

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120420\
 Data File : VN064913.D
 Acq On : 4 Dec 2020 12:52
 Operator : JC/MD
 Sample : VN1204MBS01
 Misc : 5.00G/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204MBS01

Quant Time: Dec 05 01:25:48 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	7.62	168	226511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	351747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	320204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	150935	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	130949	49.73	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.46%
35) Dibromofluoromethane	7.55	113	112696	53.54	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.08%
50) Toluene-d8	10.06	98	437210	50.84	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.68%
62) 4-Bromofluorobenzene	12.37	95	153633	49.92	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.84%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	30738	15.658	ug/l	99
3) Chloromethane	2.04	50	41030	16.083	ug/l	99
4) Vinyl Chloride	2.17	62	43782	16.461	ug/l	96
5) Bromomethane	2.53	94	30531	17.497	ug/l	100
6) Chloroethane	2.68	64	28890	17.562	ug/l	99
7) Trichlorofluoromethane	2.99	101	64792	17.623	ug/l	99
8) Diethyl Ether	3.37	74	26402	18.193	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	40017	18.144	ug/l	98
10) Methyl Iodide	3.91	142	48597	16.988	ug/l	97
11) Tert butyl alcohol	4.74	59	34722	84.548	ug/l #	86
12) 1,1-Dichloroethene	3.69	96	38294	17.434	ug/l	98
13) Acrolein	3.56	56	15449	61.587	ug/l	100
14) Allyl chloride	4.27	41	63041	17.401	ug/l	99
15) Acrylonitrile	4.94	53	104201	91.847	ug/l	98
16) Acetone	3.78	43	77624	89.671	ug/l	99
17) Carbon Disulfide	4.01	76	93675	16.521	ug/l	99
18) Methyl Acetate	4.28	43	49915	19.179	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	131544	18.673	ug/l	98
20) Methylene Chloride	4.50	84	48827	18.000	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	42671	17.494	ug/l	95
22) Diisopropyl ether	5.90	45	137671	18.986	ug/l	96
23) Vinyl Acetate	5.85	43	537209	92.644	ug/l	100
24) 1,1-Dichloroethane	5.80	63	79920	18.442	ug/l	99
25) 2-Butanone	6.79	43	131541	93.739	ug/l	97
26) 2,2-Dichloropropane	6.78	77	67769	18.031	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	50045	18.233	ug/l	99
28) Bromochloromethane	7.15	49	39921	20.137	ug/l	97
29) Tetrahydrofuran	7.17	42	83788	86.499	ug/l	97
30) Chloroform	7.33	83	84025	18.802	ug/l	99
31) Cyclohexane	7.61	56	61946	16.878	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	68974	17.970	ug/l	98
36) 1,1-Dichloropropene	7.75	75	58652	17.990	ug/l	99
37) Ethyl Acetate	6.88	43	56615	18.027	ug/l	99
38) Carbon Tetrachloride	7.73	117	62519	18.429	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120420\
 Data File : VN064913.D
 Acq On : 4 Dec 2020 12:52
 Operator : JC/MD
 Sample : VN1204MBS01
 Misc : 5.00G/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204MBS01

Quant Time: Dec 05 01:25:48 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)
39) Methylcyclohexane	9.05	83	56001	15.956	ug/l	98
40) Benzene	8.00	78	183170	18.334	ug/l	97
41) Methacrylonitrile	7.12	41	25284	17.448	ug/l	93
42) 1,2-Dichloroethane	8.08	62	60755	18.026	ug/l	99
43) Isopropyl Acetate	8.13	43	90014	17.812	ug/l	98
44) Trichloroethene	8.80	130	52935	17.957	ug/l	95
45) 1,2-Dichloropropane	9.08	63	48895	18.898	ug/l	100
46) Dibromomethane	9.17	93	32898	19.033	ug/l	98
47) Bromodichloromethane	9.37	83	65832	18.928	ug/l	97
48) Methyl methacrylate	9.17	41	42823	17.734	ug/l	98
49) 1,4-Dioxane	9.17	88	16905	370.399	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	277001	91.302	ug/l	99
52) Toluene	10.12	92	116475	18.931	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	70435	18.183	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	77196	18.592	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	48171	19.039	ug/l	96
56) Ethyl methacrylate	10.40	69	63915	18.306	ug/l	99
57) 1,3-Dichloropropane	10.68	76	79786	19.117	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	181804	94.664	ug/l	99
59) 2-Hexanone	10.72	43	201814	92.429	ug/l	100
60) Dibromochloromethane	10.87	129	52508	18.670	ug/l	100
61) 1,2-Dibromoethane	10.98	107	48385	18.823	ug/l	98
64) Tetrachloroethene	10.60	164	56318	18.078	ug/l	98
65) Chlorobenzene	11.40	112	126762	18.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	48377	19.144	ug/l	100
67) Ethyl Benzene	11.48	91	207838	18.093	ug/l	100
68) m/p-Xylenes	11.59	106	162945	37.466	ug/l	98
69) o-Xylene	11.92	106	76970	18.650	ug/l	99
70) Styrene	11.94	104	134408	19.291	ug/l	98
71) Bromoform	12.10	173	35868	17.771	ug/l #	99
73) Isopropylbenzene	12.22	105	200596	19.107	ug/l	100
74) N-amyl acetate	12.04	43	75381	18.245	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	59269	19.261	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	84730	26.067	ug/l #	100
77) Bromobenzene	12.50	156	54344	19.200	ug/l	99
78) n-propylbenzene	12.57	91	224160	18.742	ug/l	98
79) 2-Chlorotoluene	12.65	91	138602	18.748	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	170377	19.524	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	21308	17.966	ug/l	98
82) 4-Chlorotoluene	12.75	91	145172	18.734	ug/l	100
83) tert-Butylbenzene	12.97	119	138076	18.877	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	170851	19.364	ug/l	100
85) sec-Butylbenzene	13.14	105	180901	18.627	ug/l	100
86) p-Isopropyltoluene	13.26	119	168173	19.020	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	93608	18.615	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	96581	18.161	ug/l	97
89) n-Butylbenzene	13.59	91	137718	17.736	ug/l	99
90) Hexachloroethane	13.85	117	29126	18.963	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	92416	18.717	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	11953	17.263	ug/l	98

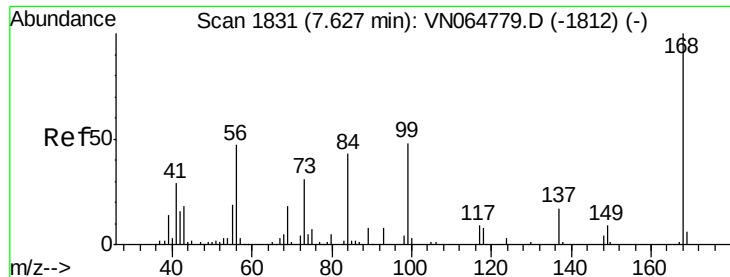
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120420\
Data File : VN064913.D
Acq On : 4 Dec 2020 12:52
Operator : JC/MD
Sample : VN1204MBS01
Misc : 5.00G/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1204MBS01

Quant Time: Dec 05 01:25:48 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)
93) 1,2,4-Trichlorobenzene	14.88	180	50059	16.389	ug/l	99
94) Hexachlorobutadiene	14.98	225	24944	18.372	ug/l	99
95) Naphthalene	15.10	128	148999	16.283	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	50227	18.214	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

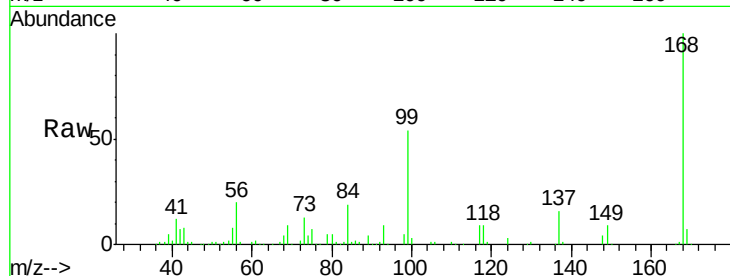
VN1204MBS01

Tot Ion:168 Resp: 226511

Ion Ratio Lower Upper

168 100

99 53.6 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

60000

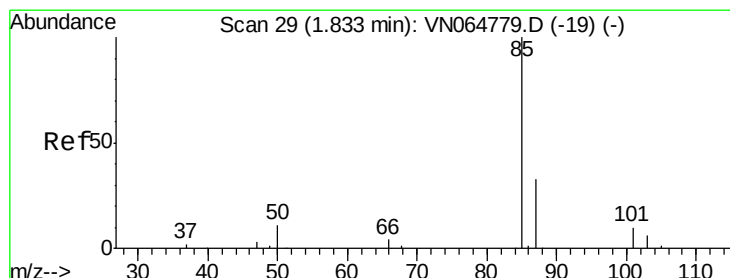
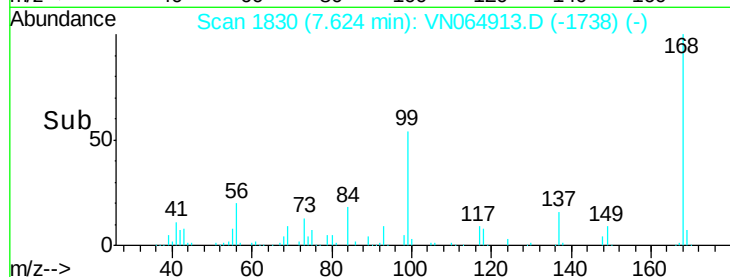
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 15.658 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064913.D

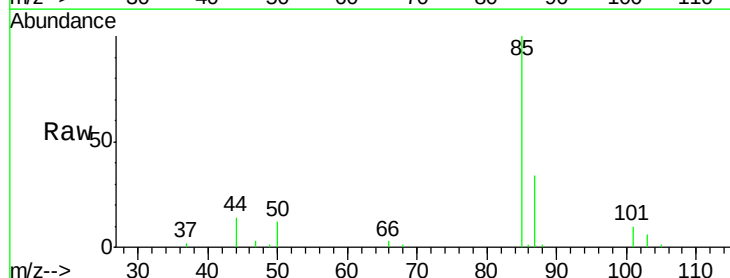
Acq: 4 Dec 2020 12:52

Tgt Ion: 85 Resp: 30738

Ion Ratio Lower Upper

85 100

87 33.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

25000

20000

15000

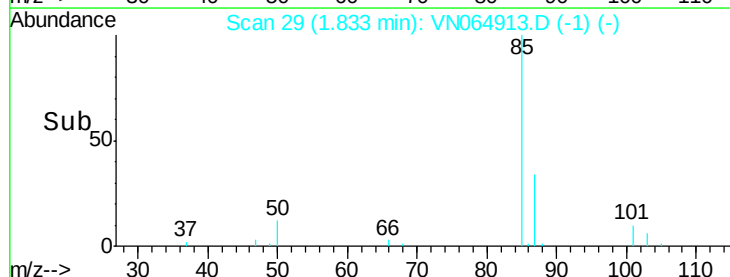
10000

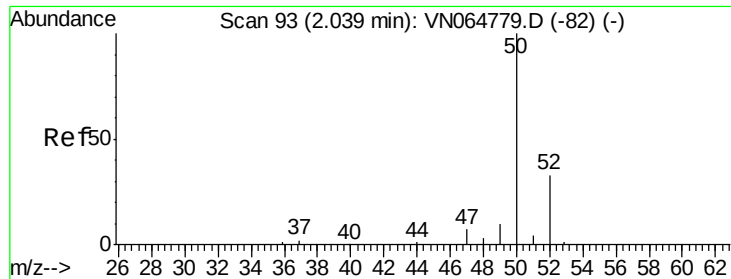
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 16.083 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

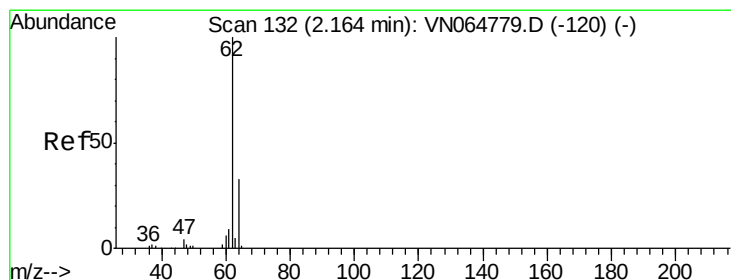
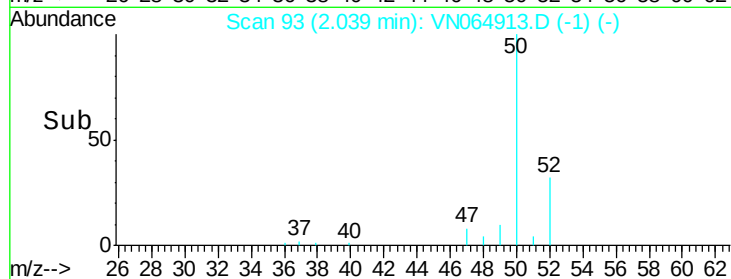
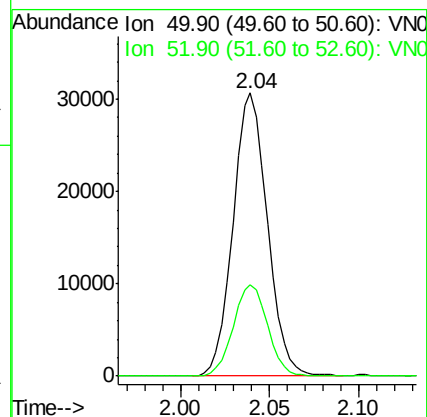
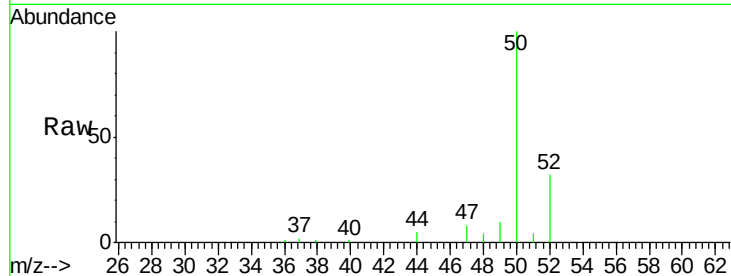
VN1204MBS01

Tot Ion: 50 Resp: 41030

Ion Ratio Lower Upper

50 100

52 32.5 26.6 39.8



#4

Vinyl Chloride

Concen: 16.461 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064913.D

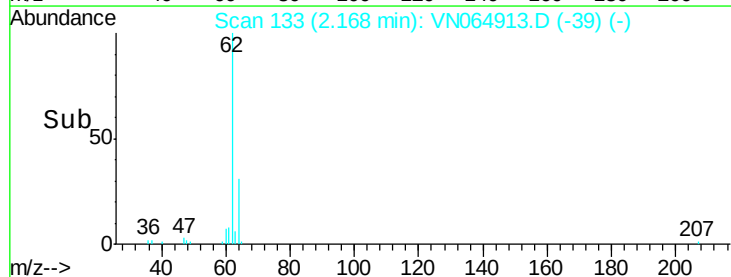
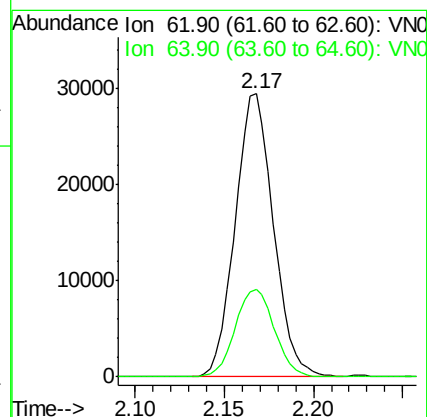
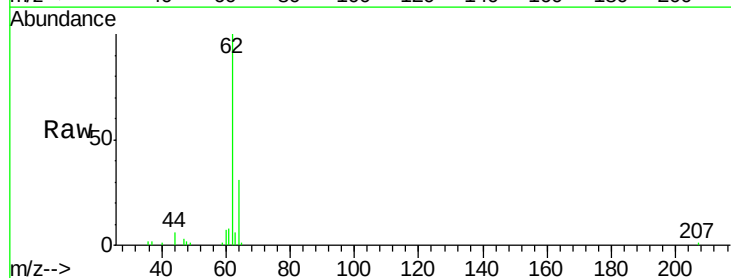
Acq: 4 Dec 2020 12:52

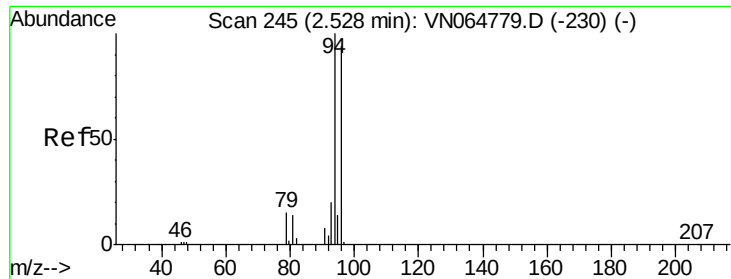
Tgt Ion: 62 Resp: 43782

Ion Ratio Lower Upper

62 100

64 31.0 26.5 39.7

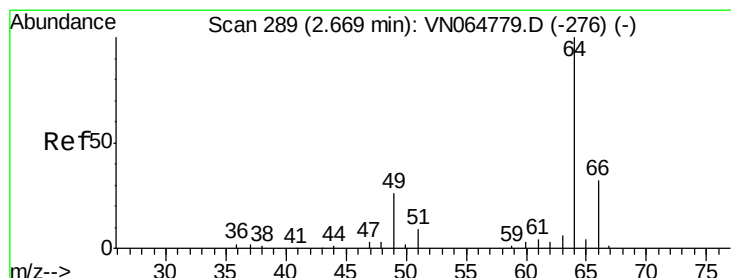
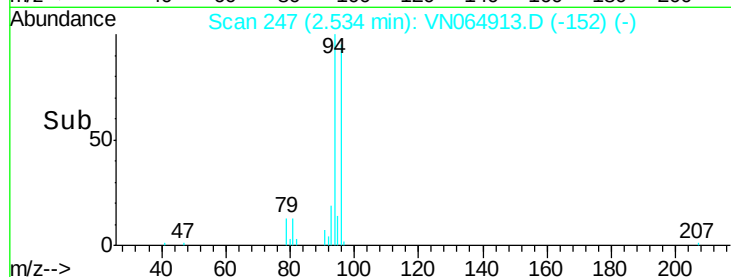
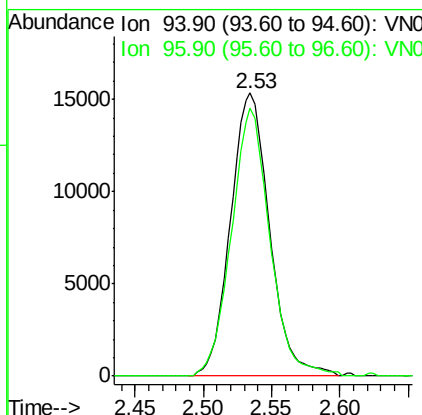
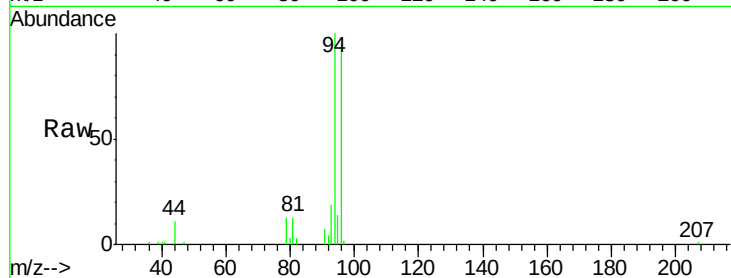




#5
Bromomethane
Concen: 17.497 ug/l
RT: 2.53 min Scan# 247
Delta R.T. 0.01 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

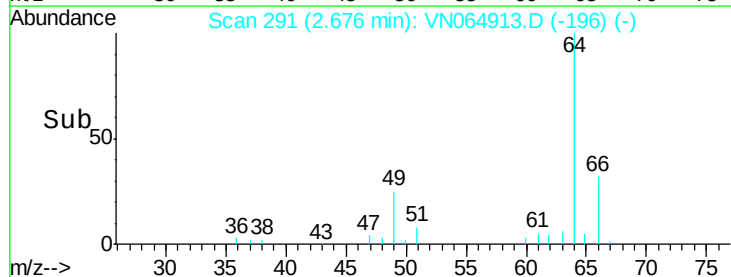
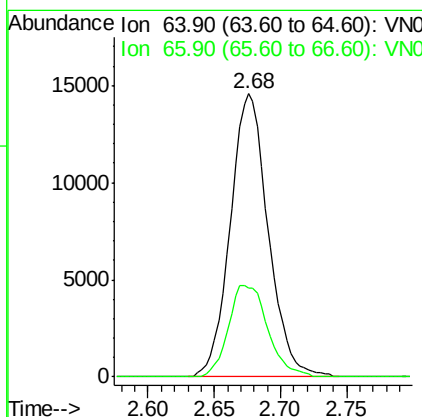
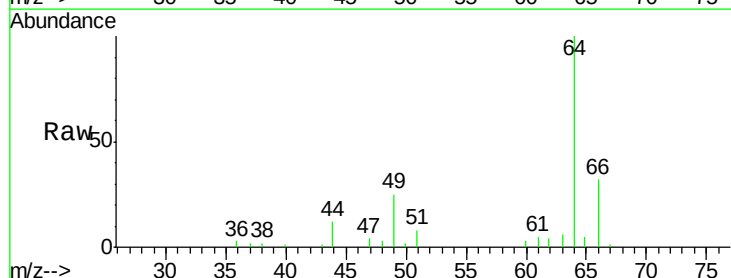
Instrument :
MSVOA_N
ClientSampleId :
VN1204MBS01

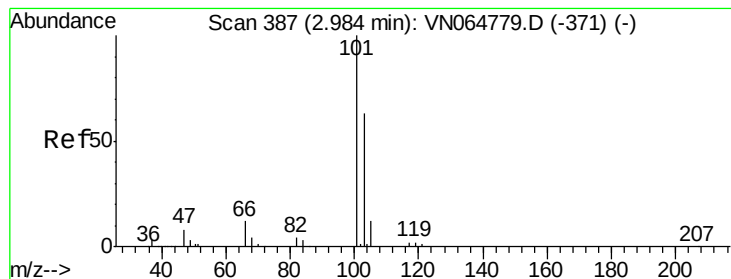
Tot Ion: 94 Resp: 30531
Ion Ratio Lower Upper
94 100
96 94.5 75.4 113.0



#6
Chloroethane
Concen: 17.562 ug/l
RT: 2.68 min Scan# 291
Delta R.T. 0.01 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

Tgt Ion: 64 Resp: 28890
Ion Ratio Lower Upper
64 100
66 31.5 25.6 38.4



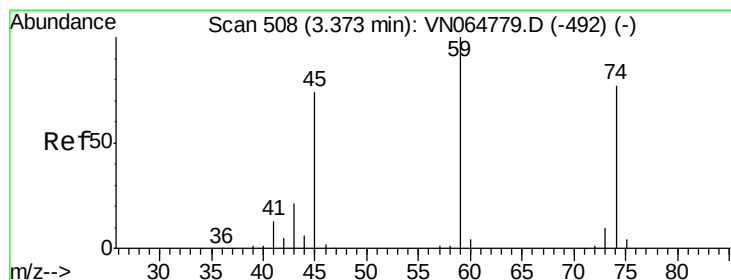
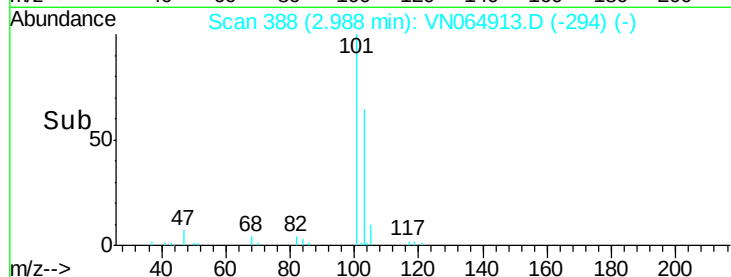
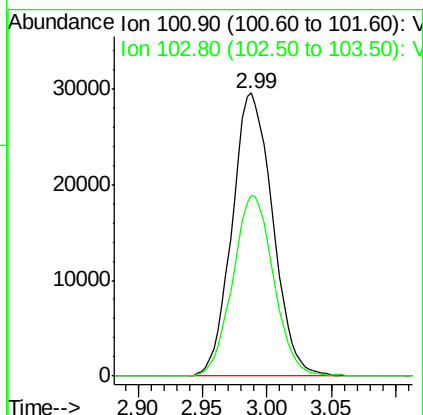
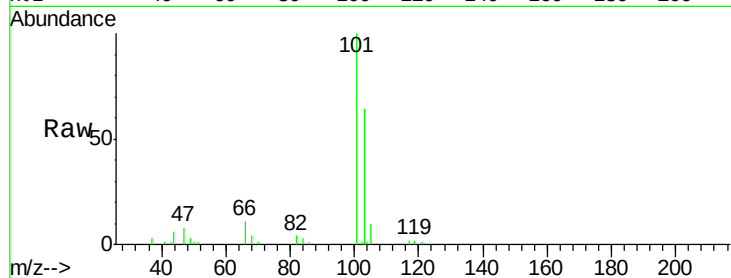


#7

Trichlorofluoromethane
 Concen: 17.623 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064913.D
 Acq: 4 Dec 2020 12:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204MBS01

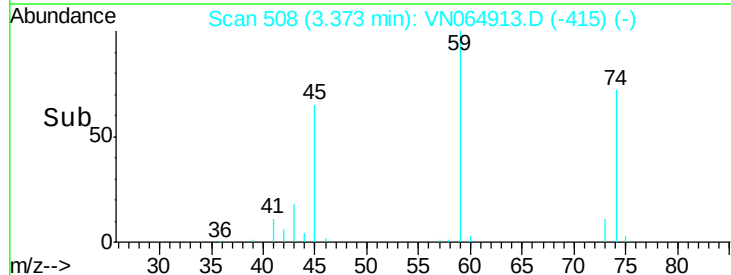
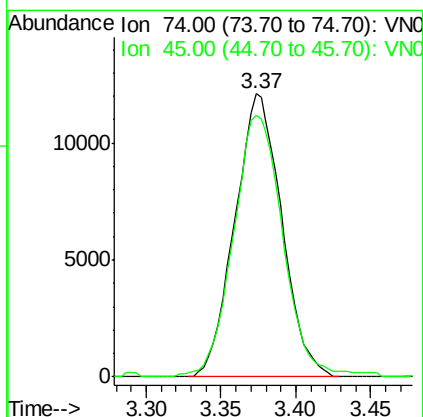
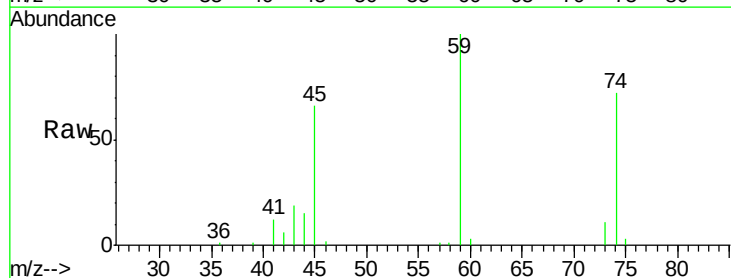
Tot Ion:101 Resp: 64792
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.5 75.7

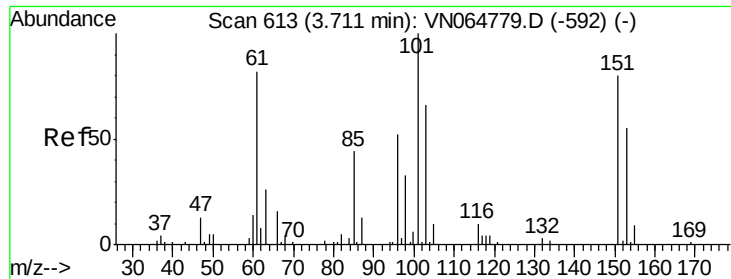


#8

Diethyl Ether
 Concen: 18.193 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064913.D
 Acq: 4 Dec 2020 12:52

Tgt Ion: 74 Resp: 26402
 Ion Ratio Lower Upper
 74 100
 45 97.7 48.9 146.8

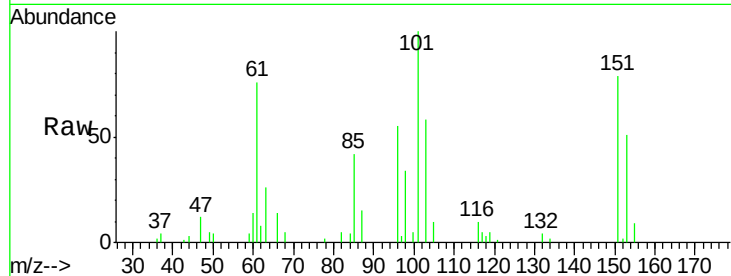




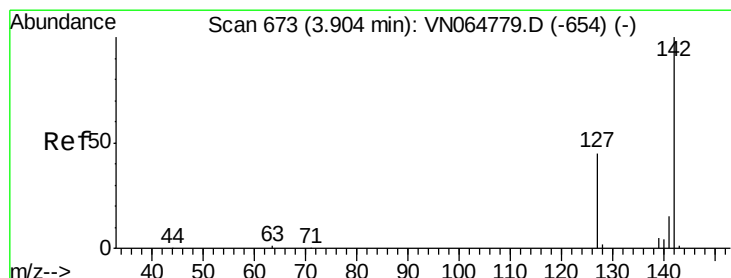
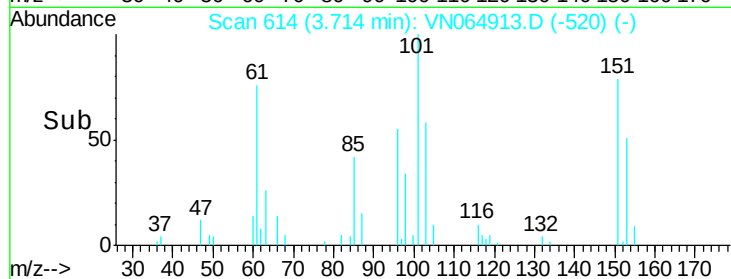
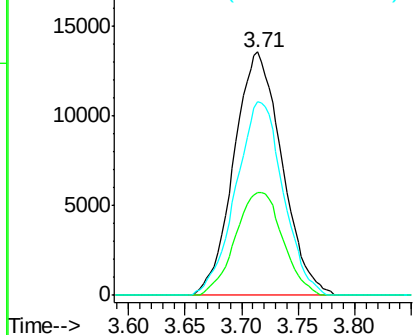
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.144 ug/l
 RT: 3.71 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: VN064913.D
 Acq: 4 Dec 2020 12:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204MBS01

Tot Ion:101 Resp: 40017
 Ion Ratio Lower Upper
 101 100
 85 41.7 34.4 51.6
 151 78.6 64.0 96.0

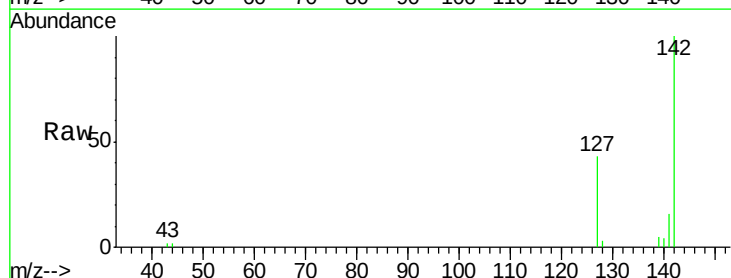


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

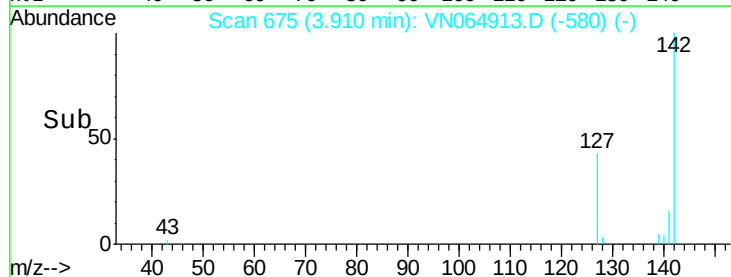
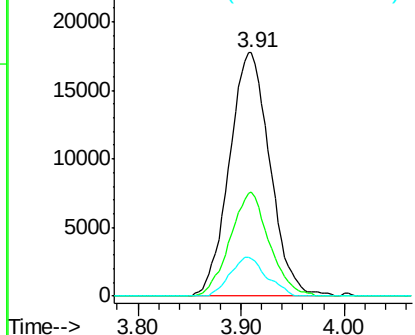


