

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064727.D
 Acq On : 19 Nov 2020 12:49
 Operator : JC/MD
 Sample : VN1119WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Quant Time: Nov 20 03:44:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	253267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	428213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	410232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	187335	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	219314	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
35) Dibromofluoromethane	7.55	113	122550	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
50) Toluene-d8	10.06	98	547648	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.37	95	198058	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	54764	17.305	ug/l	98
3) Chloromethane	2.04	50	63310	18.092	ug/l	96
4) Vinyl Chloride	2.17	62	72658	19.899	ug/l	97
5) Bromomethane	2.54	94	55037	20.555	ug/l	98
6) Chloroethane	2.68	64	54022	21.928	ug/l	96
7) Trichlorofluoromethane	2.99	101	127142	19.442	ug/l	94
8) Diethyl Ether	3.37	74	45652	21.635	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52593	18.609	ug/l	99
10) Methyl Iodide	3.91	142	58021	17.175	ug/l	99
11) Tert butyl alcohol	4.74	59	41217	95.356	ug/l #	85
12) 1,1-Dichloroethene	3.69	96	48028	17.639	ug/l	96
13) Acrolein	3.56	56	12913	127.601	ug/l	96
14) Allyl chloride	4.28	41	82371	17.618	ug/l	98
15) Acrylonitrile	4.93	53	120814	95.188	ug/l	99
16) Acetone	3.78	43	102061	97.825	ug/l	99
17) Carbon Disulfide	4.01	76	141648	17.972	ug/l	99
18) Methyl Acetate	4.28	43	59985	19.191	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	165790	18.197	ug/l	94
20) Methylene Chloride	4.50	84	60429	18.316	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	53616	17.647	ug/l	97
22) Diisopropyl ether	5.90	45	184462	18.682	ug/l	97
23) Vinyl Acetate	5.84	43	749088	94.008	ug/l	100
24) 1,1-Dichloroethane	5.80	63	106899	18.479	ug/l	98
25) 2-Butanone	6.78	43	166241	97.594	ug/l	98
26) 2,2-Dichloropropane	6.78	77	100017	18.195	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	59983	17.907	ug/l	98
28) Bromochloromethane	7.14	49	51382	17.616	ug/l	99
29) Tetrahydrofuran	7.17	42	109979	95.557	ug/l	98
30) Chloroform	7.33	83	118658	18.875	ug/l	97
31) Cyclohexane	7.61	56	84459	17.534	ug/l #	85
32) 1,1,1-Trichloroethane	7.53	97	103614	18.033	ug/l	99
36) 1,1-Dichloropropene	7.75	75	82620	18.754	ug/l	98
37) Ethyl Acetate	6.88	43	73537	19.935	ug/l #	81
38) Carbon Tetrachloride	7.73	117	89502	19.116	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	69297	17.753	ug/l	97
40) Benzene	8.00	78	237690	19.364	ug/l	98
41) Methacrylonitrile	7.13	41	38026	22.490	ug/l #	84
42) 1,2-Dichloroethane	8.08	62	104173	19.724	ug/l	99
43) Isopropyl Acetate	8.13	43	127364	17.813	ug/l	97
44) Trichloroethene	8.80	130	67163	19.065	ug/l	96
45) 1,2-Dichloropropane	9.08	63	62810	19.196	ug/l	98
46) Dibromomethane	9.17	93	46054	19.857	ug/l	99
47) Bromodichloromethane	9.37	83	93945	19.267	ug/l	98
48) Methyl methacrylate	9.16	41	64465	19.108	ug/l	94
49) 1,4-Dioxane	9.17	88	16428	390.301	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	391146	94.530	ug/l	99
52) Toluene	10.12	92	146921	19.434	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	98248	18.828	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	100030	18.616	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	72286	23.839	ug/l	99
56) Ethyl methacrylate	10.40	69	76726	17.265	ug/l	96
57) 1,3-Dichloropropane	10.68	76	110458	21.029	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	222493	90.682	ug/l	99
59) 2-Hexanone	10.72	43	298775	99.487	ug/l	98
60) Dibromochloromethane	10.87	129	67240	19.193	ug/l	99
61) 1,2-Dibromoethane	10.98	107	61395	18.983	ug/l	99
64) Tetrachloroethene	10.60	164	77630	21.346	ug/l	98
65) Chlorobenzene	11.40	112	159679	18.298	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	60947	18.692	ug/l	99
67) Ethyl Benzene	11.48	91	273717	17.790	ug/l	99
68) m/p-Xylenes	11.59	106	203186	35.262	ug/l	98
69) o-Xylene	11.92	106	93758	17.467	ug/l	98
70) Styrene	11.94	104	164091	17.416	ug/l	98
71) Bromoform	12.10	173	40858	17.778	ug/l #	99
73) Isopropylbenzene	12.22	105	250392	18.825	ug/l	98
74) N-amyl acetate	12.04	43	110736	17.827	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	70095	18.850	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	113250	28.057	ug/l #	100
77) Bromobenzene	12.50	156	62234	18.552	ug/l	99
78) n-propylbenzene	12.56	91	294333	19.002	ug/l	99
79) 2-Chlorotoluene	12.65	91	184080	18.568	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	212372	19.221	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25629	17.392	ug/l	98
82) 4-Chlorotoluene	12.75	91	198819	18.808	ug/l	99
83) tert-Butylbenzene	12.97	119	158839	18.583	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	216464	19.196	ug/l	98
85) sec-Butylbenzene	13.14	105	215316	18.899	ug/l	100
86) p-Isopropyltoluene	13.26	119	193861	18.502	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	110654	18.104	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	113355	18.064	ug/l	98
89) n-Butylbenzene	13.59	91	176902	18.085	ug/l	97
90) Hexachloroethane	13.85	117	33905	19.574	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	105821	17.714	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17979	18.424	ug/l	95

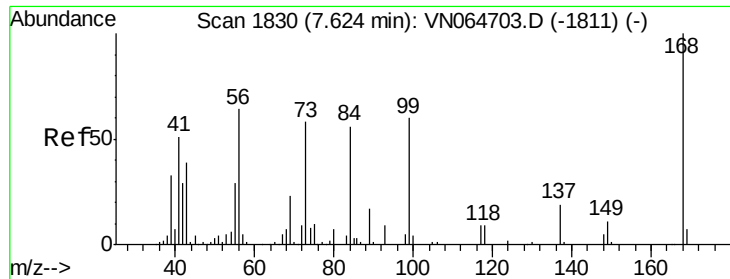
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	56236	18.172	ug/l	99
94) Hexachlorobutadiene	14.98	225	24849	18.355	ug/l	96
95) Naphthalene	15.10	128	171829	16.319	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	52818	17.447	ug/l	97

(#) = 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: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

