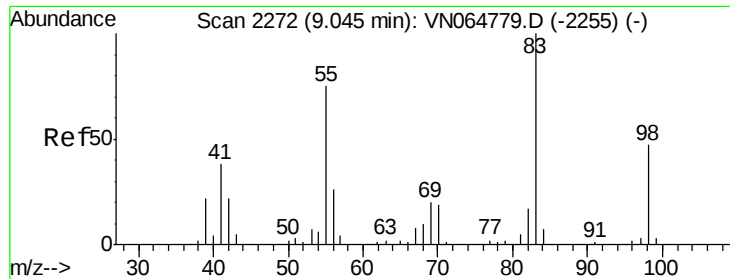
Tgt Ion: 43 Resp: 2935
Ion Ratio Lower Upper
43 100
61 4.8 12.8 19.2#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 0.836 ug/l
RT: 7.73 min Scan# 1862
Delta R.T. -0.01 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion: 117 Resp: 3005
Ion Ratio Lower Upper
117 100
119 85.9 76.7 115.1
121 38.6 25.4 38.2#

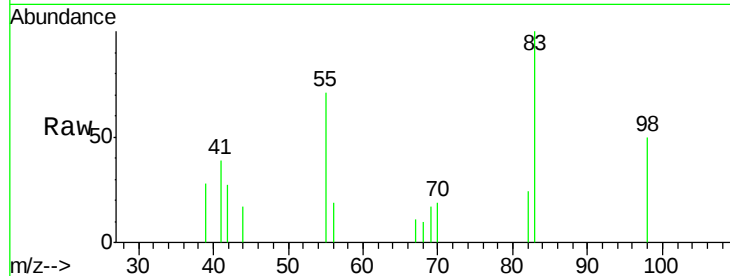




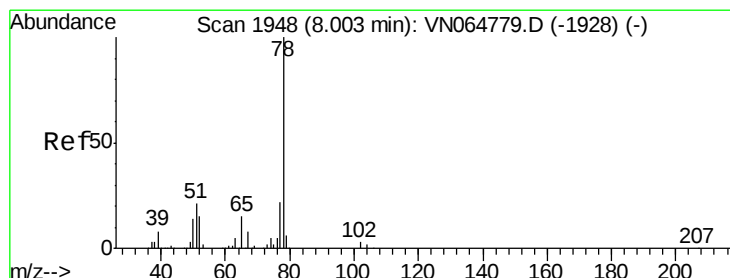
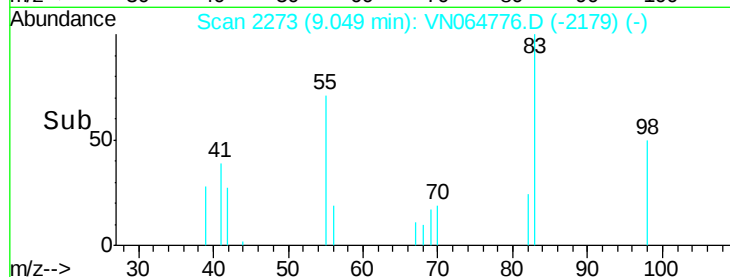
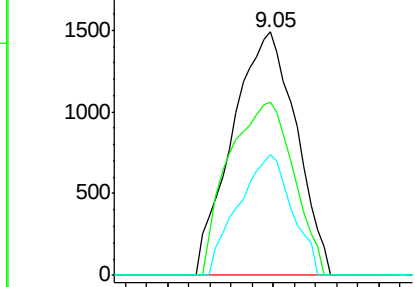
#39
Methylcyclohexane
Concen: 1.003 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 3132
Ion Ratio Lower Upper
83 100
55 70.9 60.2 90.2
98 49.7 37.4 56.2

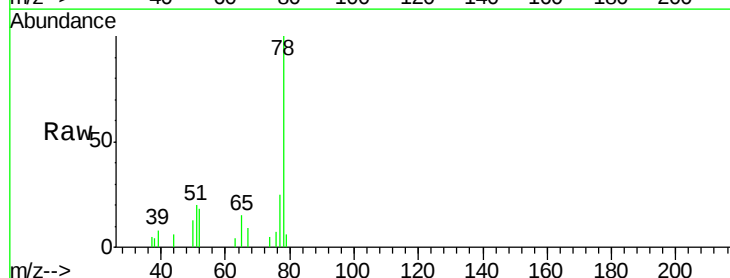


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

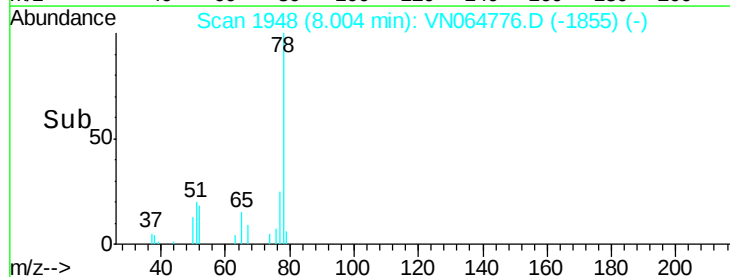
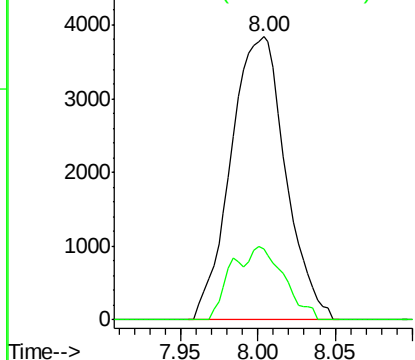


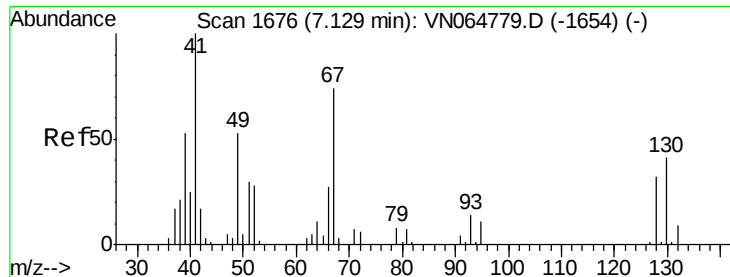
#40
Benzene
Concen: 0.983 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion: 78 Resp: 9451
Ion Ratio Lower Upper
78 100
77 25.2 17.9 26.9



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

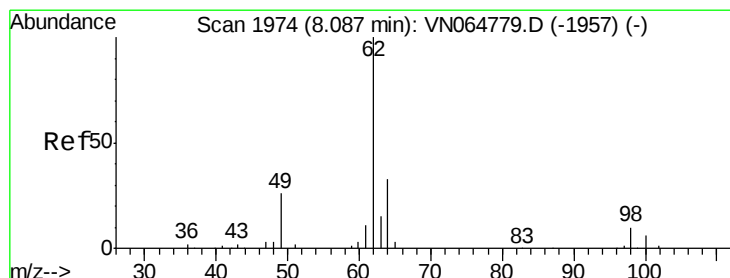
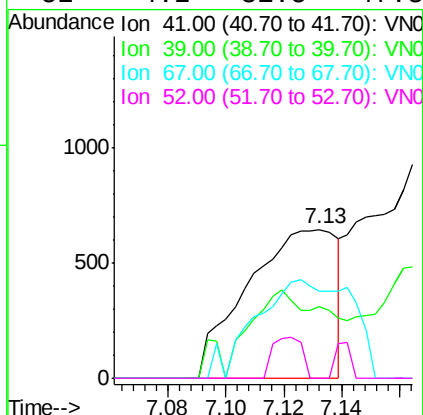
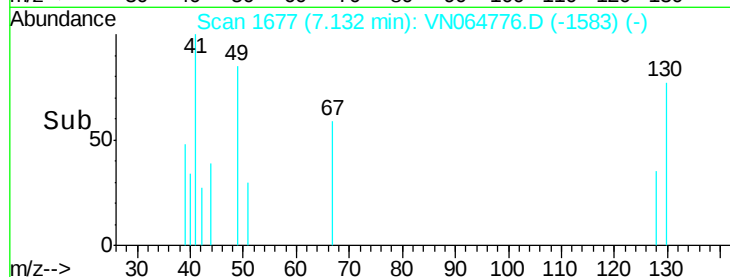
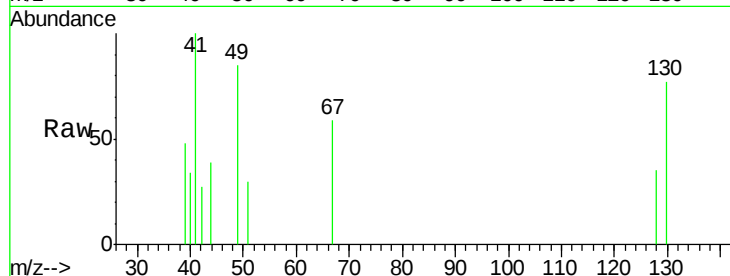




#41
Methacrylonitrile
Concen: 1.059 ug/l
RT: 7.13 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

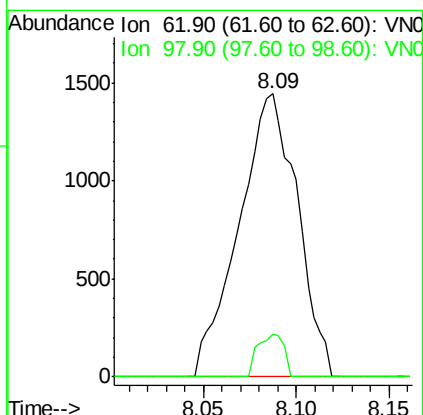
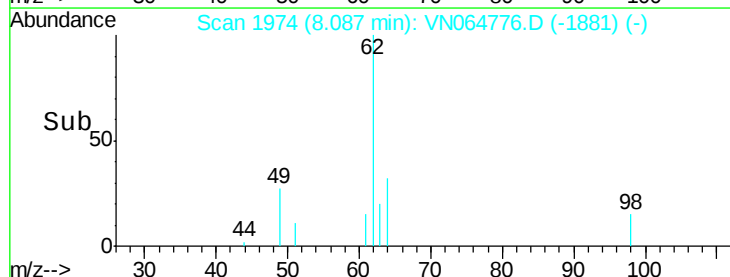
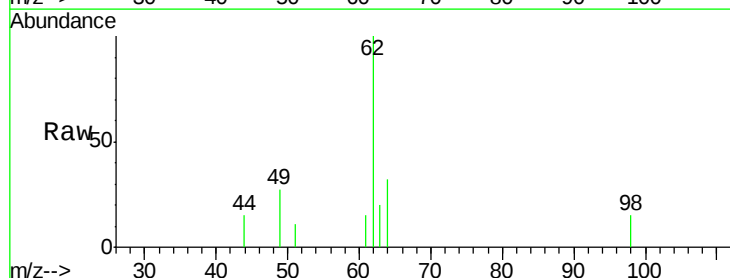
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

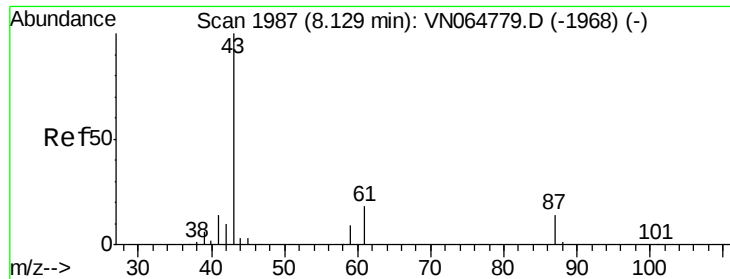
Tgt Ion: 41 Resp: 1391
Ion Ratio Lower Upper
41 100
39 0.0 51.0 76.6#
67 0.0 79.8 119.8#
52 4.2 31.5 47.3#



#42
1,2-Dichloroethane
Concen: 0.795 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion: 62 Resp: 3171
Ion Ratio Lower Upper
62 100
98 6.6 0.0 19.6





#43

Isopropyl Acetate

Concen: 0.780 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

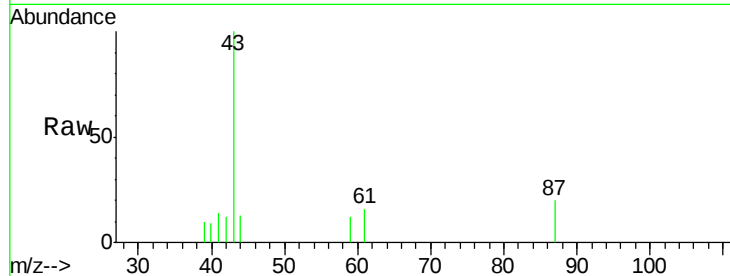
Tgt Ion: 43 Resp: 4309

Ion Ratio Lower Upper

43 100

61 13.9 17.2 25.8#

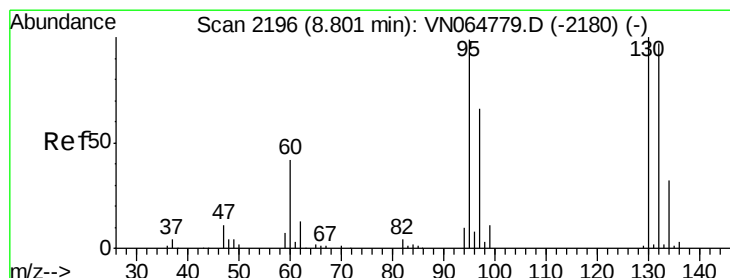
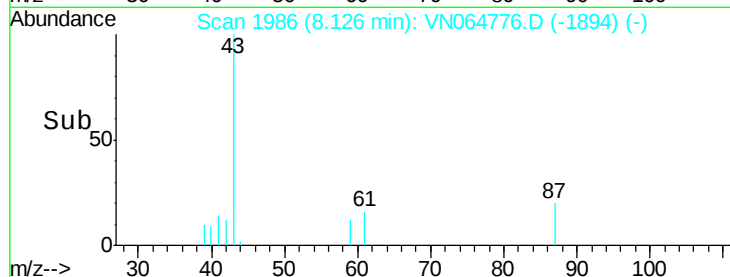
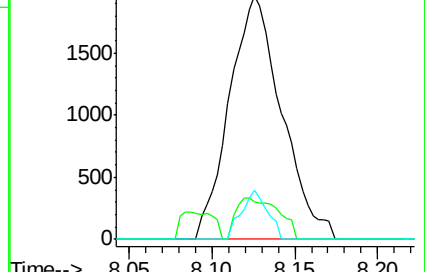
87 10.0 11.4 17.0#



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: 1.097 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064776.D

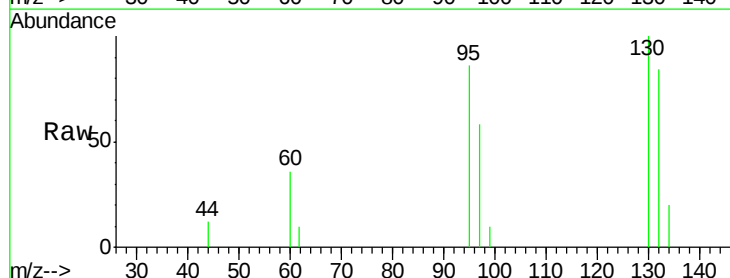
Acq: 23 Nov 2020 11:22

Tgt Ion: 130 Resp: 3061

Ion Ratio Lower Upper

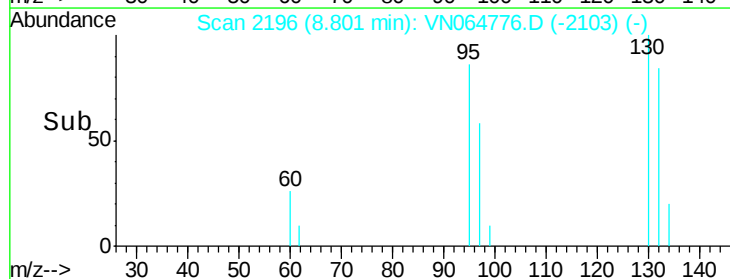
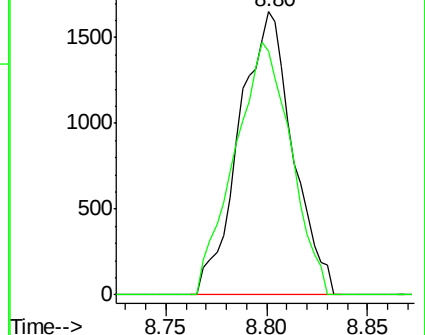
130 100