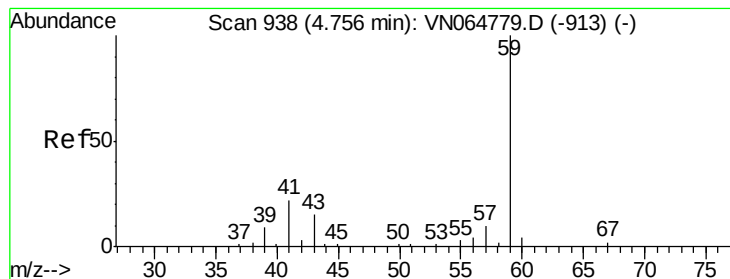
#10
 Methyl Iodide
 Concen: 16.988 ug/l
 RT: 3.91 min Scan# 675
 Delta R.T. 0.01 min
 Lab File: VN064913.D
 Acq: 4 Dec 2020 12:52

Tgt Ion:142 Resp: 48597
 Ion Ratio Lower Upper
 142 100
 127 41.2 35.0 52.6
 141 14.4 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: 84.548 ug/l

RT: 4.74 min Scan# 934

Delta R.T. -0.01 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampled :

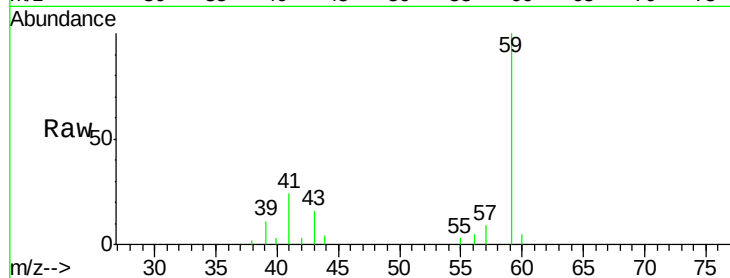
VN1204MBS01

Tot Ion: 59 Resp: 34722

Ion Ratio Lower Upper

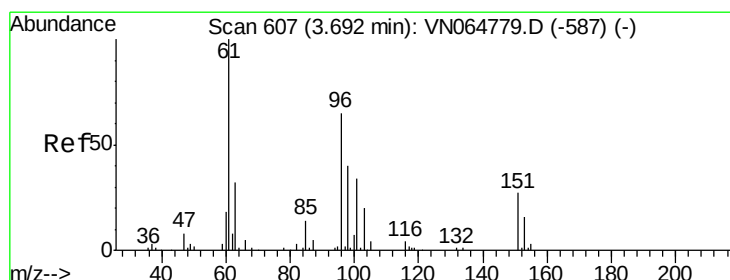
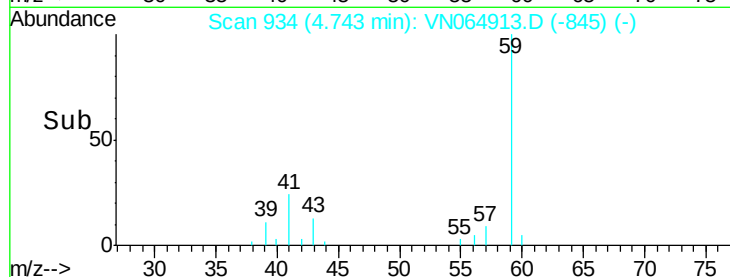
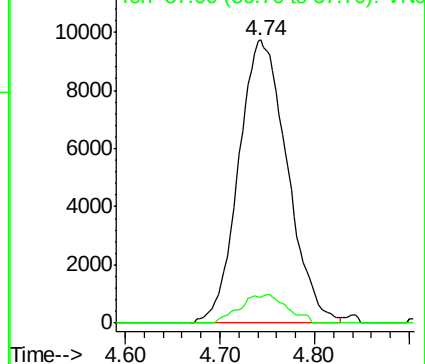
59 100

57 4.6 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 17.434 ug/l

RT: 3.69 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

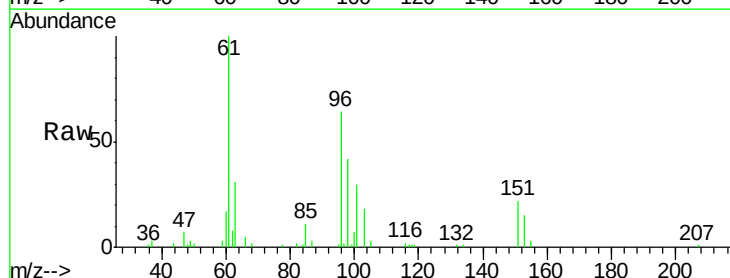
Tgt Ion: 96 Resp: 38294

Ion Ratio Lower Upper

96 100

61 155.6 123.4 185.2

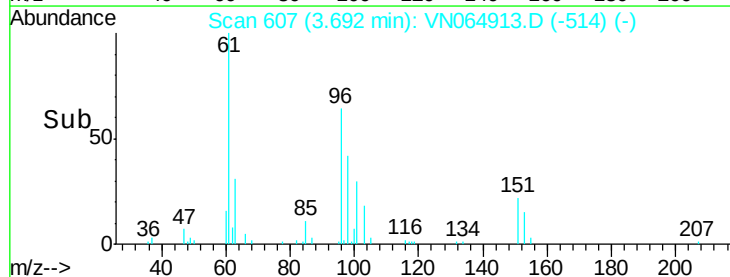
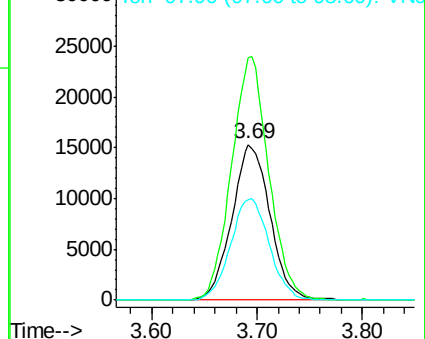
98 64.7 49.8 74.8

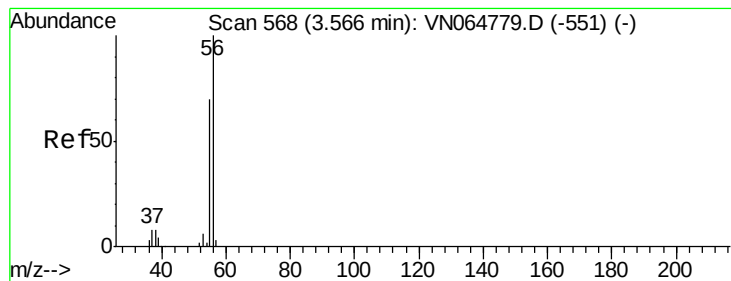


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 61.587 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

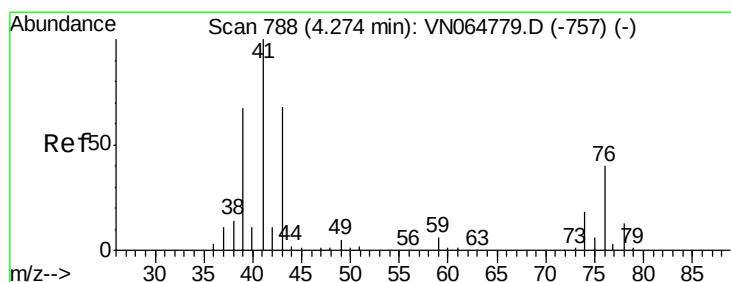
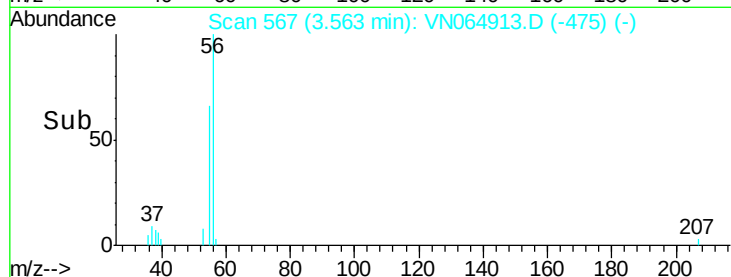
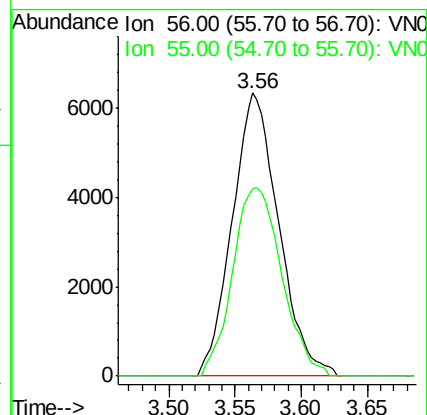
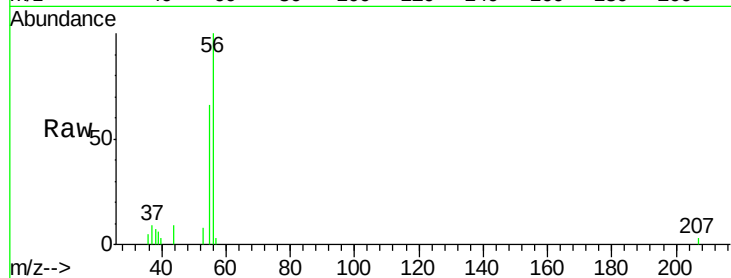
VN1204MBS01

Tot Ion: 56 Resp: 15449

Ion Ratio Lower Upper

56 100

55 70.4 56.5 84.7



#14

Allyl chloride

Concen: 17.401 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

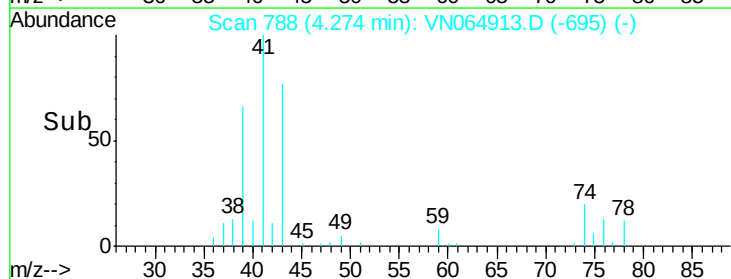
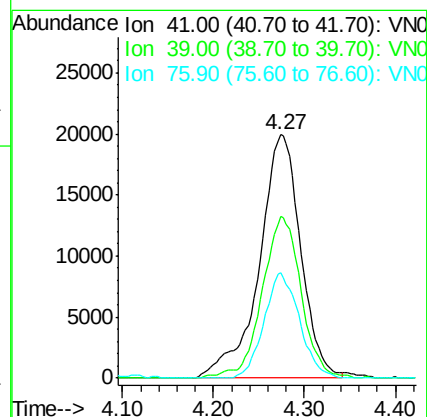
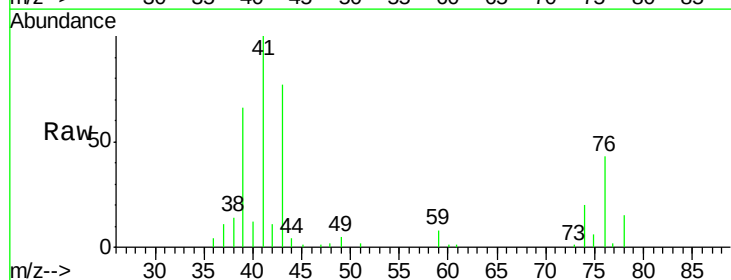
Tgt Ion: 41 Resp: 63041

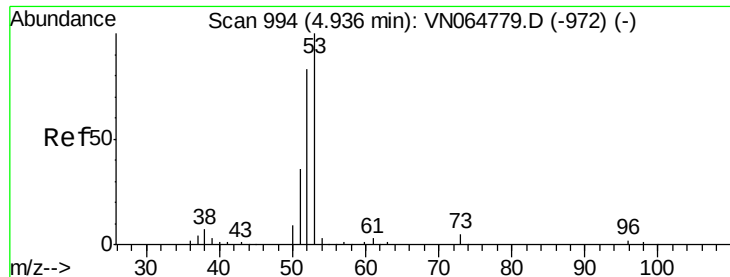
Ion Ratio Lower Upper

41 100

39 62.4 50.9 76.3

76 36.8 29.0 43.4





#15

Acrylonitrile

Concen: 91.847 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN1204MBS01

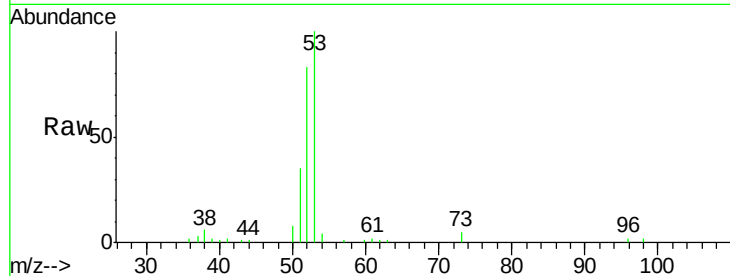
Tot Ion: 53 Resp: 104201

Ion Ratio Lower Upper

53 100

52 79.6 65.5 98.3

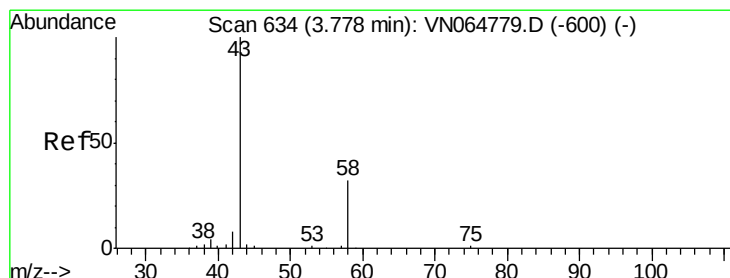
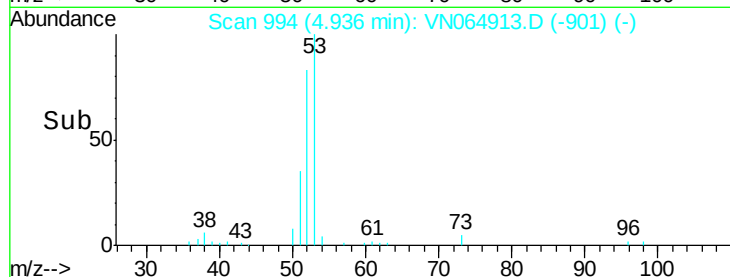
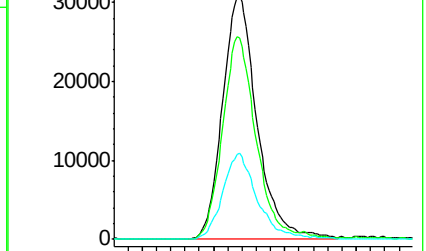
51 35.0 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064913.D (-901) (-)

Ion 52.00 (51.70 to 52.70): VN064913.D (-901) (-)

Ion 51.00 (50.70 to 51.70): VN064913.D (-901) (-)



#16

Acetone

Concen: 89.671 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064913.D

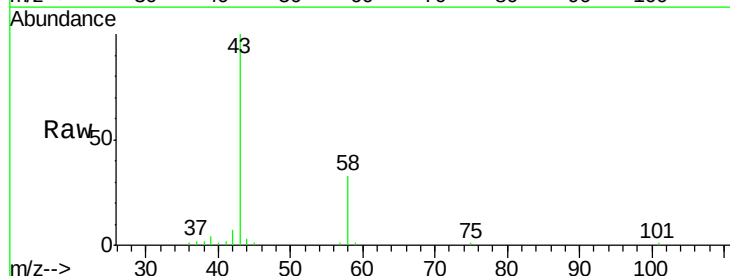
Acq: 4 Dec 2020 12:52

Tgt Ion: 43 Resp: 77624

Ion Ratio Lower Upper

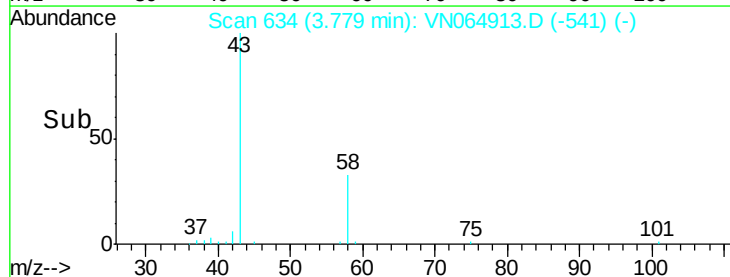
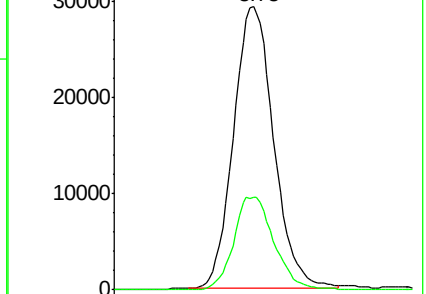
43 100

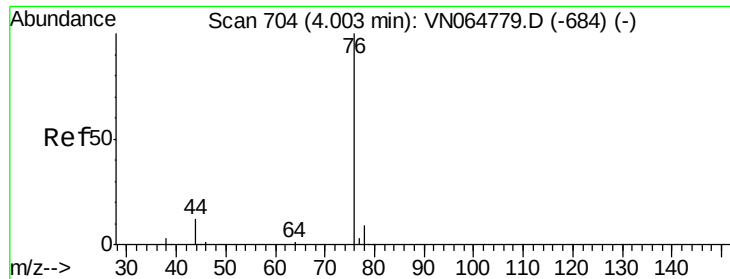
58 32.7 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064913.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN064913.D (-541) (-)

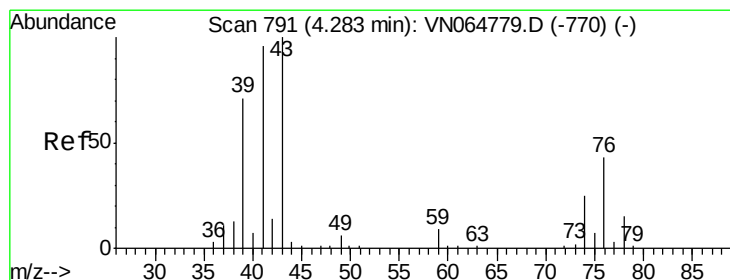
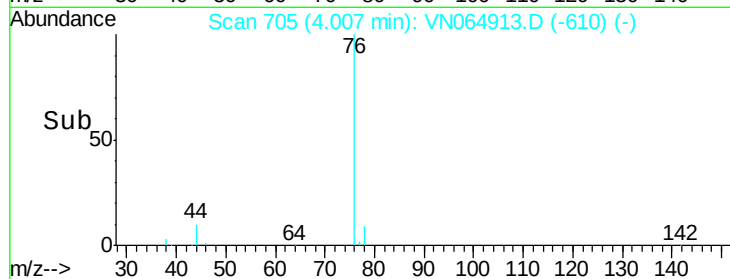
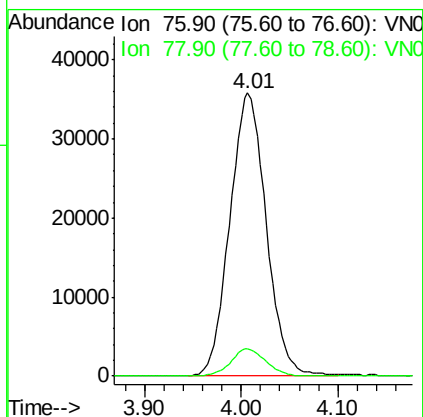
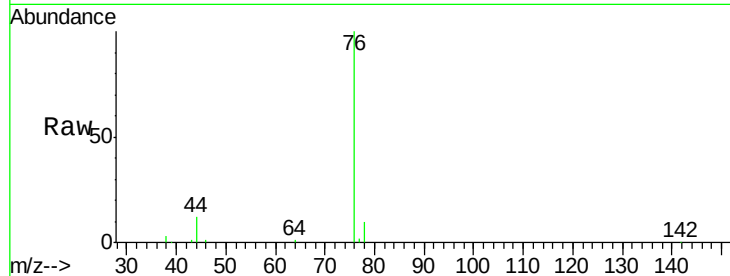




#17
Carbon Disulfide
Concen: 16.521 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

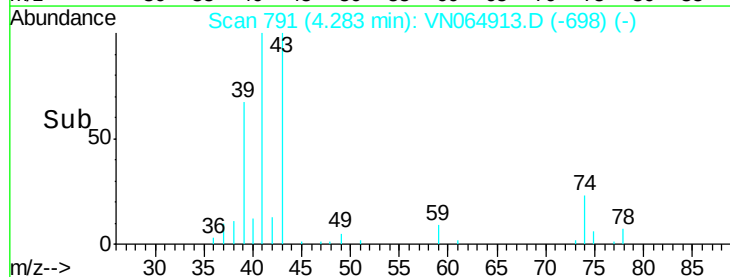
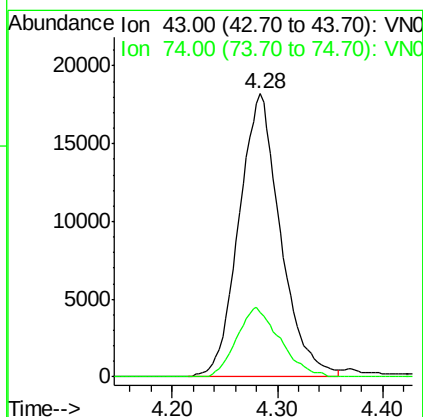
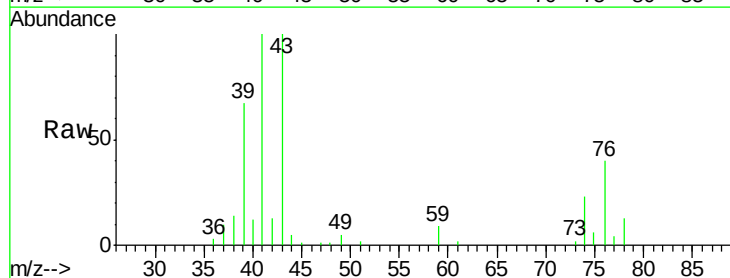
Instrument :
MSVOA_N
ClientSampleId :
VN1204MBS01

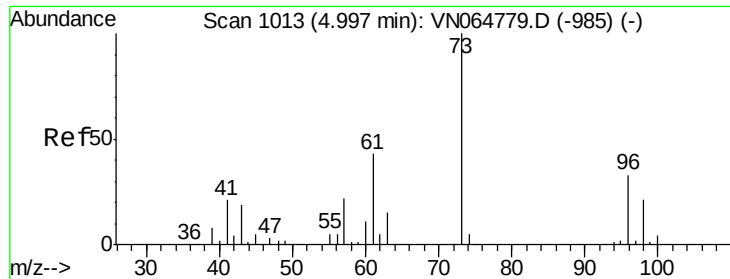
Tot Ion: 76 Resp: 93675
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 19.179 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

Tgt Ion: 43 Resp: 49915
Ion Ratio Lower Upper
43 100
74 25.4 20.2 30.2

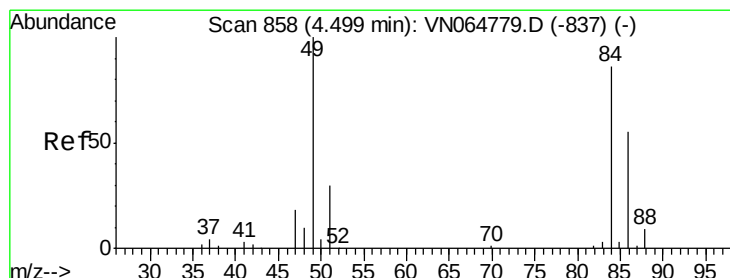
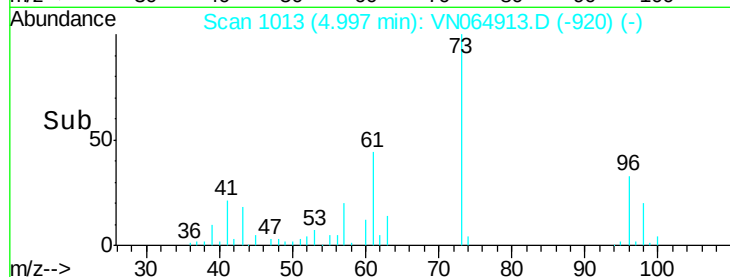
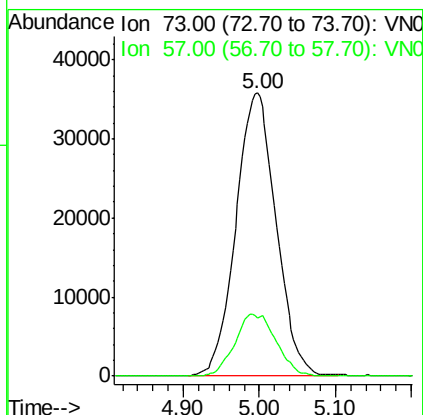
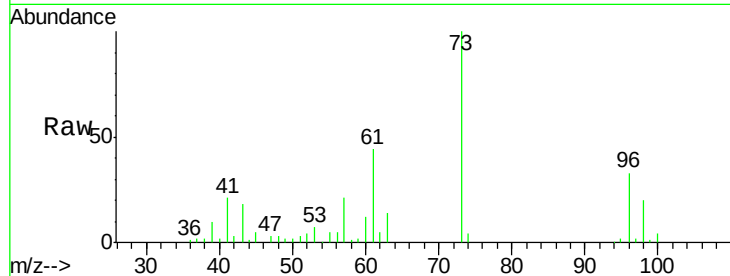




#19
Methyl tert-butyl Ether
Concen: 18.673 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

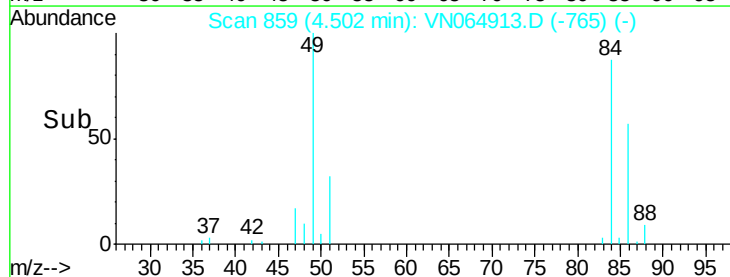
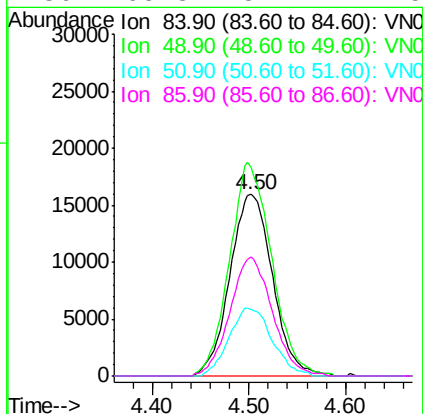
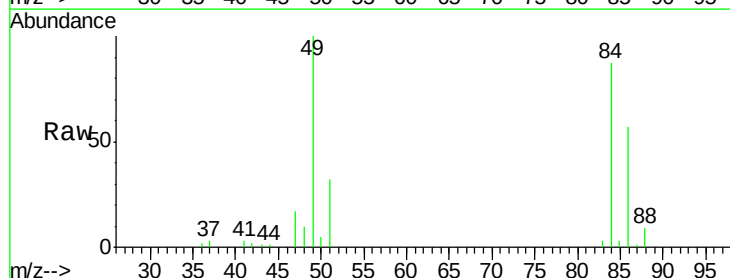
Instrument :
MSVOA_N
ClientSampleId :
VN1204MBS01

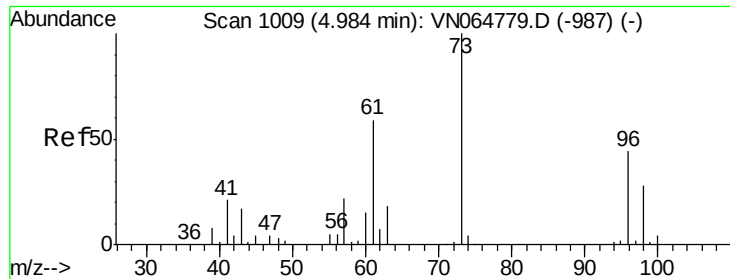
Tot Ion: 73 Resp: 131544
Ion Ratio Lower Upper
73 100
57 20.7 17.4 26.0



#20
Methylene Chloride
Concen: 18.000 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

Tgt Ion: 84 Resp: 48827
Ion Ratio Lower Upper
84 100
49 114.8 93.4 140.0
51 36.5 28.2 42.4
86 65.3 51.7 77.5

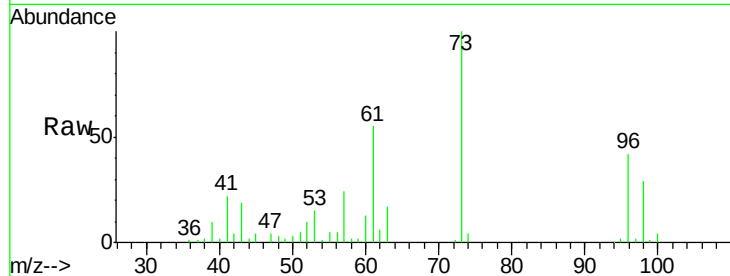




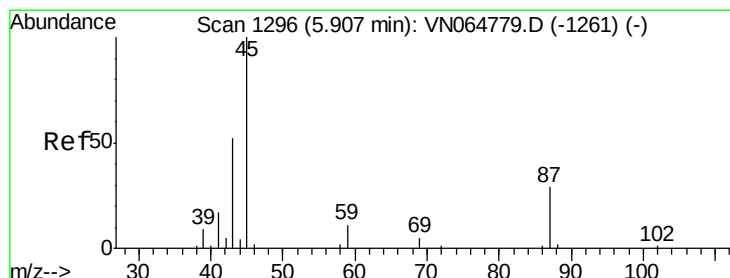
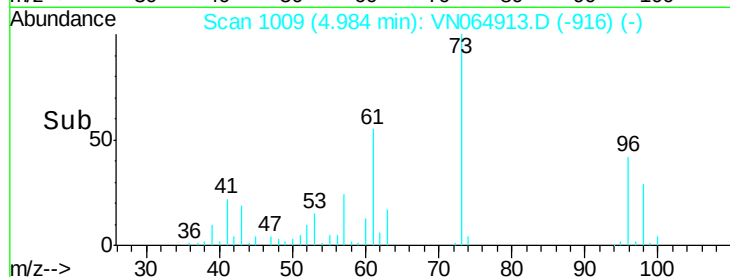
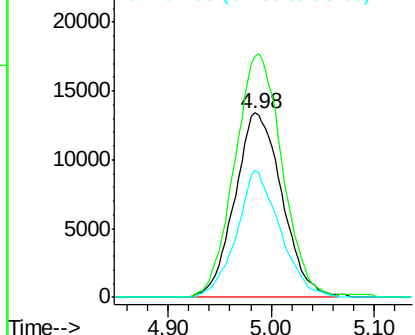
#21
trans-1,2-Dichloroethene
Concen: 17.494 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN1204MBS01

Tot Ion: 96 Resp: 42671
Ion Ratio Lower Upper
96 100
61 130.8 108.4 162.6
98 69.0 51.3 76.9

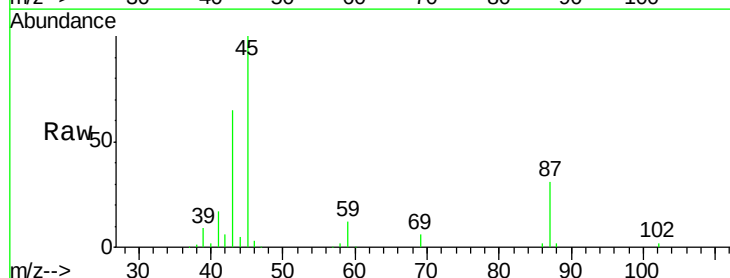


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

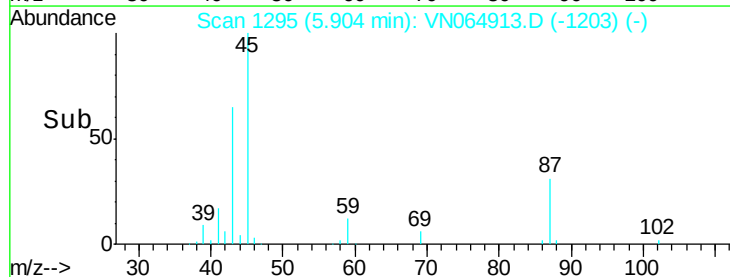
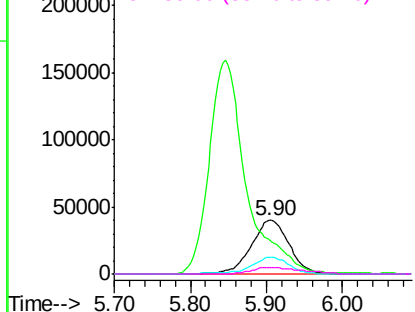