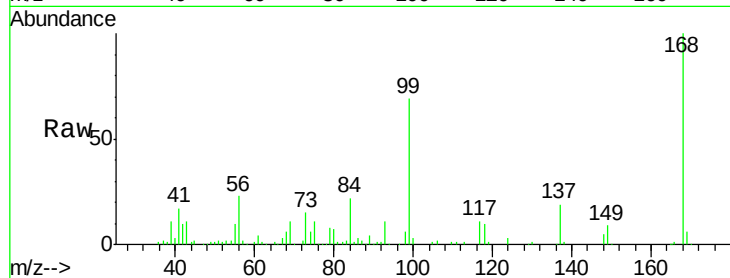
VN1119WBSD01

Tot Ion:168 Resp: 253267

Ion Ratio Lower Upper

168 100

99 68.6 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

120000

100000

80000

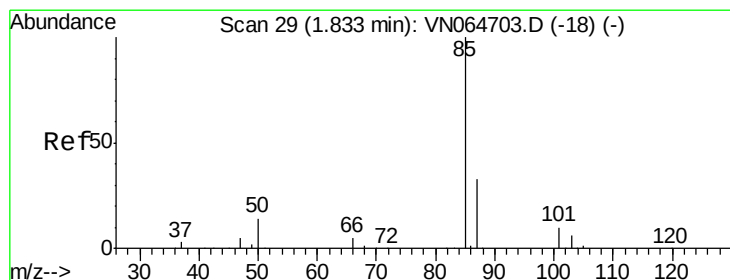
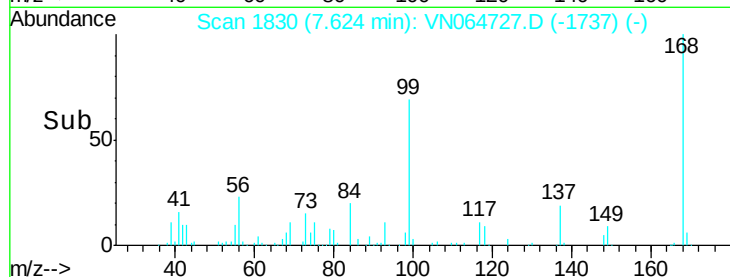
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.305 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064727.D

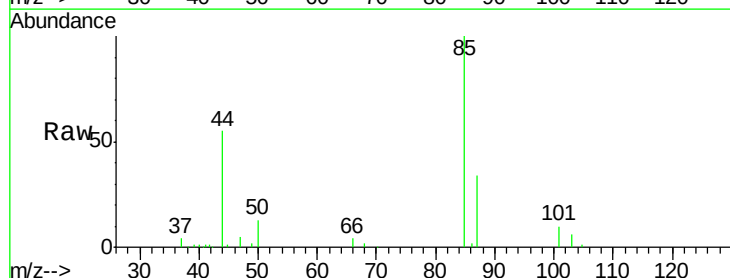
Acq: 19 Nov 2020 12:49

Tgt Ion: 85 Resp: 54764

Ion Ratio Lower Upper

85 100

87 33.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

40000

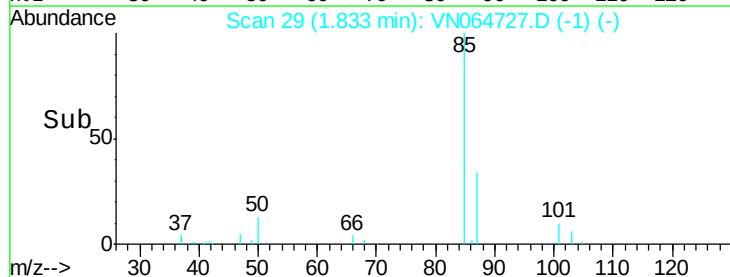
30000

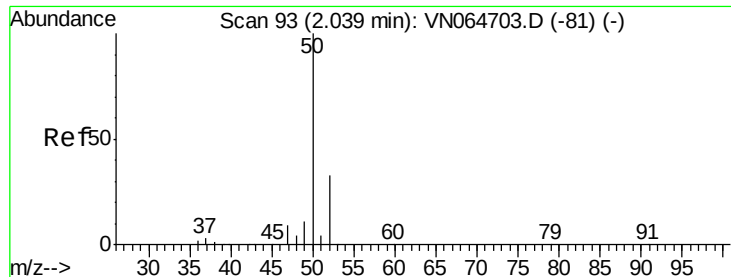
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.092 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

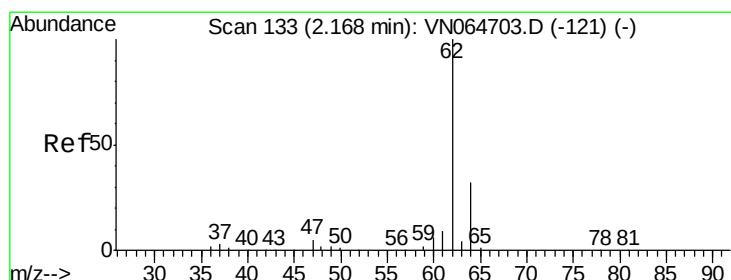
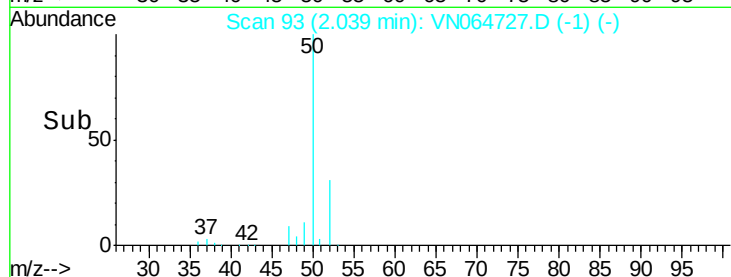
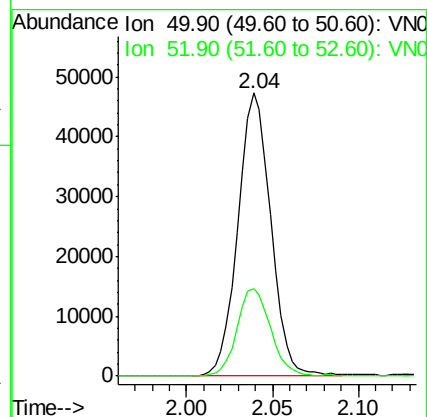
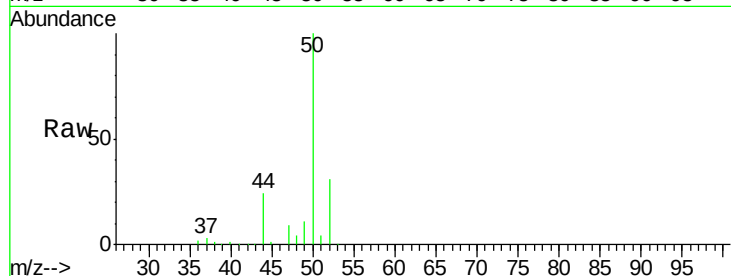
VN1119WBSD01