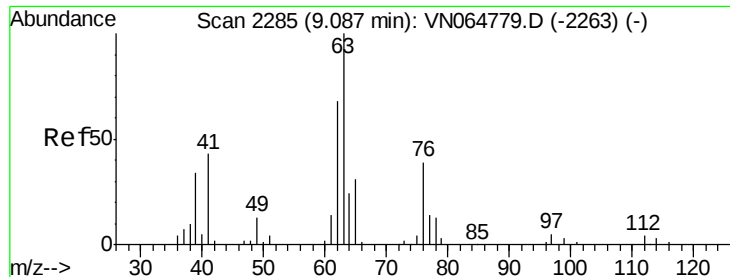
95 86.2 0.0 197.8



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

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

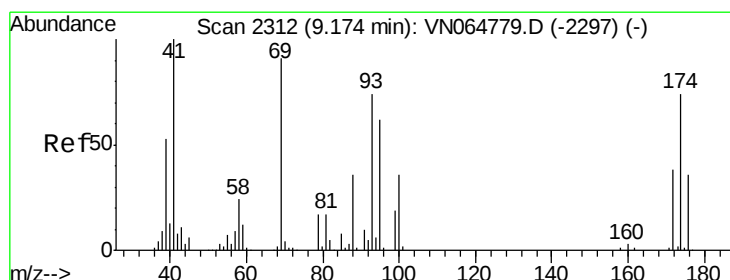
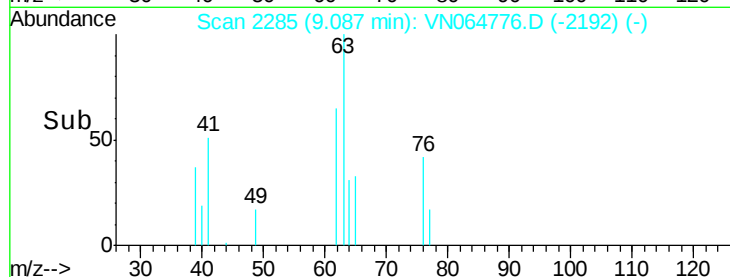
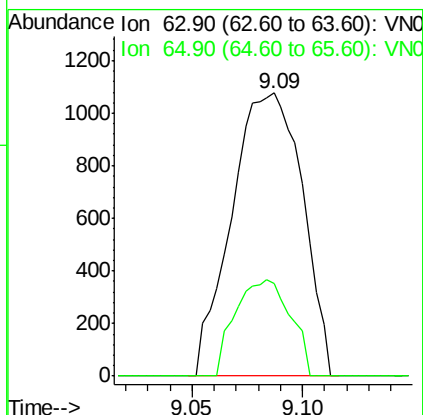
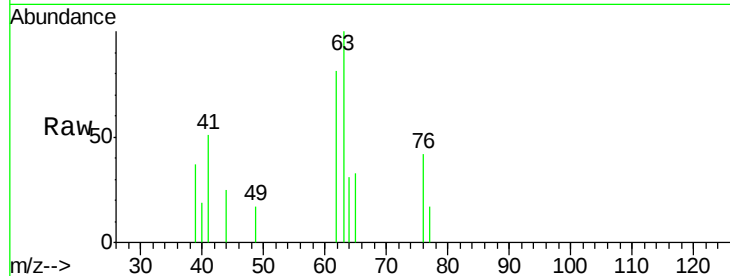




#45
 1,2-Dichloropropane
 Concen: 0.938 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

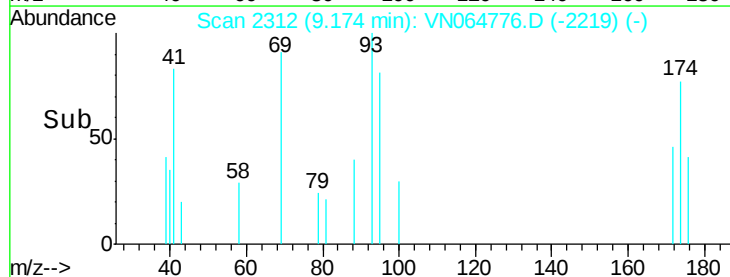
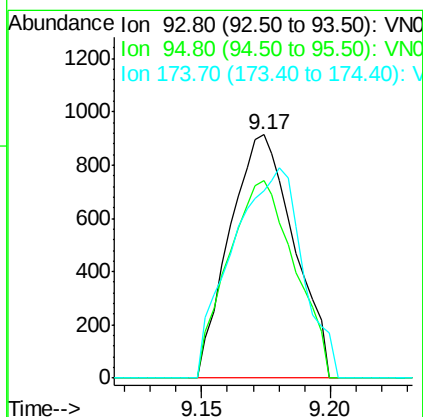
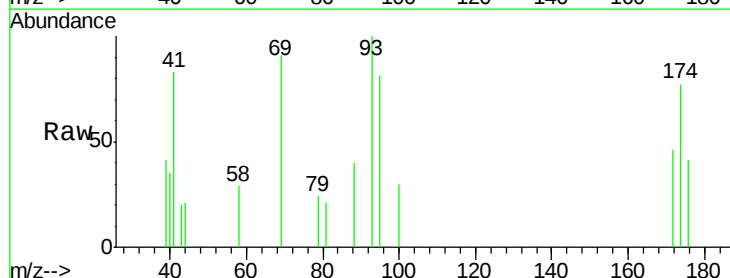
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

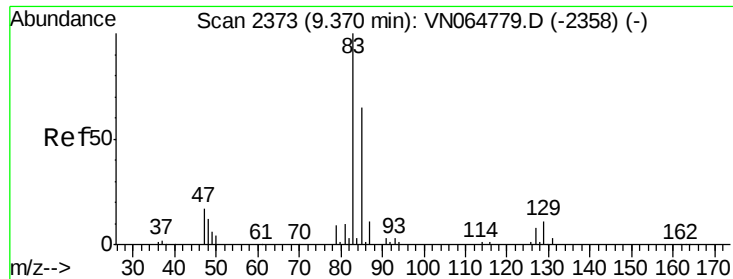
Tgt Ion: 63 Resp: 2393
 Ion Ratio Lower Upper
 63 100
 65 33.0 25.0 37.4



#46
 Dibromomethane
 Concen: 0.887 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion: 93 Resp: 1587
 Ion Ratio Lower Upper
 93 100
 95 84.2 68.8 103.2
 174 94.6 83.1 124.7





#47

Bromodichloromethane

Concen: 0.829 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

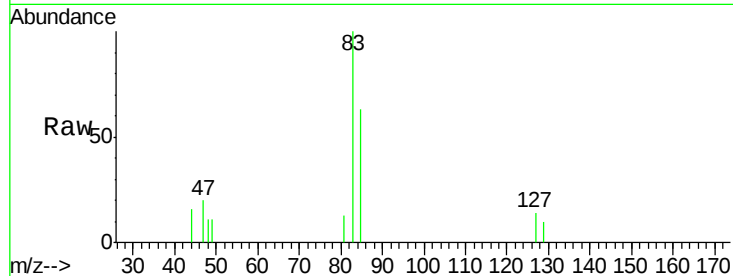
Tgt Ion: 83 Resp: 3104

Ion Ratio Lower Upper

83 100

85 63.0 51.8 77.8

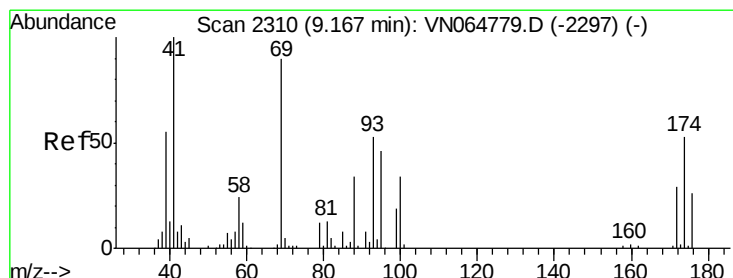
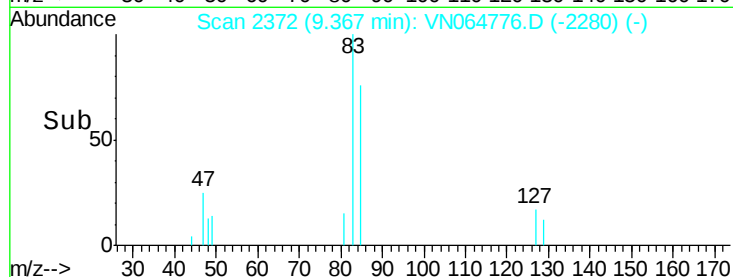
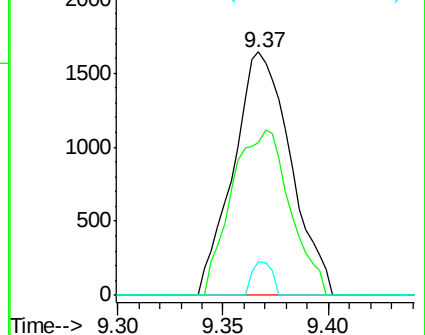
127 13.8 6.8 10.2#



Abundance Ion 82.90 (82.60 to 83.60): VN064776.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064776.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064776.D (-2280) (-)



#48

Methyl methacrylate

Concen: 0.764 ug/l

RT: 9.16 min Scan# 2308

Delta R.T. -0.01 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

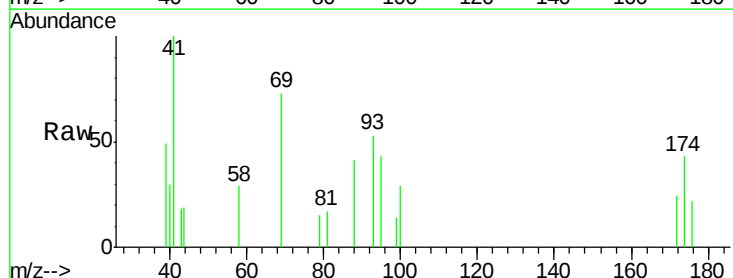
Tgt Ion: 41 Resp: 1987

Ion Ratio Lower Upper

41 100

69 38.5 71.8 107.8#

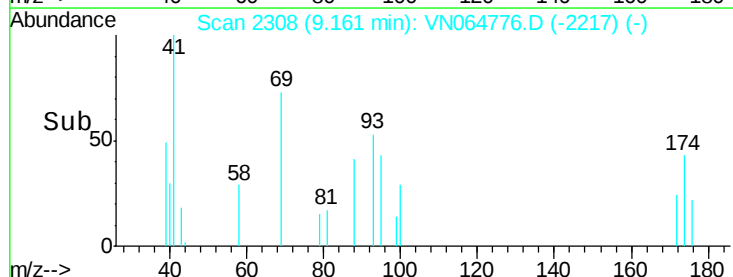
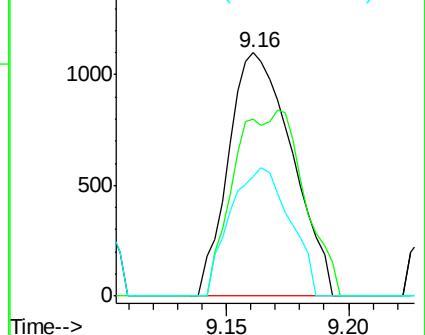
39 49.7 44.1 66.1

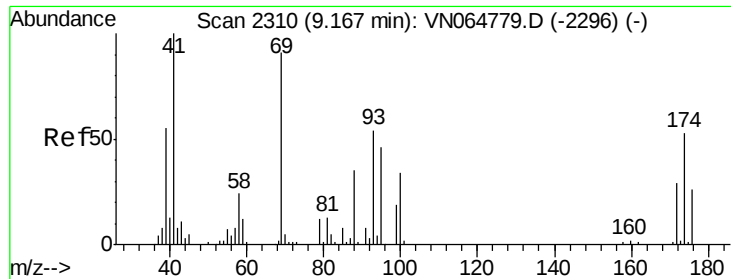


Abundance Ion 41.00 (40.70 to 41.70): VN064776.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064776.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064776.D (-2217) (-)

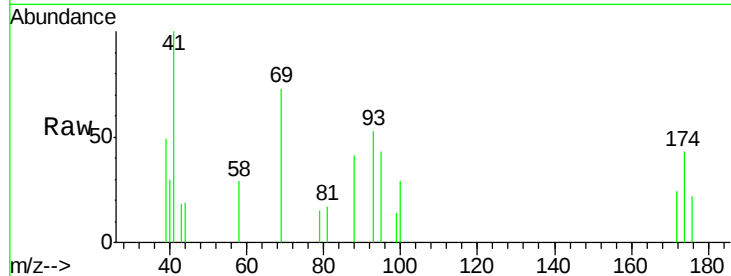




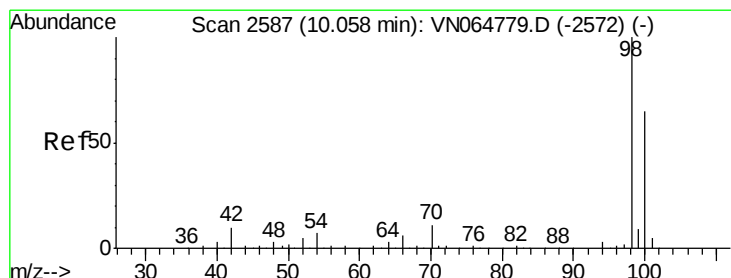
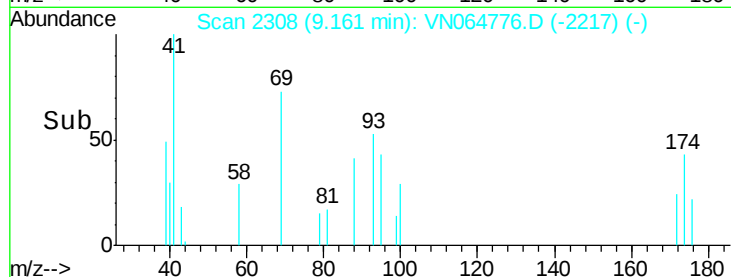
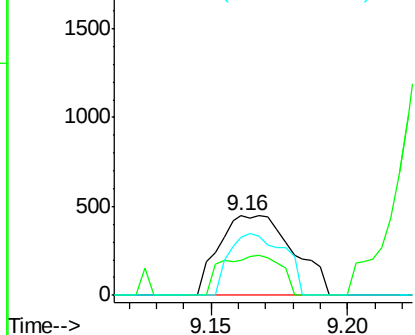
#49
 1,4-Dioxane
 Concen: 24.159 ug/l
 RT: 9.16 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 88 Resp: 849
 Ion Ratio Lower Upper
 88 100
 43 39.6 24.2 36.4#
 58 57.2 52.5 78.7

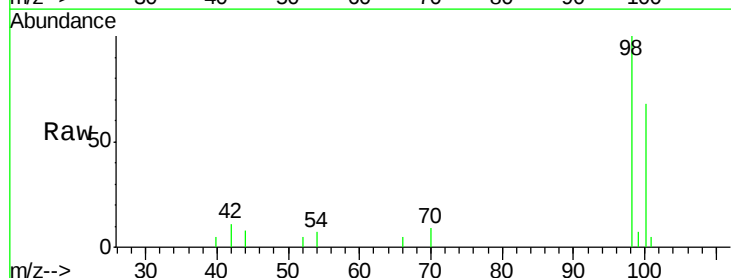


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

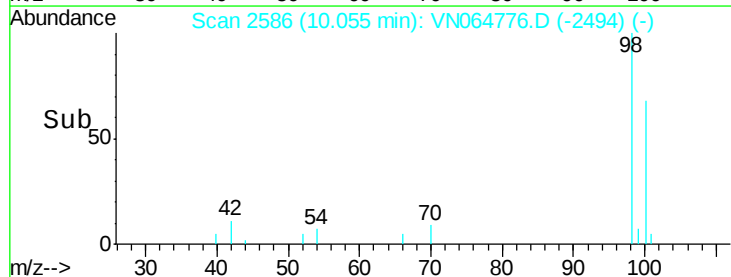
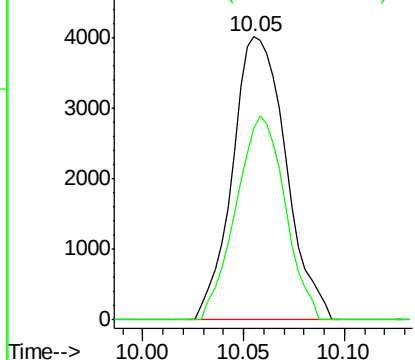