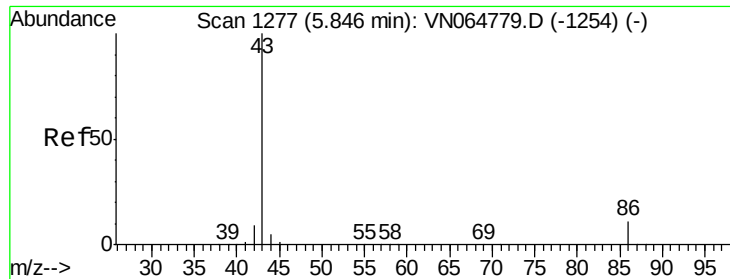
#22
Diisopropyl ether
Concen: 18.986 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

Tgt Ion: 45 Resp: 137671
Ion Ratio Lower Upper
45 100
43 61.6 46.2 69.2
87 31.3 24.1 36.1
59 12.0 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

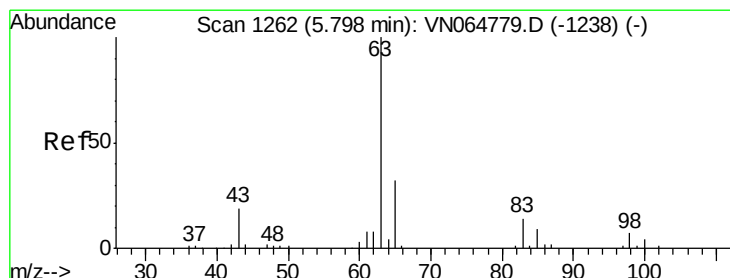
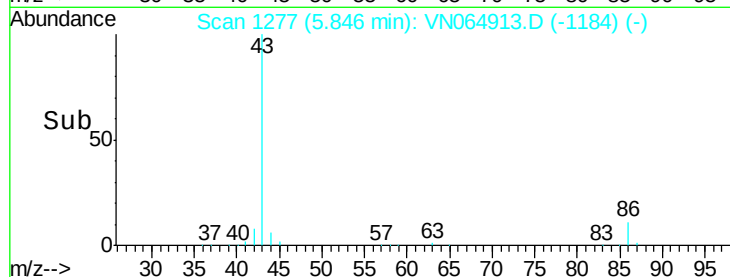
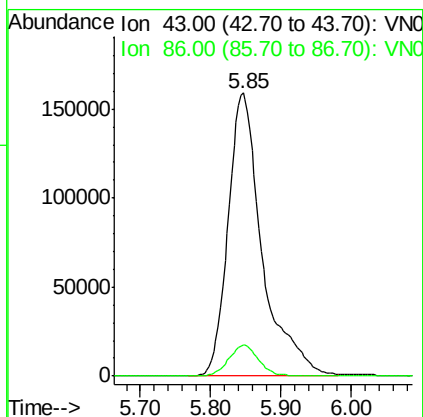
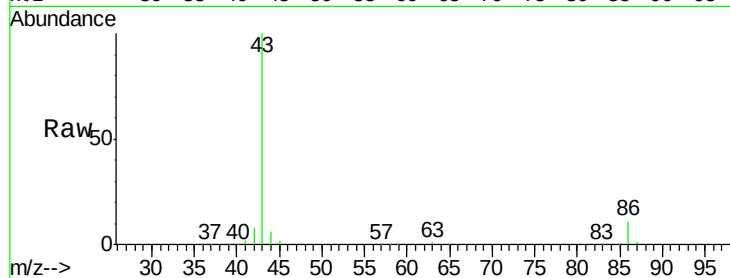




#23
 Vinyl Acetate
 Concen: 92.644 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064913.D
 Acq: 4 Dec 2020 12:52

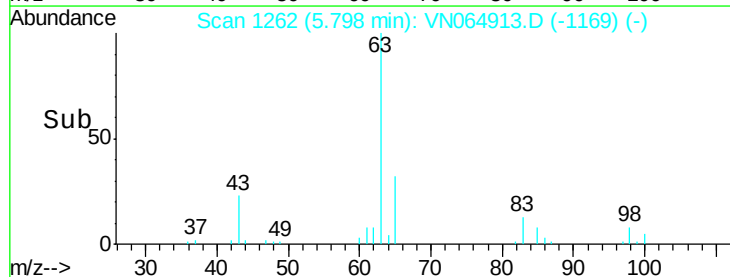
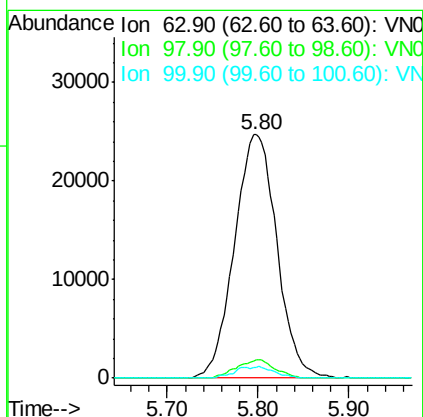
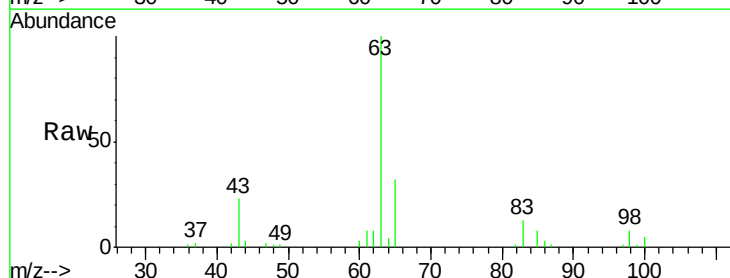
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204MBS01

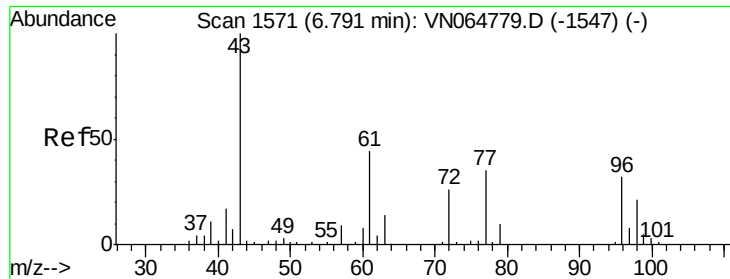
Tot Ion: 43 Resp: 537209
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 18.442 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064913.D
 Acq: 4 Dec 2020 12:52

Tgt Ion: 63 Resp: 79920
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.5
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 93.739 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampled :

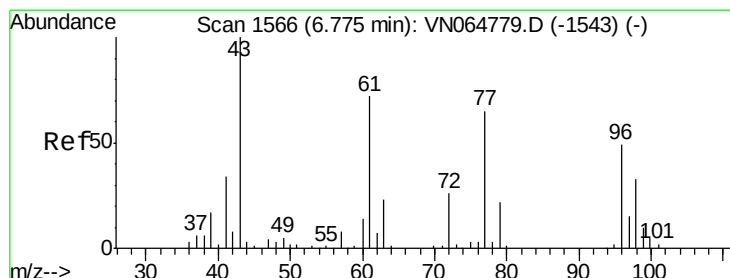
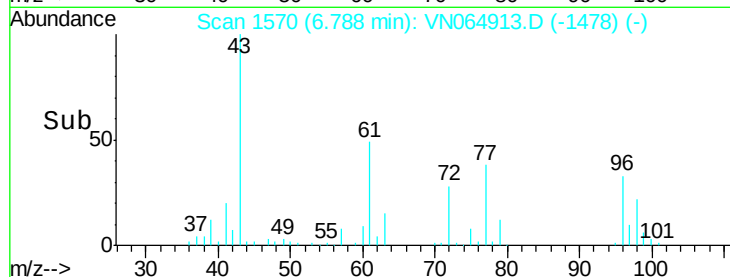
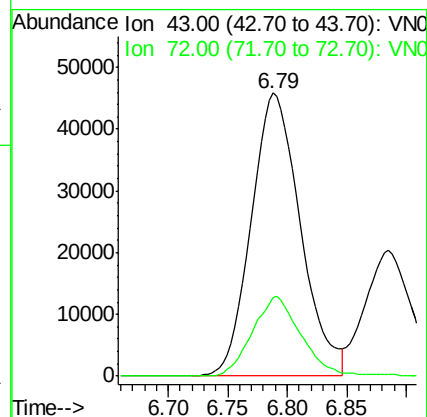
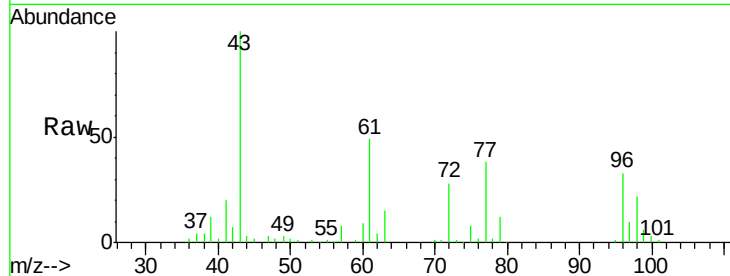
VN1204MBS01

Tot Ion: 43 Resp: 131541

Ion Ratio Lower Upper

43 100

72 27.7 21.0 31.6



#26

2,2-Dichloropropane

Concen: 18.031 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064913.D

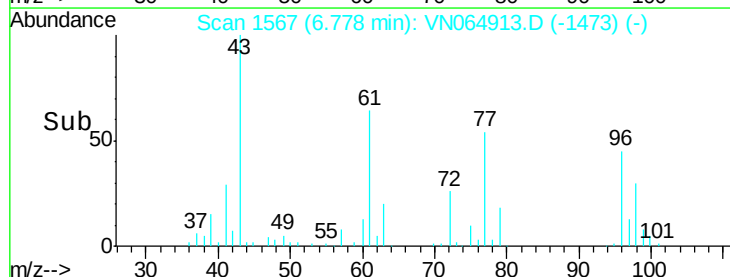
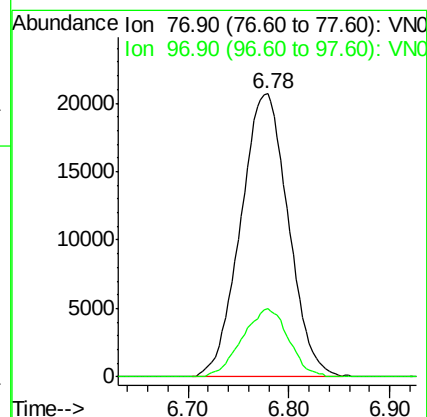
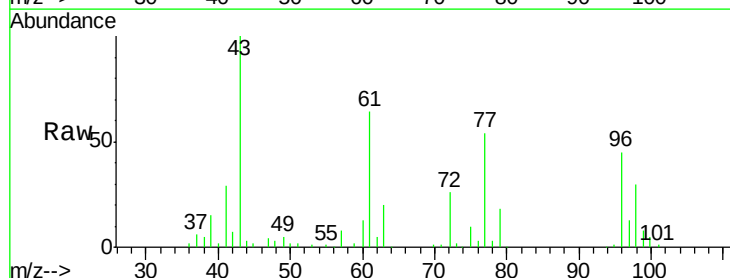
Acq: 4 Dec 2020 12:52

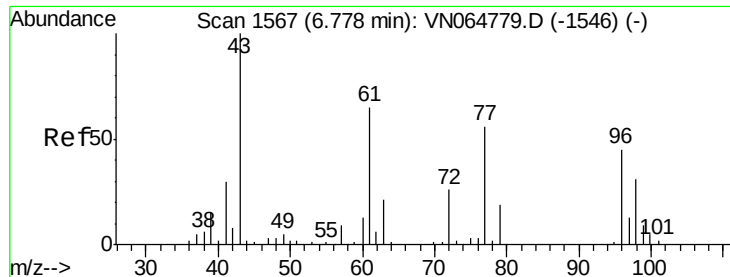
Tgt Ion: 77 Resp: 67769

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 18.233 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN1204MBS01

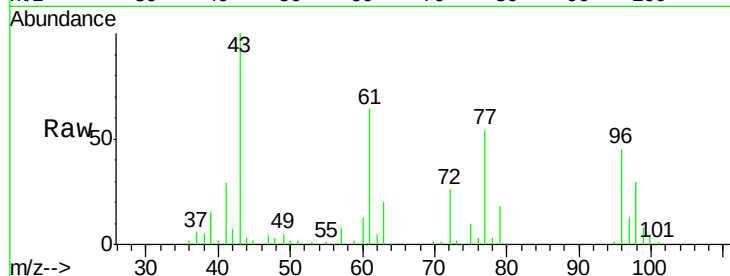
Tot Ion: 96 Resp: 50045

Ion Ratio Lower Upper

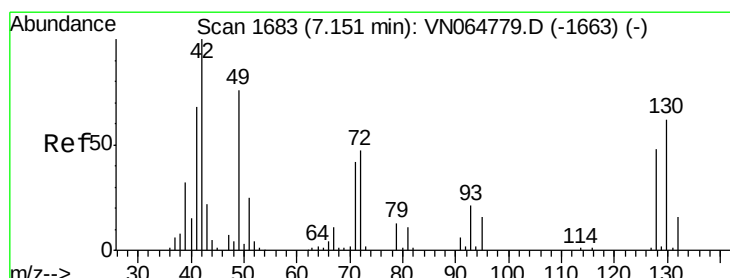
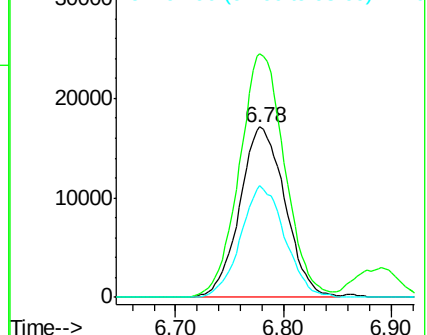
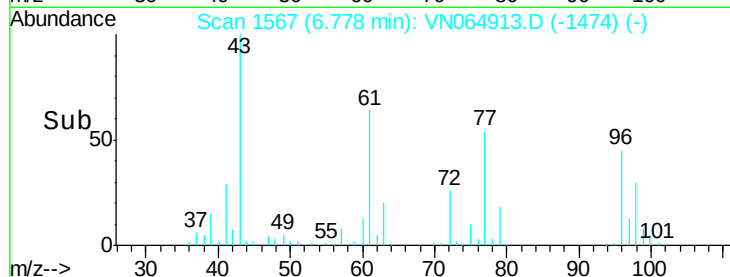
96 100

61 142.9 0.0 285.8

98 63.7 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064913.D (-1474) (-)



#28

Bromochloromethane

Concen: 20.137 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

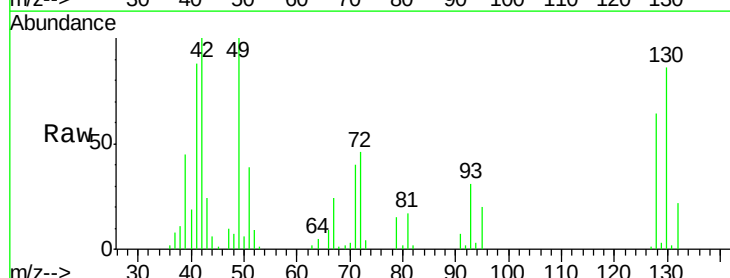
Tgt Ion: 49 Resp: 39921

Ion Ratio Lower Upper

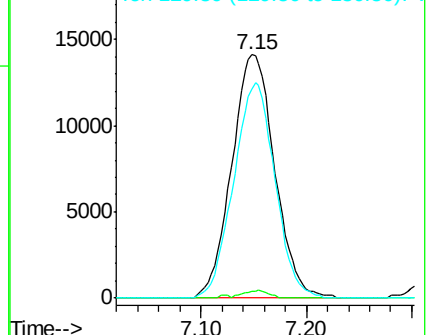
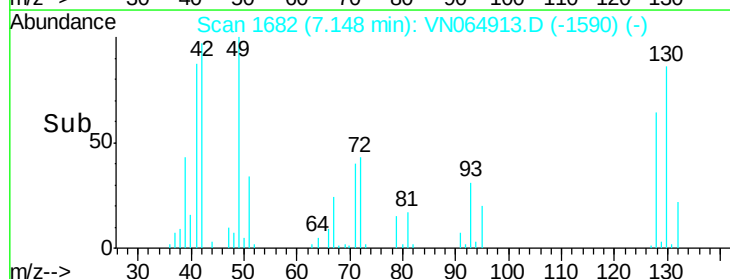
49 100

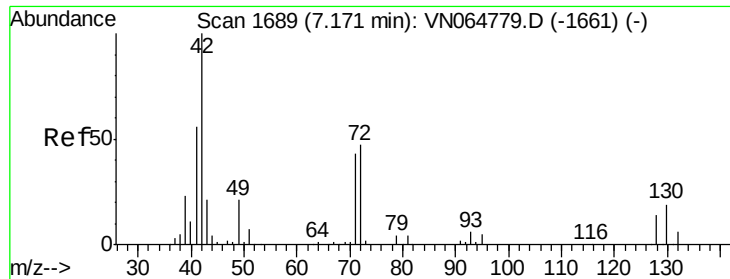
129 1.8 0.0 3.8

130 85.2 66.2 99.2



Abundance Ion 48.90 (48.60 to 49.60): VN064913.D (-1590) (-)





#29

Tetrahydrofuran

Concen: 86.499 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN1204MBS01

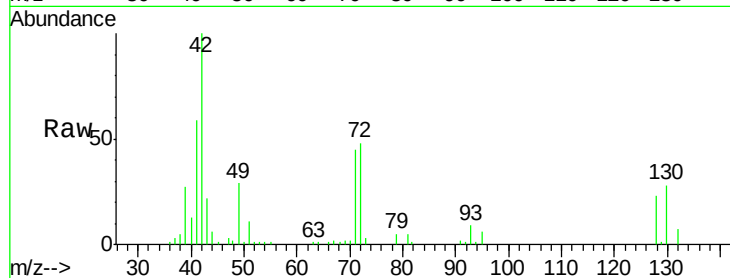
Tot Ion: 42 Resp: 83788

Ion Ratio Lower Upper

42 100

72 47.6 36.6 54.8

71 44.1 33.6 50.4

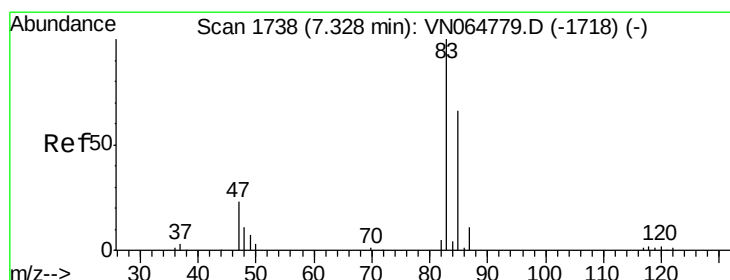
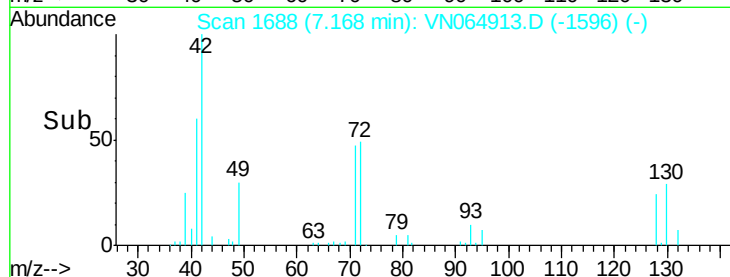


Abundance Ion 42.00 (41.70 to 42.70): VN064779.D (-1661) (-)

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

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

Time-->



#30

Chloroform

Concen: 18.802 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064913.D

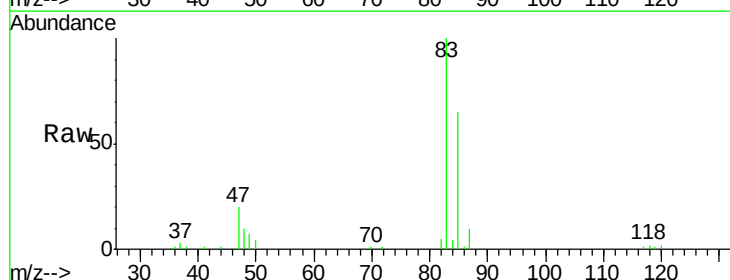
Acq: 4 Dec 2020 12:52

Tgt Ion: 83 Resp: 84025

Ion Ratio Lower Upper

83 100

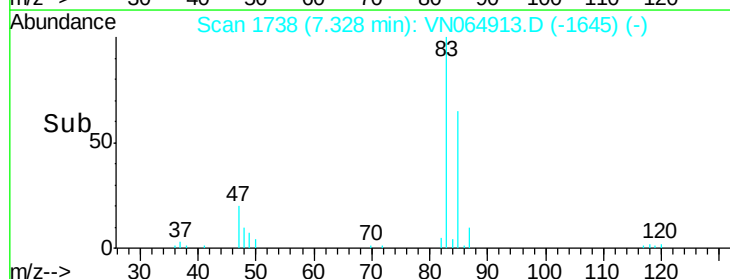
85 65.2 52.6 78.8

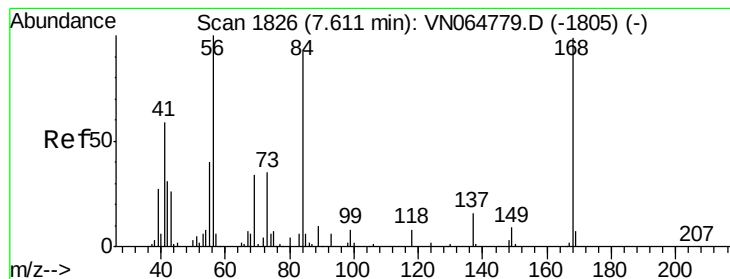


Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-1718) (-)

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

Time-->





#31

Cyclohexane

Concen: 16.878 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampled :

VN1204MBS01

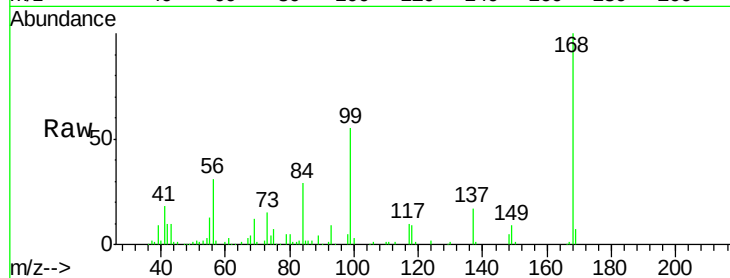
Tot Ion: 56 Resp: 61946

Ion Ratio Lower Upper

56 100

69 40.6 27.5 41.3

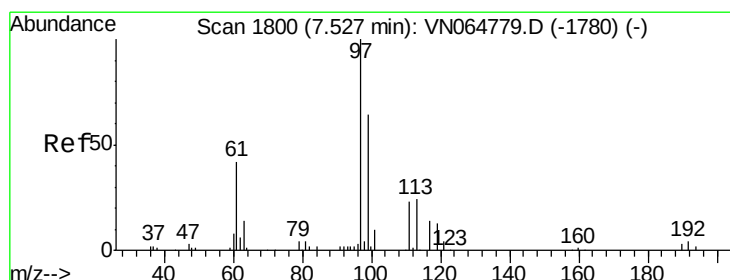
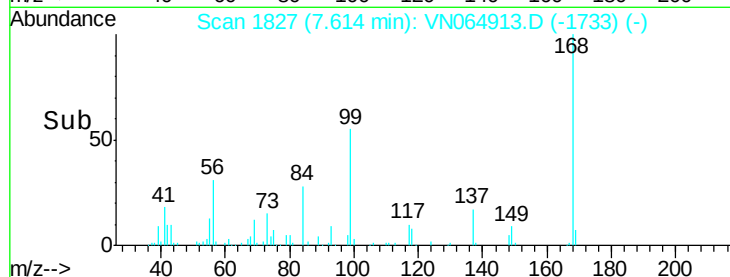
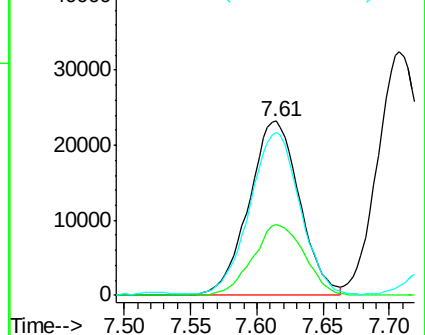
84 92.9 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN064913.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064913.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064913.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 17.970 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

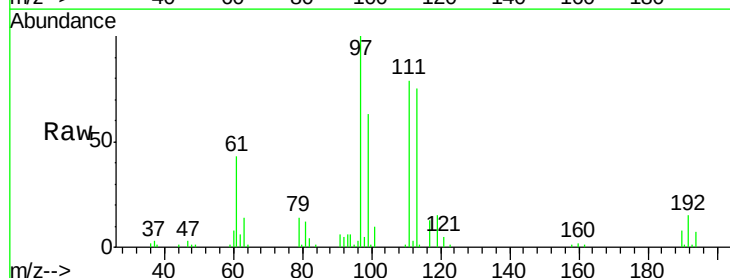
Tgt Ion: 97 Resp: 68974

Ion Ratio Lower Upper

97 100

99 67.1 51.7 77.5

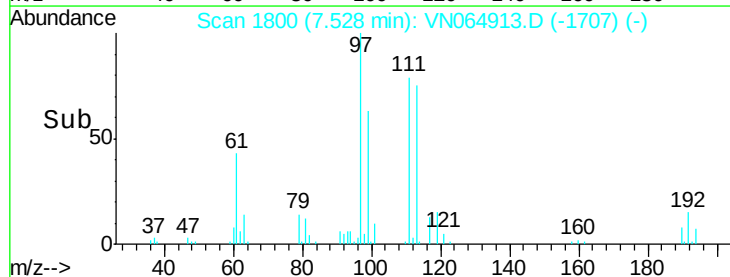
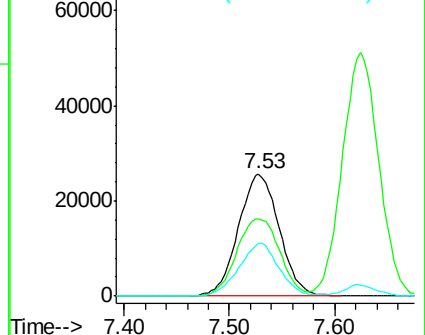
61 42.2 33.9 50.9

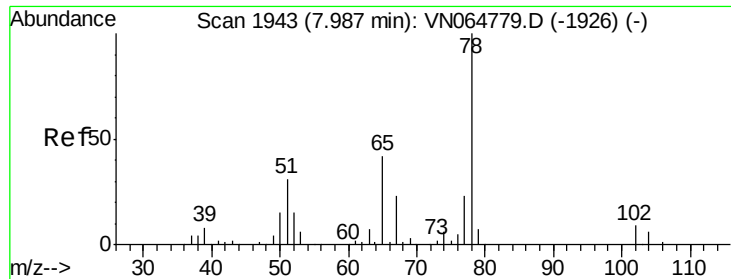


Abundance Ion 96.90 (96.60 to 97.60): VN064913.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064913.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064913.D (-1707) (-)

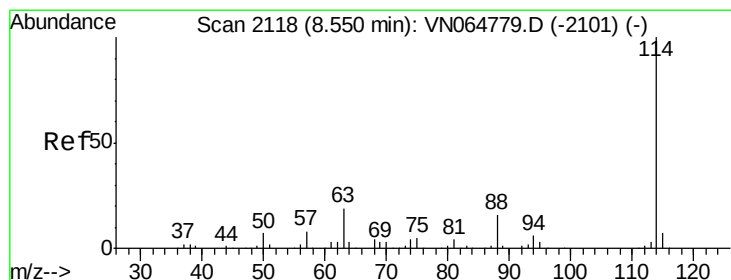
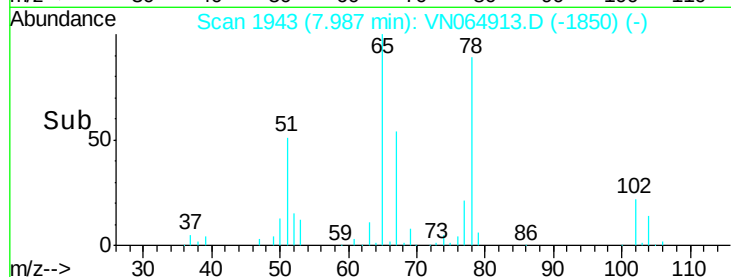
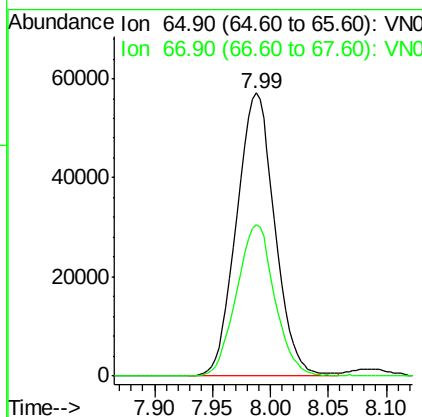
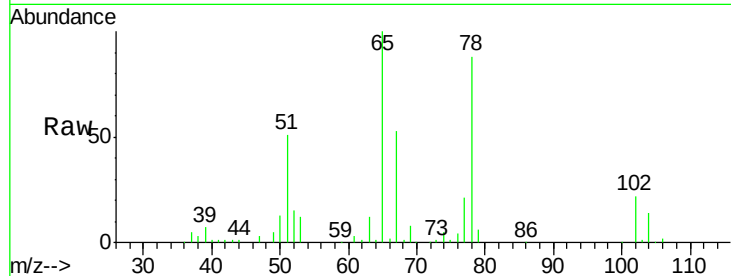




#33
 1,2-Dichloroethane-d4
 Concen: 49.727 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064913.D
 Acq: 4 Dec 2020 12:52

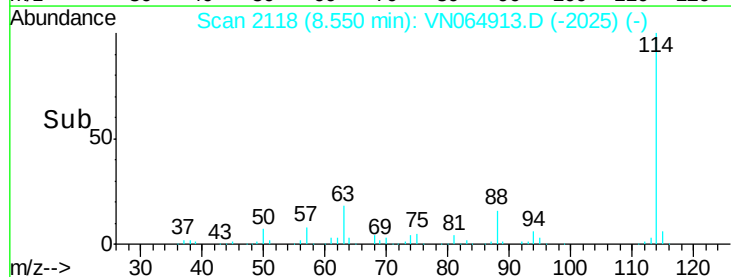
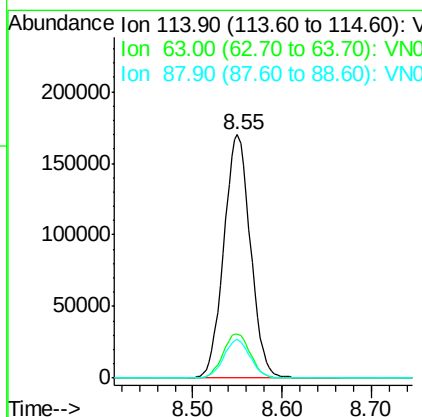
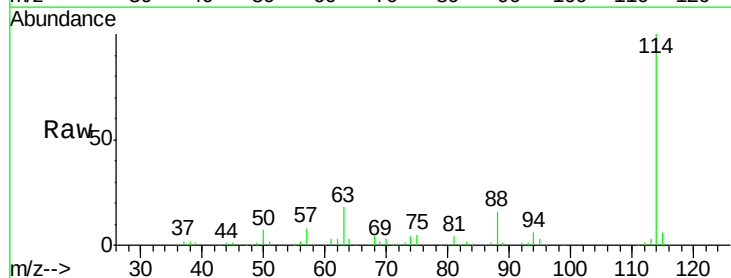
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204MBS01

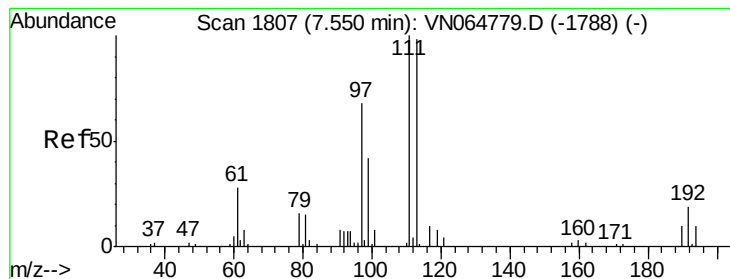
Tot Ion: 65 Resp: 130949
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064913.D
 Acq: 4 Dec 2020 12:52

Tgt Ion: 114 Resp: 351747
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.6
 88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.544 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN1204MBS01