Tot Ion: 50 Resp: 63310

Ion Ratio Lower Upper

50 100

52 31.0 26.4 39.6



#4

Vinyl Chloride

Concen: 19.899 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064727.D

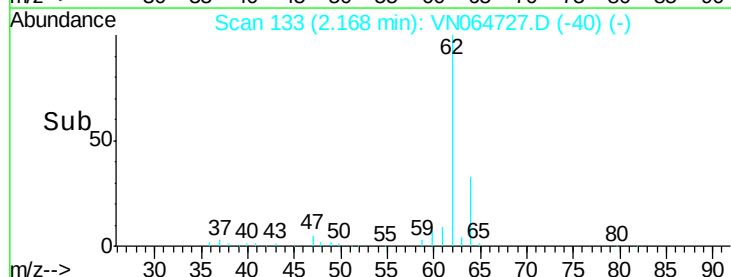
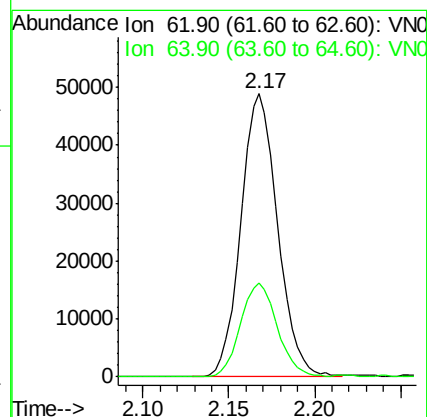
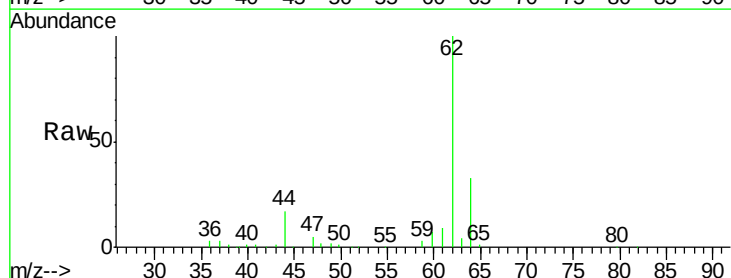
Acq: 19 Nov 2020 12:49

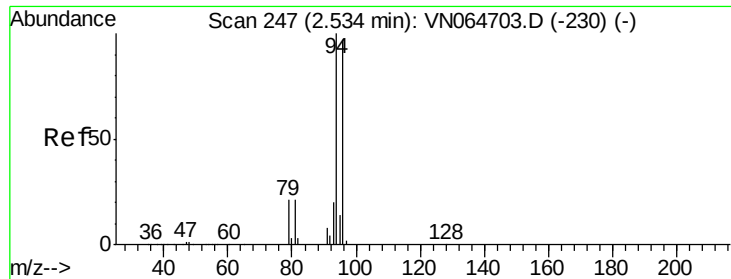
Tgt Ion: 62 Resp: 72658

Ion Ratio Lower Upper

62 100

64 33.0 25.2 37.8





#5

Bromomethane

Concen: 20.555 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

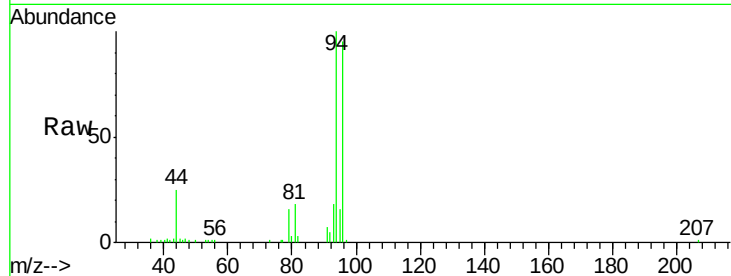
VN1119WBSD01

Tot Ion: 94 Resp: 55037

Ion Ratio Lower Upper

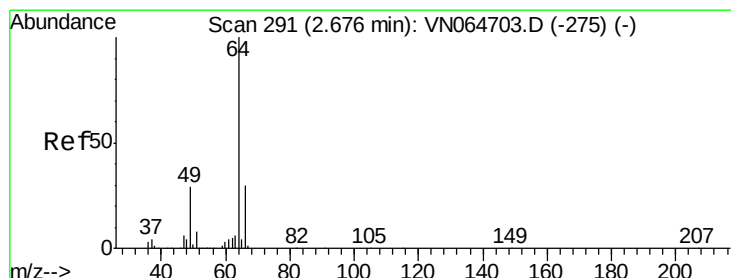
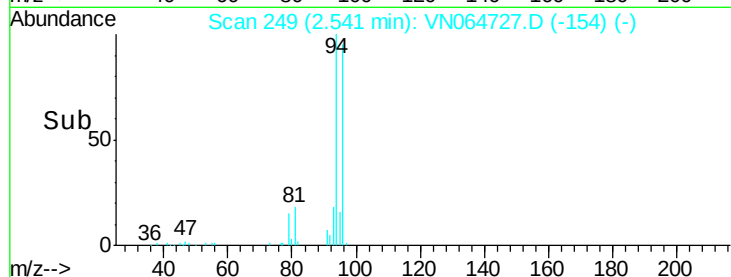
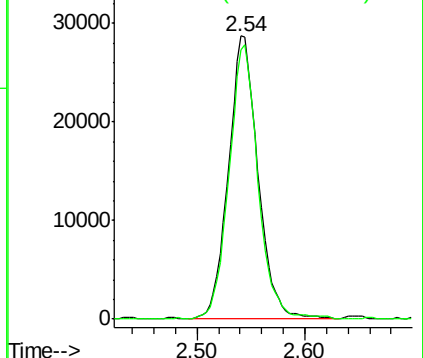
94 100

96 95.1 77.8 116.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 21.928 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN064727.D

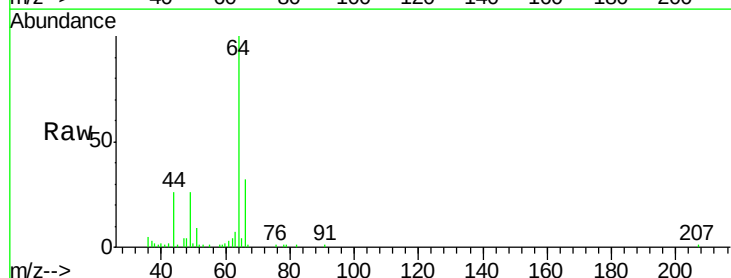
Acq: 19 Nov 2020 12:49

Tgt Ion: 64 Resp: 54022

Ion Ratio Lower Upper

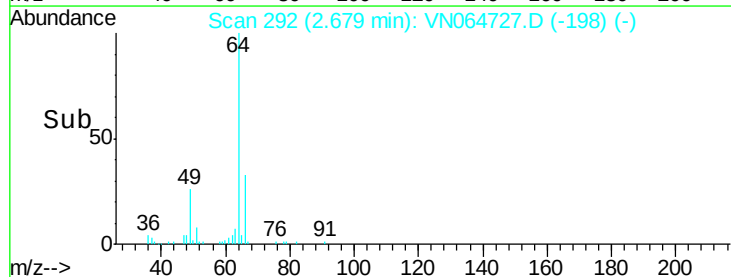
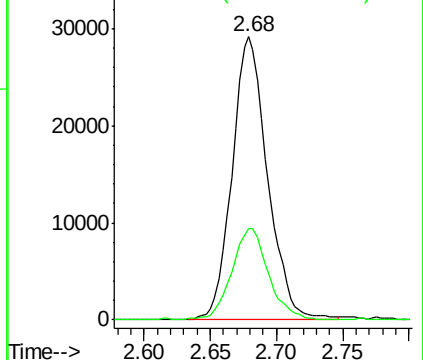
64 100