#50
 Toluene-d8
 Concen: 0.862 ug/l
 RT: 10.05 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion: 98 Resp: 7450
 Ion Ratio Lower Upper
 98 100
 100 66.1 51.7 77.5



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

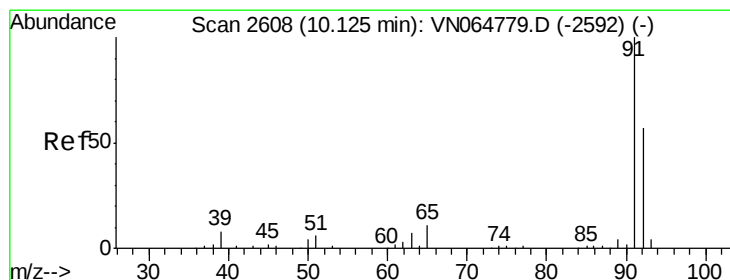
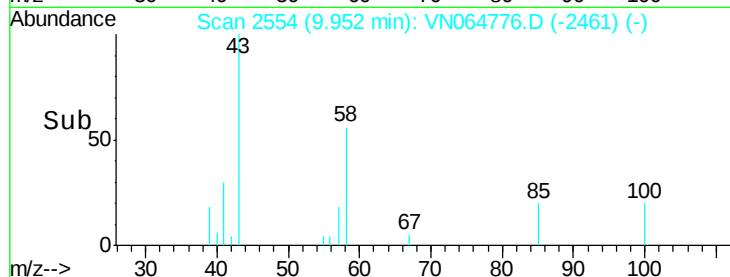
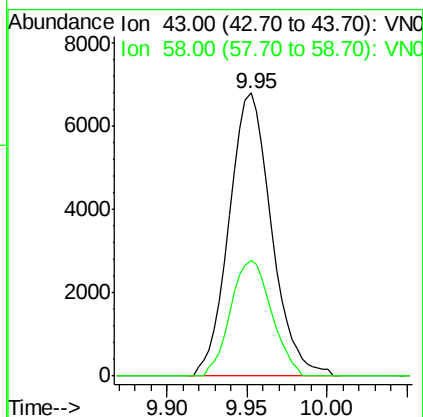
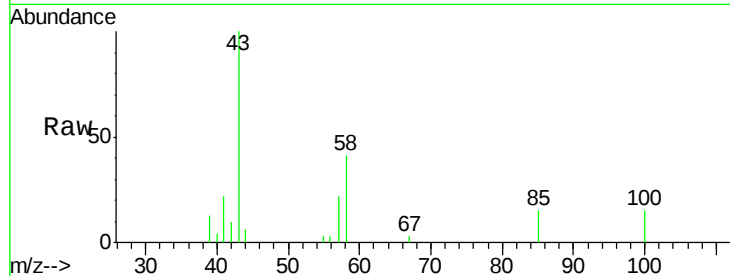




#51
 4-Methyl-2-Pentanone
 Concen: 4.083 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

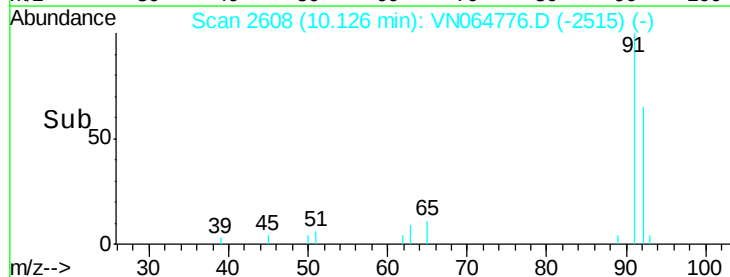
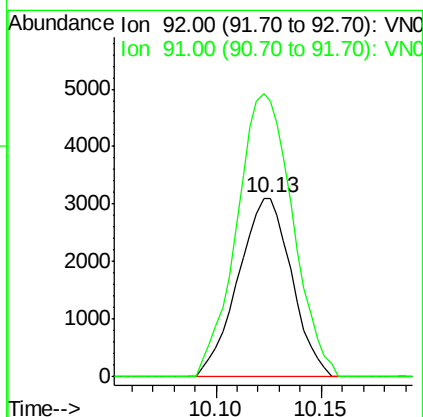
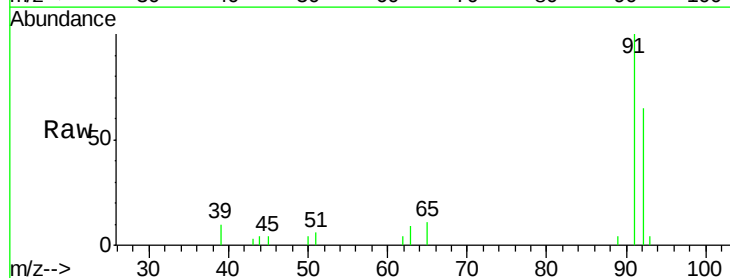
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

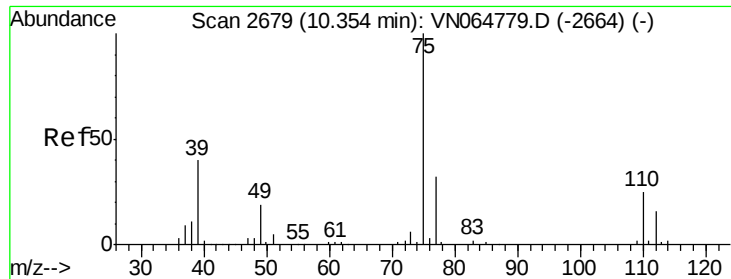
Tgt Ion: 43 Resp: 12286
 Ion Ratio Lower Upper
 43 100
 58 39.3 32.4 48.6



#52
 Toluene
 Concen: 0.925 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion: 92 Resp: 5458
 Ion Ratio Lower Upper
 92 100
 91 165.8 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 0.879 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

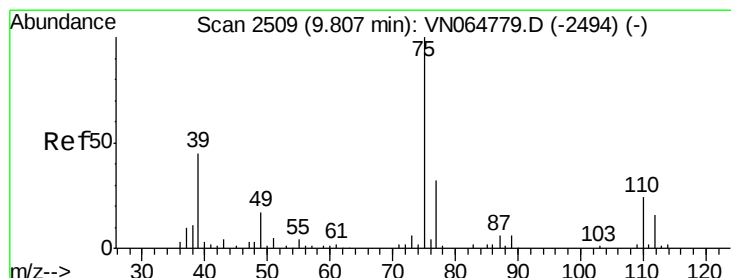
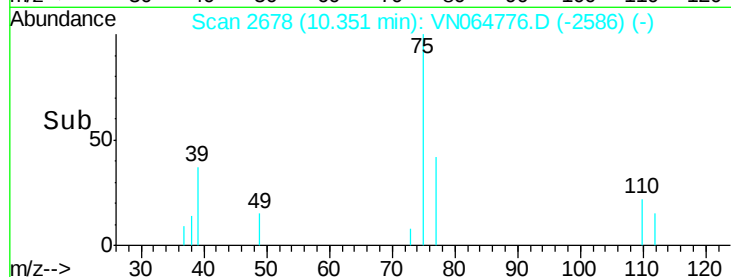
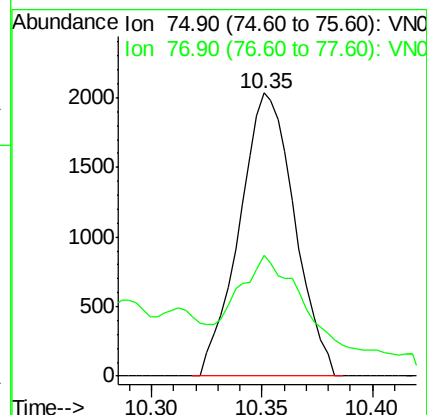
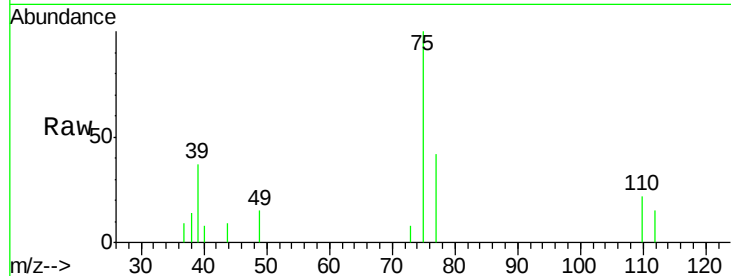
VSTDIC001

Tgt Ion: 75 Resp: 3527

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 0.830 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

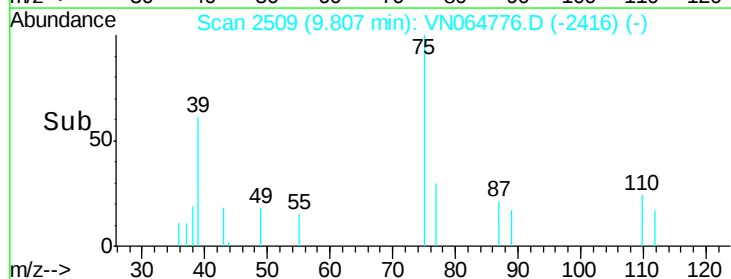
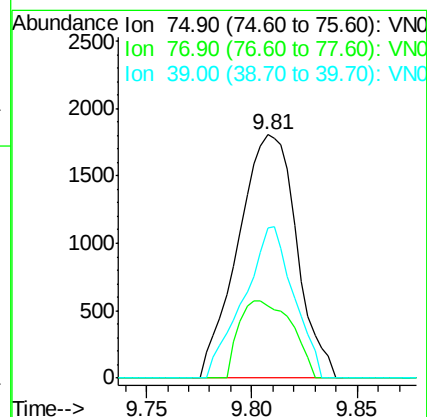
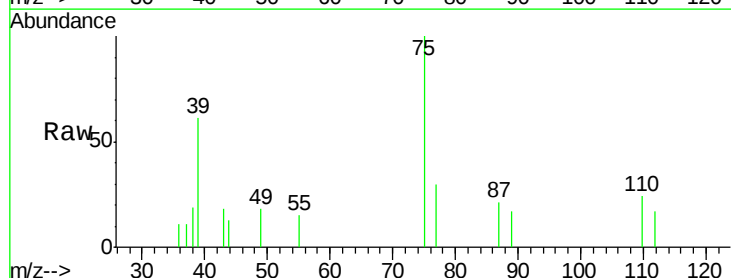
Tgt Ion: 75 Resp: 3476

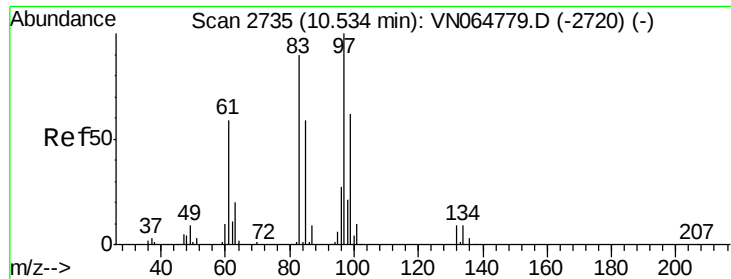
Ion Ratio Lower Upper

75 100

77 29.7 25.5 38.3

39 61.5 35.6 53.4#

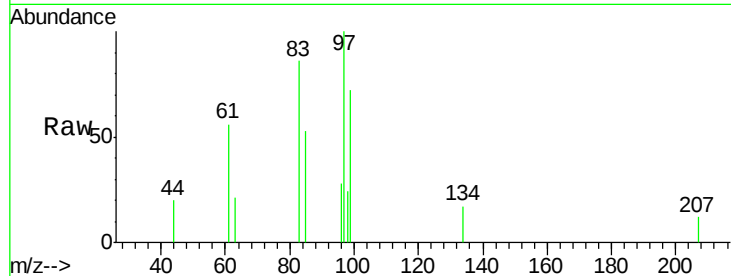




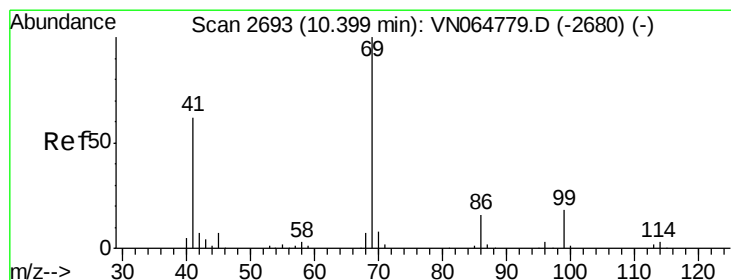
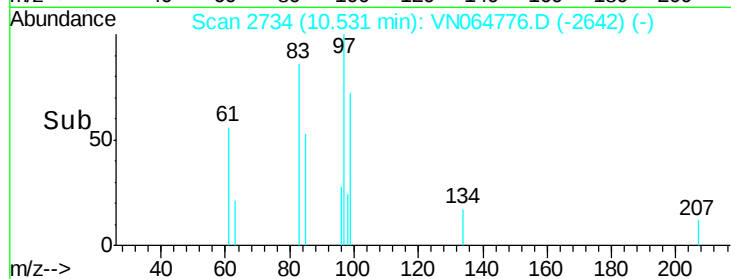
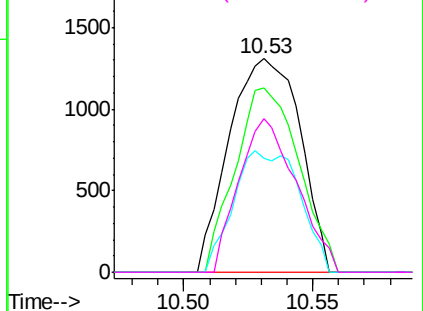
#55
 1,1,2-Trichloroethane
 Concen: 1.059 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:	97	Resp:	2505
Ion	Ratio	Lower	Upper
97	100		
83	86.5	72.1	108.1
85	53.1	46.8	70.2
99	72.2	49.6	74.4

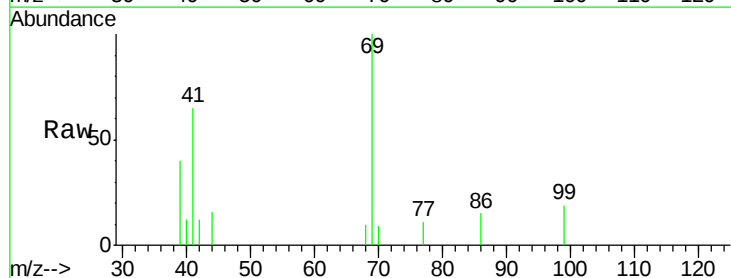


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

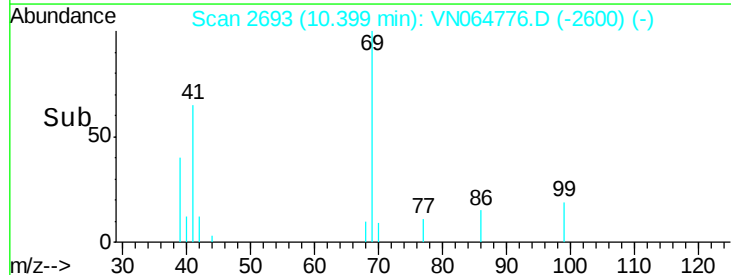
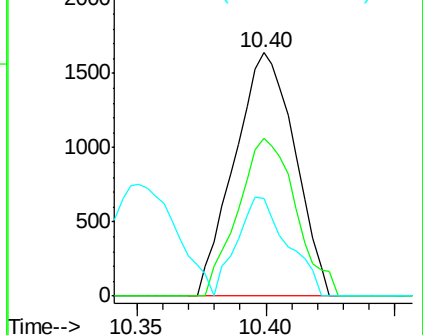


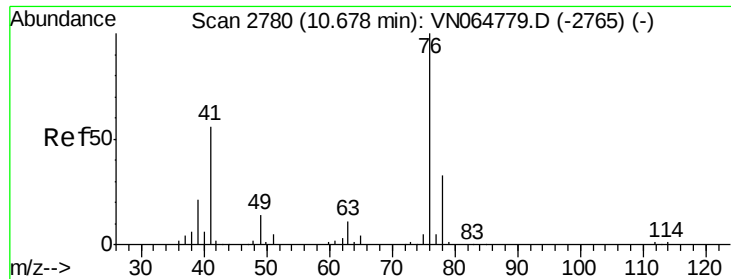
#56
 Ethyl methacrylate
 Concen: 0.809 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion:	69	Resp:	2670
Ion	Ratio	Lower	Upper
69	100		
41	62.5	49.4	74.0
39	34.2	25.9	38.9