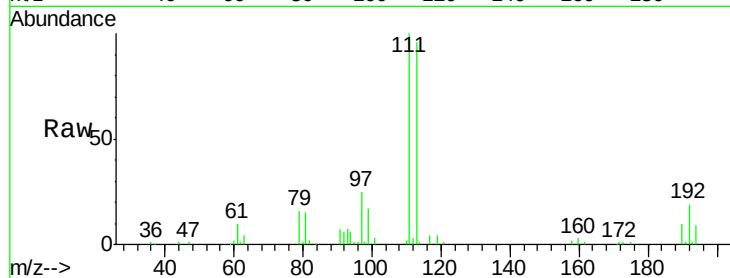
Tot Ion:113 Resp: 112696

Ion Ratio Lower Upper

113 100

111 105.2 81.6 122.4

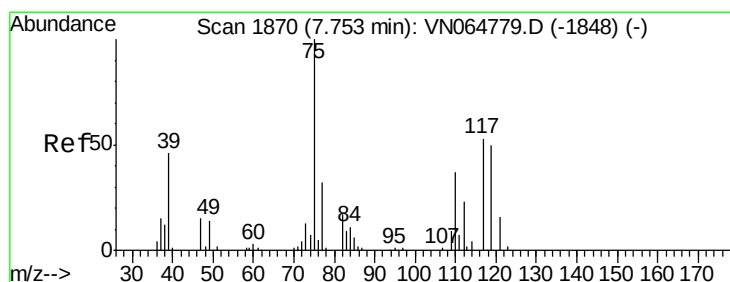
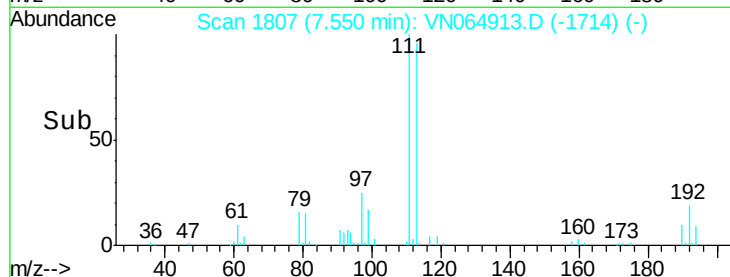
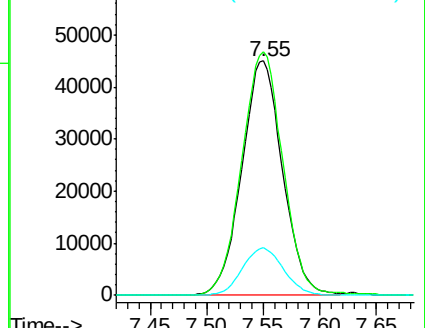
192 20.4 16.2 24.2



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: 17.990 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

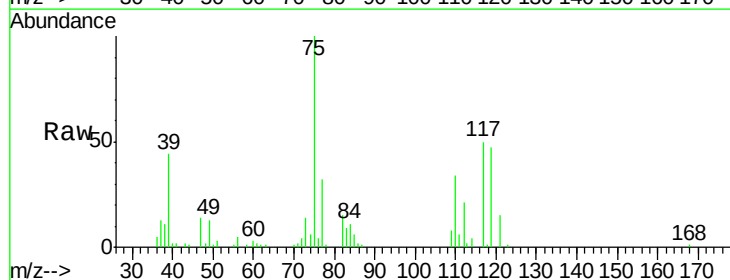
Tgt Ion: 75 Resp: 58652

Ion Ratio Lower Upper

75 100

110 35.6 17.8 53.3

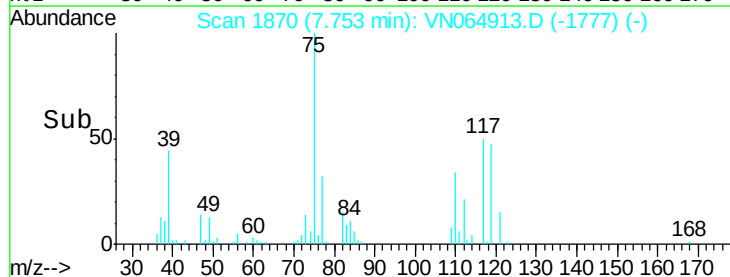
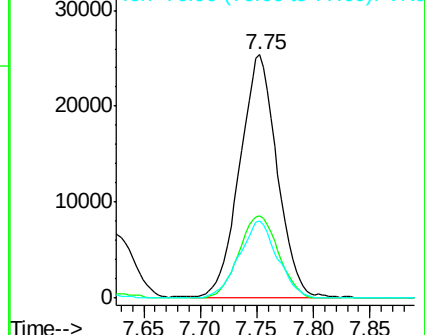
77 32.2 25.0 37.4

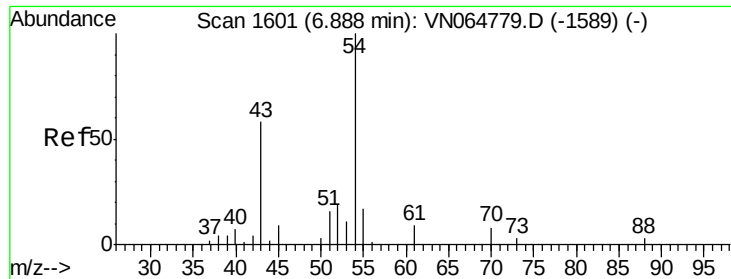


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

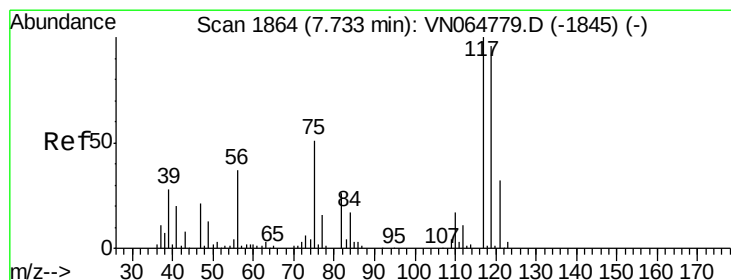
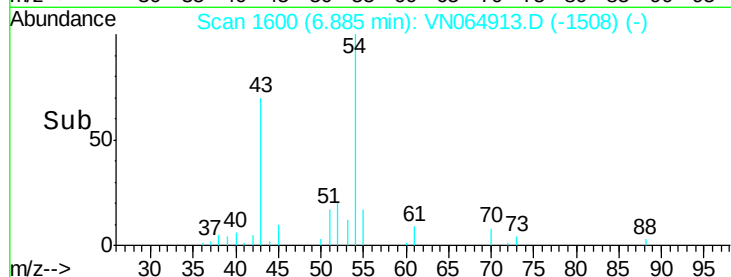
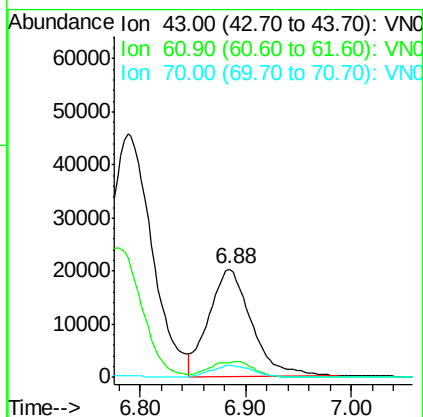
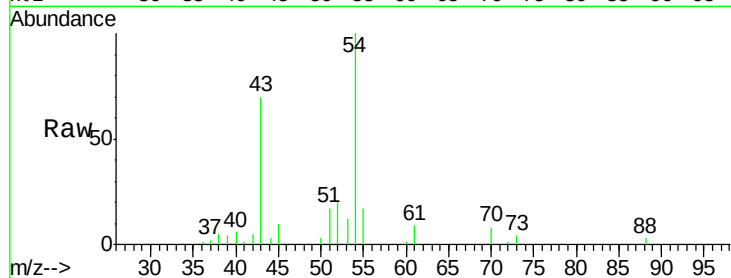




#37
Ethyl Acetate
Concen: 18.027 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

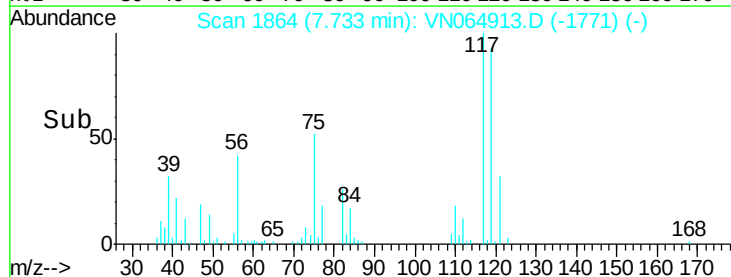
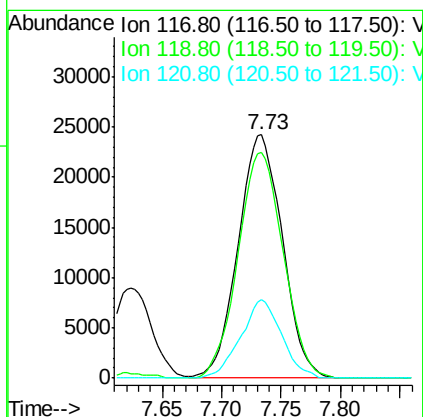
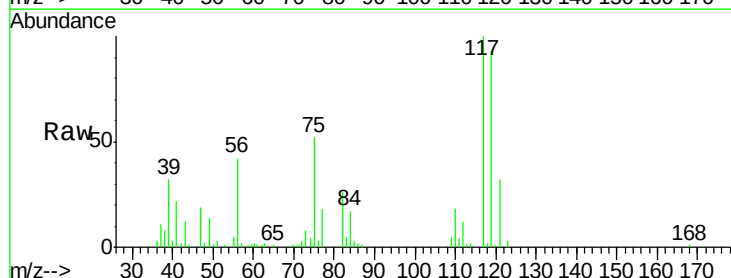
Instrument :
MSVOA_N
ClientSampled :
VN1204MBS01

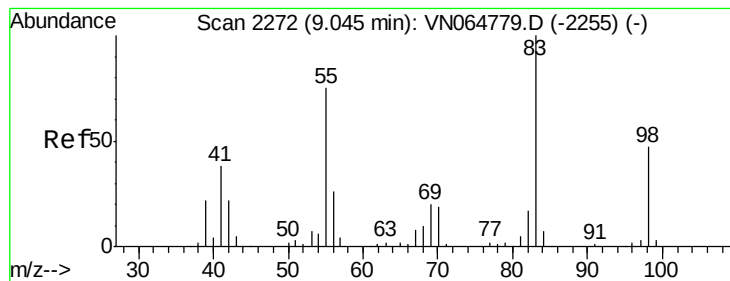
Tot Ion: 43 Resp: 56615
Ion Ratio Lower Upper
43 100
61 15.3 12.8 19.2
70 11.0 8.8 13.2



#38
Carbon Tetrachloride
Concen: 18.429 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

Tgt Ion: 117 Resp: 62519
Ion Ratio Lower Upper
117 100
119 92.7 76.7 115.1
121 32.0 25.4 38.2





#39

Methylvlcyclohexane

Concen: 15.956 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN1204MBS01

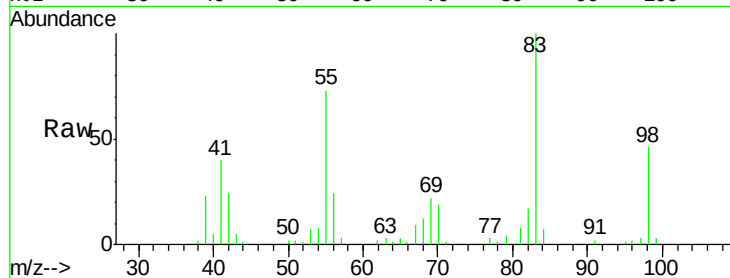
Tot Ion: 83 Resp: 56001

Ion Ratio Lower Upper

83 100

55 73.3 60.2 90.2

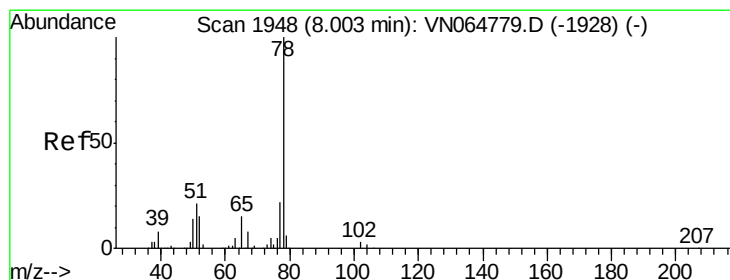
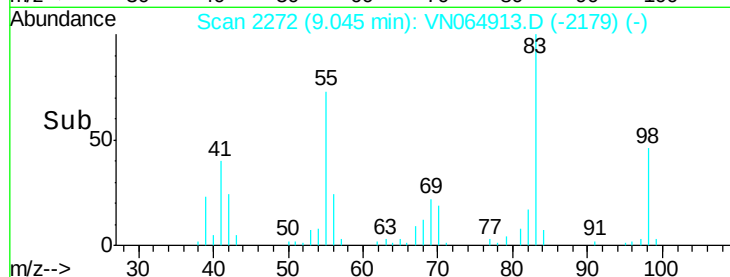
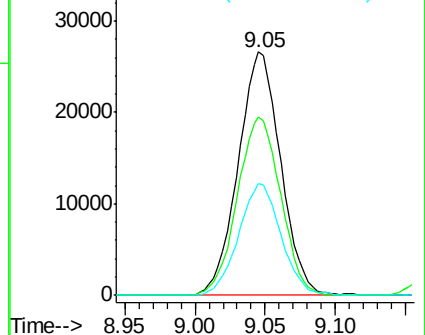
98 45.7 37.4 56.2



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: 18.334 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064913.D

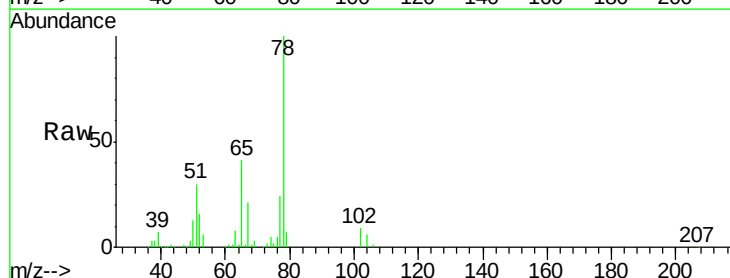
Acq: 4 Dec 2020 12:52

Tgt Ion: 78 Resp: 183170

Ion Ratio Lower Upper

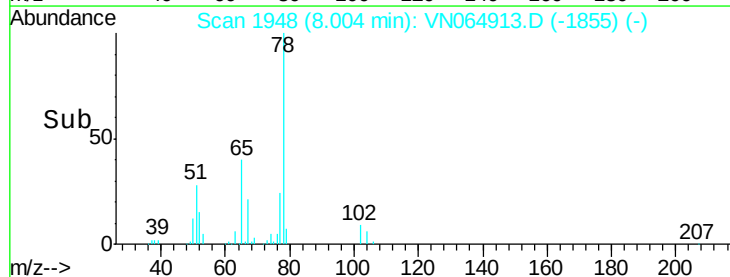
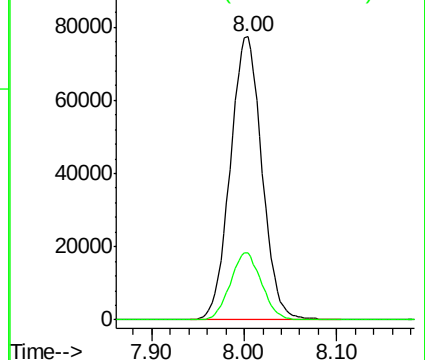
78 100

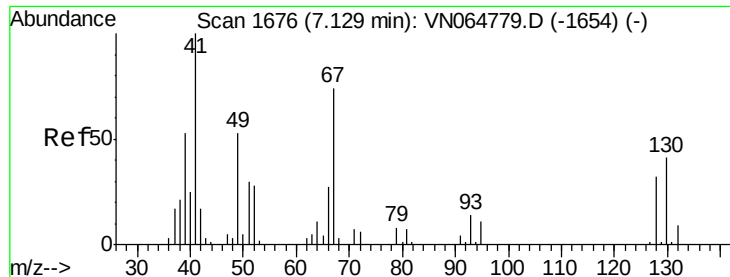
77 23.8 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

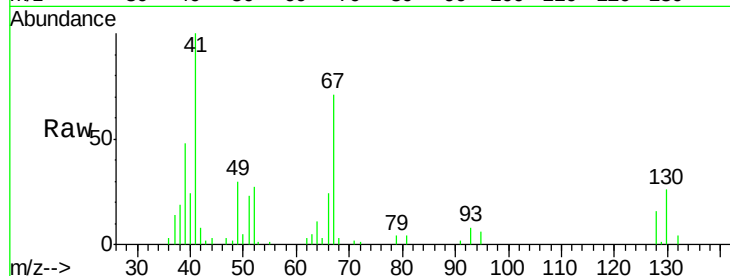




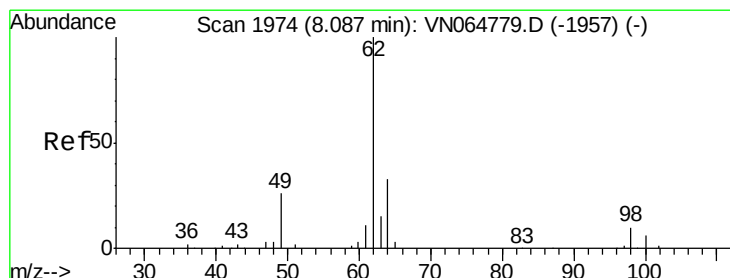
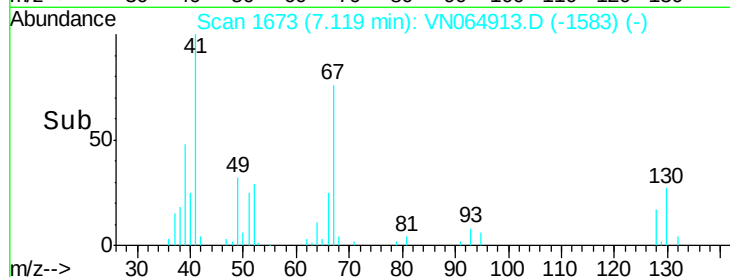
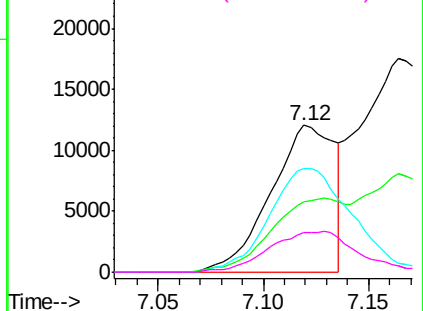
#41
Methacrylonitrile
Concen: 17.448 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN1204MBS01

Tot Ion:	41	Resp:	25284
Ion	Ratio	Lower	Upper
41	100		
39	56.6	51.0	76.6
67	92.4	79.8	119.8
52	38.5	31.5	47.3

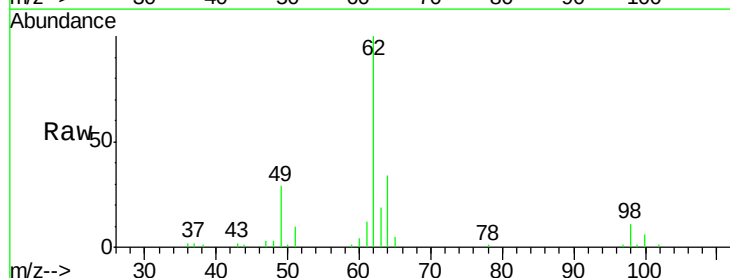


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

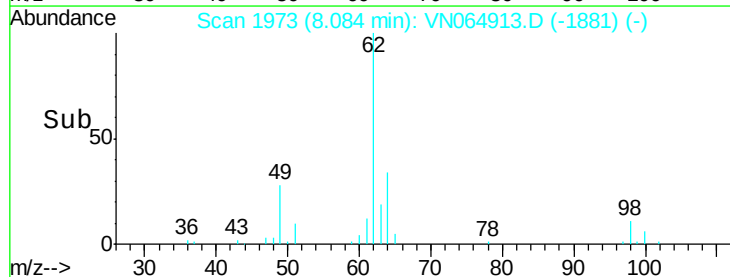
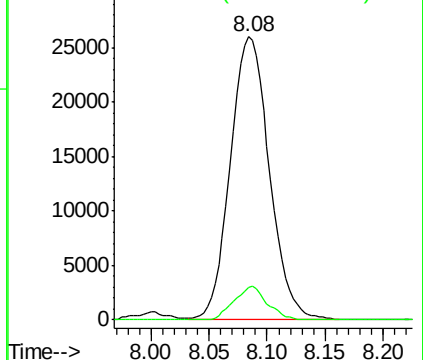


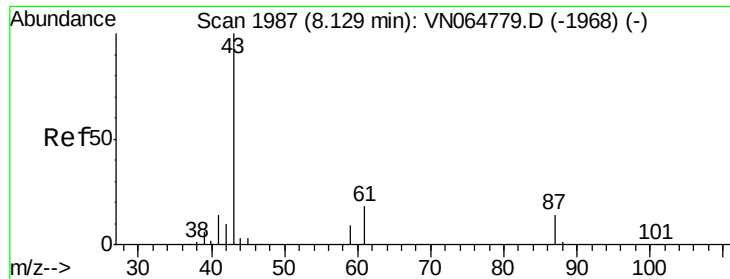
#42
1,2-Dichloroethane
Concen: 18.026 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

Tgt Ion:	62	Resp:	60755
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.6



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





#43

Isopropyl Acetate

Concen: 17.812 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN1204MBS01

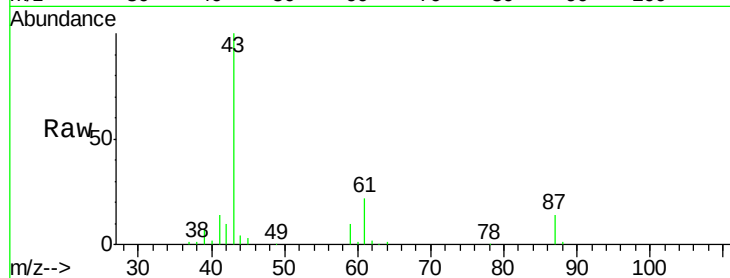
Tot Ion: 43 Resp: 90014

Ion Ratio Lower Upper

43 100

61 22.5 17.2 25.8

87 14.6 11.4 17.0

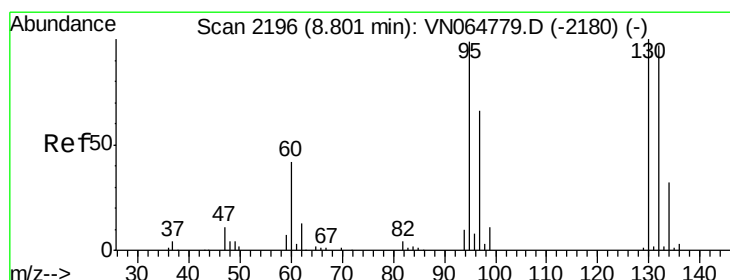
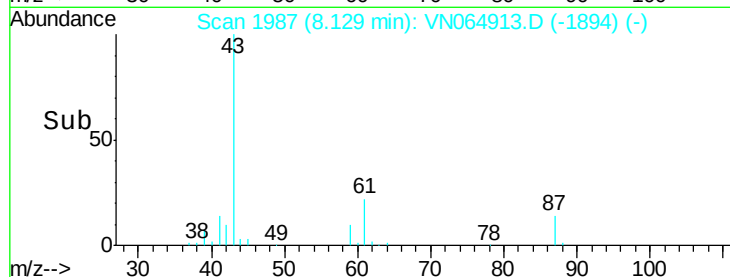


Abundance Ion 43.00 (42.70 to 43.70): VN064913.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064913.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064913.D (-1968) (-)

Time-->



#44

Trichloroethene

Concen: 17.957 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064913.D

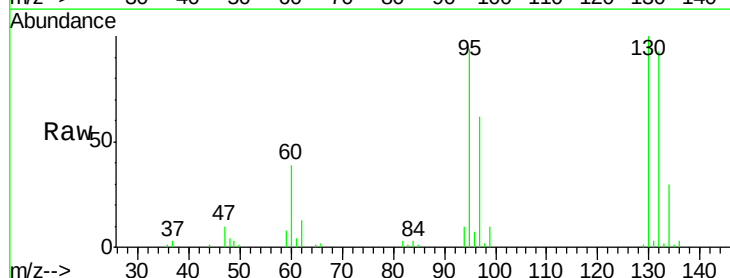
Acq: 4 Dec 2020 12:52

Tgt Ion:130 Resp: 52935

Ion Ratio Lower Upper

130 100

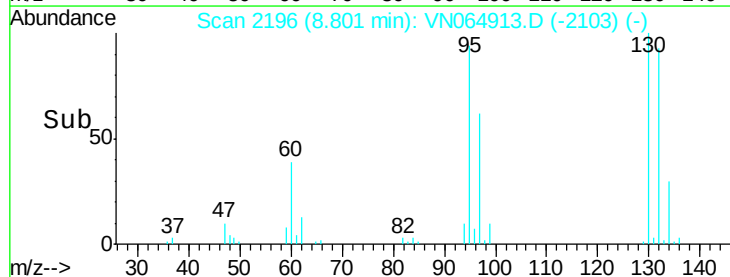
95 93.6 0.0 197.8

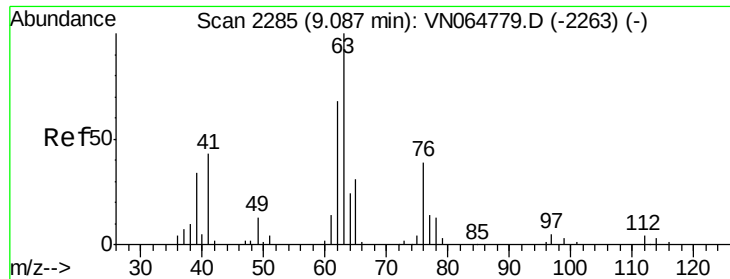


Abundance Ion 129.80 (129.50 to 130.50): VN064913.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064913.D (-2180) (-)

Time-->

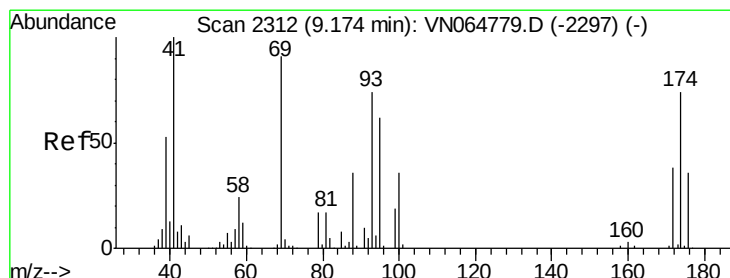
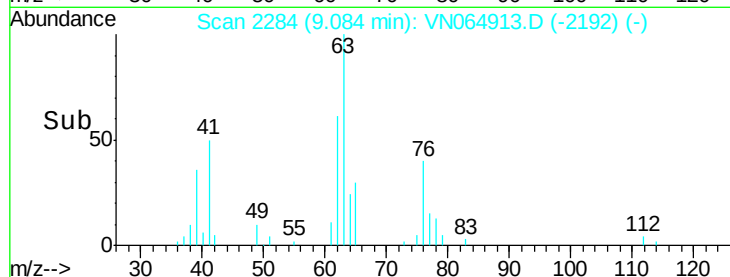
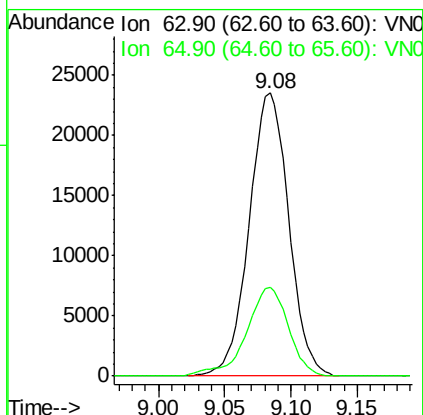
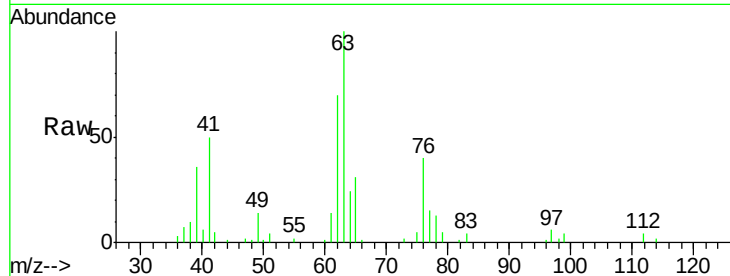




#45
 1,2-Dichloropropane
 Concen: 18.898 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064913.D
 Acq: 4 Dec 2020 12:52

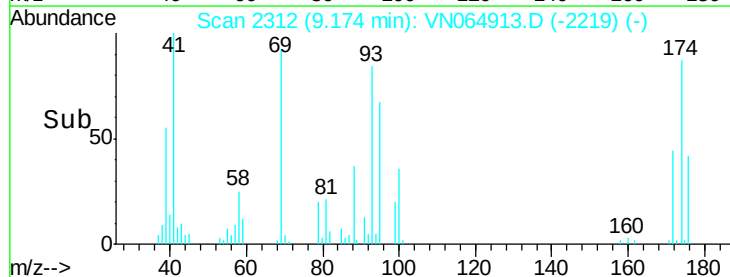
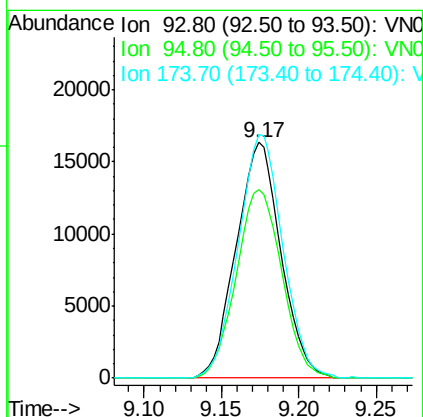
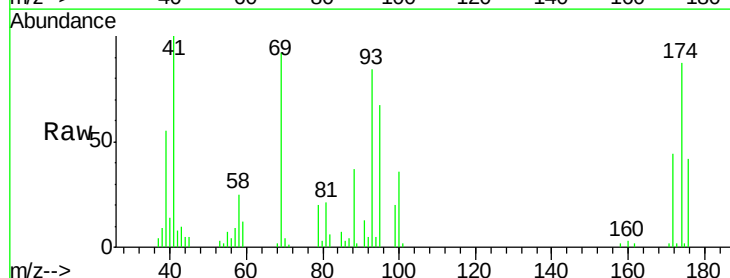
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204MBS01

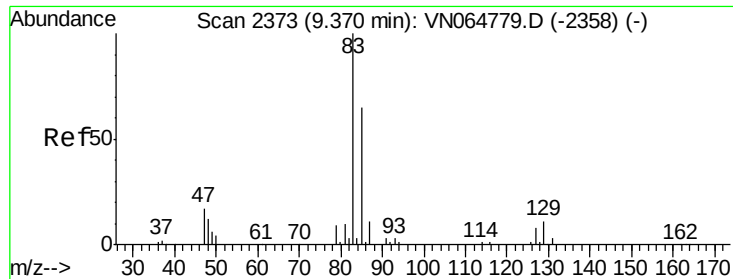
Tot Ion: 63 Resp: 48895
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.4



#46
 Dibromomethane
 Concen: 19.033 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064913.D
 Acq: 4 Dec 2020 12:52

Tgt Ion: 93 Resp: 32898
 Ion Ratio Lower Upper
 93 100
 95 81.6 68.8 103.2
 174 103.3 83.1 124.7

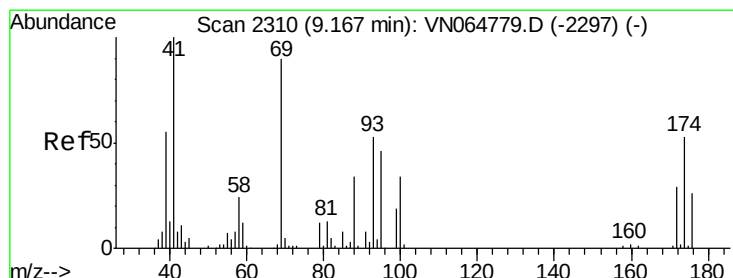
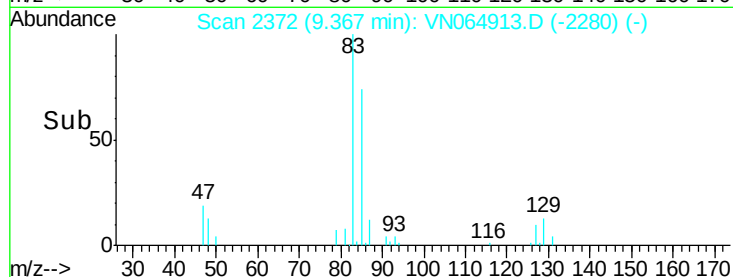
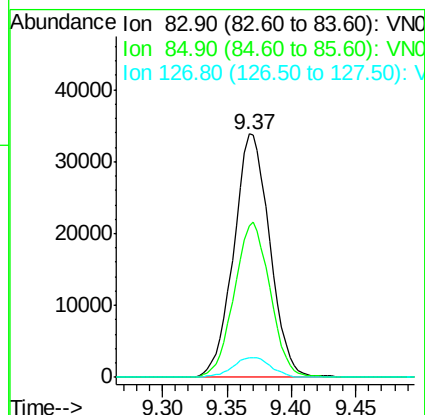
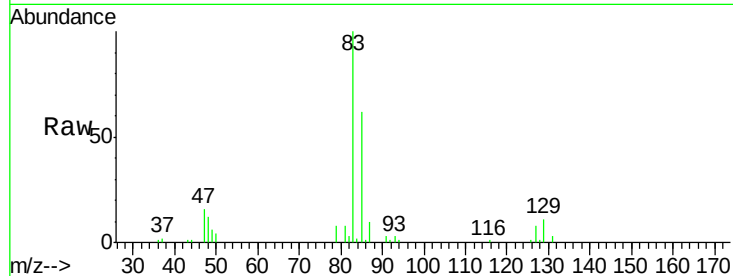