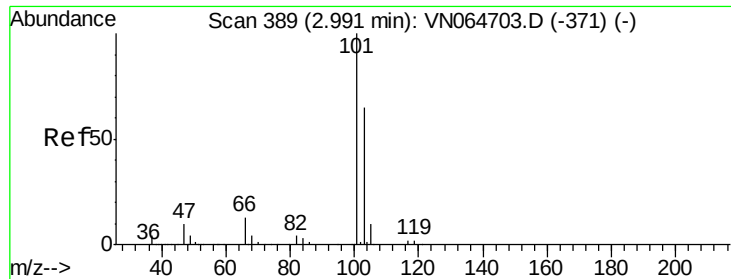
66 32.4 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



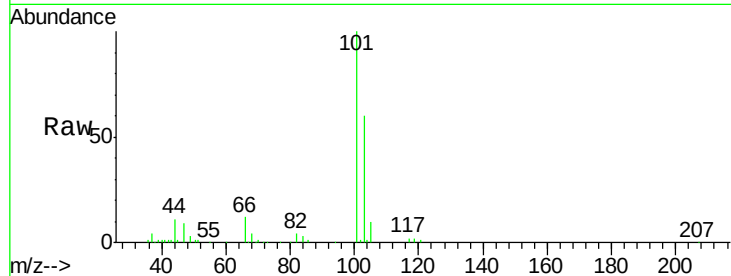


#7

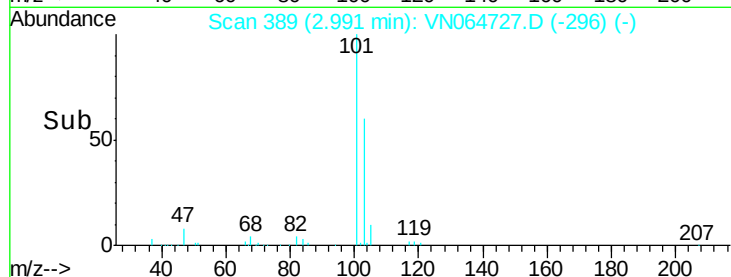
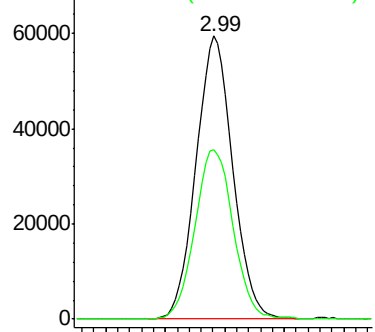
Trichlorofluoromethane
 Concen: 19.442 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

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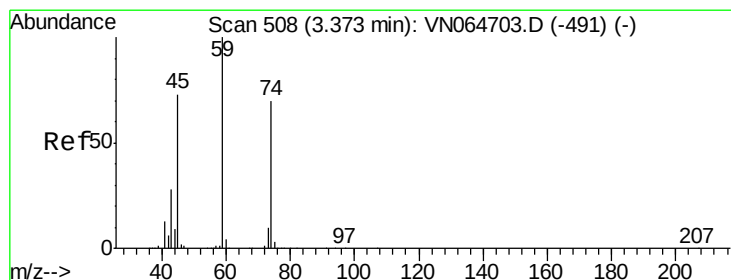
Tot Ion:101 Resp: 127142
 Ion Ratio Lower Upper
 101 100
 103 59.7 51.8 77.6



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



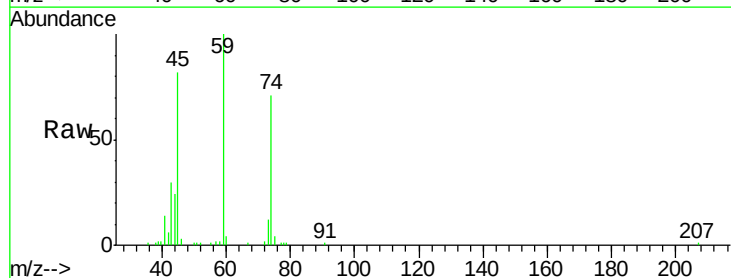
Time-->



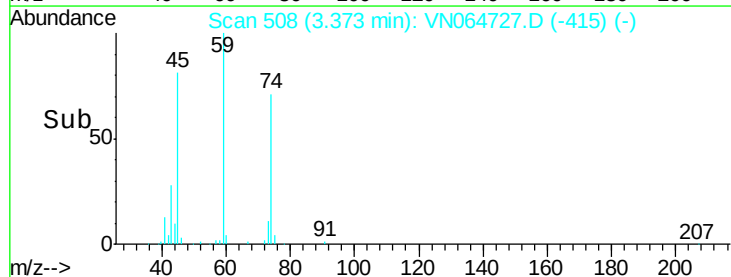
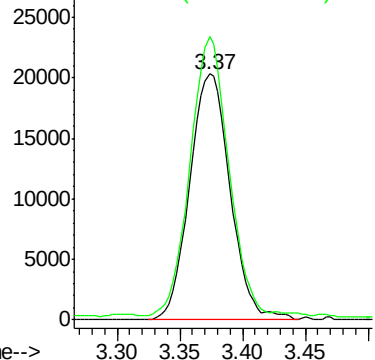
#8

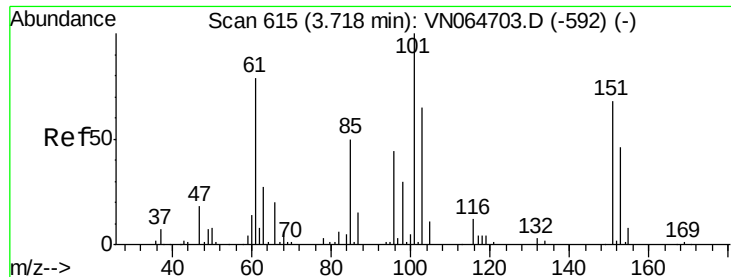
Diethyl Ether
 Concen: 21.635 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Tgt Ion: 74 Resp: 45652
 Ion Ratio Lower Upper
 74 100
 45 107.5 52.8 158.5



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.609 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