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 0.963 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

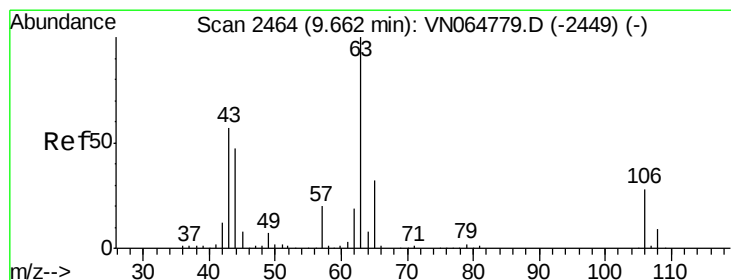
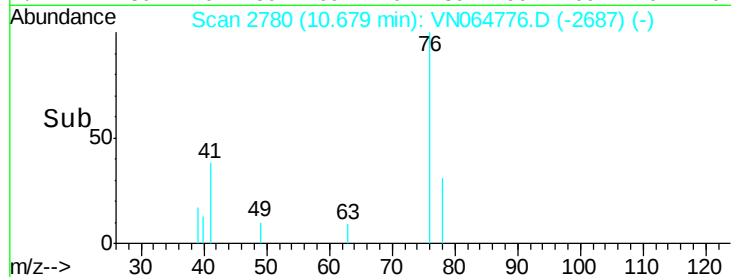
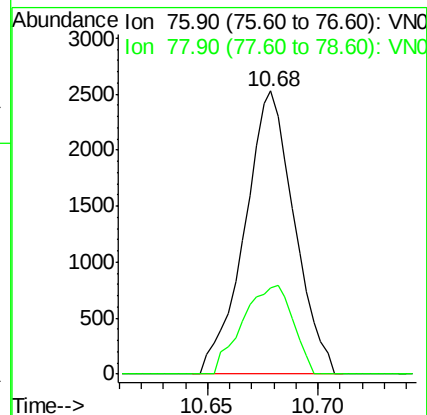
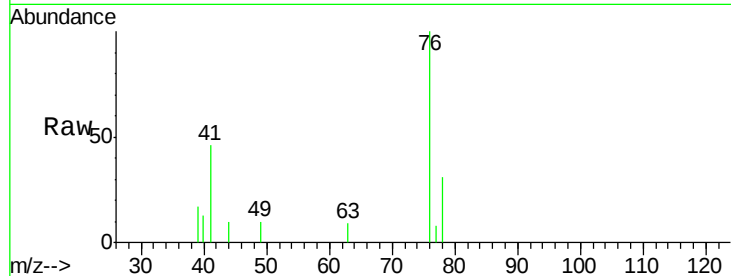
VSTDIC001

Tgt Ion: 76 Resp: 3944

Ion Ratio Lower Upper

76 100

78 31.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 4.382 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064776.D

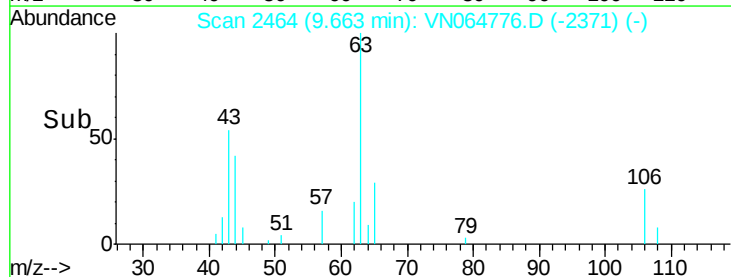
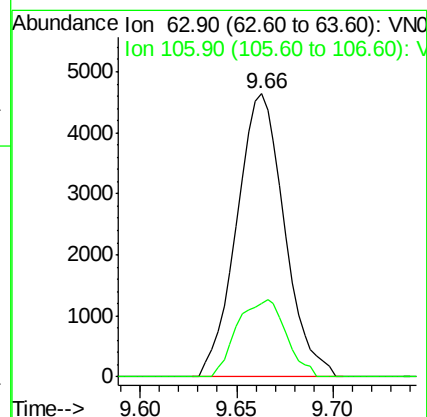
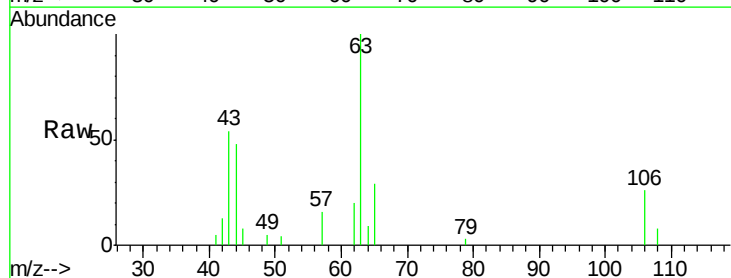
Acq: 23 Nov 2020 11:22

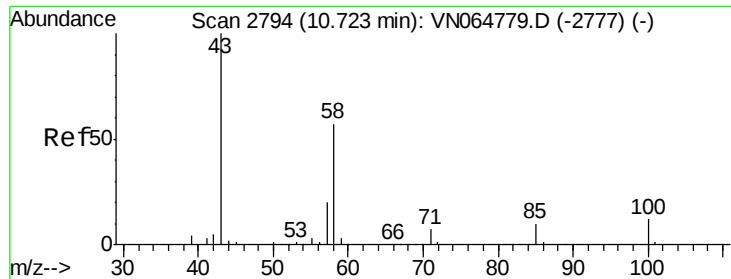
Tgt Ion: 63 Resp: 7976

Ion Ratio Lower Upper

63 100

106 27.8 22.7 34.1

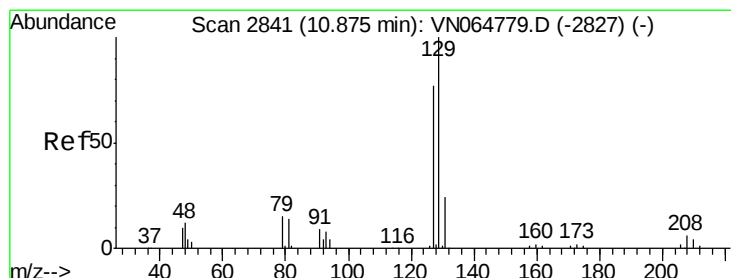
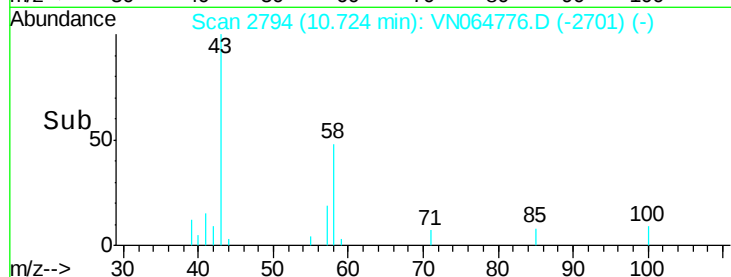
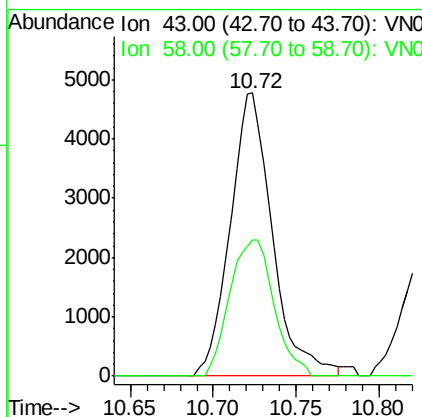
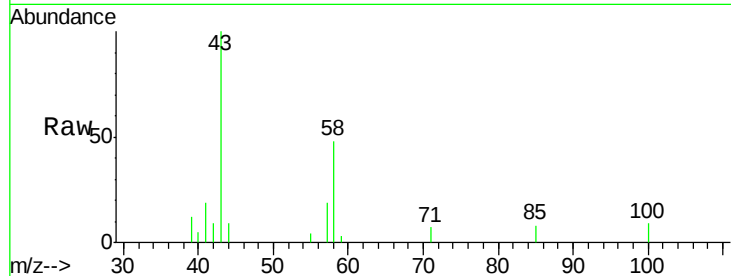




#59
2-Hexanone
Concen: 3.885 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

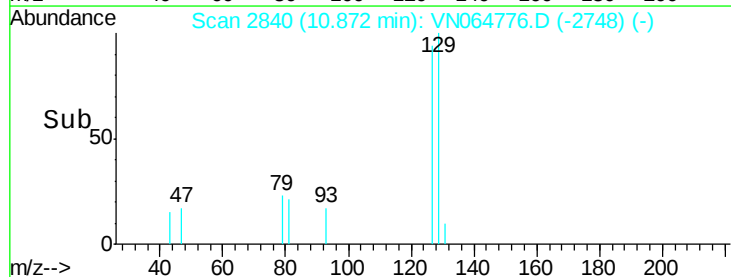
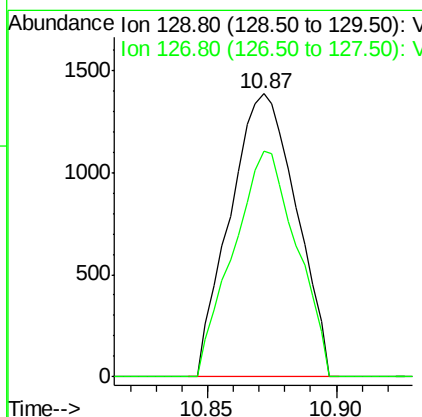
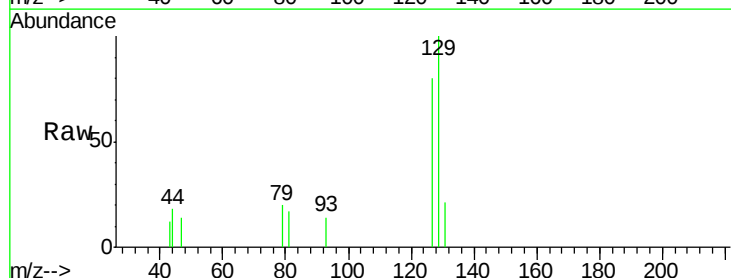
Instrument :
MSVOA_N
ClientSampled :
VSTDICC001

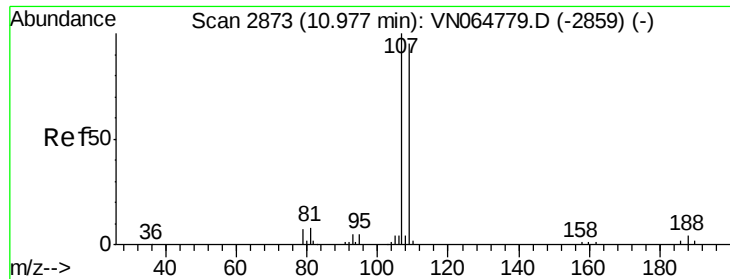
Tgt Ion: 43 Resp: 8441
Ion Ratio Lower Upper
43 100
58 50.2 28.3 84.9



#60
Dibromochloromethane
Concen: 0.903 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion: 129 Resp: 2478
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.2





#61

1,2-Dibromoethane

Concen: 0.896 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

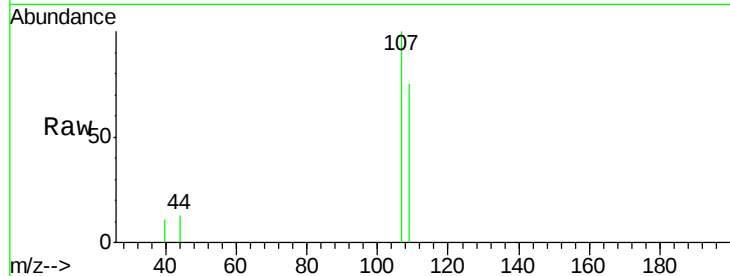
VSTDIC001

Tgt Ion: 107 Resp: 2264

Ion Ratio Lower Upper

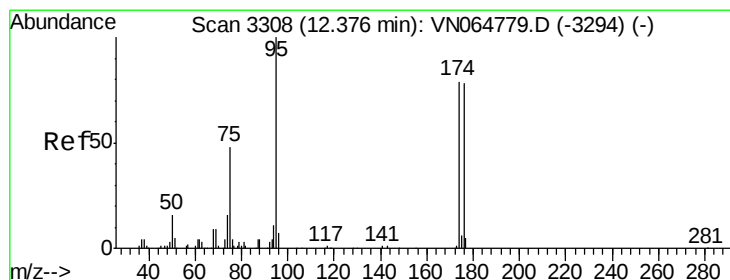
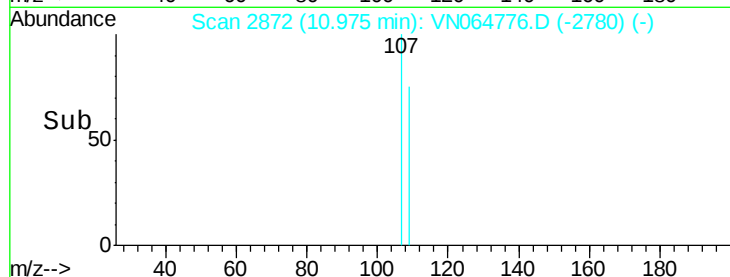
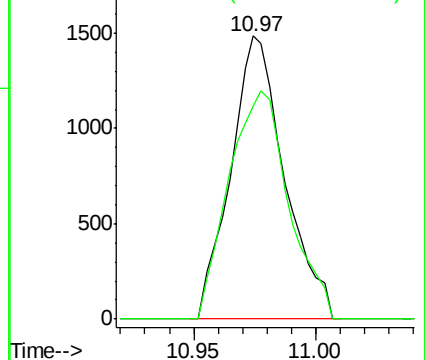
107 100

109 89.9 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.783 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

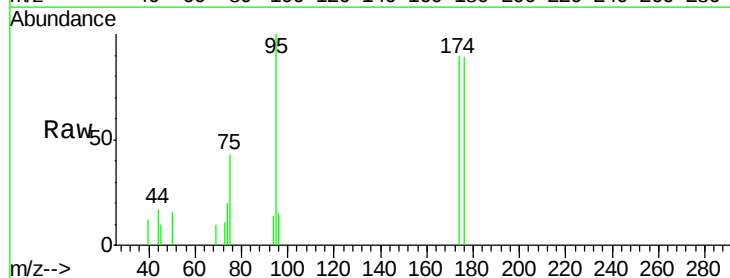
Tgt Ion: 95 Resp: 2504

Ion Ratio Lower Upper

95 100

174 91.1 0.0 160.4

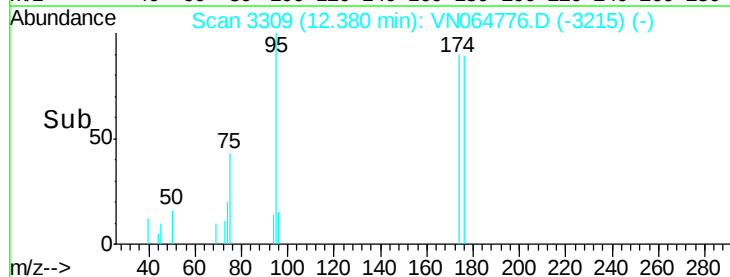
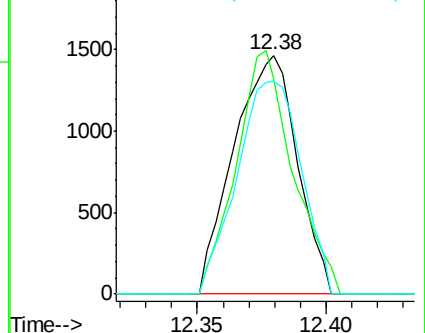
176 90.7 0.0 158.4