#47
Bromodichloromethane
Concen: 18.928 ug/l
RT: 9.37 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

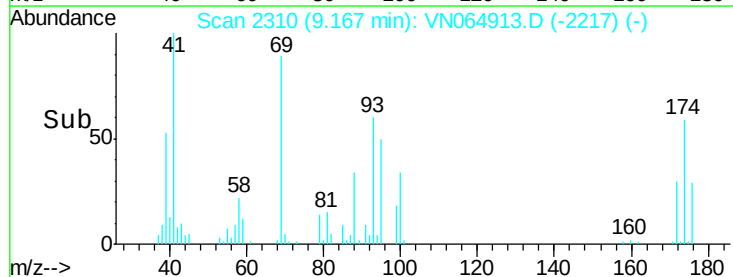
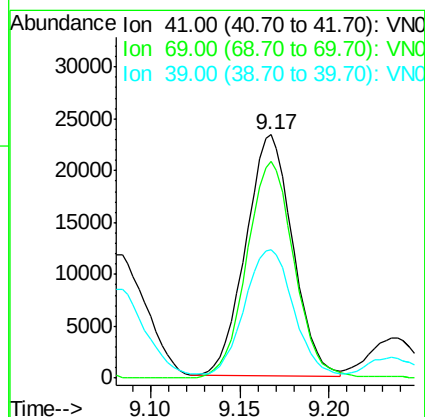
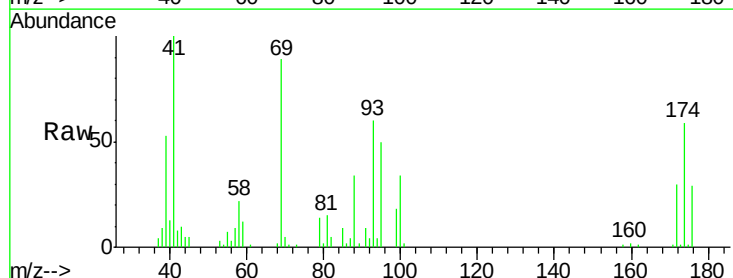
Instrument :
MSVOA_N
ClientSampleId :
VN1204MBS01

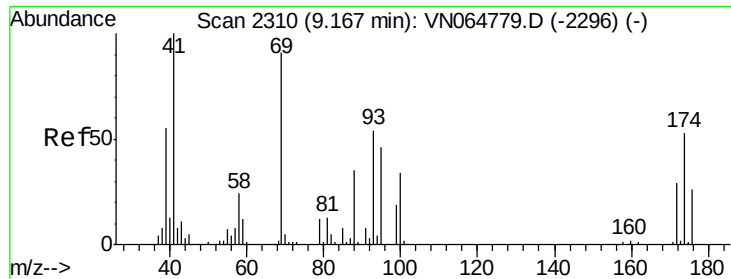
Tot Ion: 83 Resp: 65832
Ion Ratio Lower Upper
83 100
85 62.0 51.8 77.8
127 8.1 6.8 10.2



#48
Methyl methacrylate
Concen: 17.734 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

Tgt Ion: 41 Resp: 42823
Ion Ratio Lower Upper
41 100
69 90.7 71.8 107.8
39 56.9 44.1 66.1

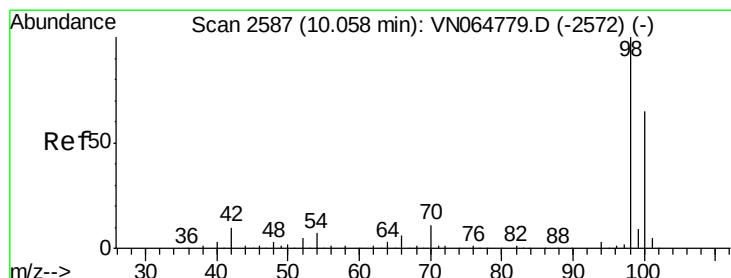
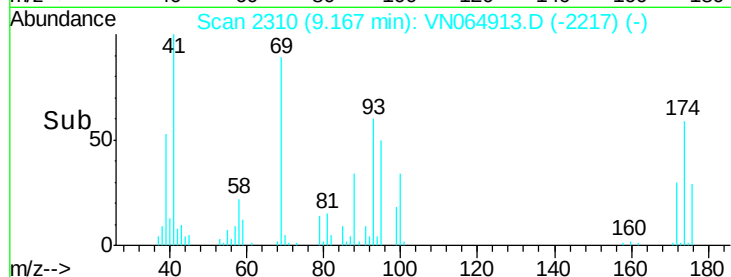
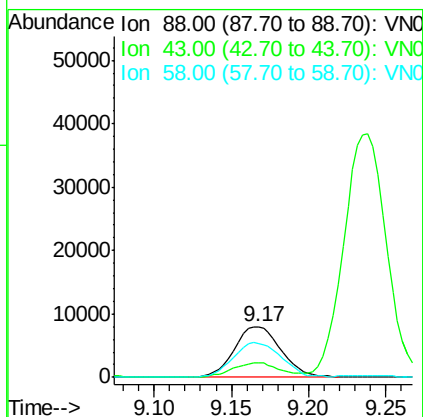
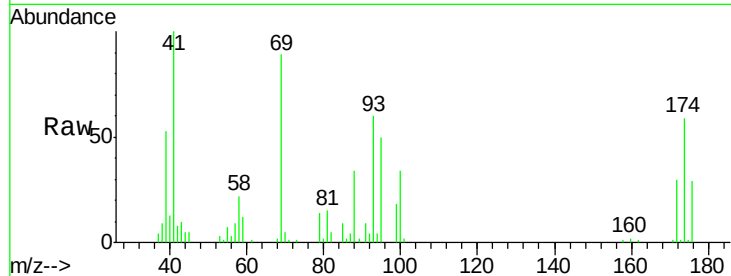




#49
1,4-Dioxane
Concen: 370.399 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

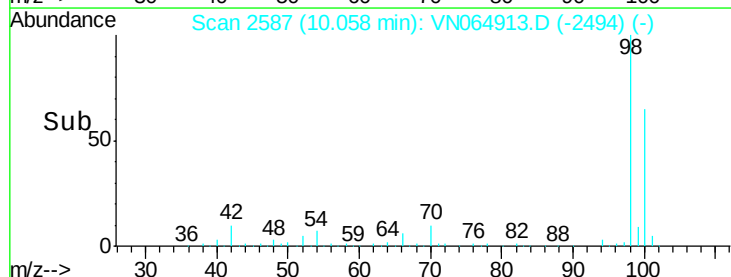
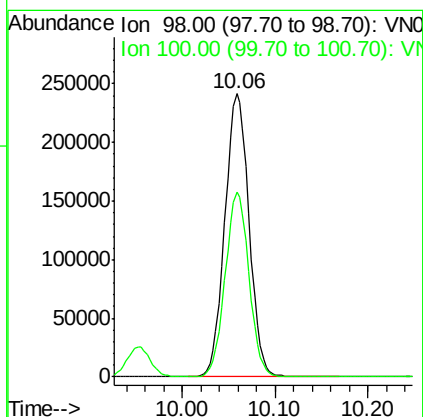
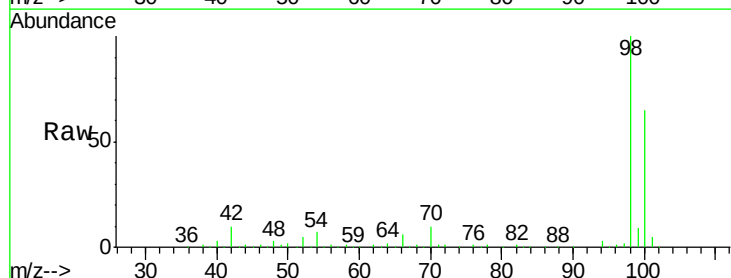
Instrument :
MSVOA_N
ClientSampled :
VN1204MBS01

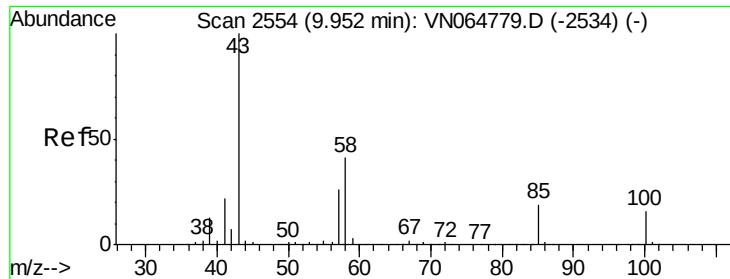
Tot Ion: 88 Resp: 16905
Ion Ratio Lower Upper
88 100
43 29.1 24.2 36.4
58 70.5 52.5 78.7



#50
Toluene-d8
Concen: 50.839 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

Tgt Ion: 98 Resp: 437210
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 91.302 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

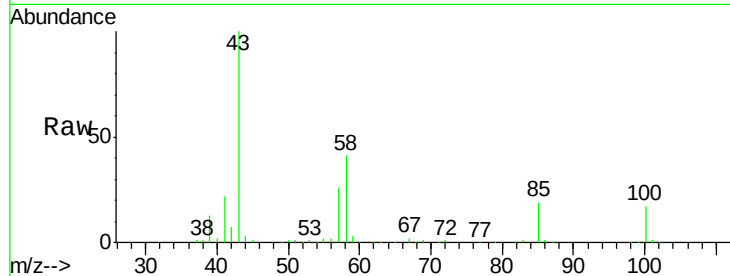
VN1204MBS01

Tot Ion: 43 Resp: 277001

Ion Ratio Lower Upper

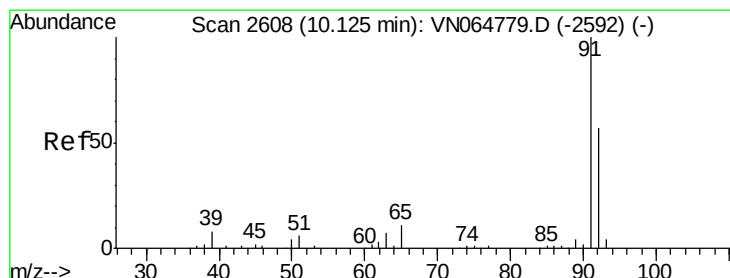
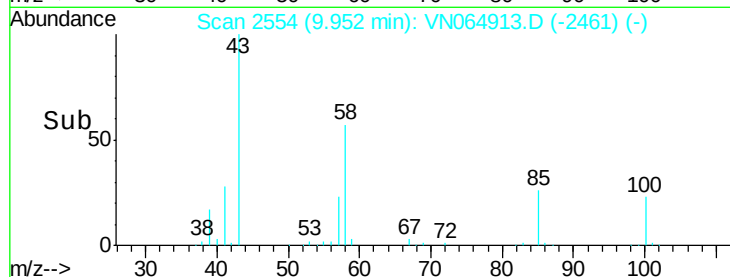
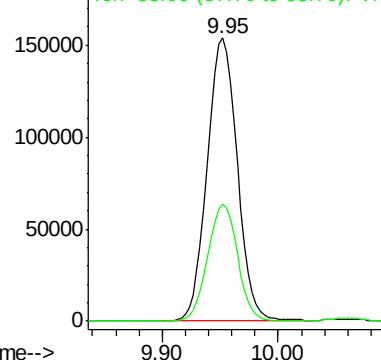
43 100

58 41.1 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.931 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064913.D

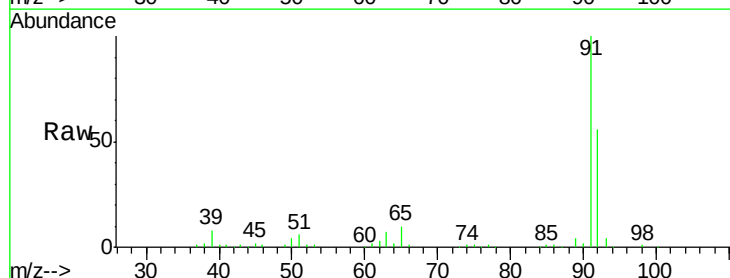
Acq: 4 Dec 2020 12:52

Tgt Ion: 92 Resp: 116475

Ion Ratio Lower Upper

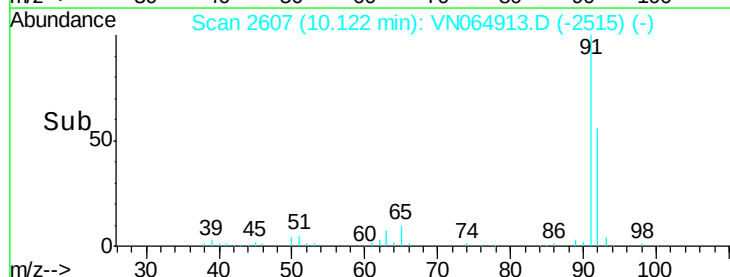
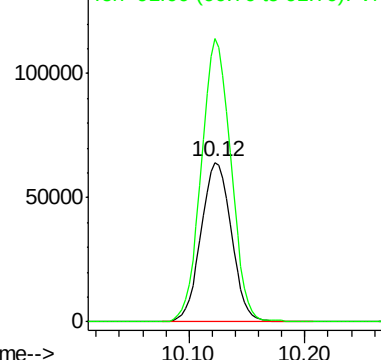
92 100

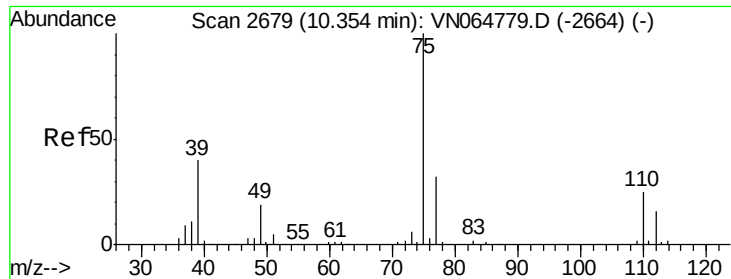
91 172.7 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.183 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

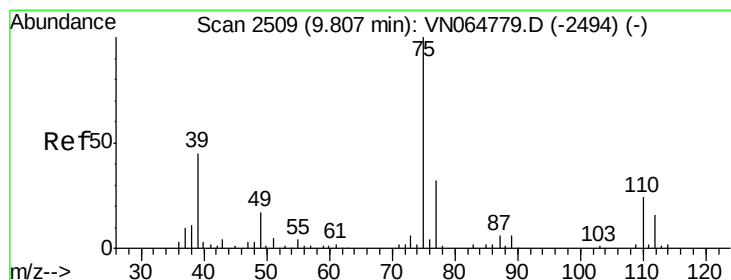
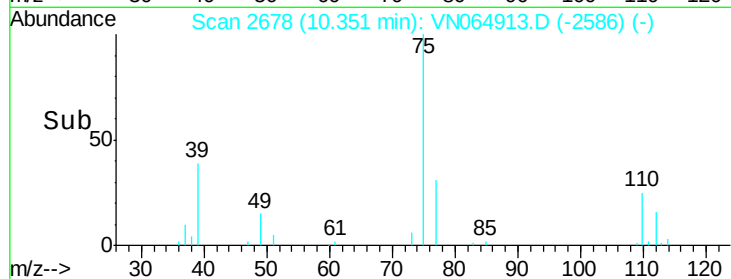
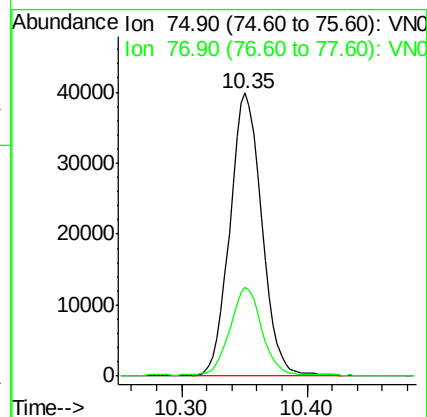
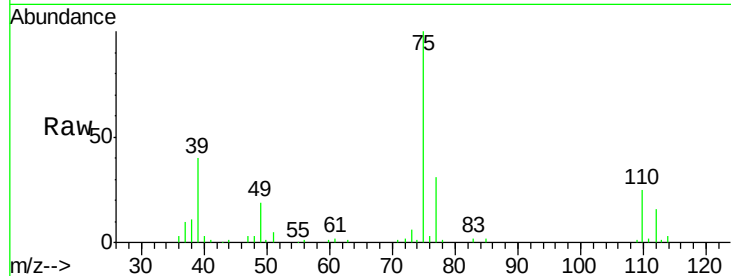
VN1204MBS01

Tot Ion: 75 Resp: 70435

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 18.592 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

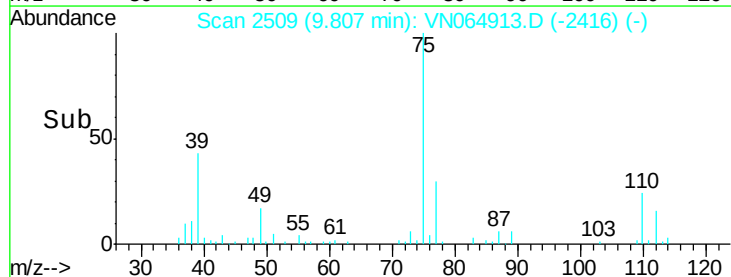
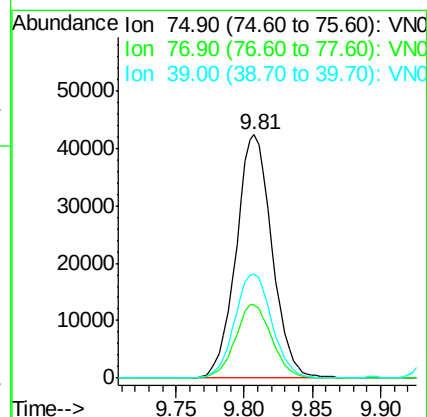
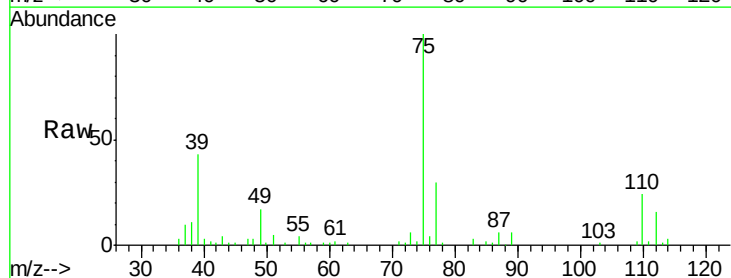
Tgt Ion: 75 Resp: 77196

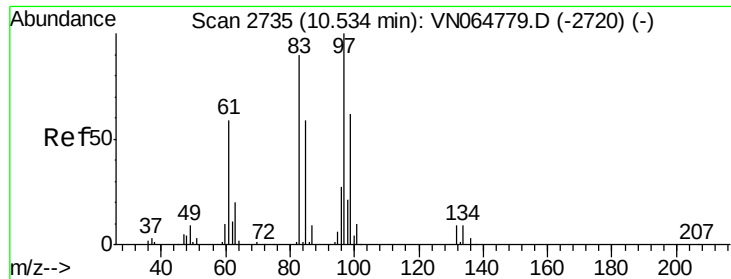
Ion Ratio Lower Upper

75 100

77 30.4 25.5 38.3

39 42.9 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 19.039 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampled :

VN1204MBS01

Tot Ion: 97 Resp: 48171

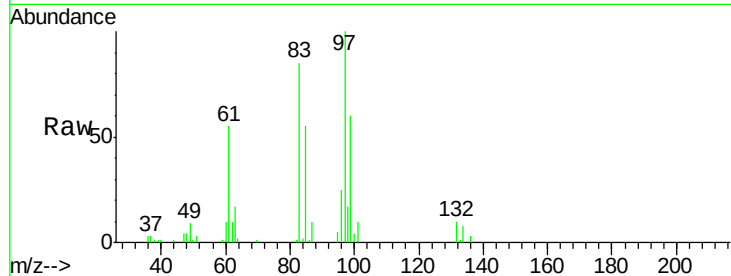
Ion Ratio Lower Upper

97 100

83 85.0 72.1 108.1

85 55.4 46.8 70.2

99 60.2 49.6 74.4



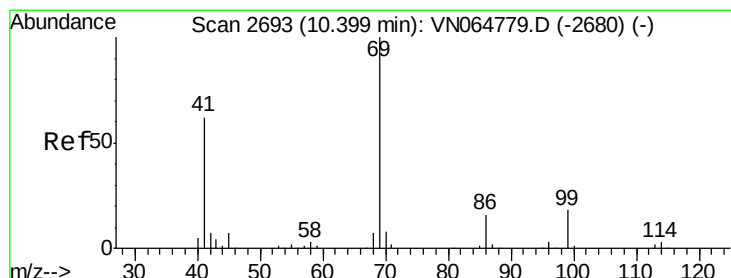
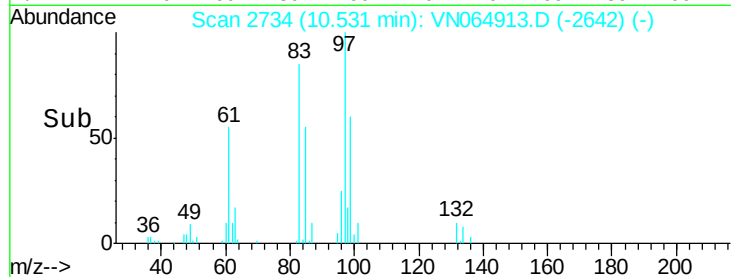
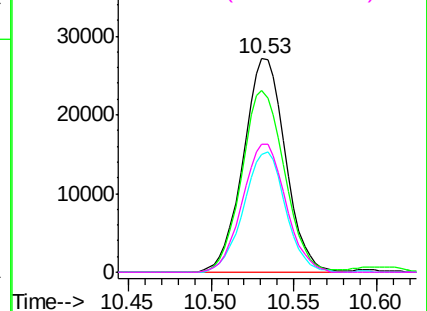
Abundance

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: 18.306 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

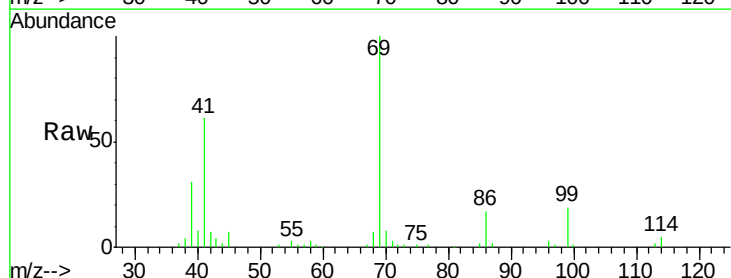
Tgt Ion: 69 Resp: 63915

Ion Ratio Lower Upper

69 100

41 62.6 49.4 74.0

39 31.6 25.9 38.9

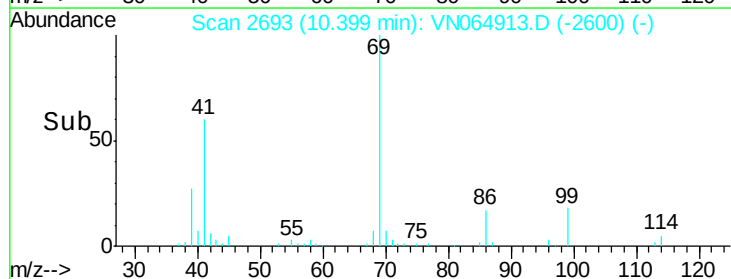
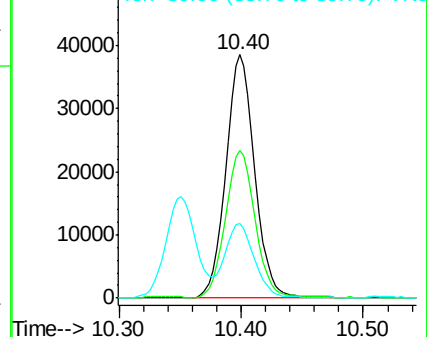


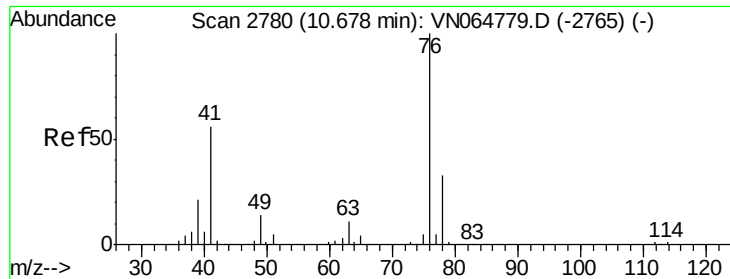
Abundance

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

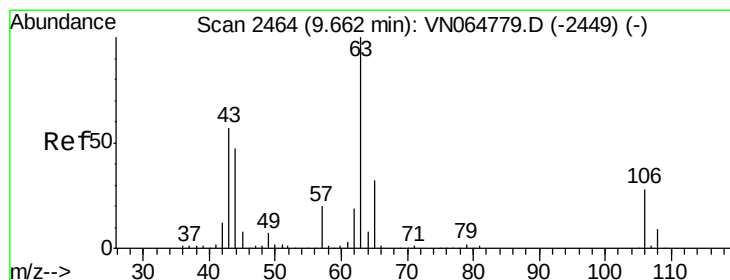
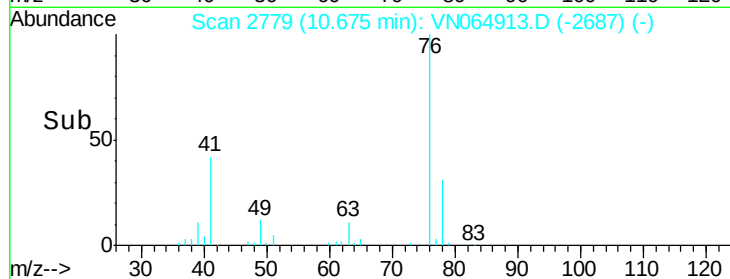
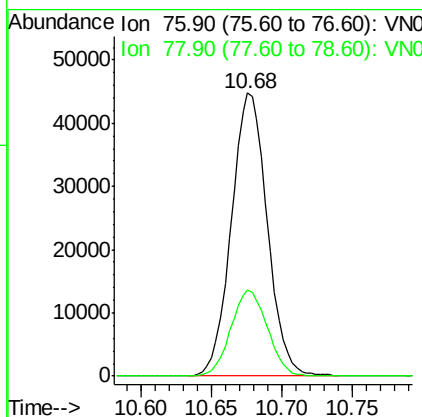
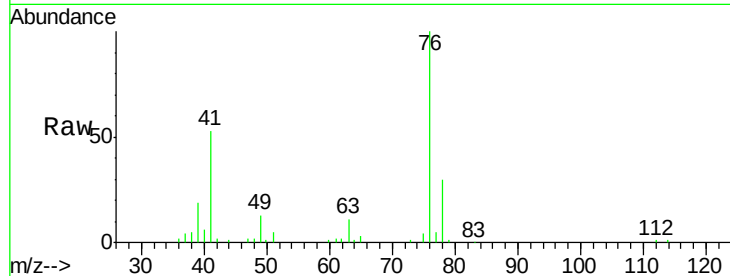




#57
 1,3-Dichloropropane
 Concen: 19.117 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064913.D
 Acq: 4 Dec 2020 12:52

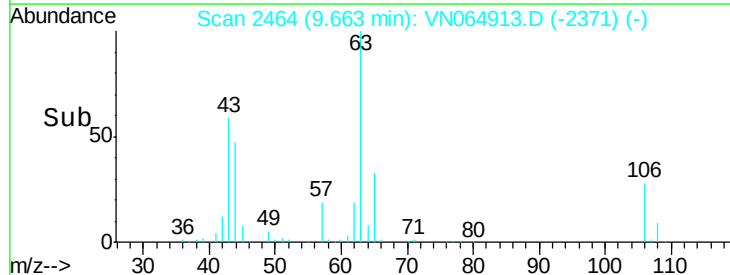
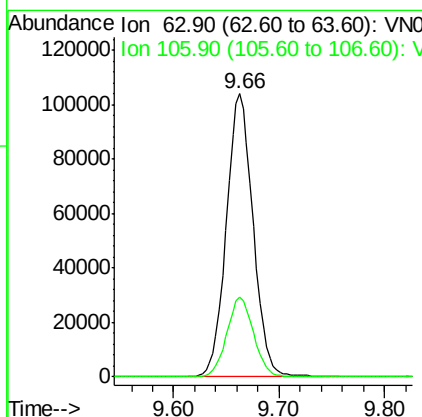
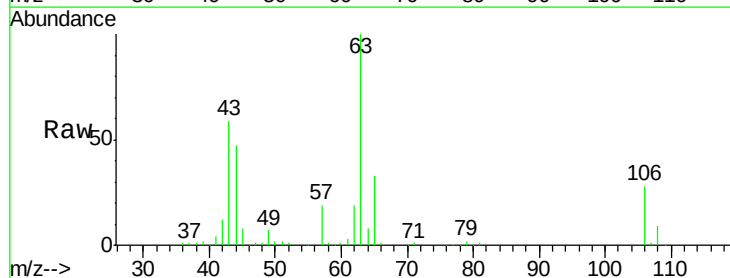
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204MBS01

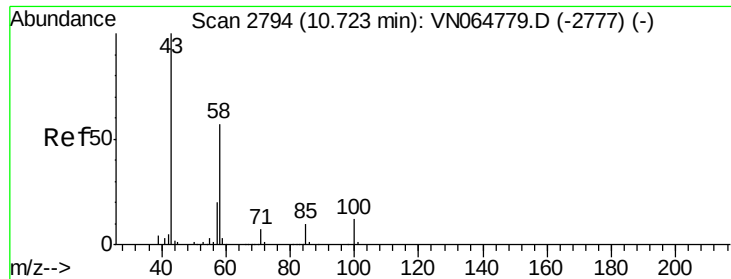
Tot Ion: 76 Resp: 79786
 Ion Ratio Lower Upper
 76 100
 78 30.9 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.664 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064913.D
 Acq: 4 Dec 2020 12:52

Tgt Ion: 63 Resp: 181804
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.7 34.1

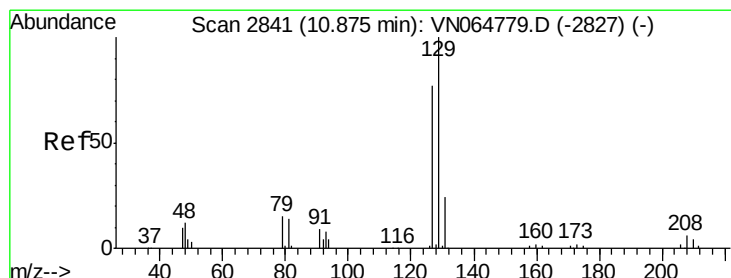
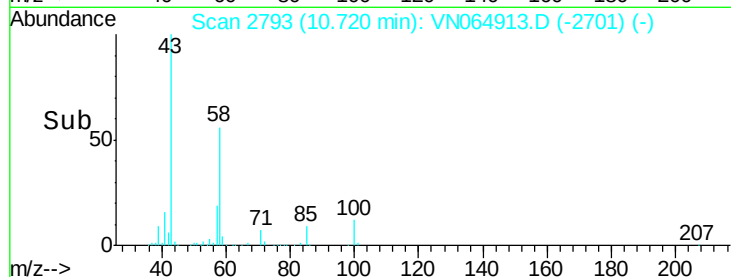
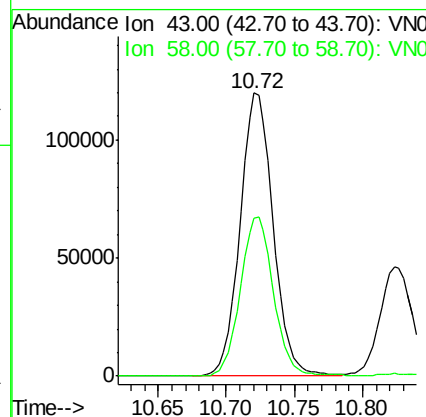
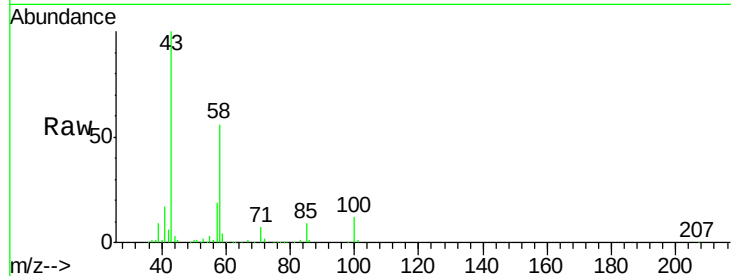