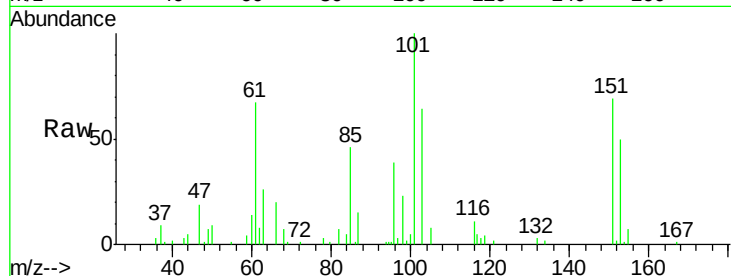
Tot Ion:101 Resp: 52593

Ion Ratio Lower Upper

101 100

85 48.9 39.0 58.4

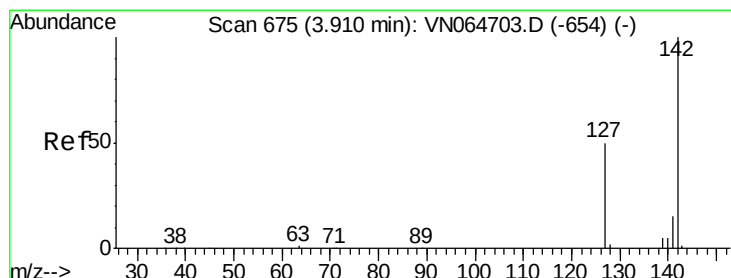
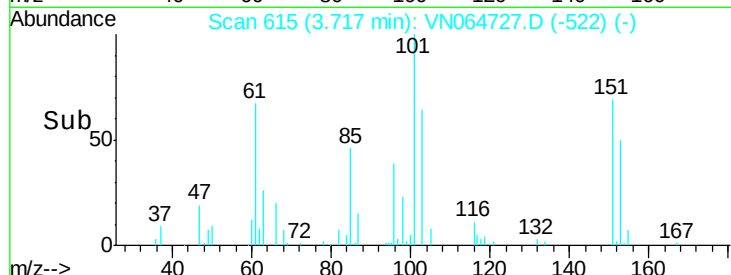
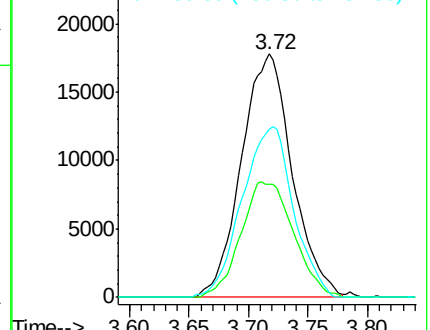
151 70.8 57.2 85.8



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: 17.175 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

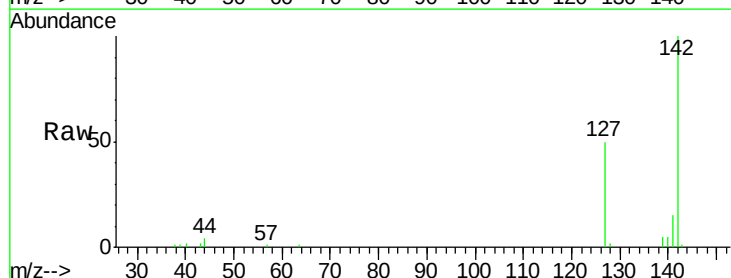
Tgt Ion:142 Resp: 58021

Ion Ratio Lower Upper

142 100

127 51.8 42.0 63.0

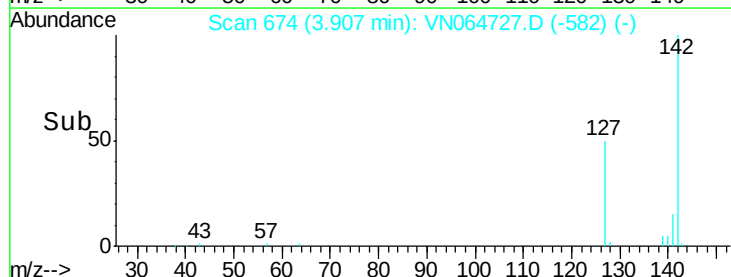
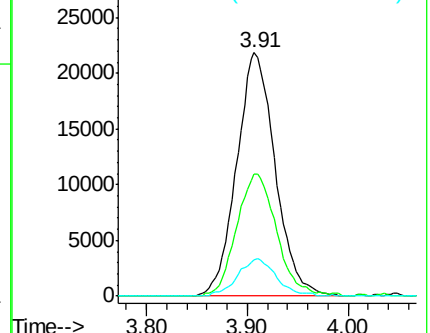
141 15.0 12.1 18.1

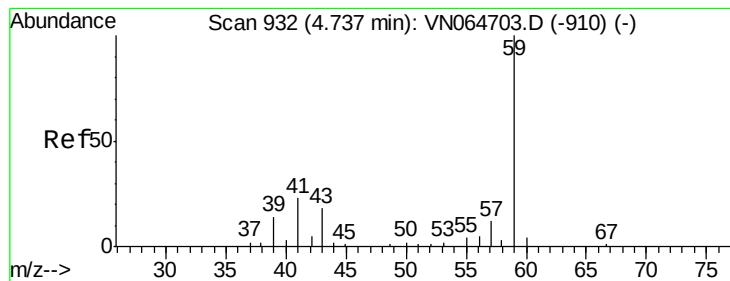


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 95.356 ug/l

RT: 4.74 min Scan# 933

Delta R.T. 0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

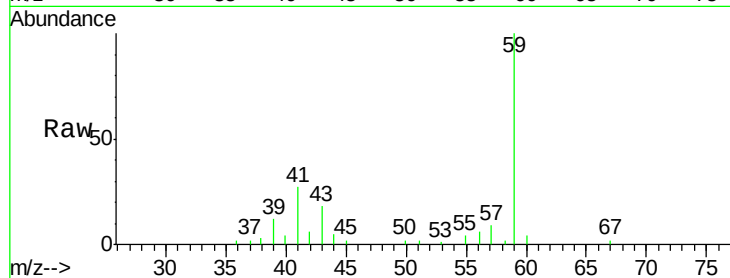
VN1119WBSD01

Tot Ion: 59 Resp: 41217

Ion Ratio Lower Upper

59 100

57 5.8 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.74

15000

10000

5000

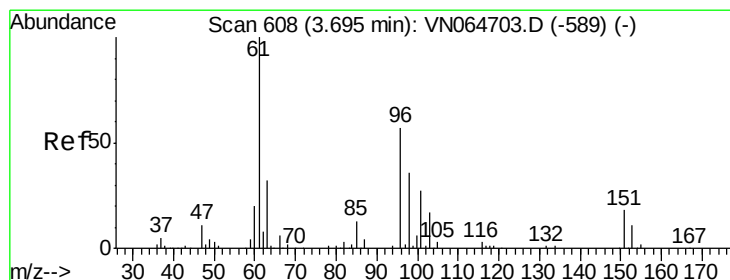
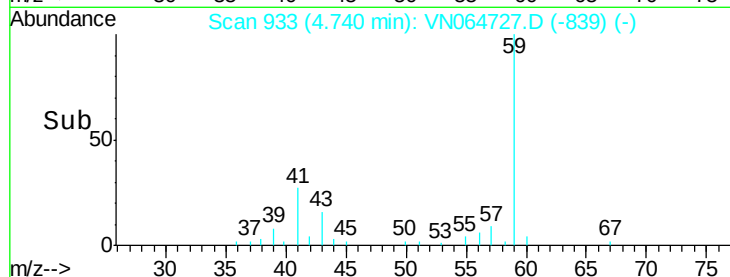
0