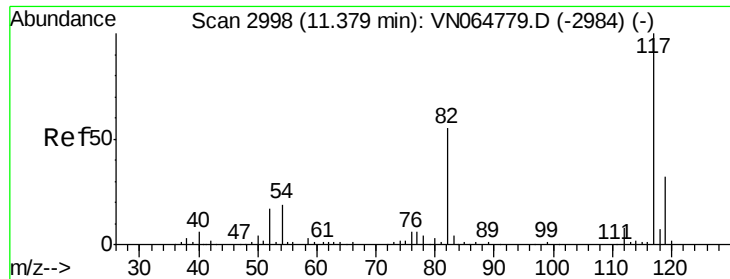


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

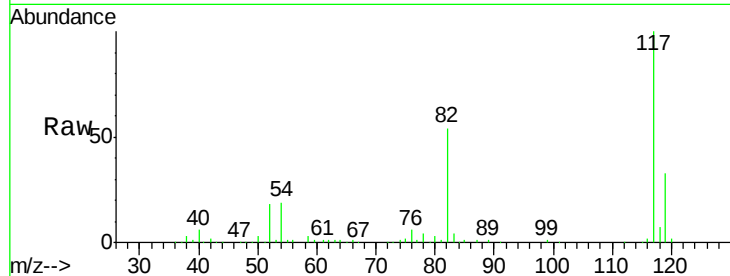
Tgt Ion:117 Resp: 302947

Ion Ratio Lower Upper

117 100

82 54.4 44.2 66.2

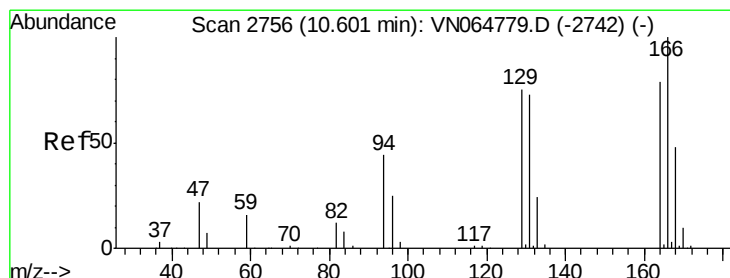
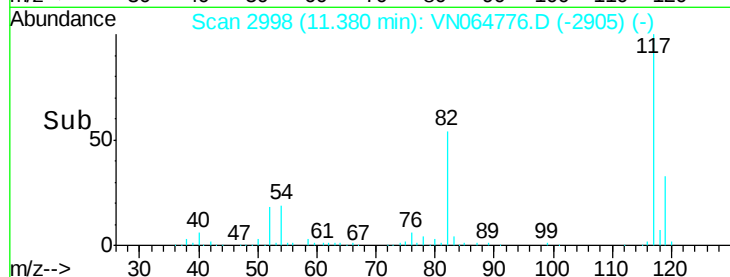
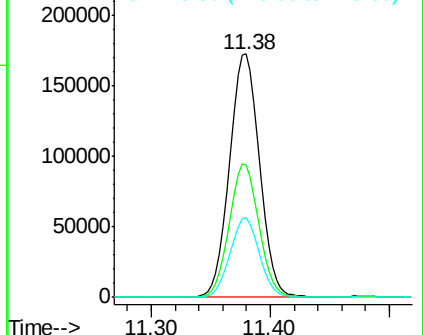
119 32.7 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 1.153 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Tgt Ion:164 Resp: 3124

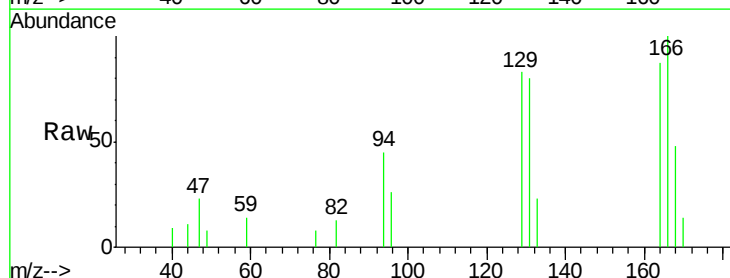
Ion Ratio Lower Upper

164 100

166 115.3 101.4 152.0

129 95.9 76.1 114.1

131 92.0 74.2 111.2

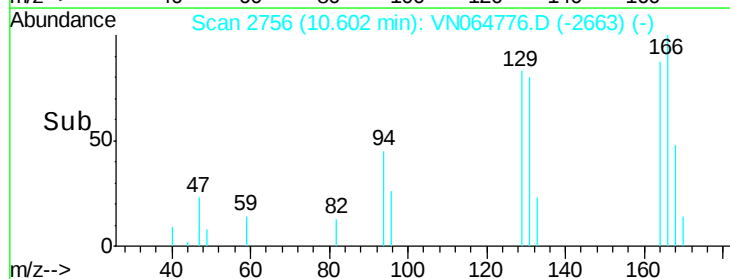
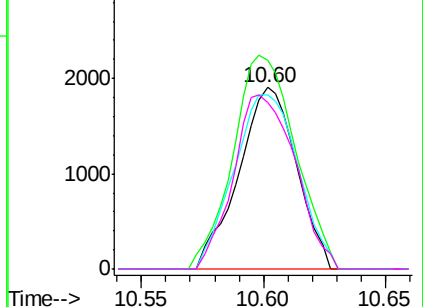


Abundance Ion 163.80 (163.50 to 164.50): V

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

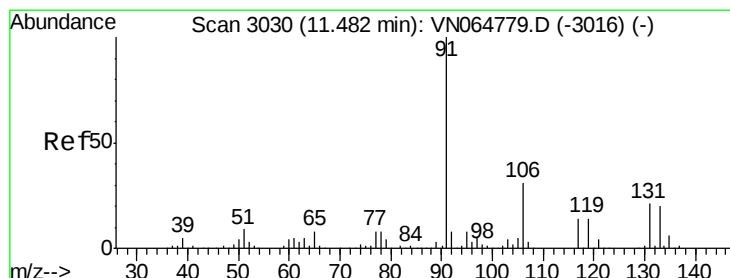
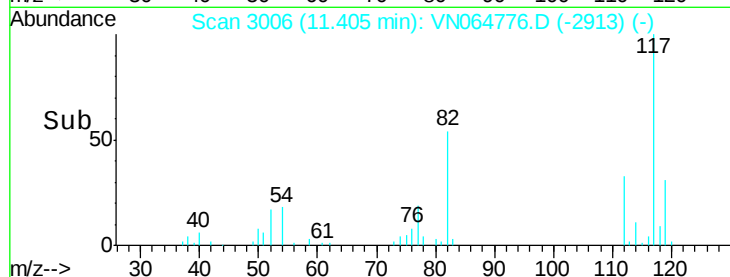
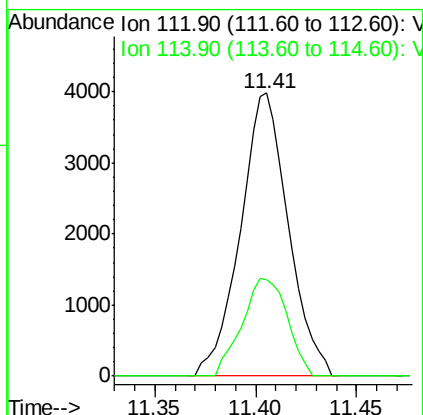
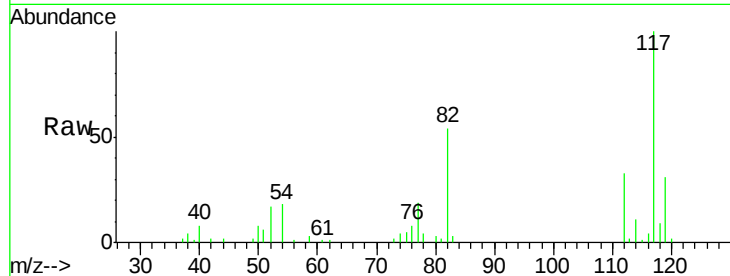




#65
Chlorobenzene
Concen: 1.036 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

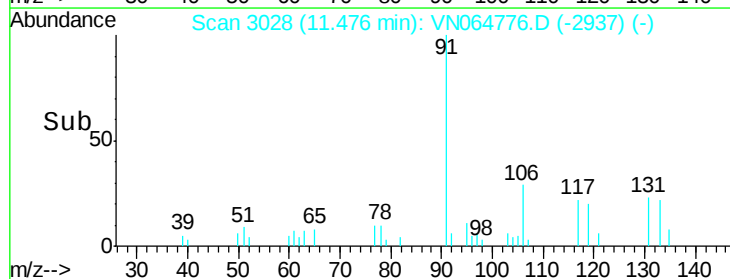
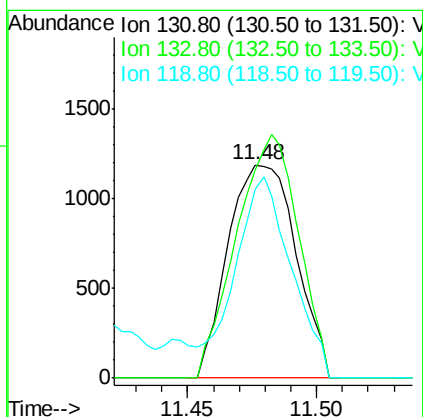
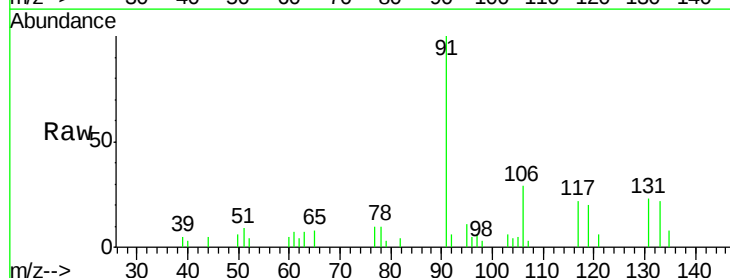
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:112 Resp: 6624
Ion Ratio Lower Upper
112 100
114 34.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 0.906 ug/l
RT: 11.48 min Scan# 3028
Delta R.T. -0.01 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion:131 Resp: 2176
Ion Ratio Lower Upper
131 100
133 104.6 47.5 142.5
119 0.0 33.3 99.8#

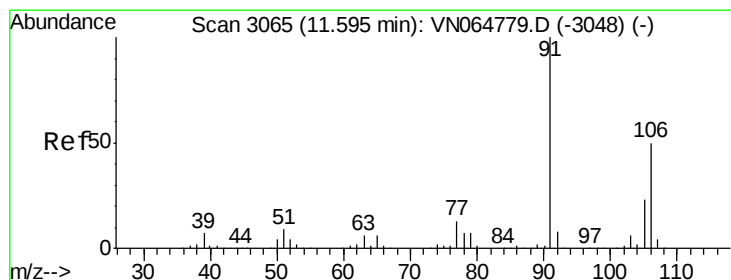
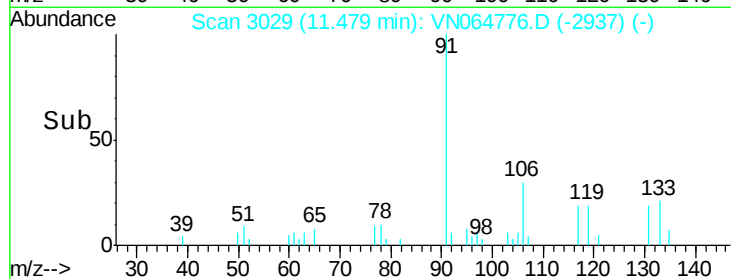
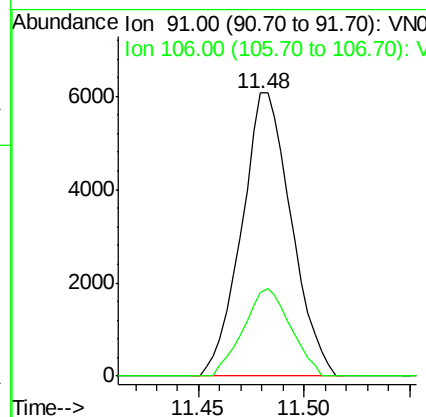
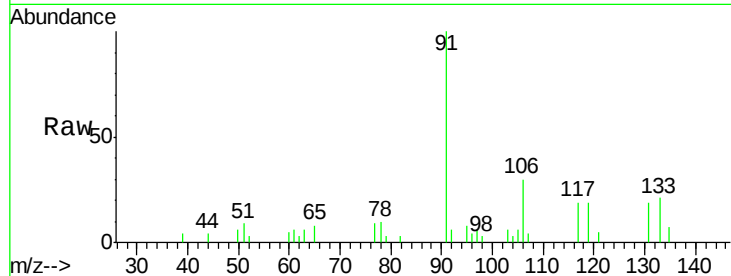




#67
Ethyl Benzene
Concen: 0.887 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

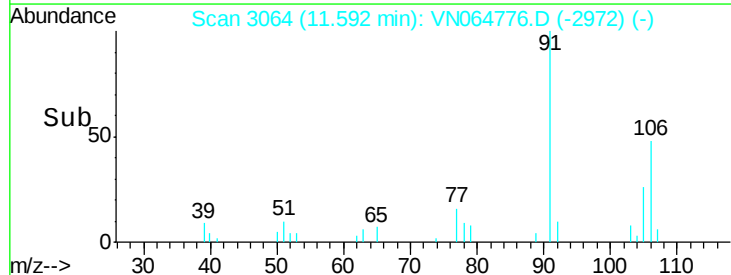
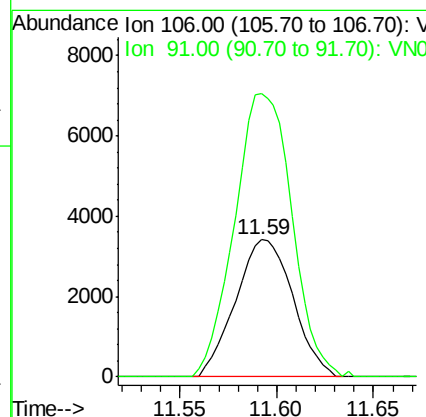
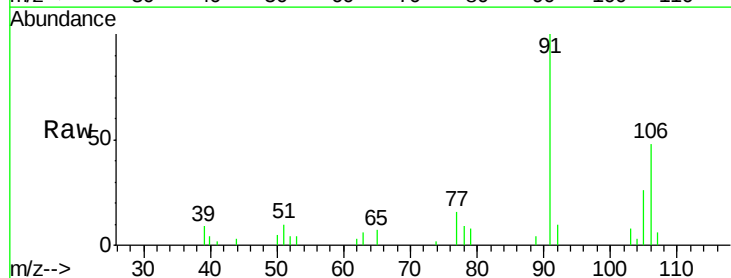
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tgt Ion: 91 Resp: 9948
Ion Ratio Lower Upper
91 100
106 29.7 25.2 37.8



#68
m/p-Xylenes
Concen: 1.742 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion: 106 Resp: 7061
Ion Ratio Lower Upper
106 100
91 206.1 161.0 241.4

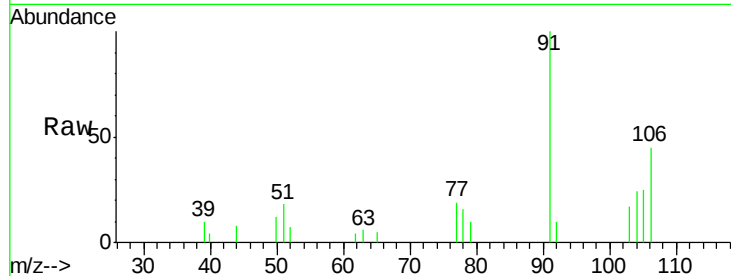




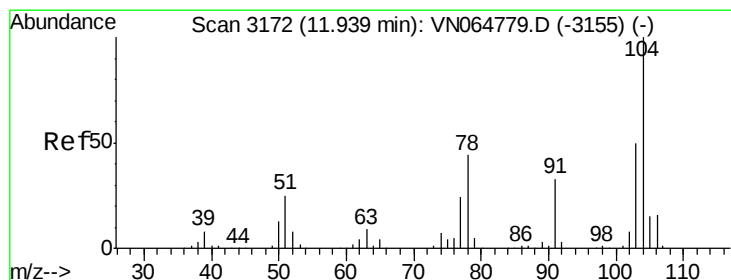
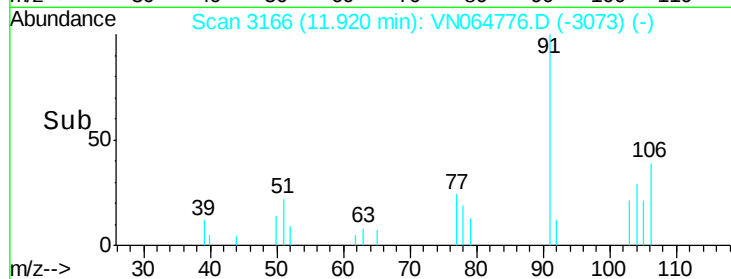
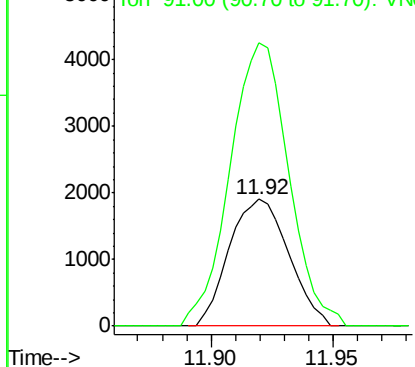
#69
o-Xylene
Concen: 0.818 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tgt Ion:106 Resp: 3221
Ion Ratio Lower Upper
106 100
91 220.1 105.5 316.5