#59
2-Hexanone
Concen: 92.429 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

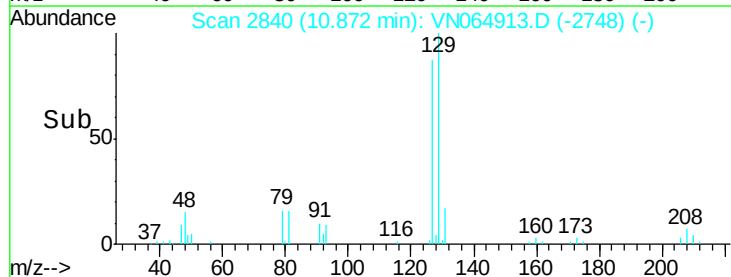
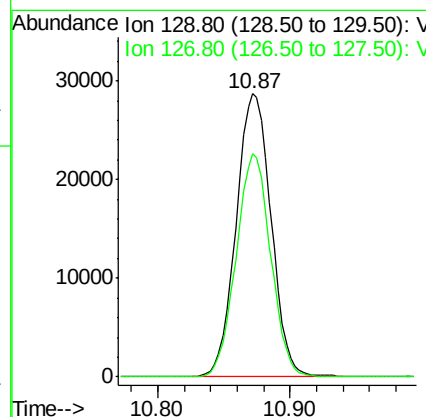
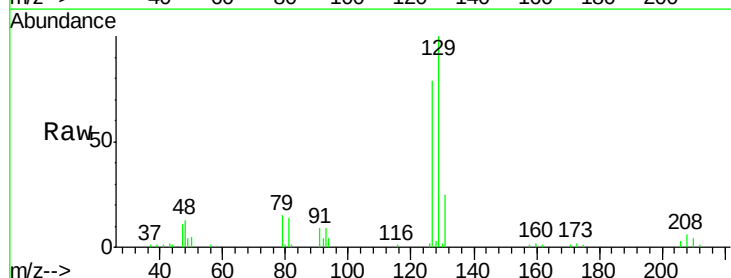
Instrument :
MSVOA_N
ClientSampled :
VN1204MBS01

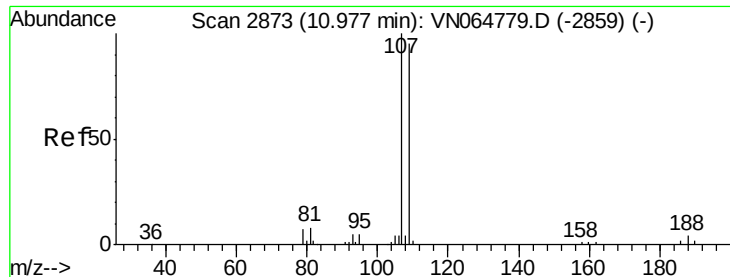
Tot Ion: 43 Resp: 201814
Ion Ratio Lower Upper
43 100
58 56.4 28.3 84.9



#60
Dibromochloromethane
Concen: 18.670 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

Tgt Ion: 129 Resp: 52508
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.823 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

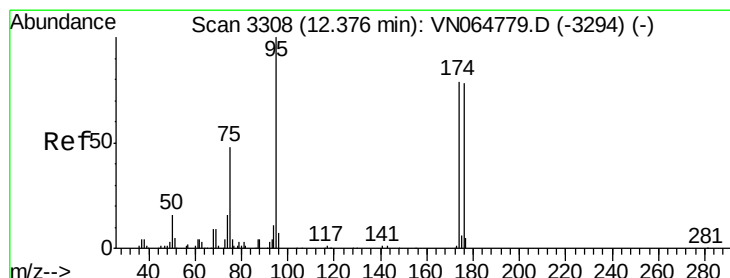
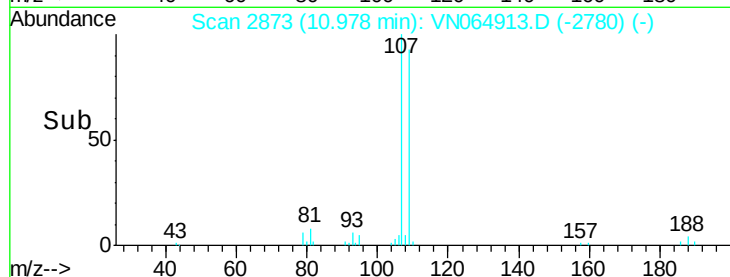
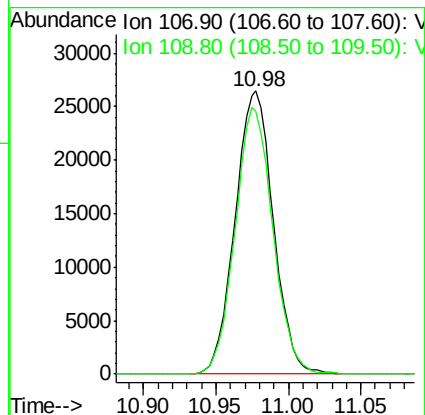
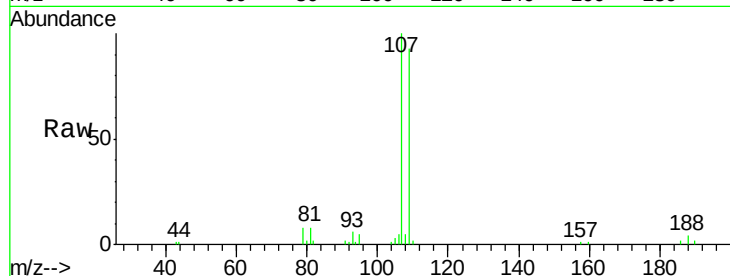
VN1204MBS01

Tot Ion: 107 Resp: 48385

Ion Ratio Lower Upper

107 100

109 93.2 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 49.918 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

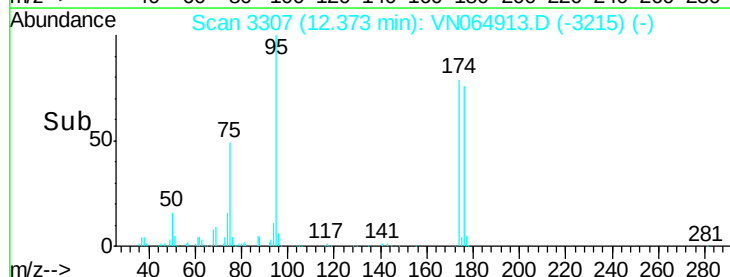
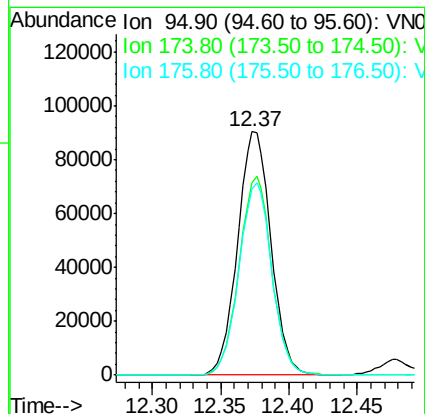
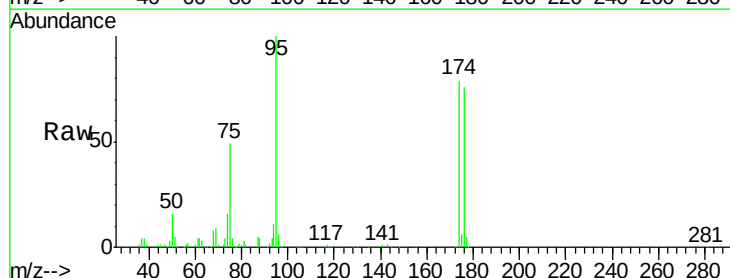
Tgt Ion: 95 Resp: 153633

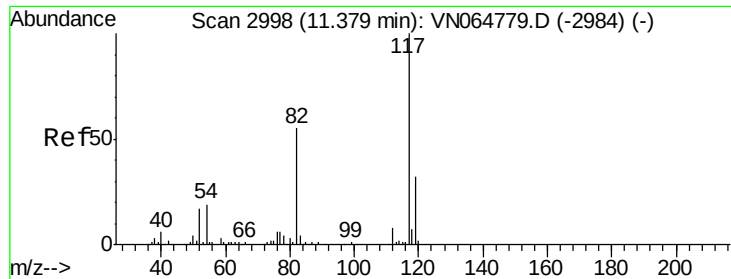
Ion Ratio Lower Upper

95 100

174 79.8 0.0 160.4

176 77.5 0.0 158.4

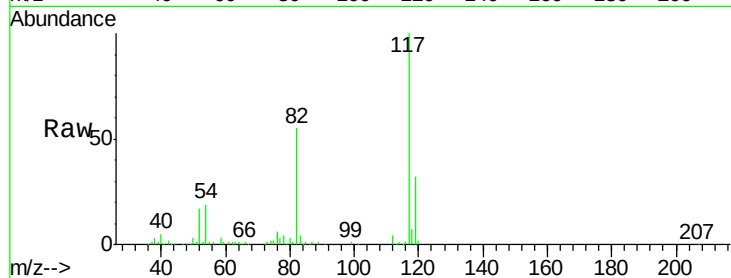




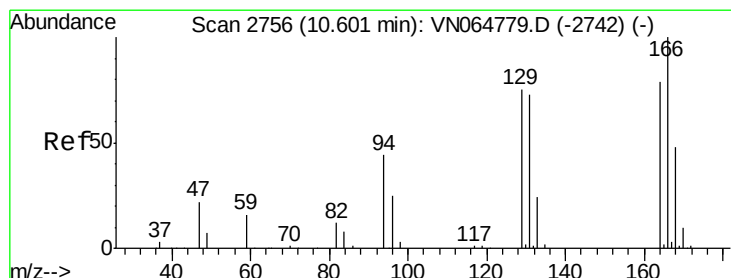
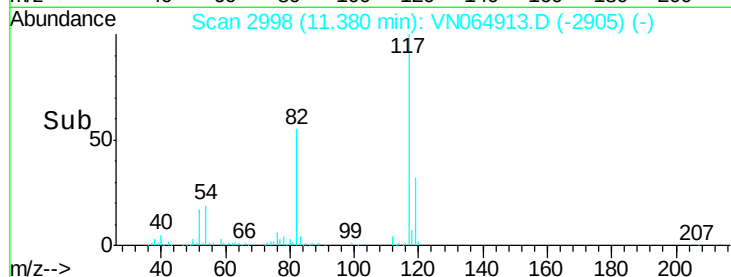
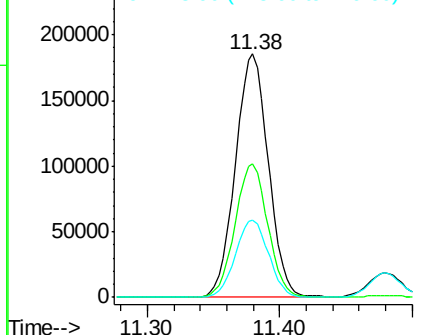
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

Instrument :
MSVOA_N
ClientSampled :
VN1204MBS01

Tot Ion:117 Resp: 320204
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 31.7 25.8 38.6

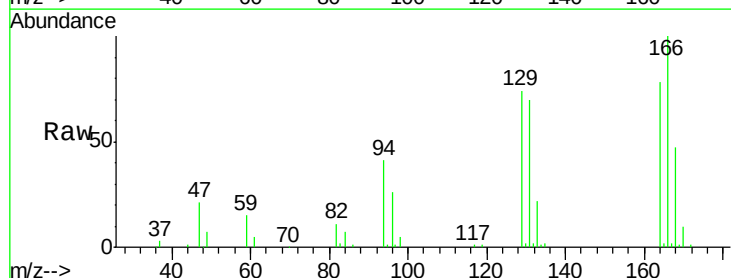


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

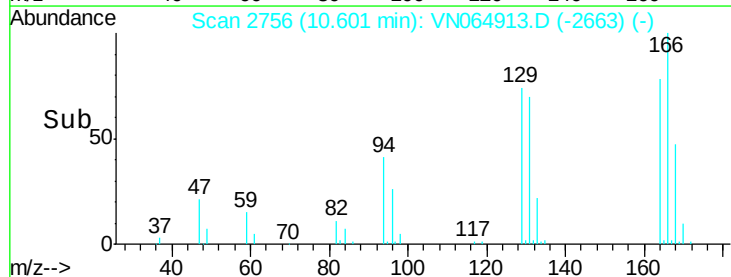
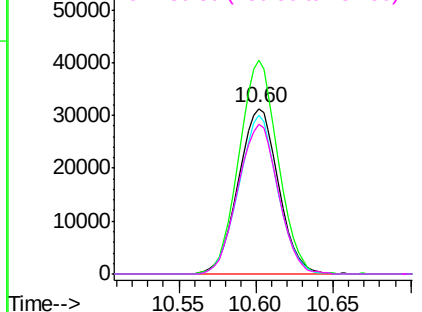


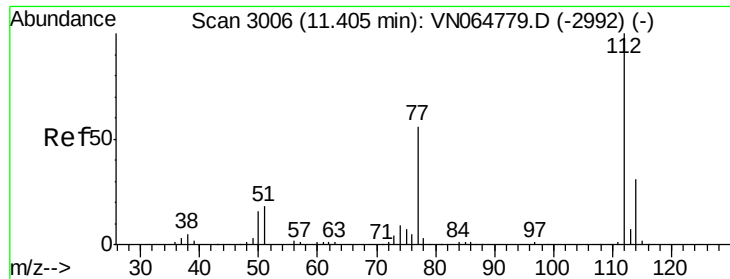
#64
Tetrachloroethene
Concen: 18.078 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

Tgt Ion:164 Resp: 56318
Ion Ratio Lower Upper
164 100
166 128.9 101.4 152.0
129 95.7 76.1 114.1
131 90.0 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: 18.435 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

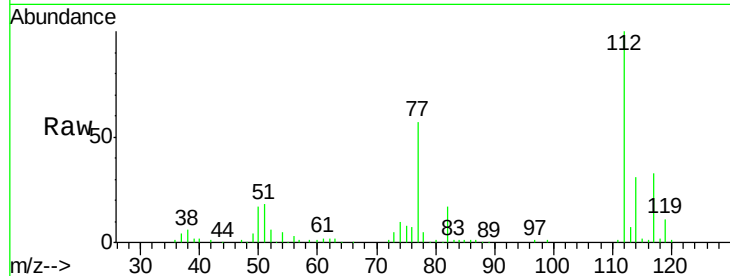
VN1204MBS01

Tot Ion:112 Resp: 126762

Ion Ratio Lower Upper

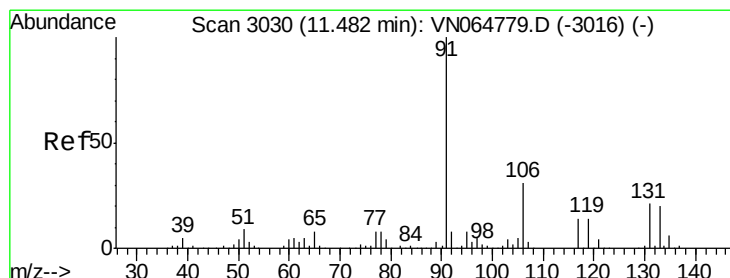
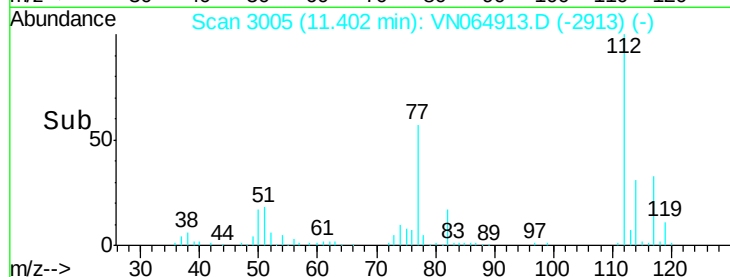
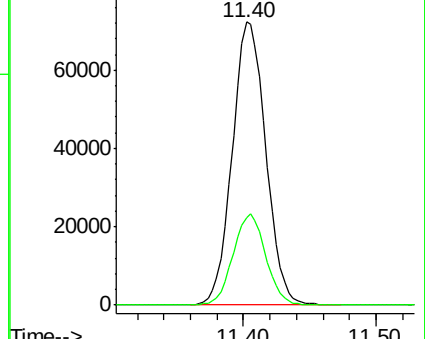
112 100

114 31.1 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: 19.144 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

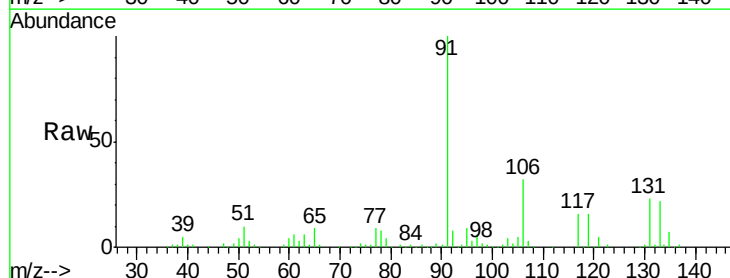
Tgt Ion:131 Resp: 48377

Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.5

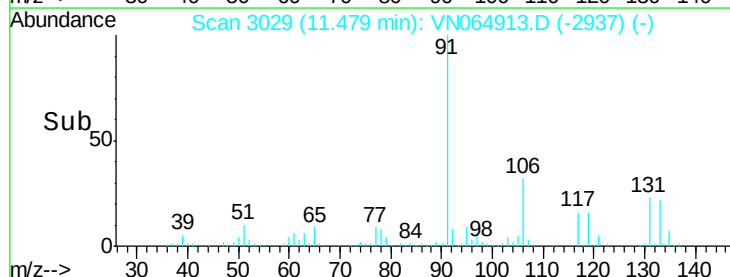
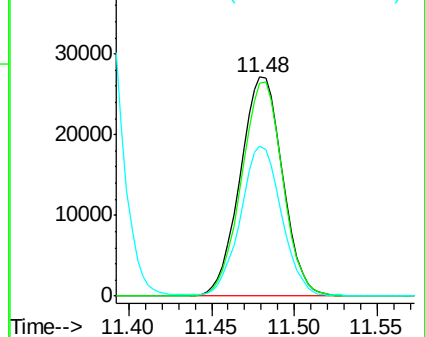
119 66.2 33.3 99.8

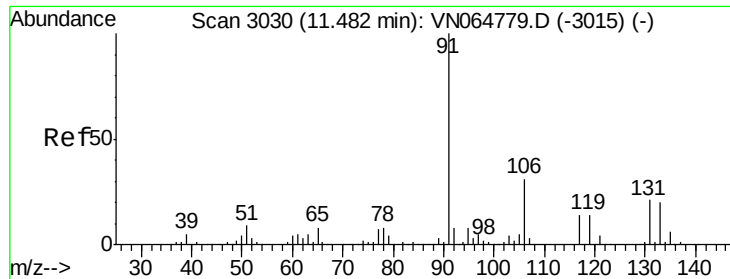


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

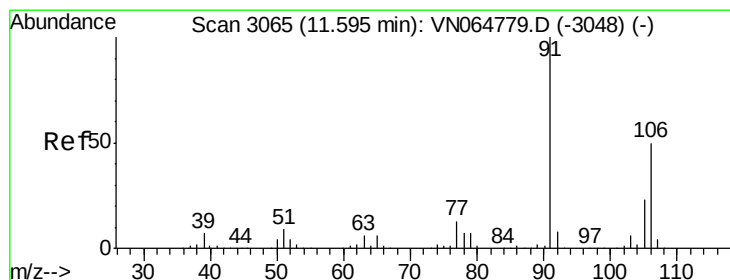
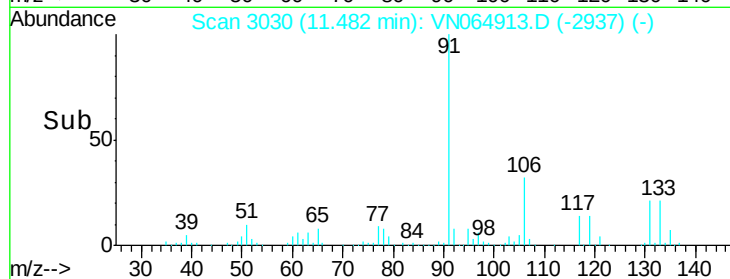
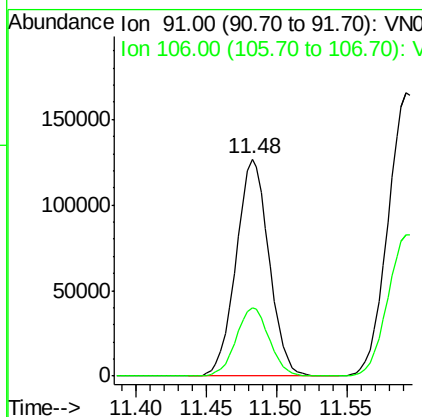
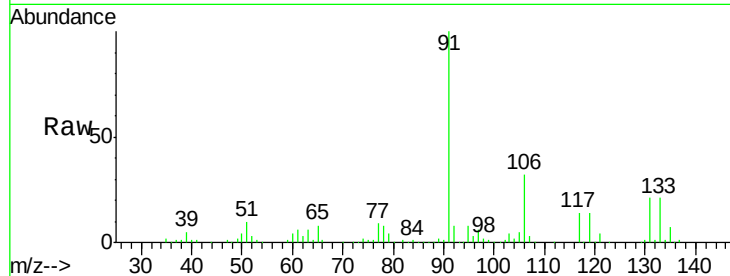




#67
Ethyl Benzene
Concen: 18.093 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

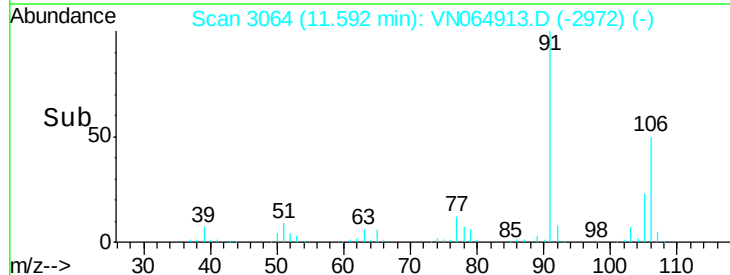
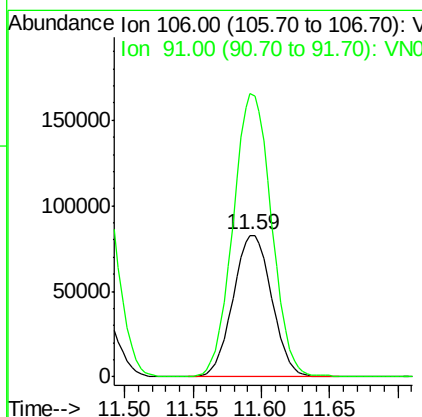
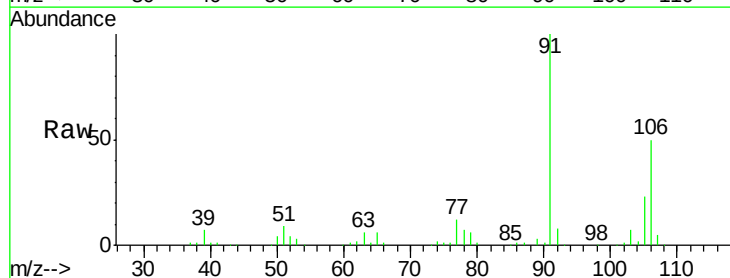
Instrument :
MSVOA_N
ClientSampled :
VN1204MBS01

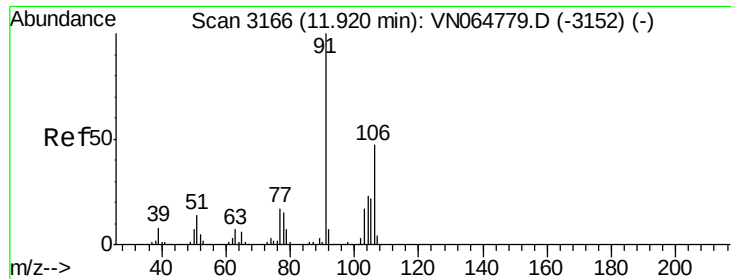
Tot Ion: 91 Resp: 207838
Ion Ratio Lower Upper
91 100
106 31.6 25.2 37.8



#68
m/p-Xylenes
Concen: 37.466 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

Tgt Ion: 106 Resp: 162945
Ion Ratio Lower Upper
106 100
91 197.5 161.0 241.4

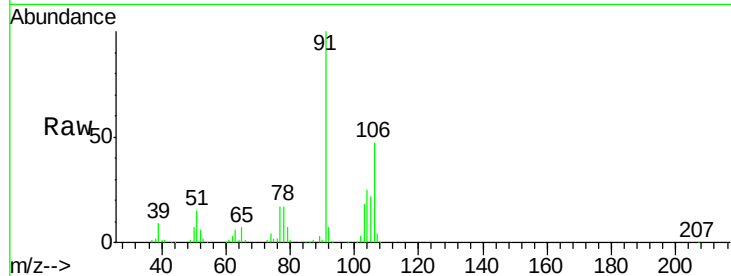




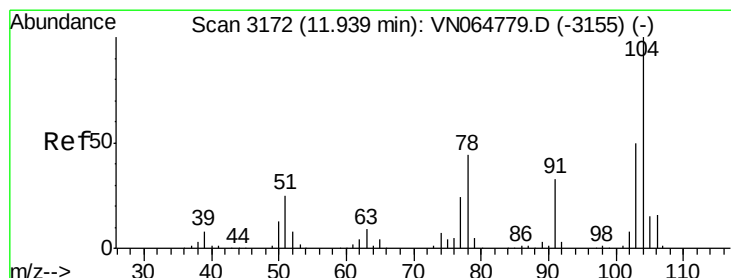
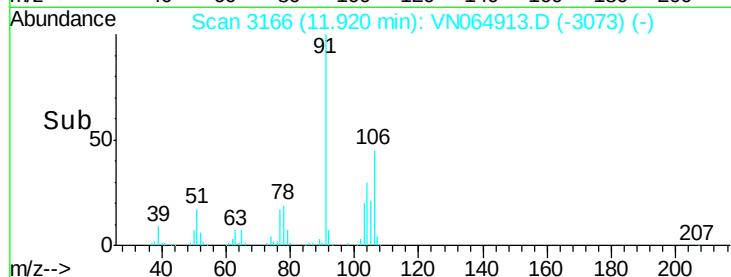
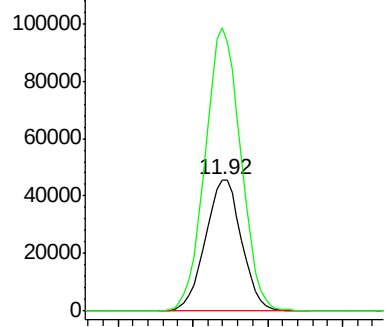
#69
o-Xylene
Concen: 18.650 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

Instrument :
MSVOA_N
ClientSampled :
VN1204MBS01

Tot Ion:106 Resp: 76970
Ion Ratio Lower Upper
106 100
91 212.8 105.5 316.5

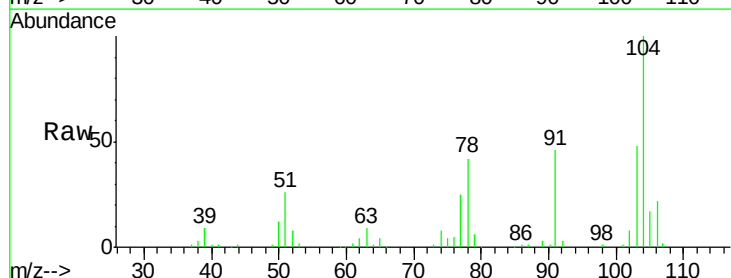


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

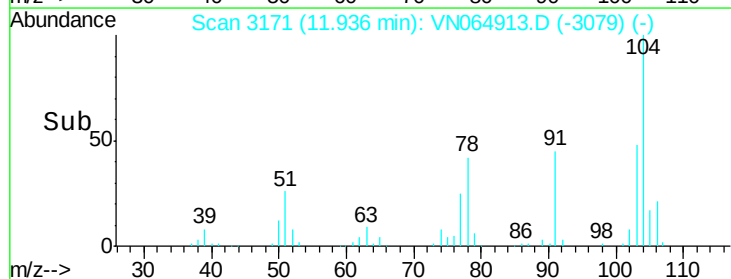
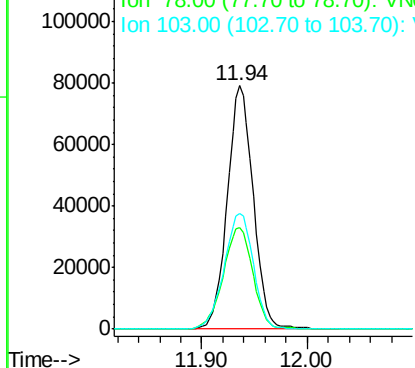


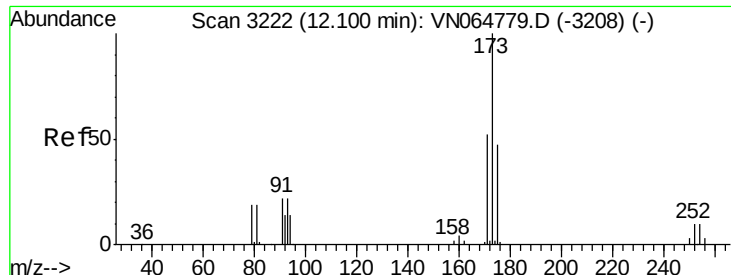
#70
Styrene
Concen: 19.291 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

Tgt Ion:104 Resp: 134408
Ion Ratio Lower Upper
104 100
78 47.7 39.0 58.6
103 53.6 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

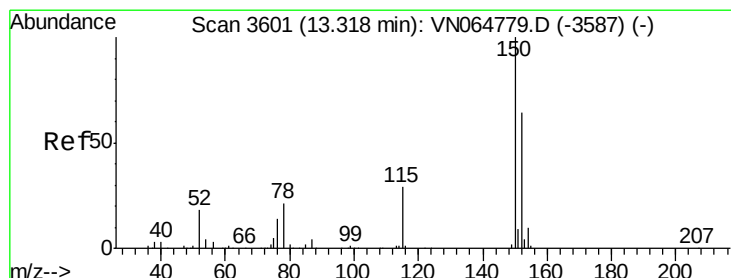
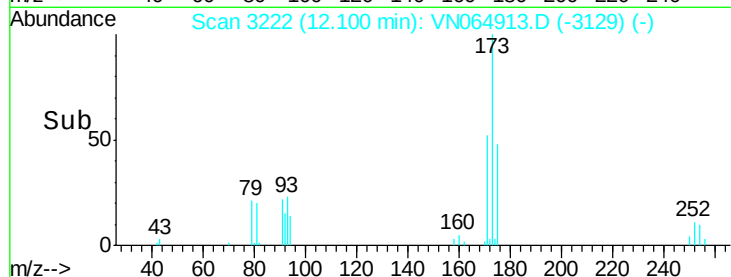
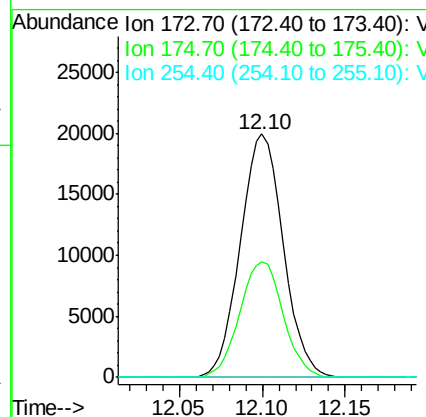
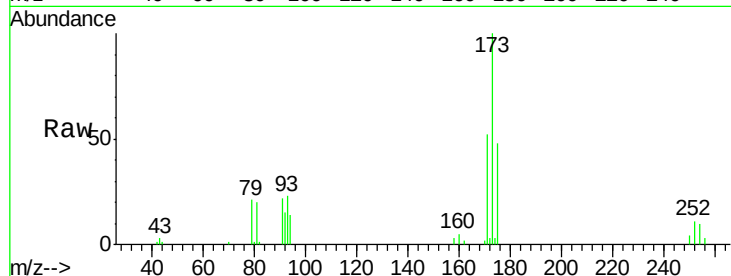




#71
Bromoform
Concen: 17.771 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