Time-->

4.60

4.70

4.80



#12

1,1-Dichloroethene

Concen: 17.639 ug/l

RT: 3.69 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

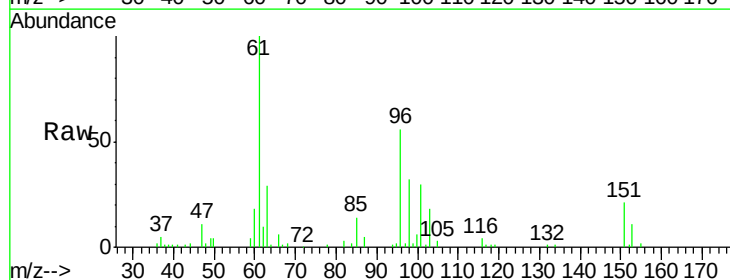
Tgt Ion: 96 Resp: 48028

Ion Ratio Lower Upper

96 100

61 177.3 139.1 208.7

98 57.2 50.2 75.2



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

3.69

40000

30000

20000

10000

0

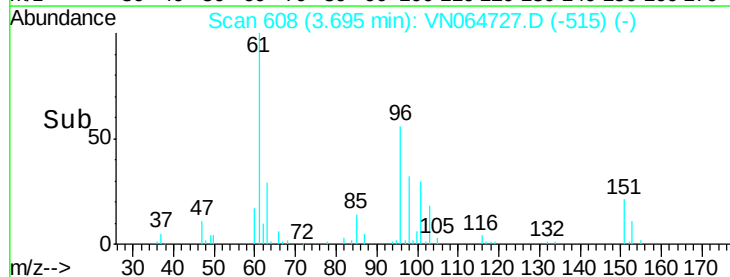
Time-->

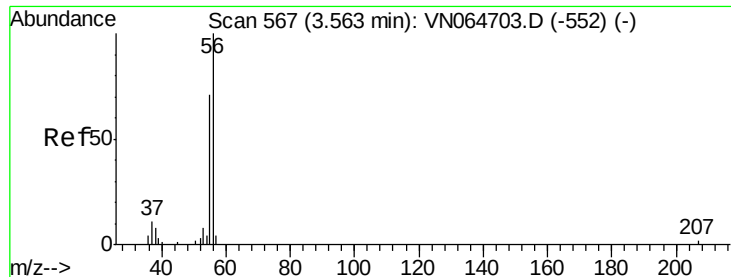
3.60

3.65

3.70

3.75





#13

Acrolein

Concen: 127.601 ug/l

RT: 3.56 min Scan# 566

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

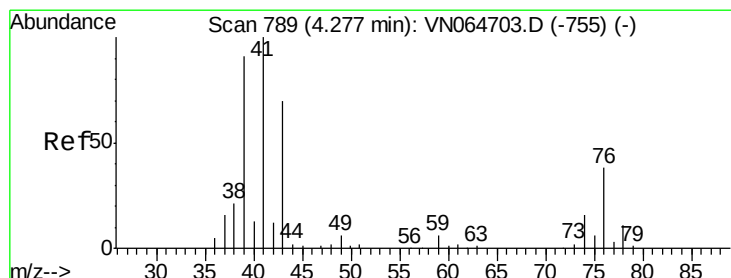
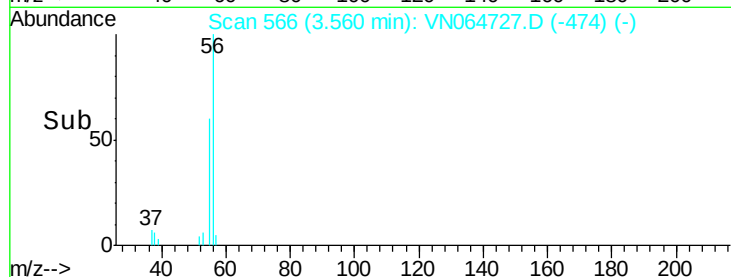
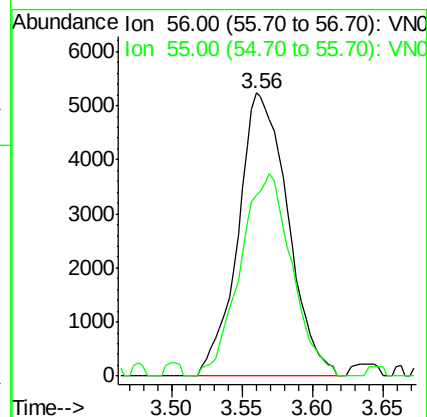
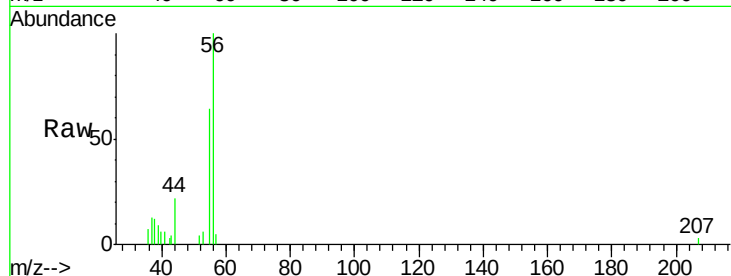
VN1119WBSD01