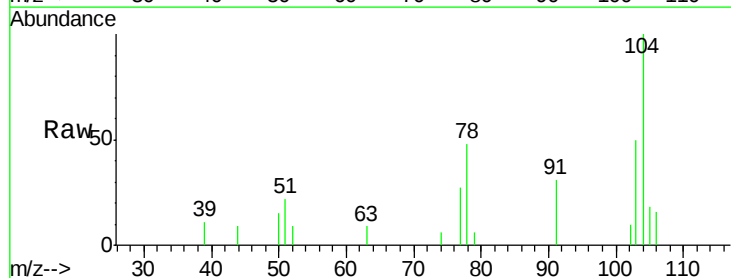


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

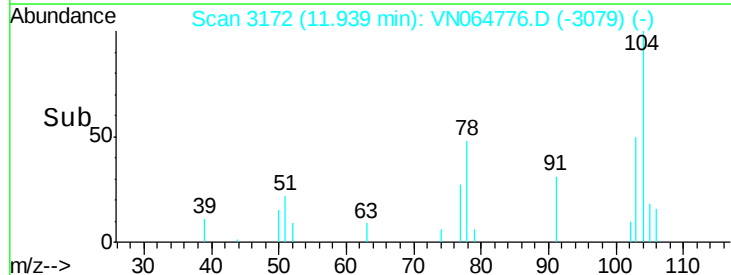
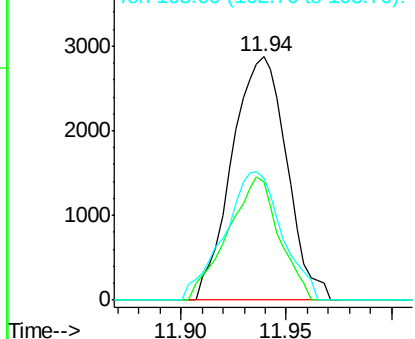


#70
Styrene
Concen: 0.777 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion:104 Resp: 5181
Ion Ratio Lower Upper
104 100
78 47.5 39.0 58.6
103 55.4 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 1.081 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

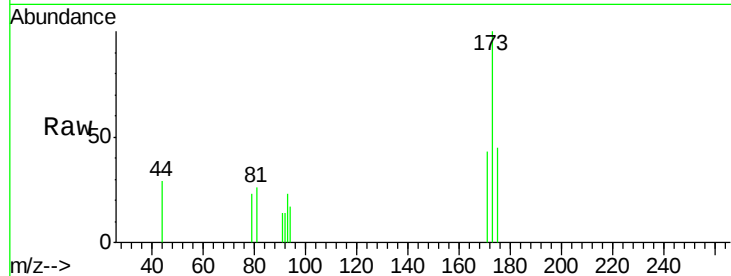
Tgt Ion:173 Resp: 1822

Ion Ratio Lower Upper

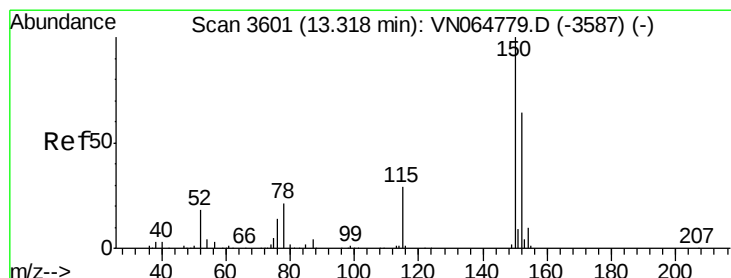
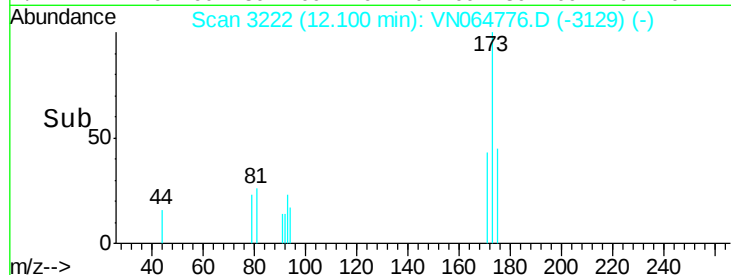
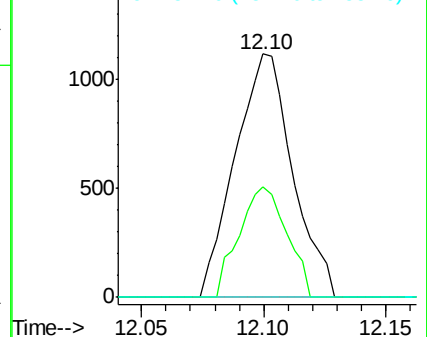
173 100

175 37.9 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

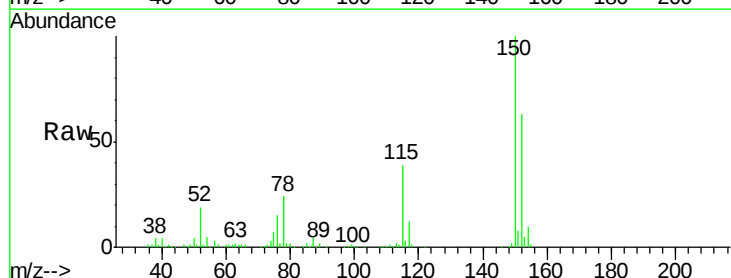
Tgt Ion:152 Resp: 133393

Ion Ratio Lower Upper

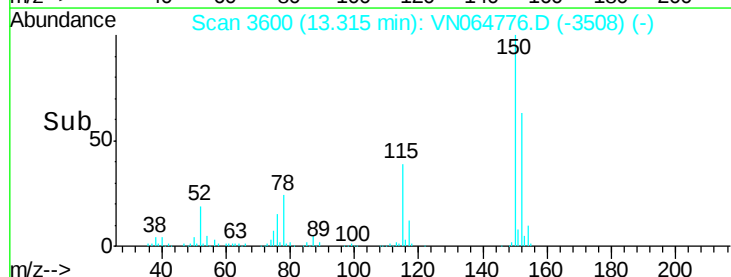
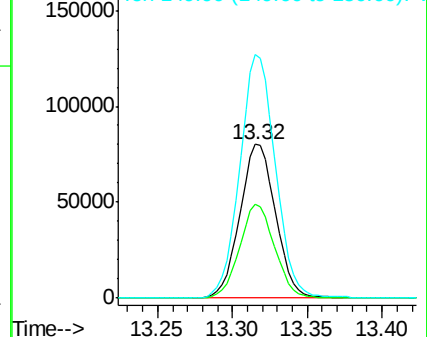
152 100

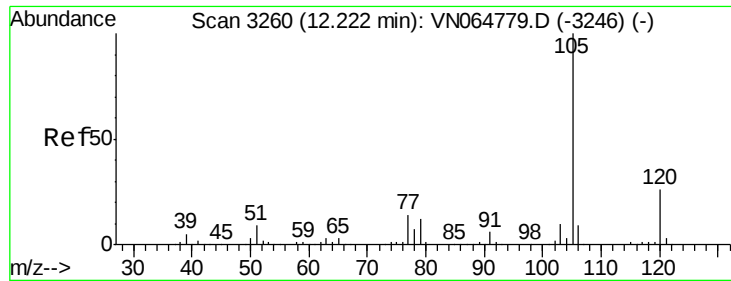
115 58.8 29.7 89.1

150 156.6 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: 0.939 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampled :

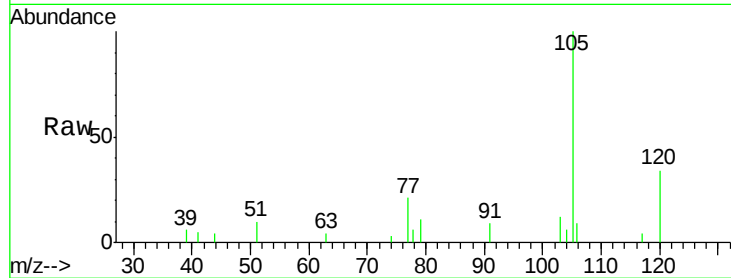
VSTDIC001

Tgt Ion: 105 Resp: 8853

Ion Ratio Lower Upper

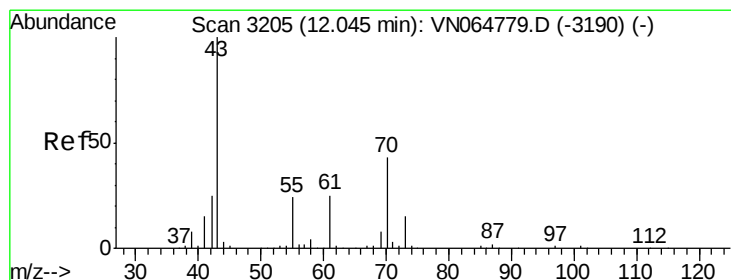
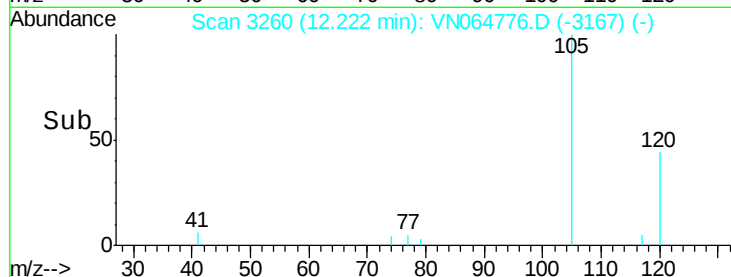
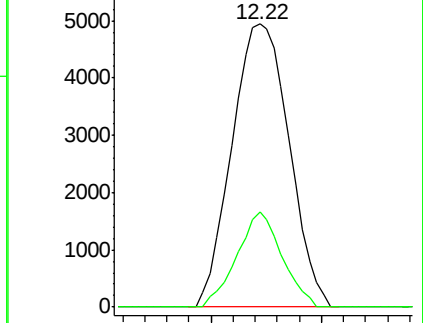
105 100

120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.730 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Tgt Ion: 43 Resp: 3132

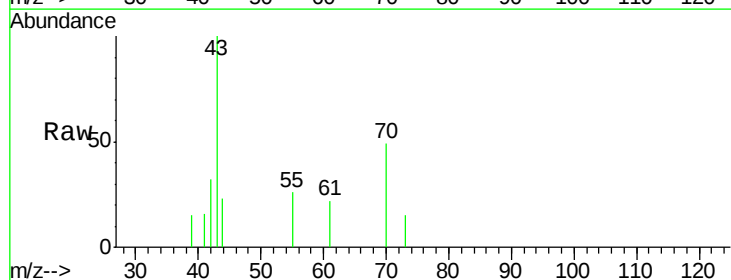
Ion Ratio Lower Upper

43 100

70 34.5 34.5 51.7

55 22.1 20.4 30.6

61 20.3 20.0 30.0

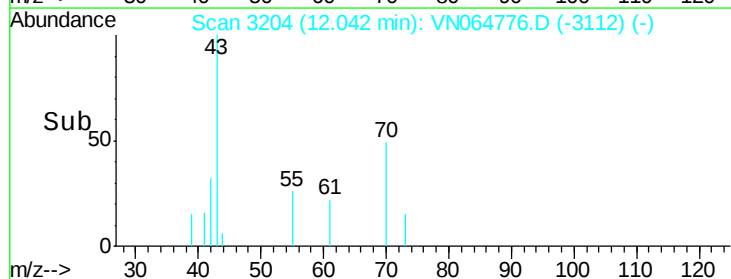
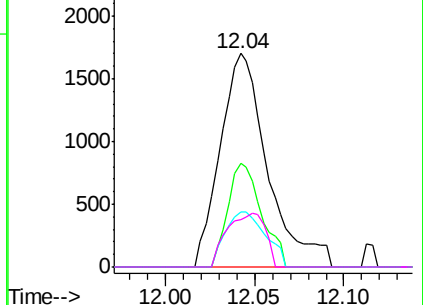


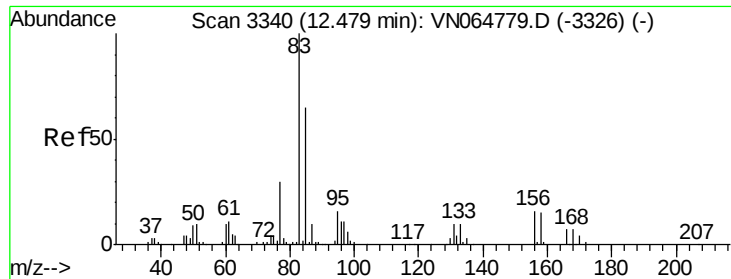
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 1.002 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

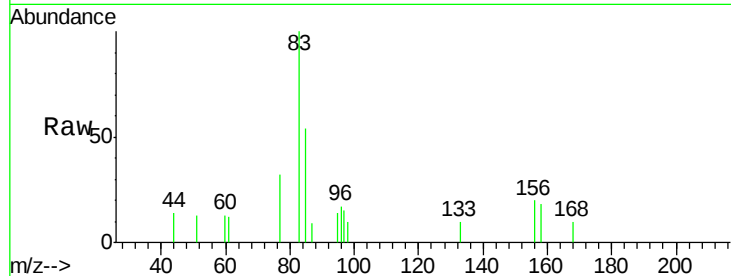
Tgt Ion: 83 Resp: 2653

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

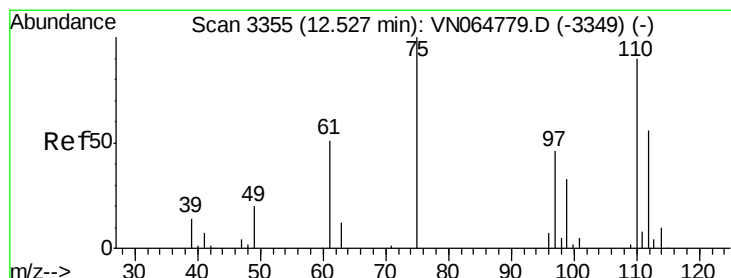
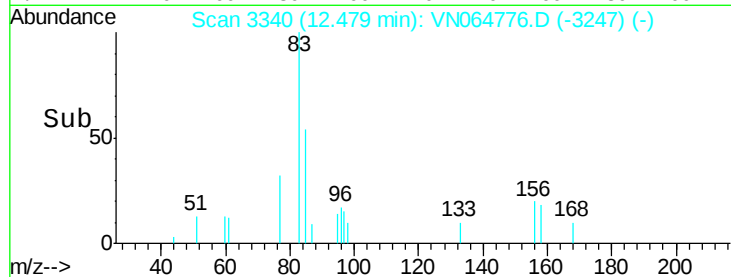
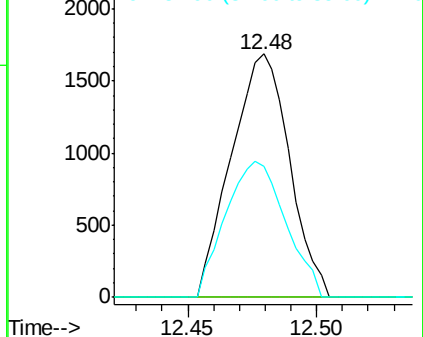
85 57.7 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 1.406 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064776.D