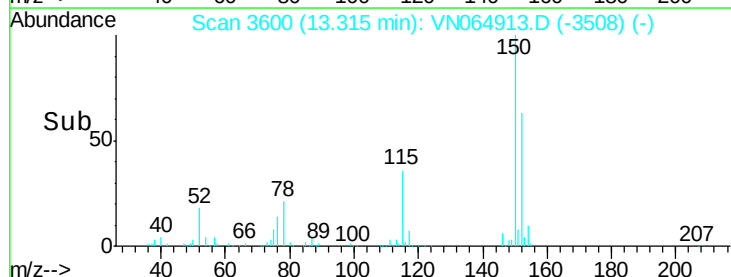
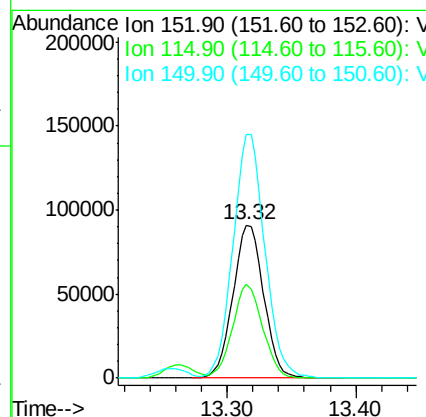
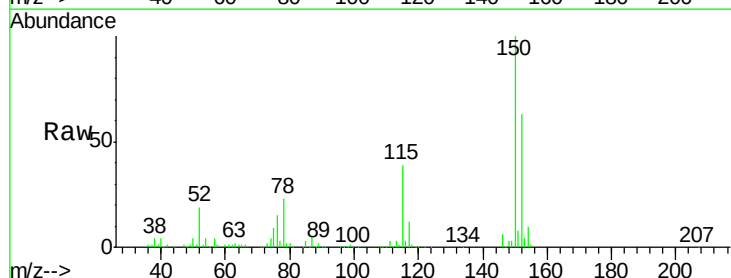
Instrument :
MSVOA_N
ClientSampled :
VN1204MBS01

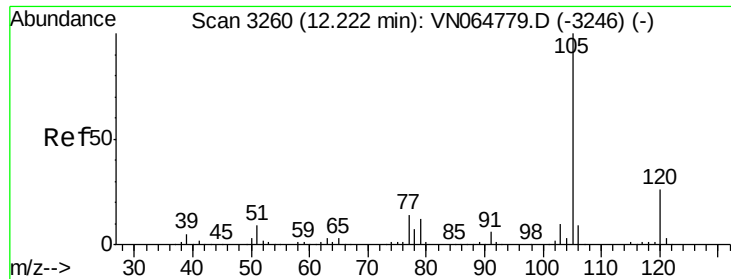
Tot Ion:173 Resp: 35868
Ion Ratio Lower Upper
173 100
175 48.1 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

Tgt Ion:152 Resp: 150935
Ion Ratio Lower Upper
152 100
115 59.5 29.7 89.1
150 164.5 0.0 350.6





#73

Isopropylbenzene

Concen: 19.107 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampled :

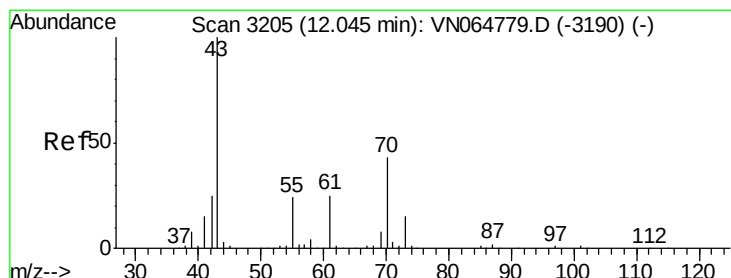
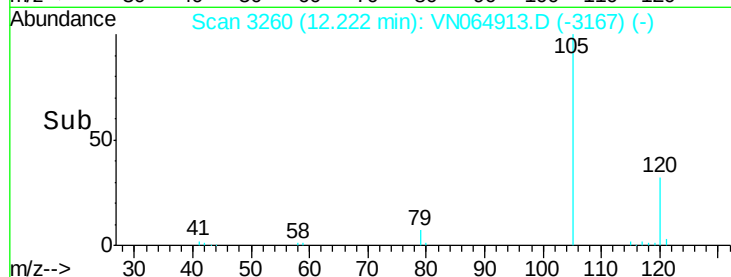
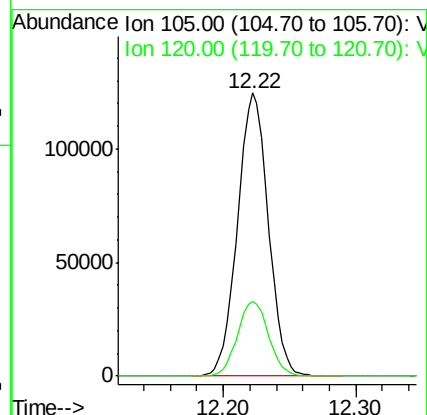
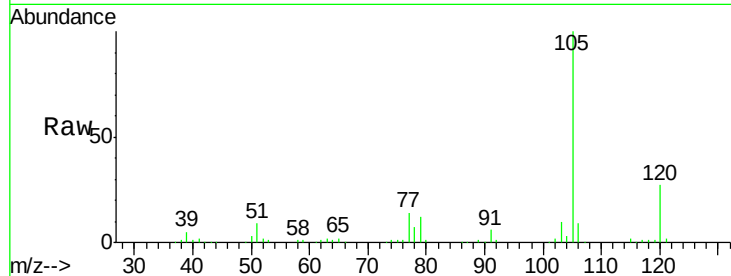
VN1204MBS01

Tot Ion:105 Resp: 200596

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 18.245 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Tgt Ion: 43 Resp: 75381

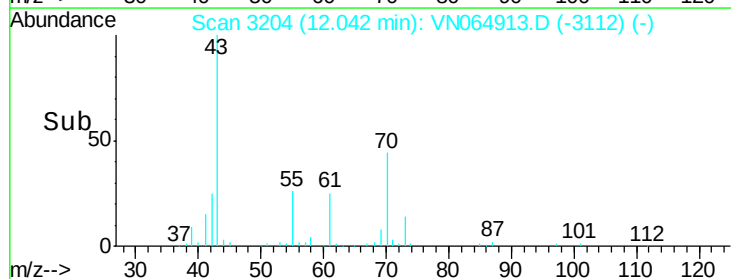
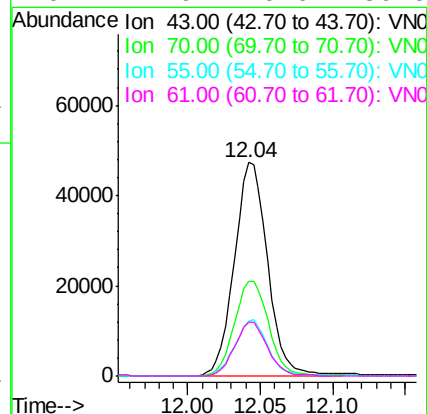
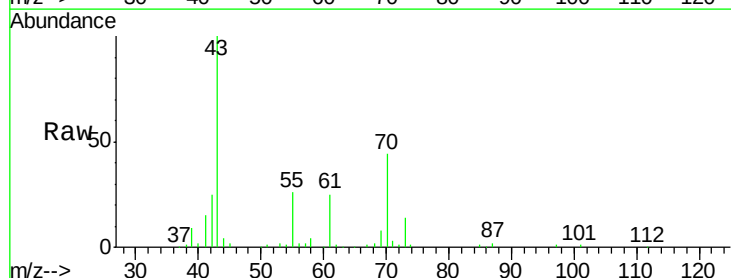
Ion Ratio Lower Upper

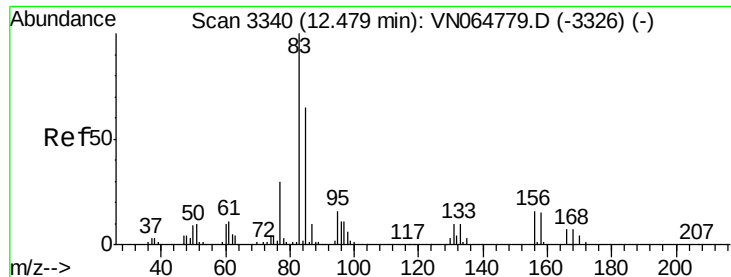
43 100

70 46.0 34.5 51.7

55 25.8 20.4 30.6

61 24.9 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.261 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN1204MBS01

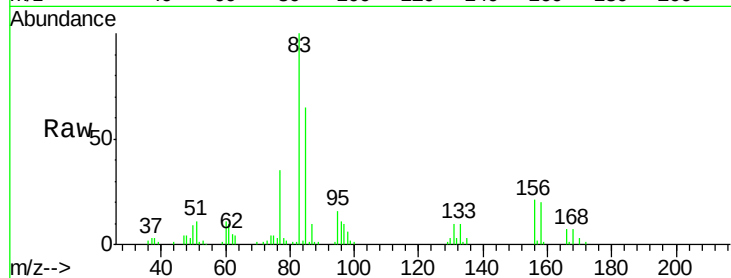
Tot Ion: 83 Resp: 59269

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

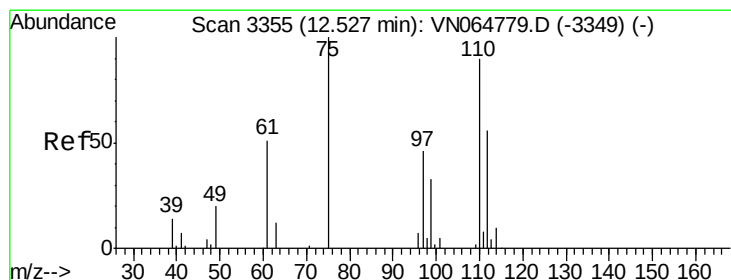
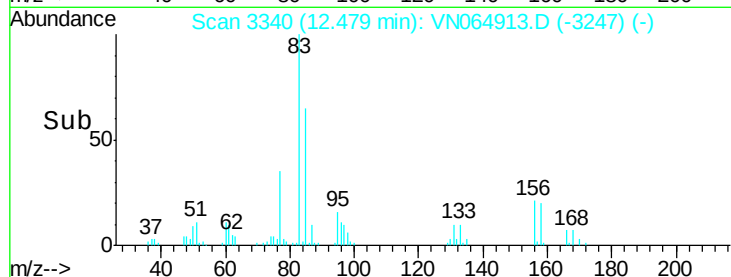
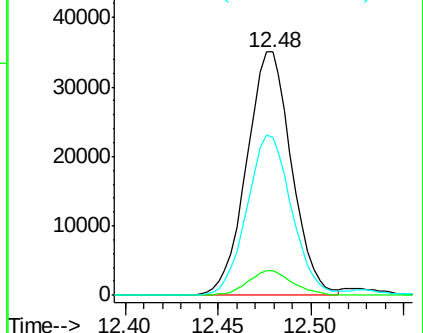
85 65.6 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN064913.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN064913.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN064913.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 26.067 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064913.D

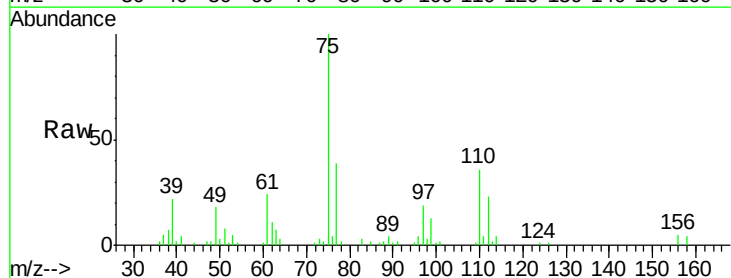
Acq: 4 Dec 2020 12:52

Tgt Ion: 75 Resp: 84730

Ion Ratio Lower Upper

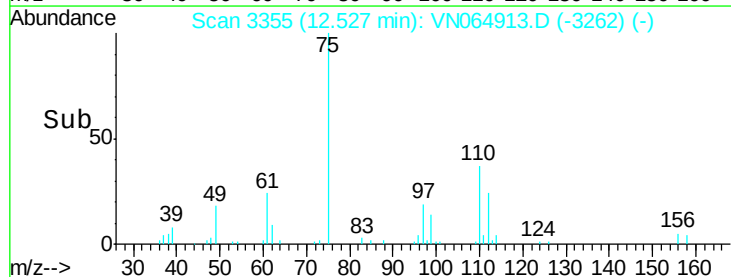
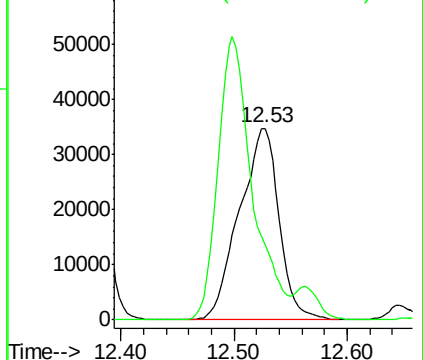
75 100

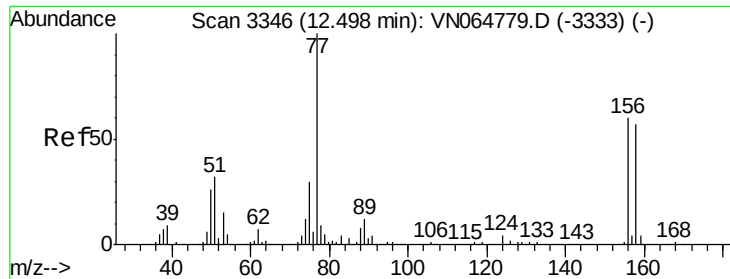
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064913.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064913.D (-3262) (-)





#77

Bromobenzene

Concen: 19.200 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN1204MBS01

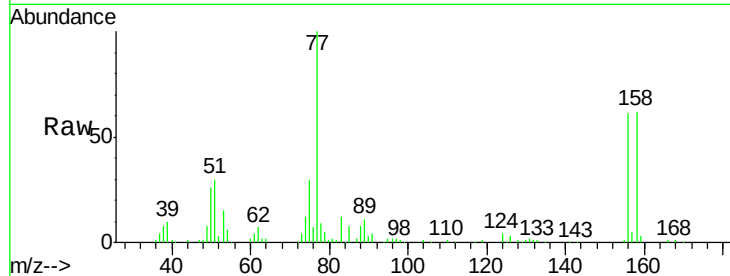
Tot Ion:156 Resp: 54344

Ion Ratio Lower Upper

156 100

77 200.1 101.3 303.7

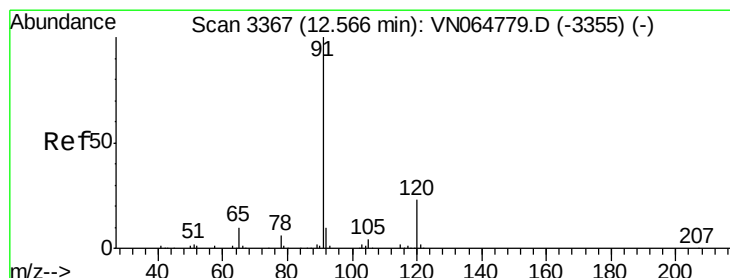
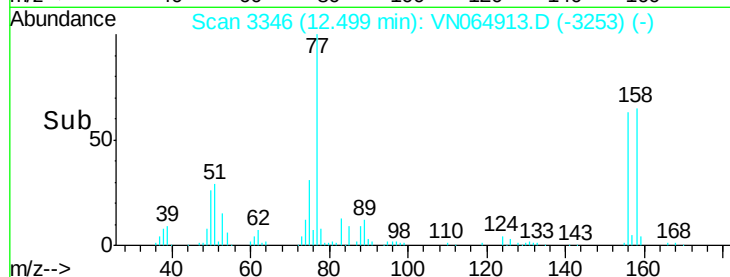
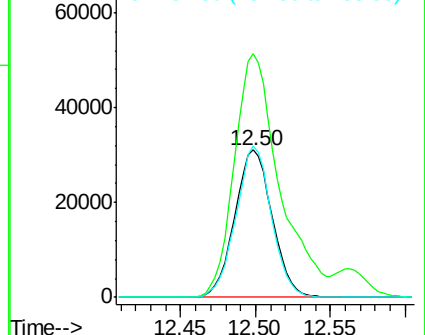
158 97.0 48.2 144.6



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



#78

n-propylbenzene

Concen: 18.742 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064913.D

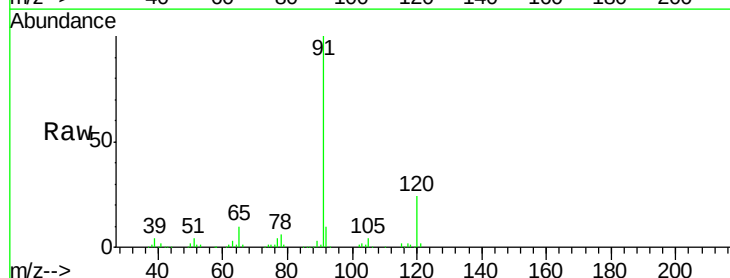
Acq: 4 Dec 2020 12:52

Tgt Ion: 91 Resp: 224160

Ion Ratio Lower Upper

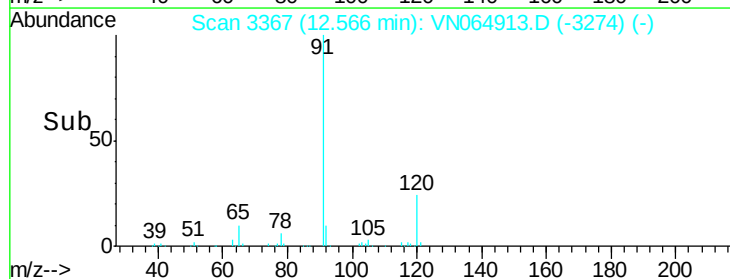
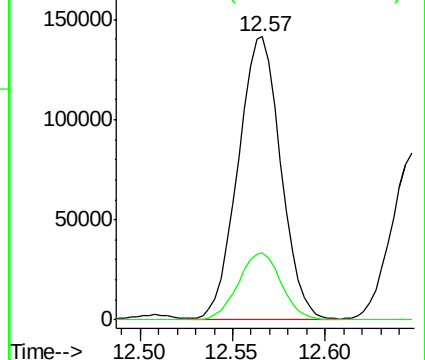
91 100

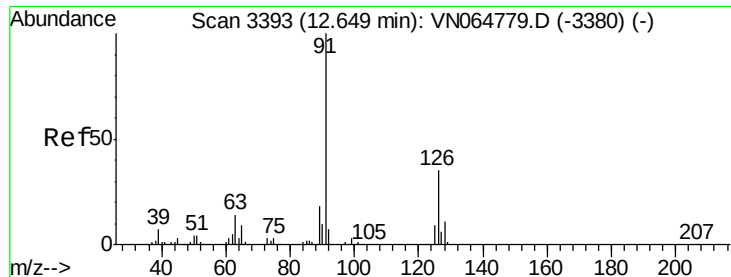
120 24.0 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.748 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampled :

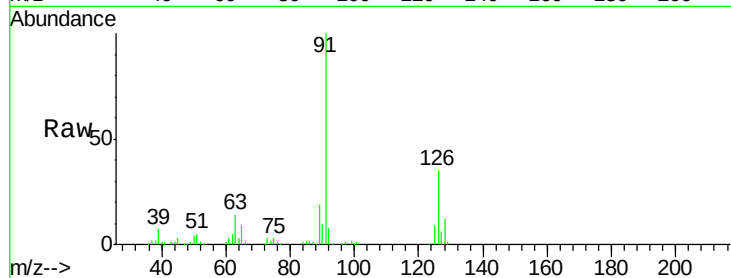
VN1204MBS01

Tot Ion: 91 Resp: 138602

Ion Ratio Lower Upper

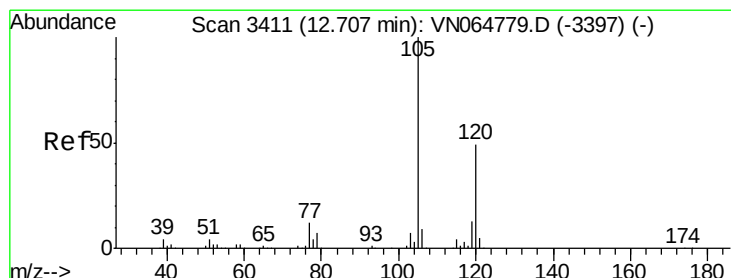
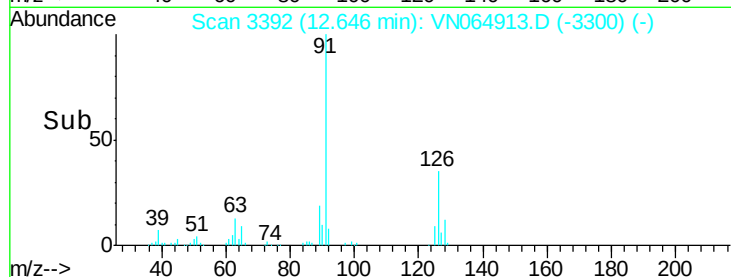
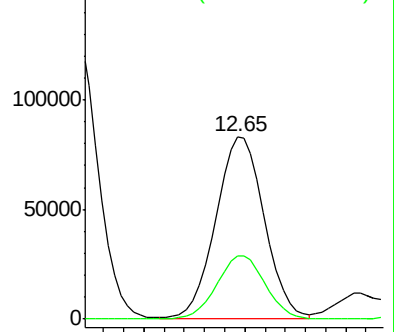
91 100

126 35.0 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN064913.D (-3392) (-)

Ion 125.90 (125.60 to 126.60): VN064913.D (-3392) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.524 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064913.D

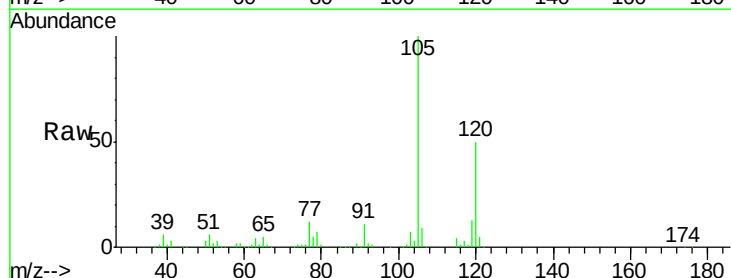
Acq: 4 Dec 2020 12:52

Tgt Ion: 105 Resp: 170377

Ion Ratio Lower Upper

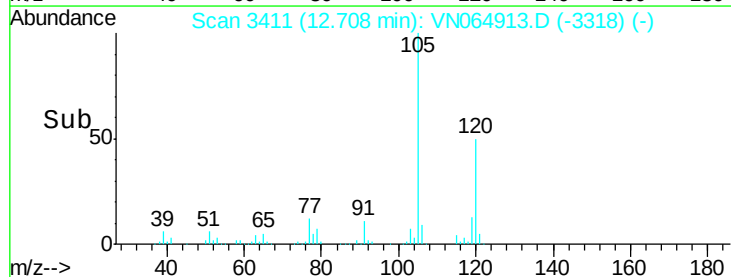
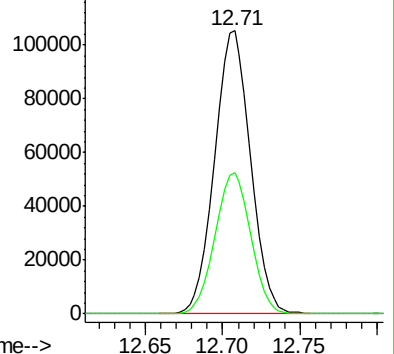
105 100

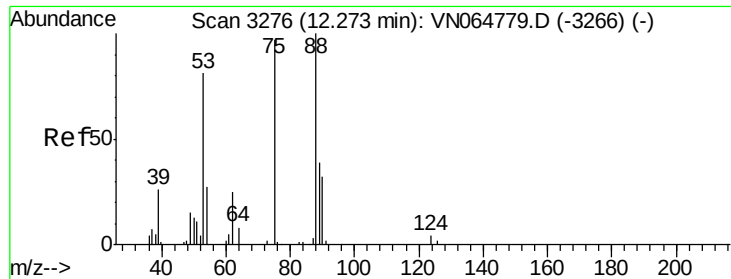
120 49.7 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064913.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN064913.D (-3411) (-)

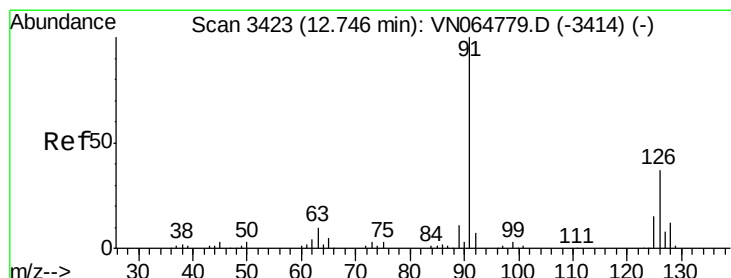
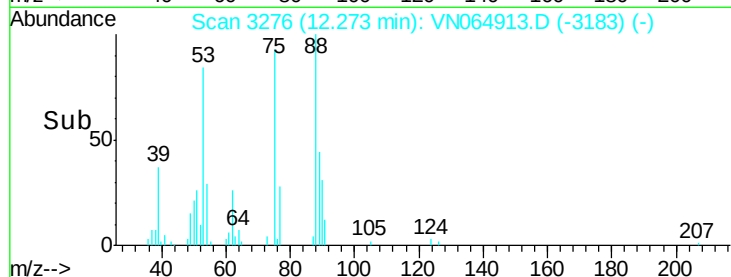
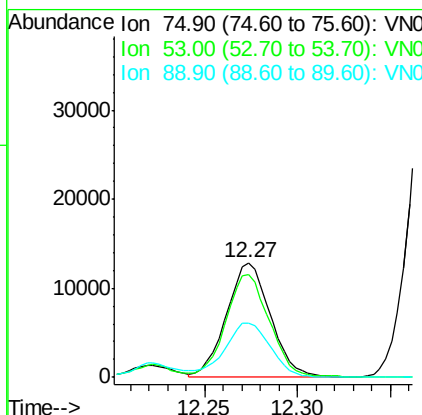
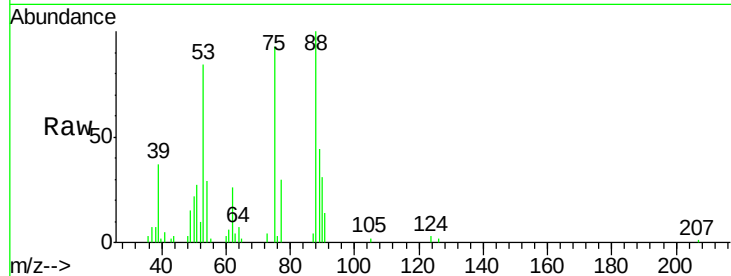




#81
trans-1,4-Dichloro-2-butene
Concen: 17.966 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

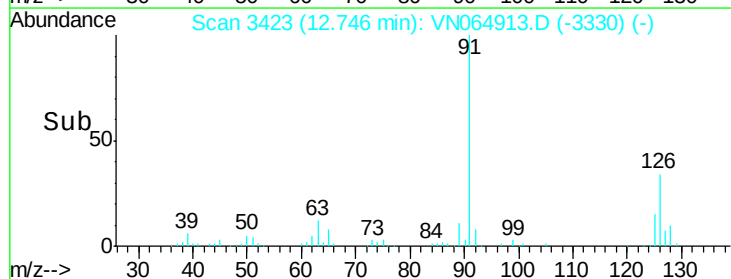
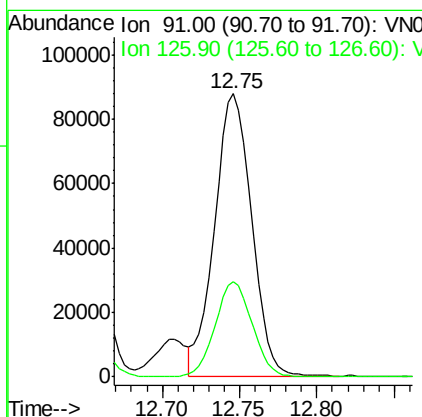
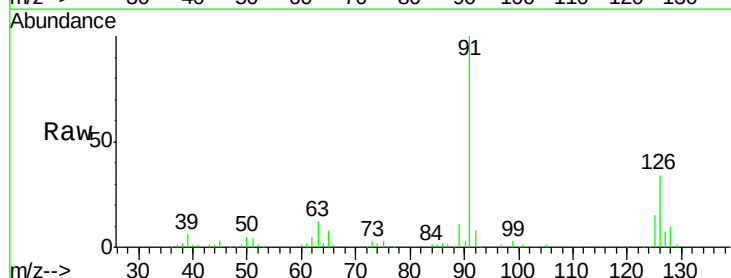
Instrument :
MSVOA_N
ClientSampled :
VN1204MBS01

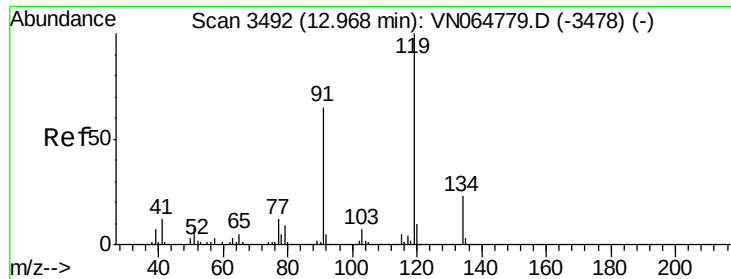
Tot Ion: 75 Resp: 21308
Ion Ratio Lower Upper
75 100
53 85.9 67.0 100.4
89 49.6 39.6 59.4



#82
4-Chlorotoluene
Concen: 18.734 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064913.D
Acq: 4 Dec 2020 12:52

Tgt Ion: 91 Resp: 145172
Ion Ratio Lower Upper
91 100
126 33.9 16.9 50.7

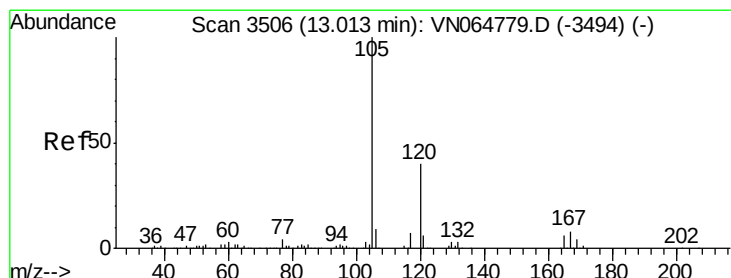
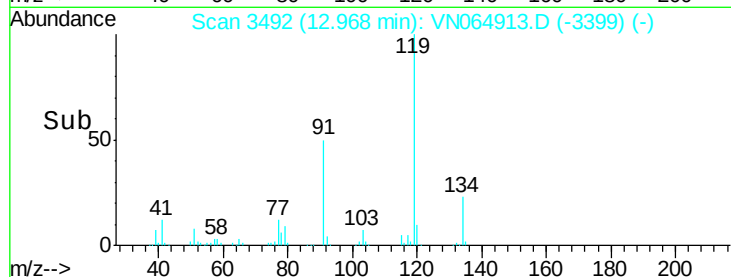
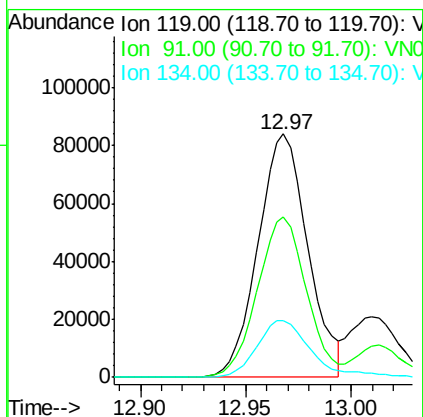
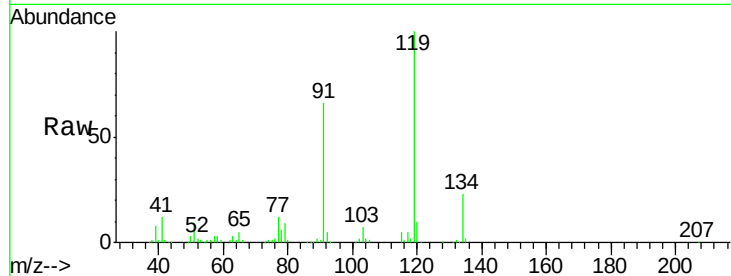




#83
 tert-Butylbenzene
 Concen: 18.877 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064913.D
 Acq: 4 Dec 2020 12:52