Tot Ion: 56 Resp: 12913

Ion Ratio Lower Upper

56 100

55 73.7 61.8 92.6



#14

Allyl chloride

Concen: 17.618 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

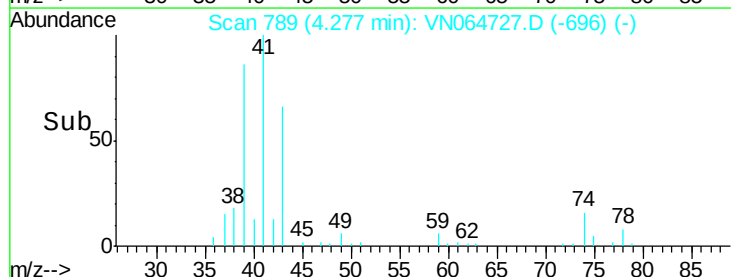
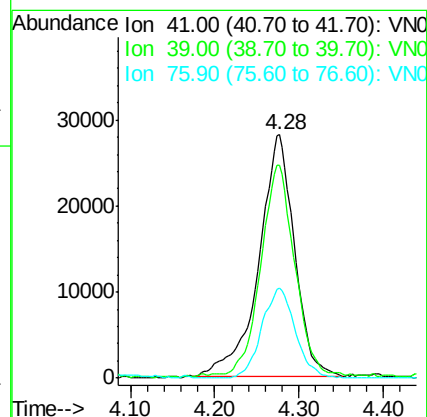
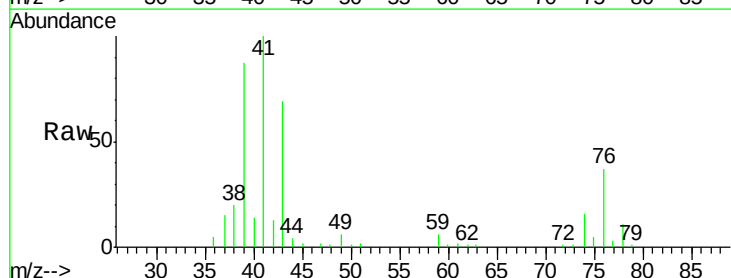
Tgt Ion: 41 Resp: 82371

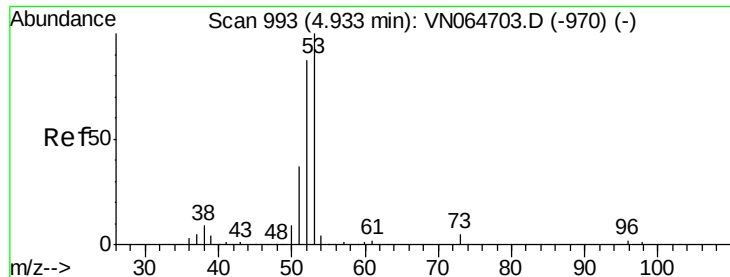
Ion Ratio Lower Upper

41 100

39 81.6 66.1 99.1

76 35.0 26.6 40.0





#15

Acrylonitrile

Concen: 95.188 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

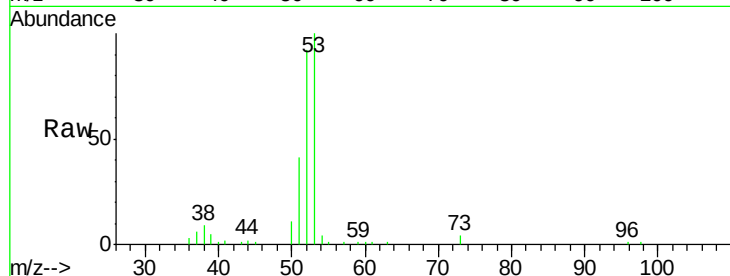
Tot Ion: 53 Resp: 120814

Ion Ratio Lower Upper

53 100

52 83.9 67.2 100.8

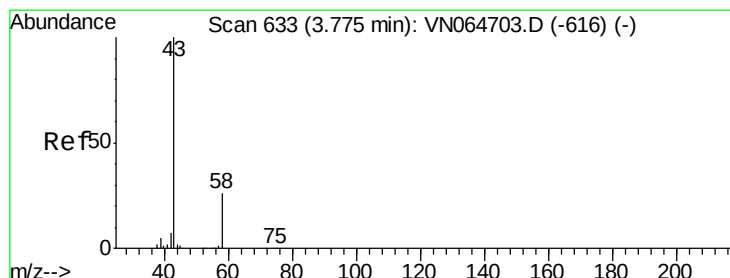
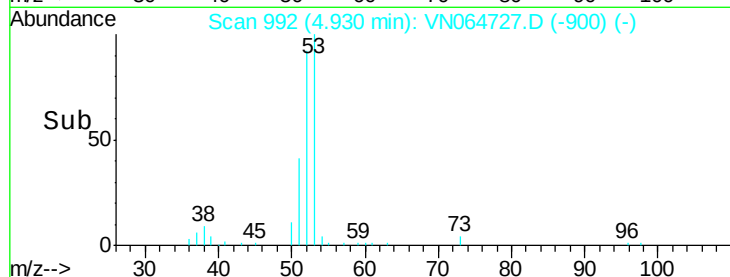
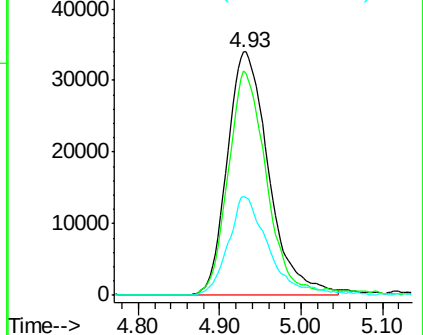
51 37.8 31.0 46.6



Abundance Ion 53.00 (52.70 to 53.70): VN064727.D (-900) (-)

Ion 52.00 (51.70 to 52.70): VN064727.D (-900) (-)

Ion 51.00 (50.70 to 51.70): VN064727.D (-900) (-)



#16

Acetone

Concen: 97.825 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064727.D

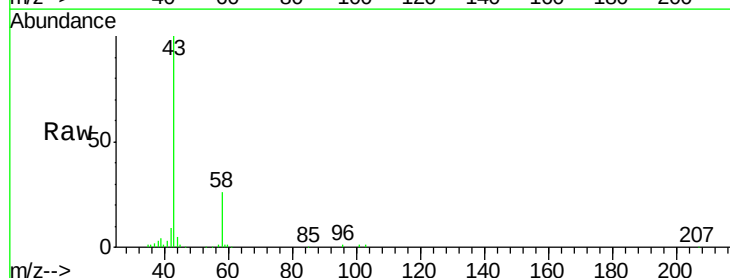
Acq: 19 Nov 2020 12:49

Tgt Ion: 43 Resp: 102061

Ion Ratio Lower Upper

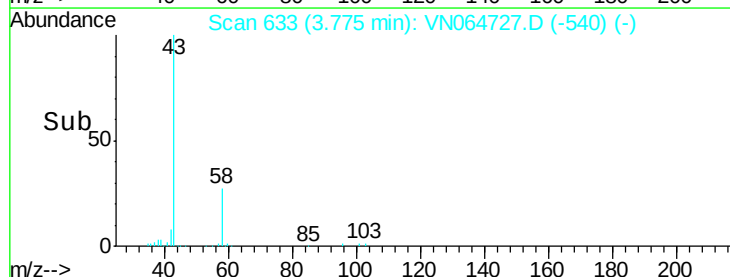
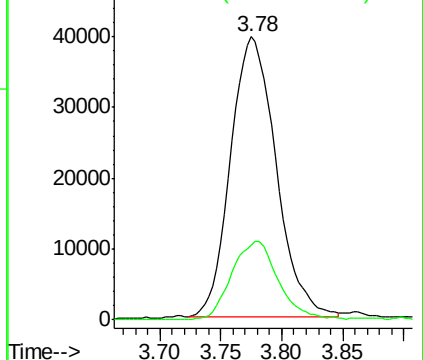
43 100