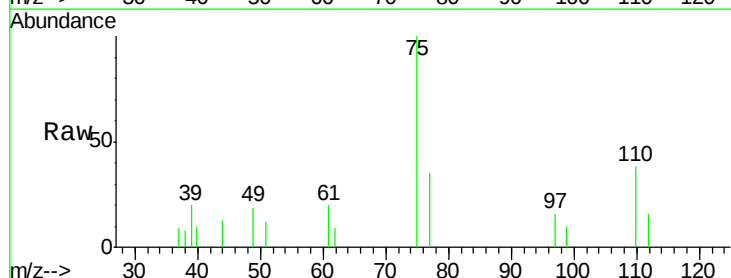
Acq: 23 Nov 2020 11:22

Tgt Ion: 75 Resp: 4025

Ion Ratio Lower Upper

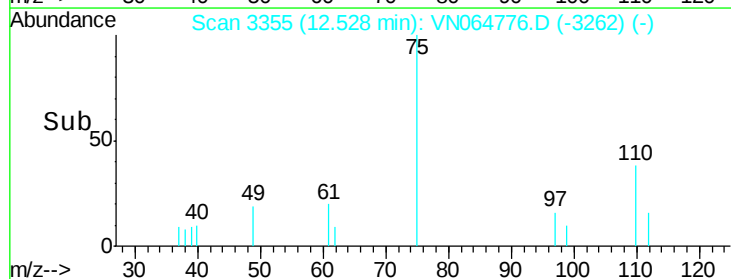
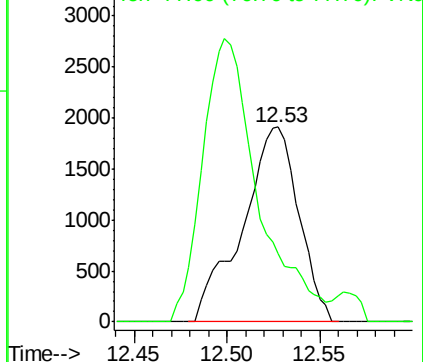
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 1.148 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064776.D

Acq: 23 Nov 2020 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

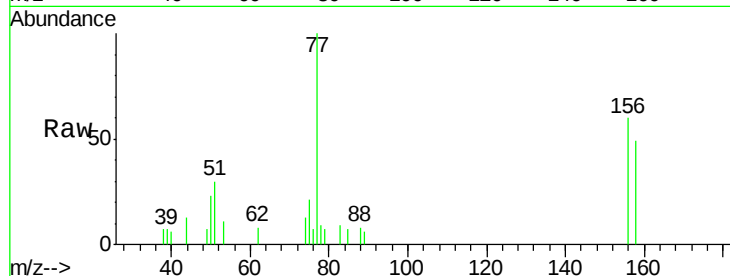
Tgt Ion:156 Resp: 2751

Ion Ratio Lower Upper

156 100

77 210.6 101.3 303.7

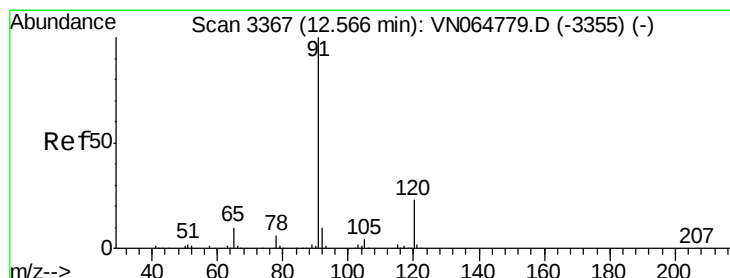
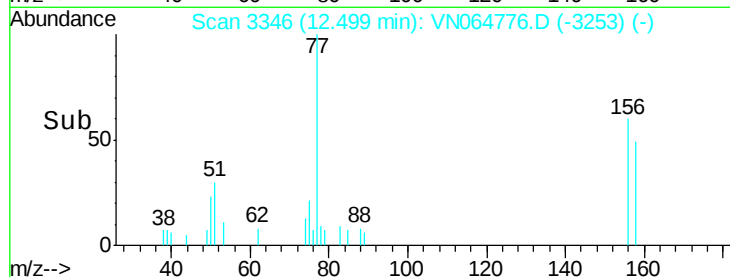
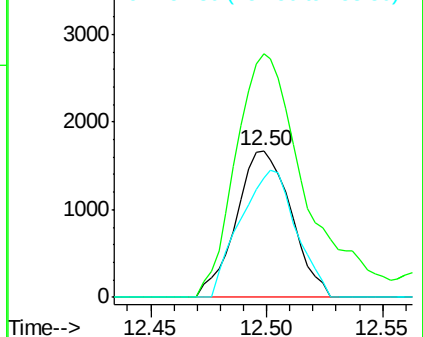
158 88.3 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.885 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064776.D

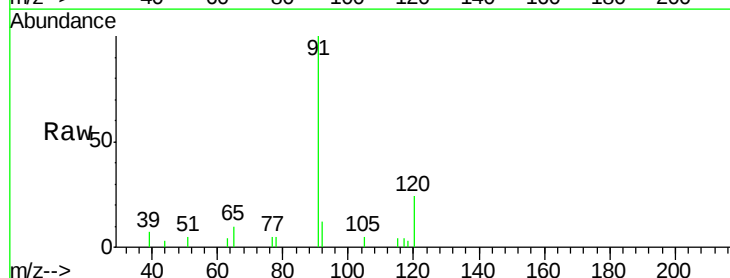
Acq: 23 Nov 2020 11:22

Tgt Ion: 91 Resp: 9683

Ion Ratio Lower Upper

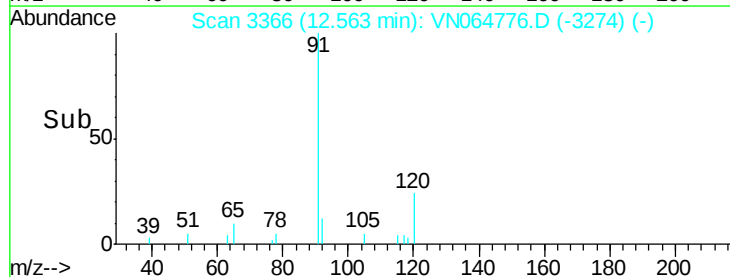
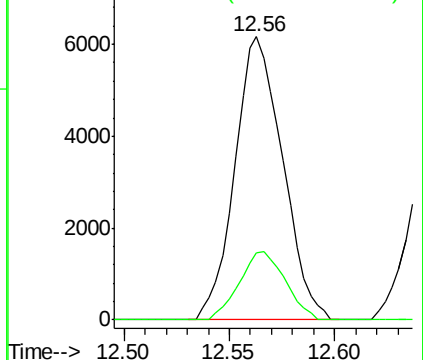
91 100

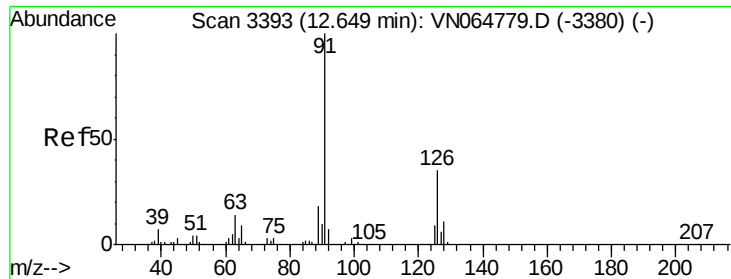
120 23.0 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

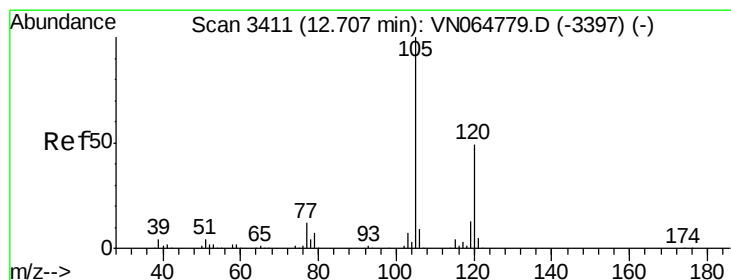
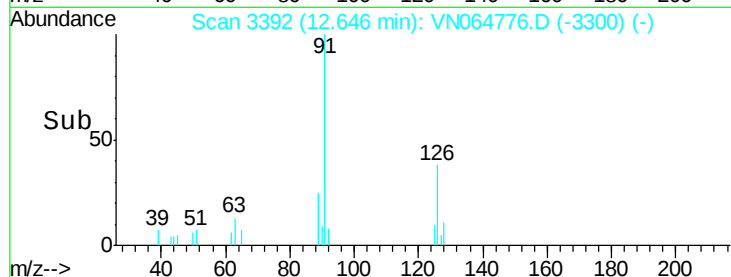
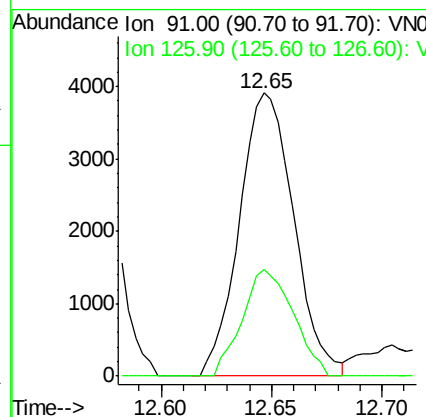
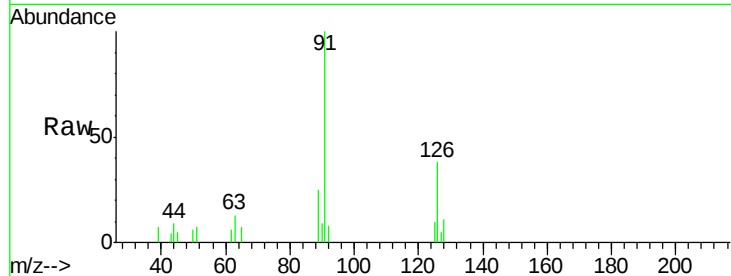




#79
 2-Chlorotoluene
 Concen: 0.961 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

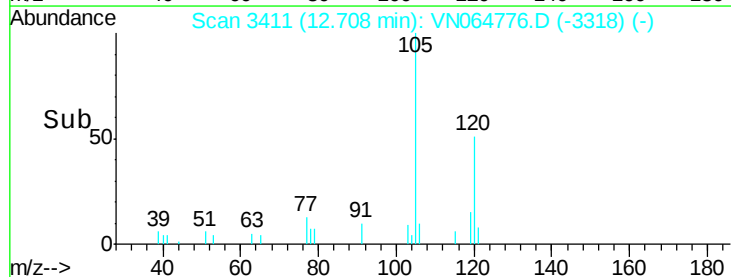
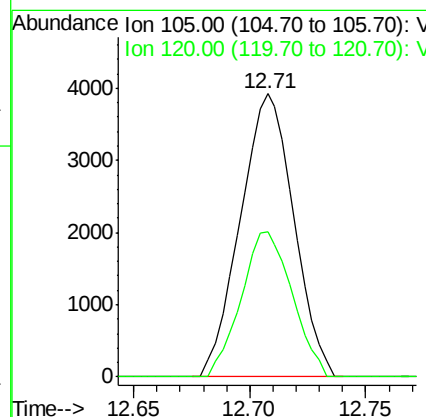
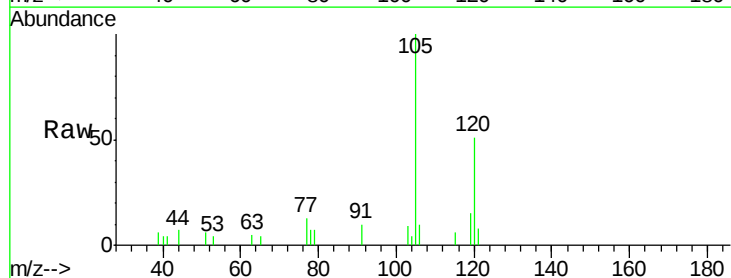
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

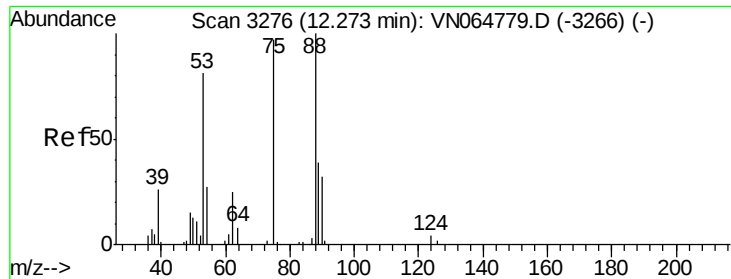
Tgt Ion: 91 Resp: 6690
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 0.802 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion: 105 Resp: 6276
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.6 73.6

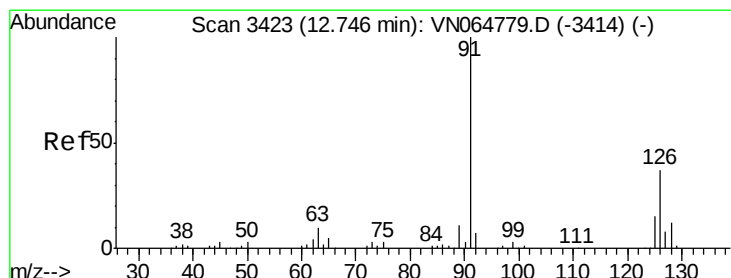
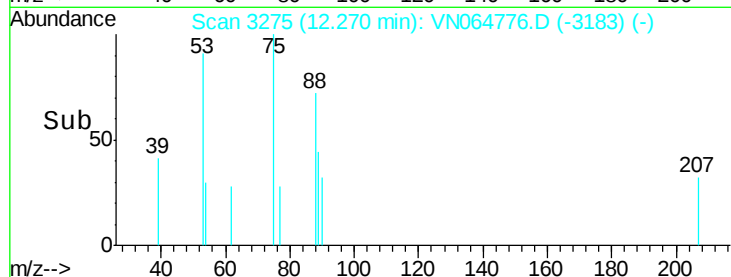
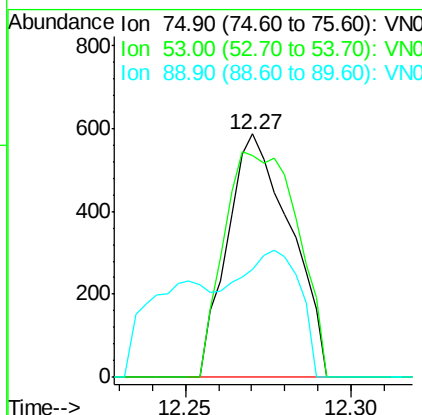
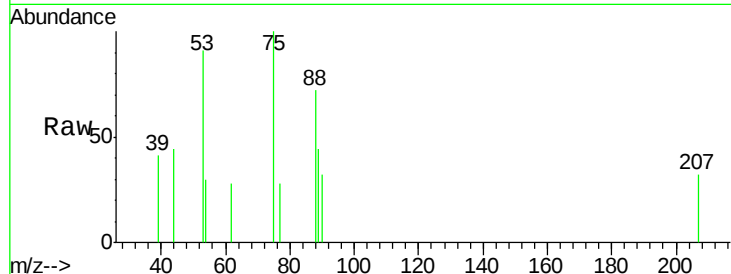




#81
trans-1,4-Dichloro-2-butene
Concen: 0.751 ug/l
RT: 12.27 min Scan# 3275
Delta R.T. -0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

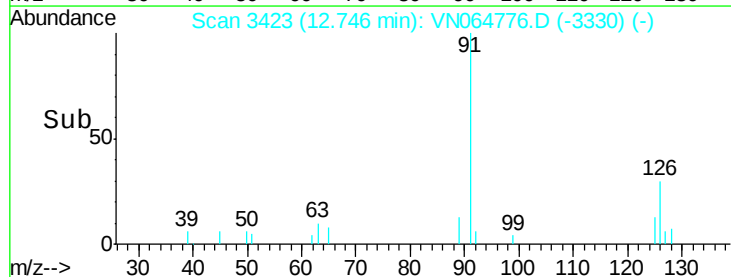
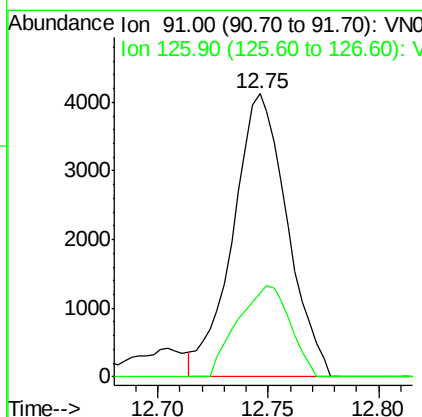
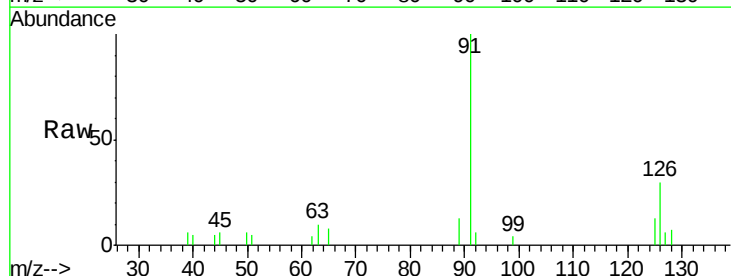
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