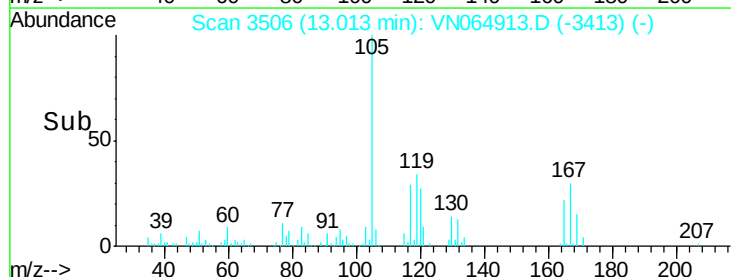
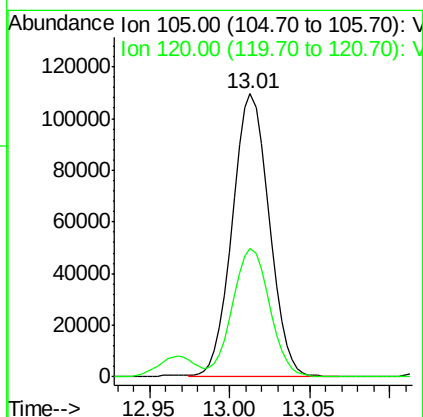
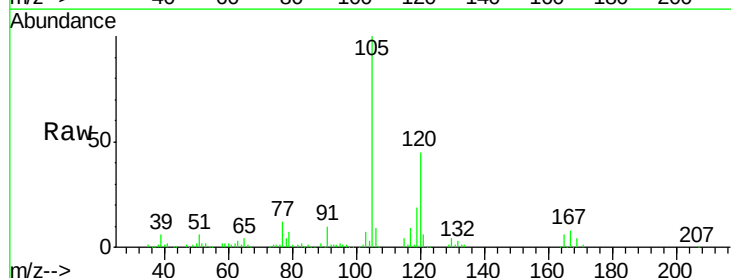
Instrument :
 MSVOA_N
 ClientSampled :
 VN1204MBS01

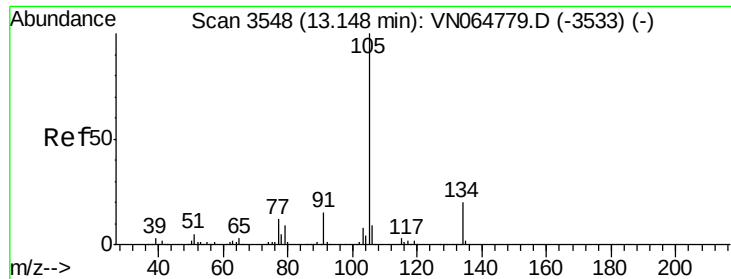
Tot Ion:119 Resp: 138076
 Ion Ratio Lower Upper
 119 100
 91 65.2 32.3 96.8
 134 25.4 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.364 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064913.D
 Acq: 4 Dec 2020 12:52

Tgt Ion:105 Resp: 170851
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.1 69.2





#85

sec-Butylbenzene

Concen: 18.627 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampled :

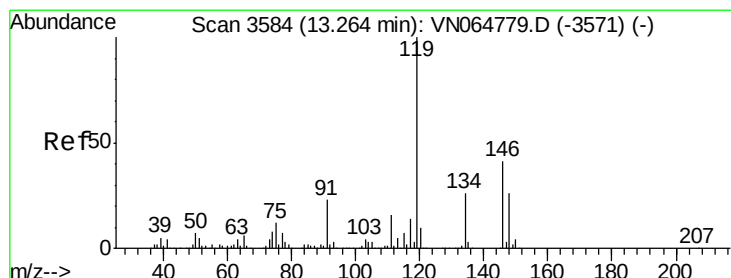
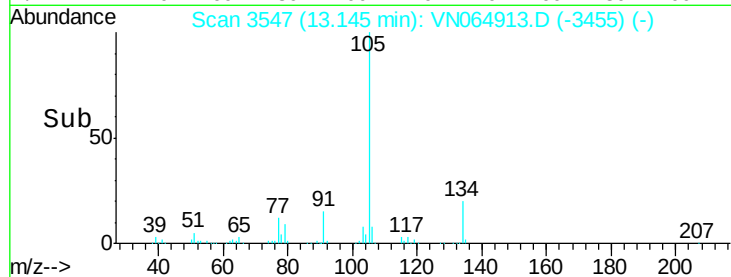
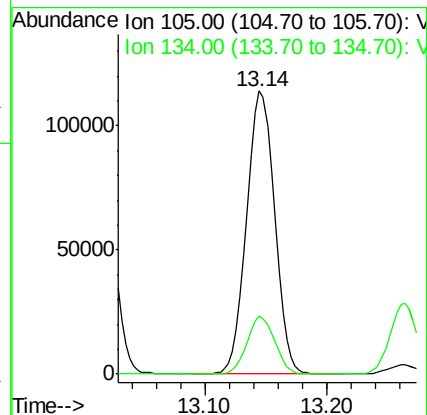
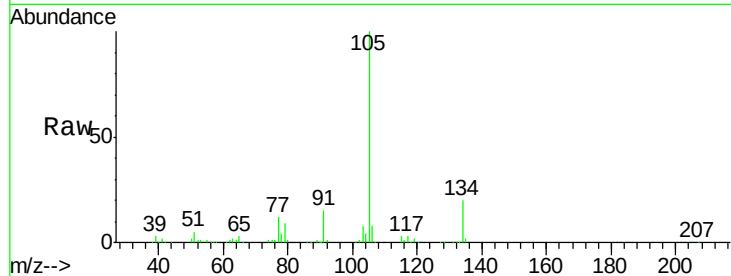
VN1204MBS01

Tot Ion:105 Resp: 180901

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.020 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

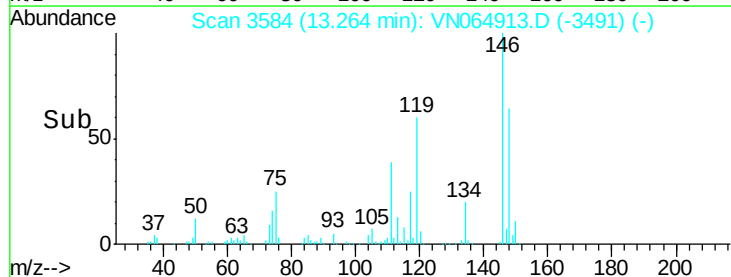
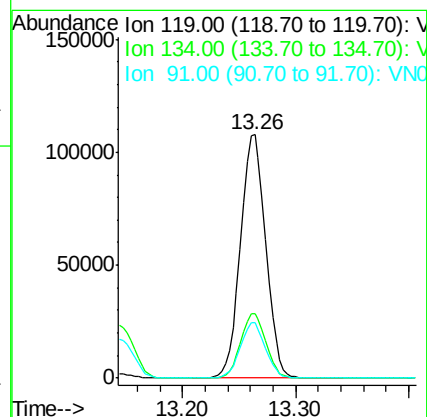
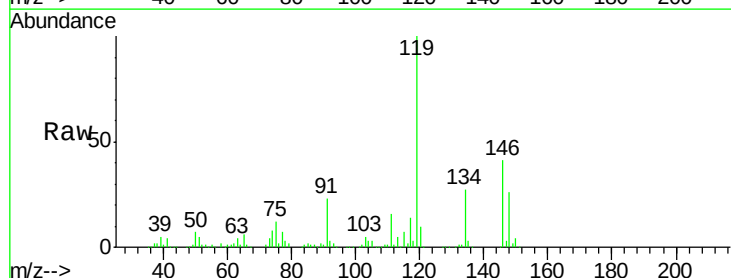
Tgt Ion:119 Resp: 168173

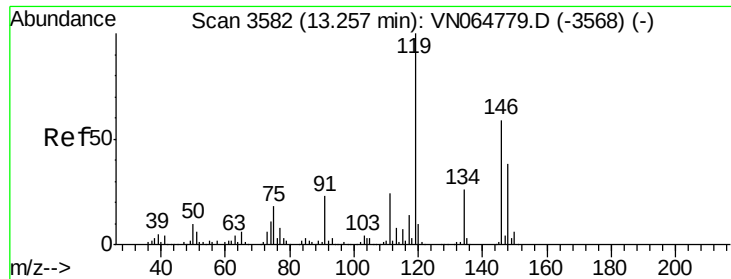
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

91 22.7 11.5 34.5

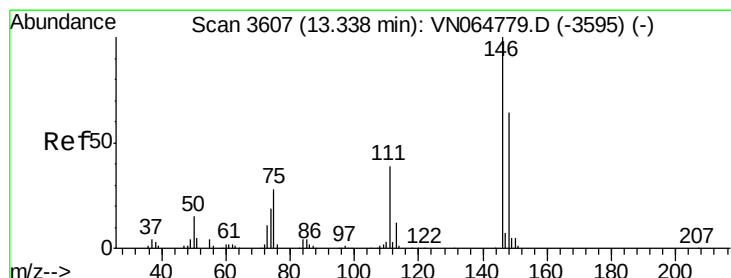
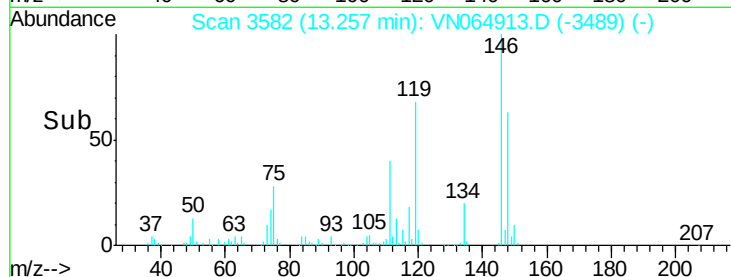
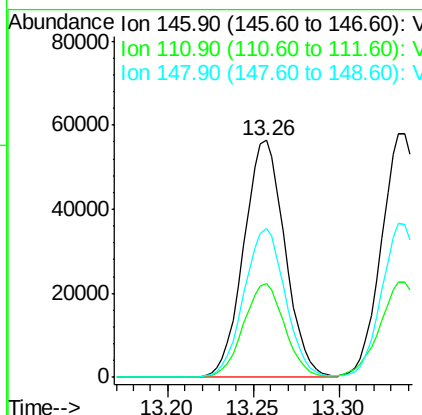
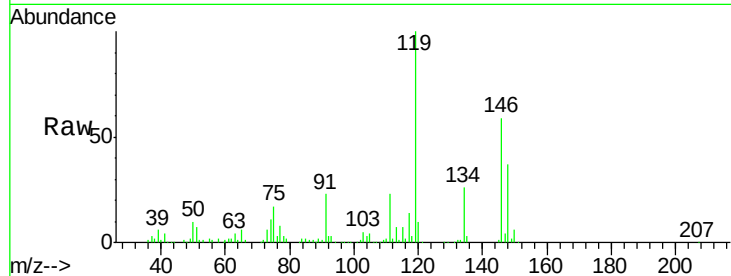




#87
 1,3-Dichlorobenzene
 Concen: 18.615 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064913.D
 Acq: 4 Dec 2020 12:52

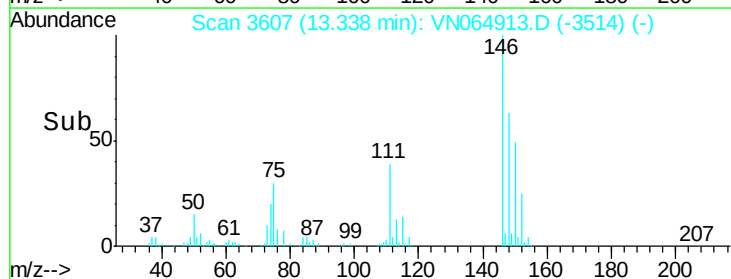
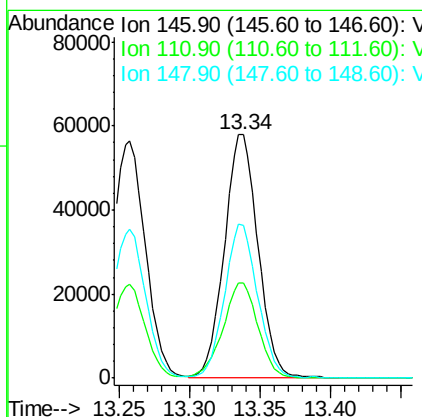
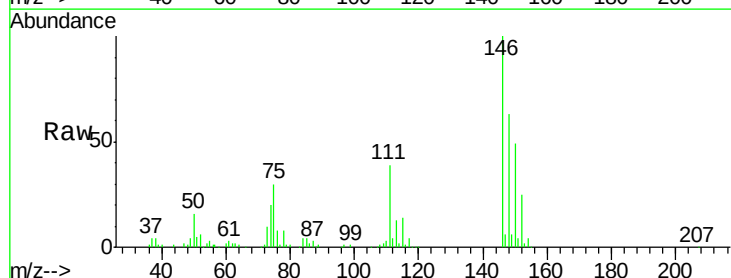
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204MBS01

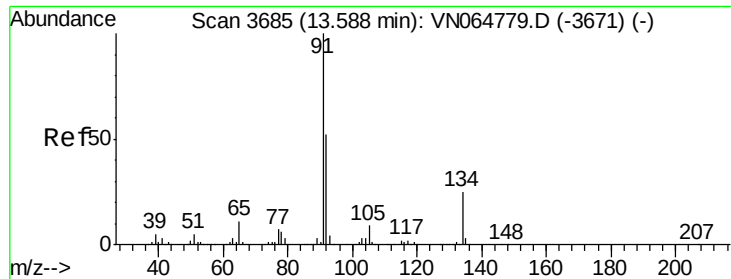
Tot Ion:146 Resp: 93608
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.6 61.9
 148 63.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.161 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064913.D
 Acq: 4 Dec 2020 12:52

Tgt Ion:146 Resp: 96581
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.8 59.3
 148 61.3 31.9 95.5





#89

n-Butylbenzene

Concen: 17.736 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN1204MBS01

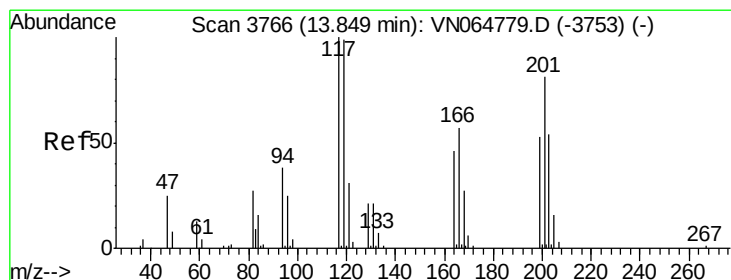
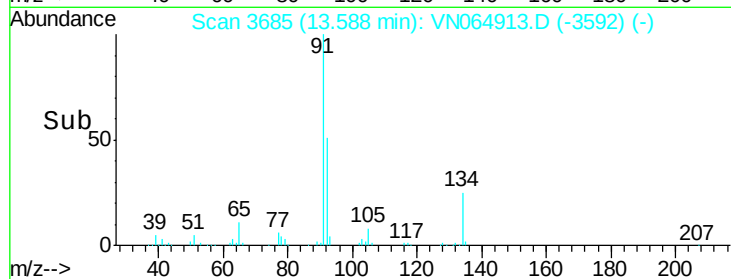
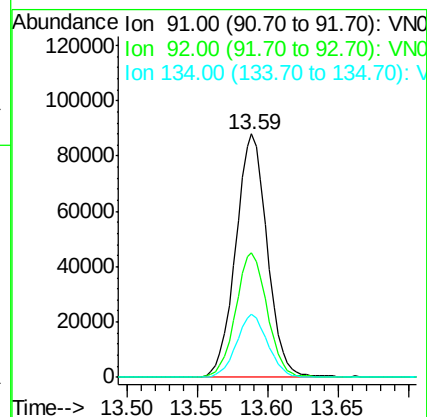
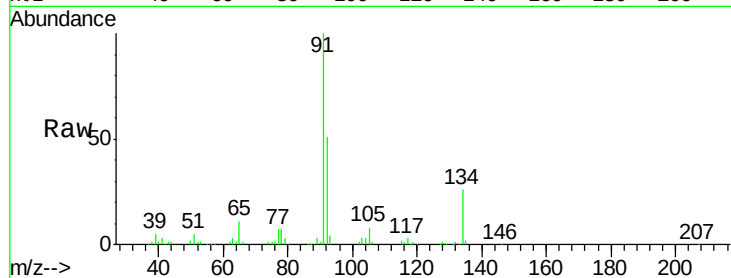
Tot Ion: 91 Resp: 137718

Ion Ratio Lower Upper

91 100

92 51.2 26.0 78.0

134 25.6 12.9 38.6



#90

Hexachloroethane

Concen: 18.963 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064913.D

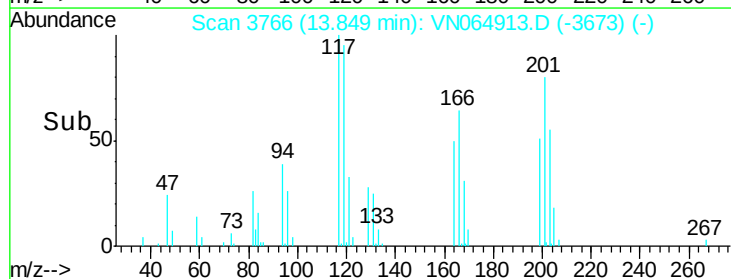
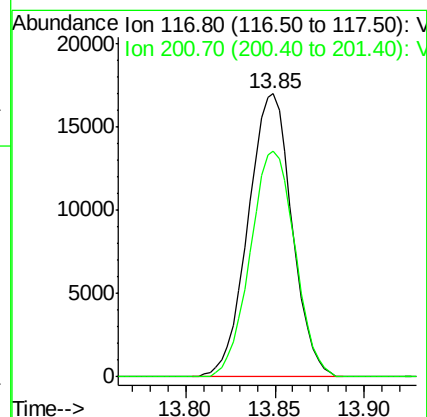
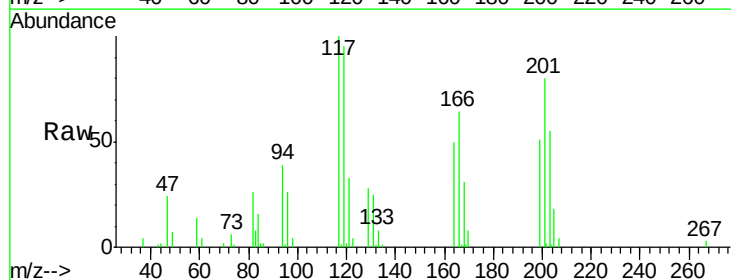
Acq: 4 Dec 2020 12:52

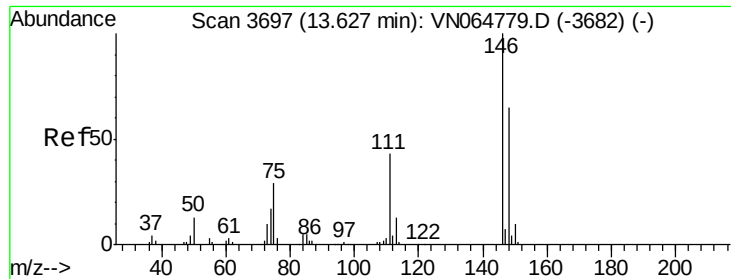
Tgt Ion: 117 Resp: 29126

Ion Ratio Lower Upper

117 100

201 81.5 40.1 120.3

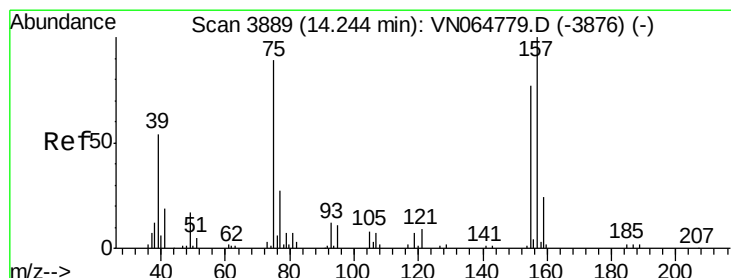
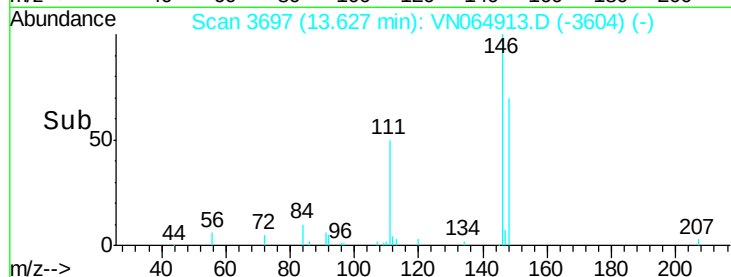
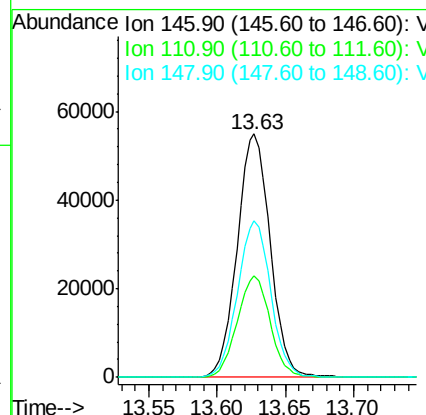
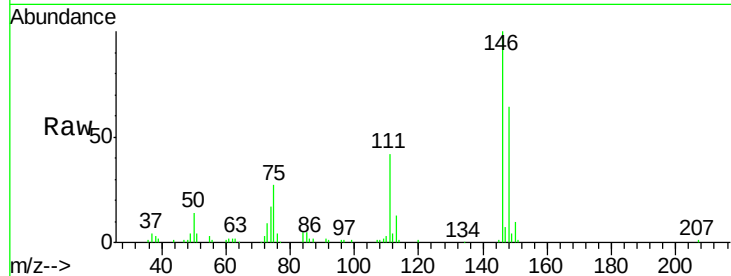




#91
 1,2-Dichlorobenzene
 Concen: 18.717 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064913.D
 Acq: 4 Dec 2020 12:52

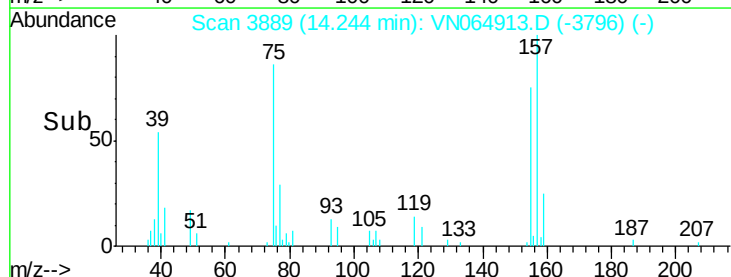
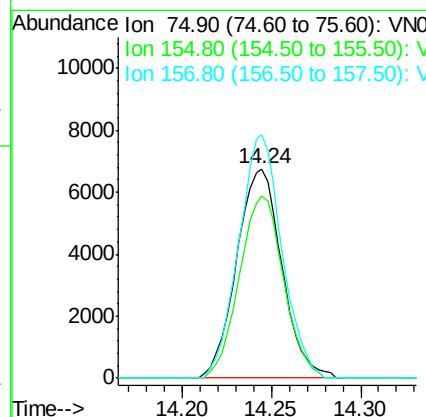
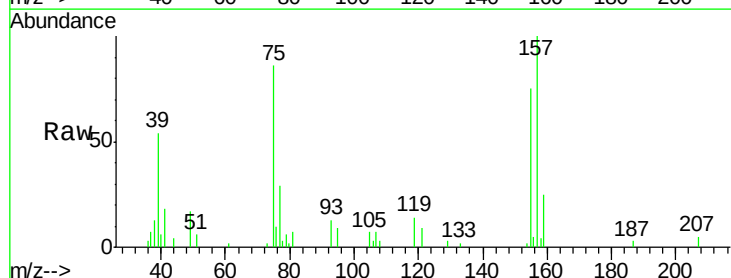
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204MBS01

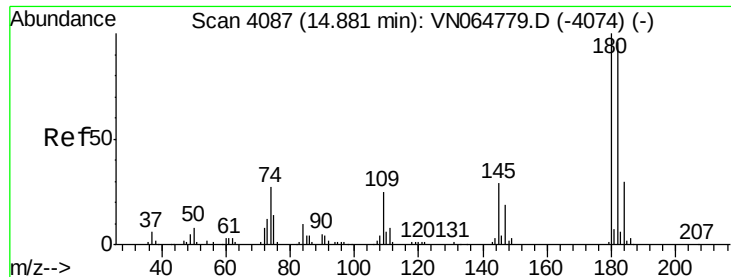
Tot Ion:146 Resp: 92416
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.1 63.1
 148 64.7 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.263 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064913.D
 Acq: 4 Dec 2020 12:52

Tgt Ion: 75 Resp: 11953
 Ion Ratio Lower Upper
 75 100
 155 84.5 42.8 128.3
 157 110.5 56.4 169.1

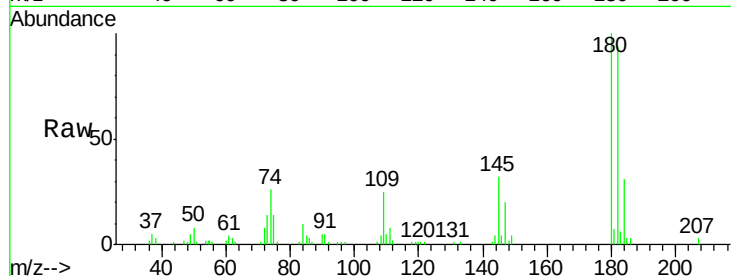




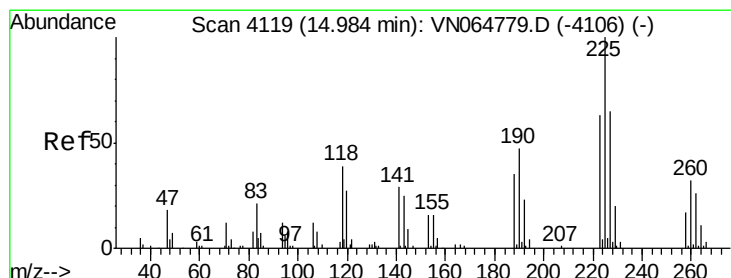
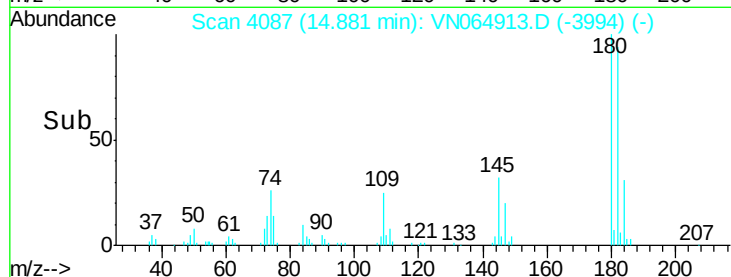
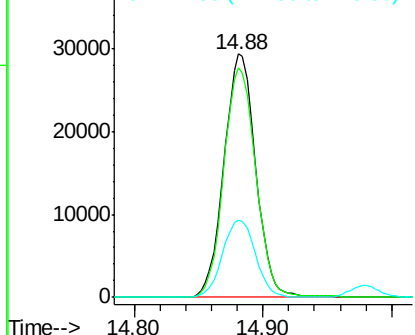
#93
 1,2,4-Trichlorobenzene
 Concen: 16.389 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064913.D
 Acq: 4 Dec 2020 12:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.9
145	32.8	15.3	45.8

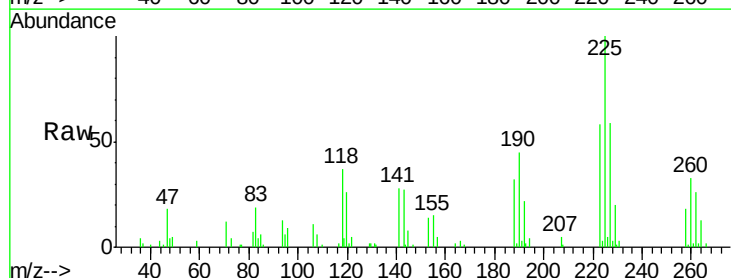


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

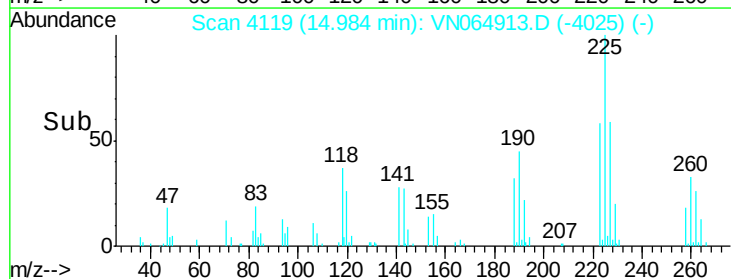
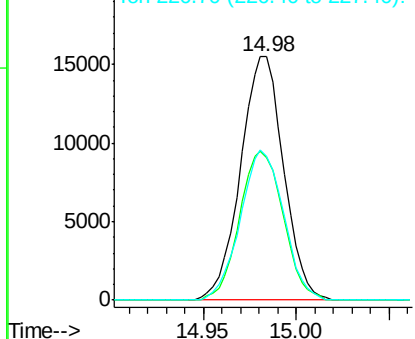


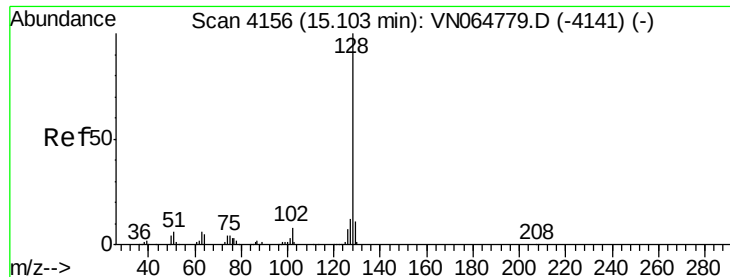
#94
 Hexachlorobutadiene
 Concen: 18.372 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064913.D
 Acq: 4 Dec 2020 12:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.0	93.0
227	62.1	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: 16.283 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

Instrument :

MSVOA_N

ClientSampled :

VN1204MBS01

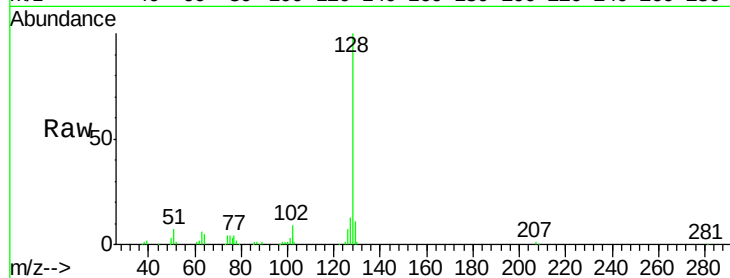
Tot Ion:128 Resp: 148999

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

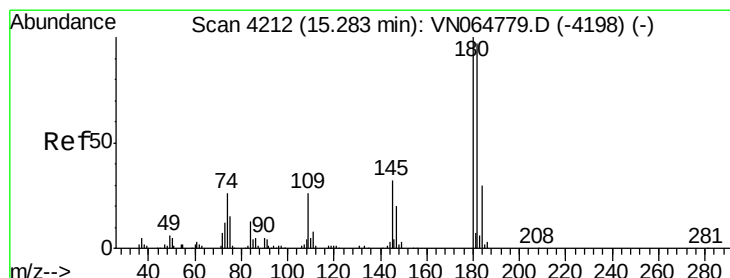
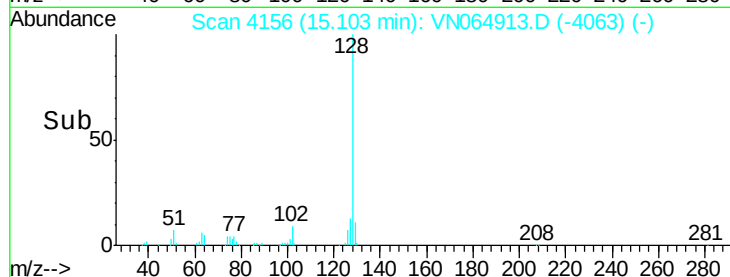
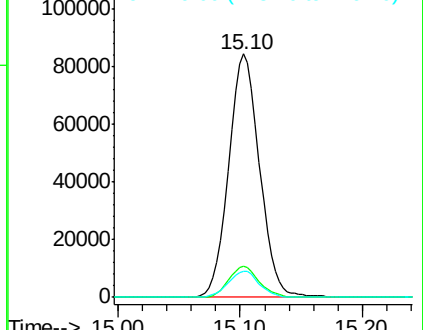
129 10.6 8.7 13.1



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: 18.214 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064913.D

Acq: 4 Dec 2020 12:52

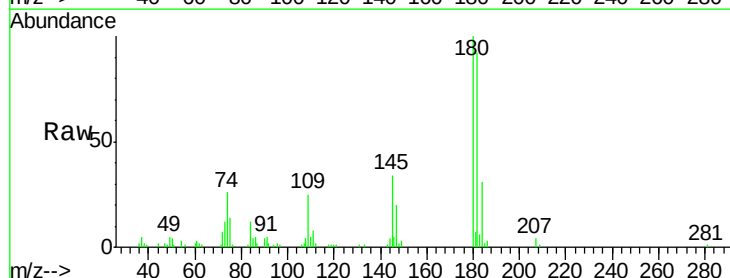
Tgt Ion:180 Resp: 50227

Ion Ratio Lower Upper

180 100

182 95.8 48.1 144.4

145 31.5 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