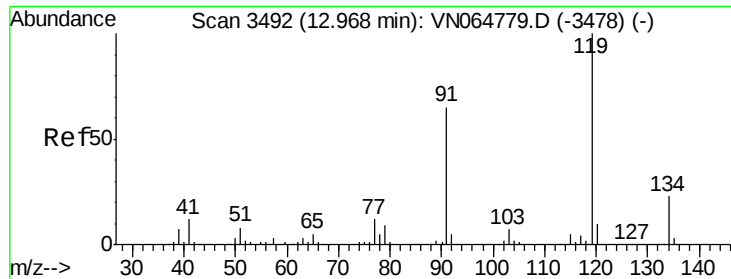
Tgt Ion: 75 Resp: 778
Ion Ratio Lower Upper
75 100
53 108.1 67.0 100.4#
89 45.1 39.6 59.4



#82
4-Chlorotoluene
Concen: 0.955 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion: 91 Resp: 7055
Ion Ratio Lower Upper
91 100
126 31.1 16.9 50.7

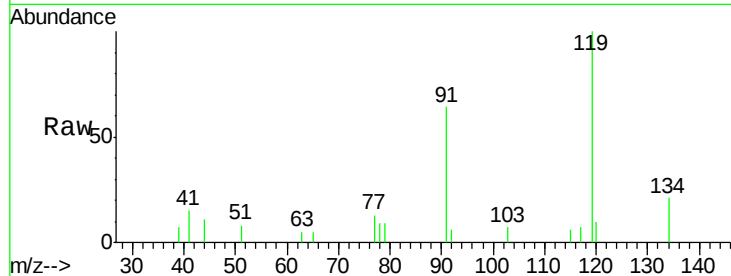




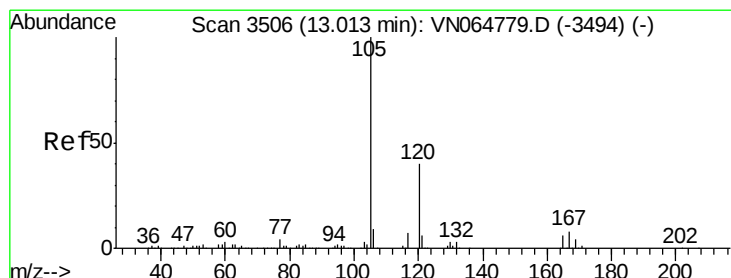
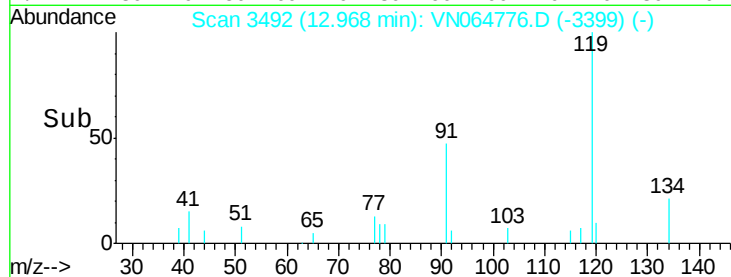
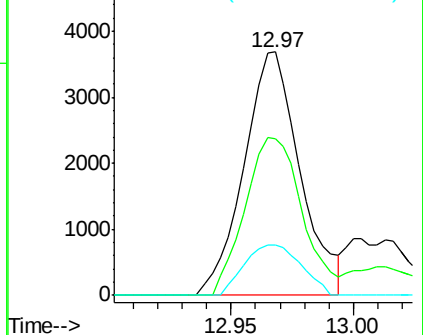
#83
tert-Butylbenzene
Concen: 0.963 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:119 Resp: 5881
Ion Ratio Lower Upper
119 100
91 65.9 32.3 96.8
134 21.0 12.6 37.6

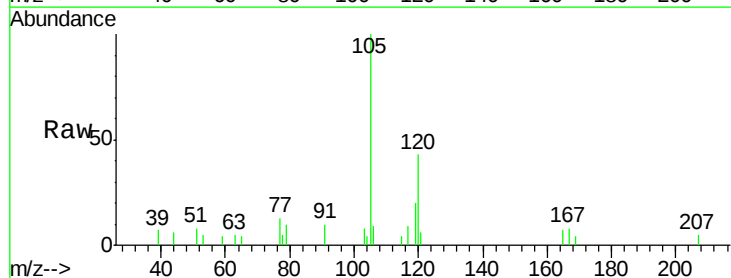


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

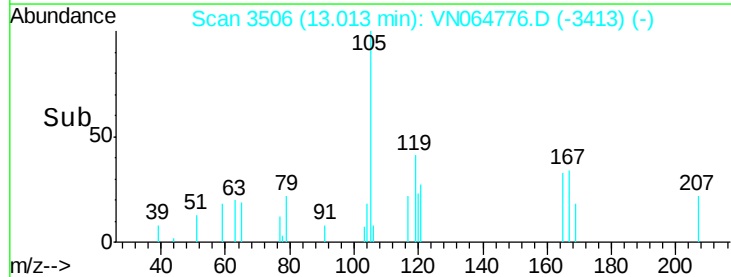
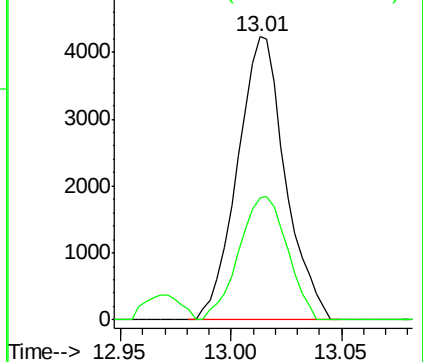


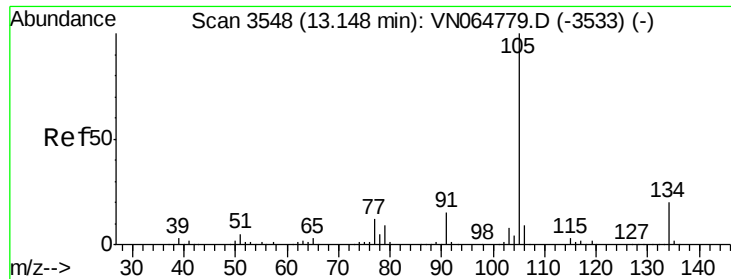
#84
1,2,4-Trimethylbenzene
Concen: 0.803 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064776.D
Acq: 23 Nov 2020 11:22

Tgt Ion:105 Resp: 6391
Ion Ratio Lower Upper
105 100
120 44.0 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

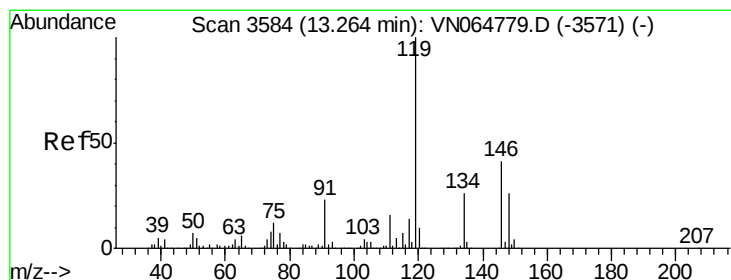
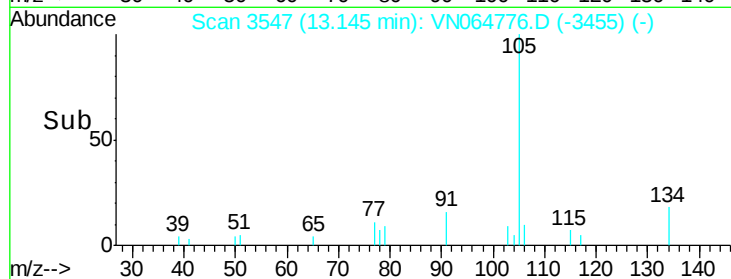
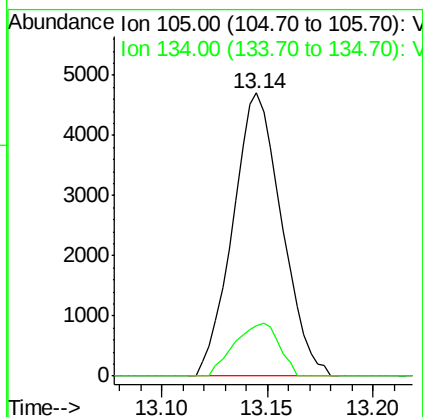
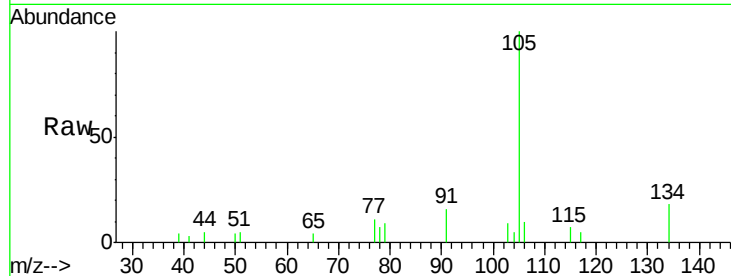




#85
 sec-Butylbenzene
 Concen: 0.928 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

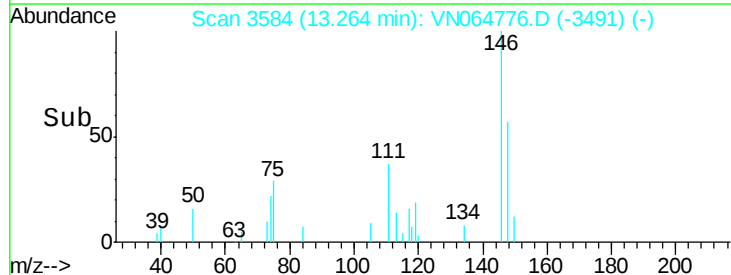
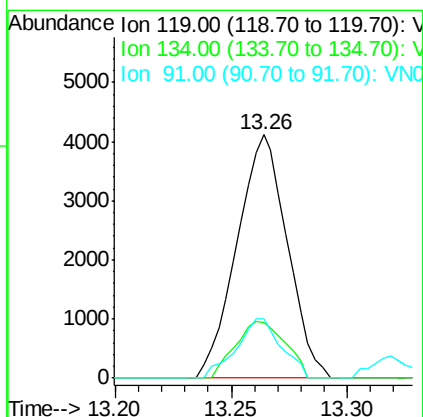
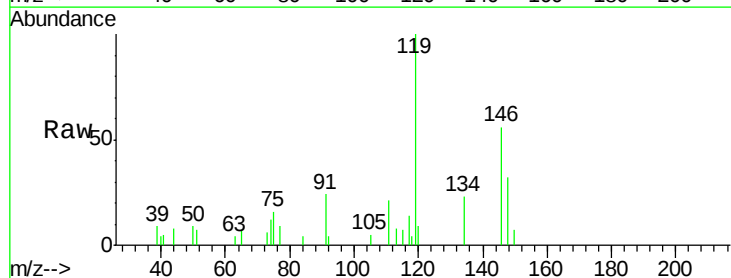
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

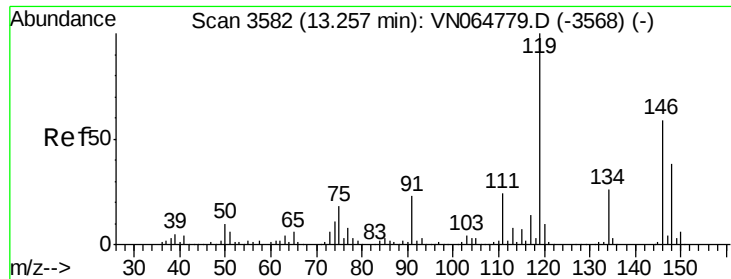
Tgt Ion:105 Resp: 7576
 Ion Ratio Lower Upper
 105 100
 134 17.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 0.824 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion:119 Resp: 6197
 Ion Ratio Lower Upper
 119 100
 134 23.2 13.1 39.1
 91 21.9 11.5 34.5

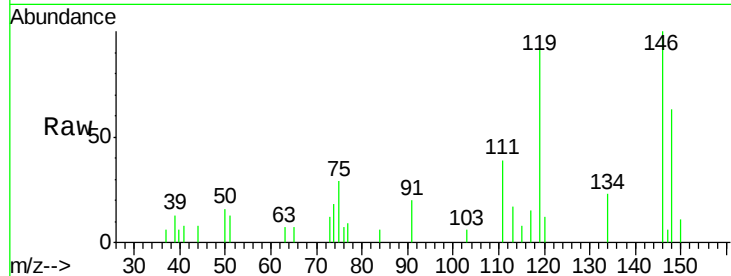




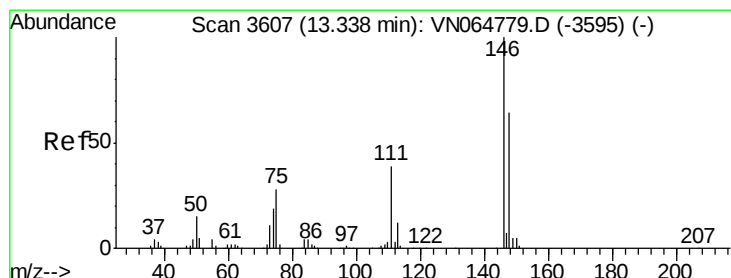
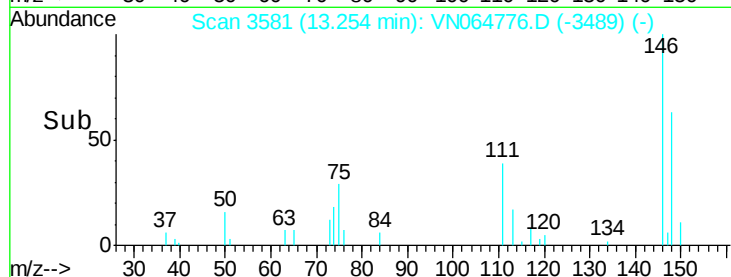
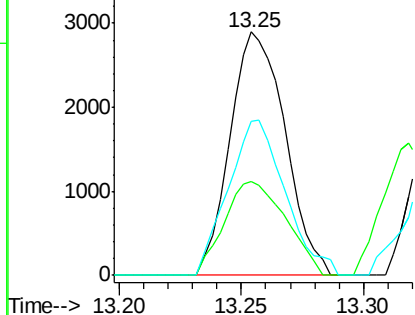
#87
 1,3-Dichlorobenzene
 Concen: 1.043 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:146 Resp: 4533
 Ion Ratio Lower Upper
 146 100
 111 43.0 20.6 61.9
 148 66.2 31.9 95.5

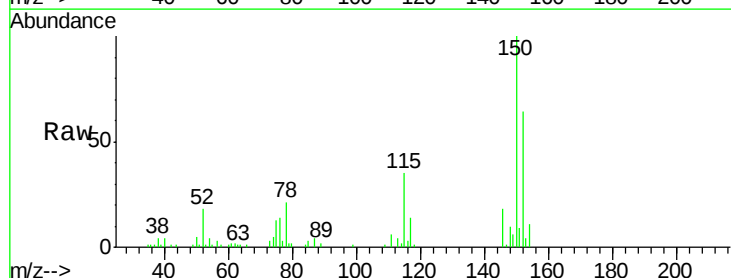


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



#88
 1,4-Dichlorobenzene
 Concen: 1.299 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064776.D
 Acq: 23 Nov 2020 11:22

Tgt Ion:146 Resp: 5812
 Ion Ratio Lower Upper
 146 100
 111 31.3 19.8 59.3
 148 69.3 31.9 95.5



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