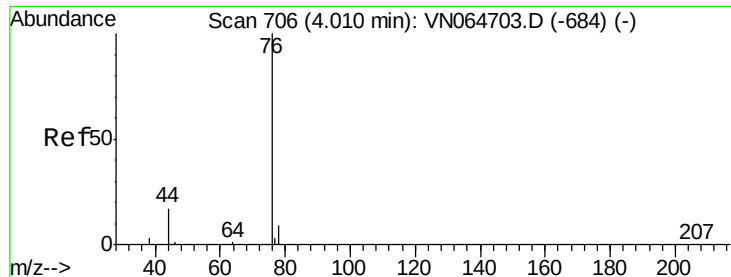
58 26.8 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN064727.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064727.D (-540) (-)

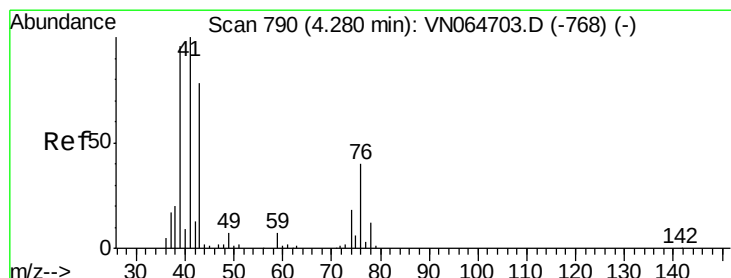
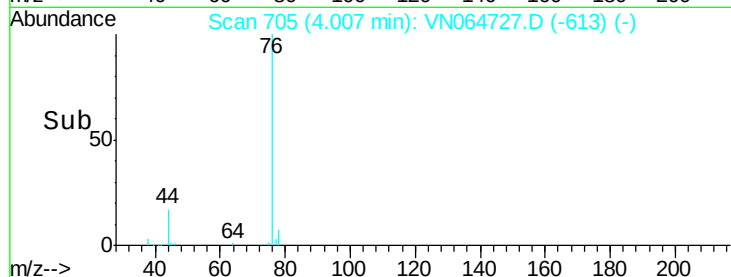
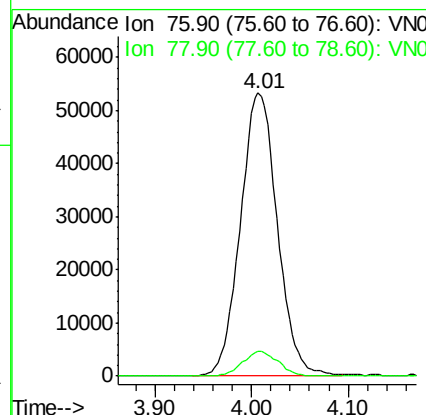
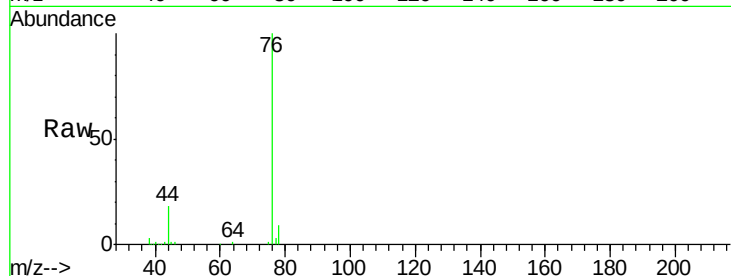




#17
Carbon Disulfide
Concen: 17.972 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

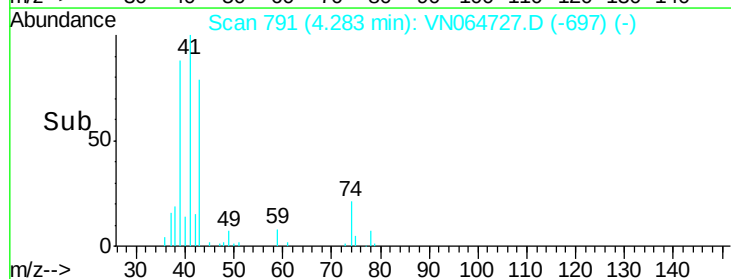
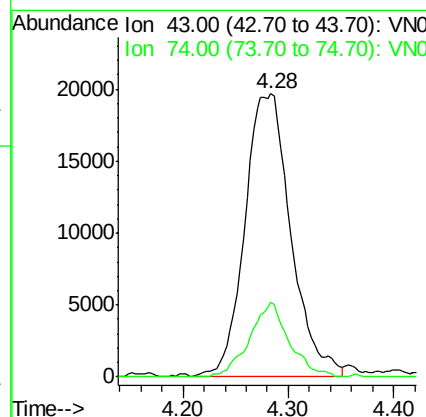
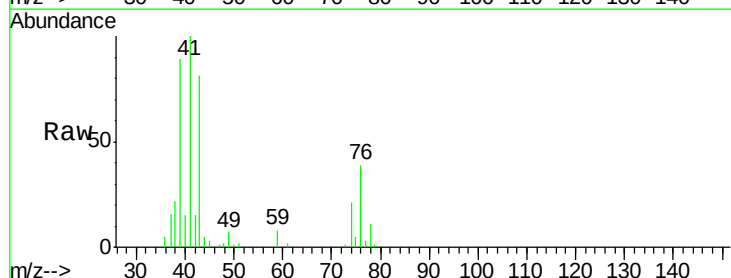
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

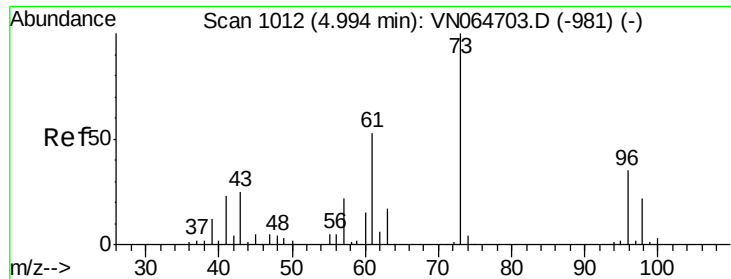
Tot Ion: 76 Resp: 141648
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#18
Methyl Acetate
Concen: 19.191 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion: 43 Resp: 59985
Ion Ratio Lower Upper
43 100
74 22.5 17.6 26.4

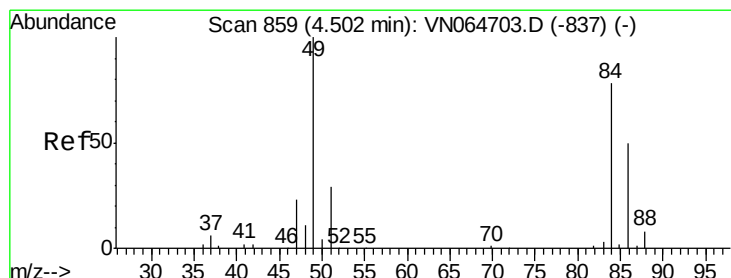
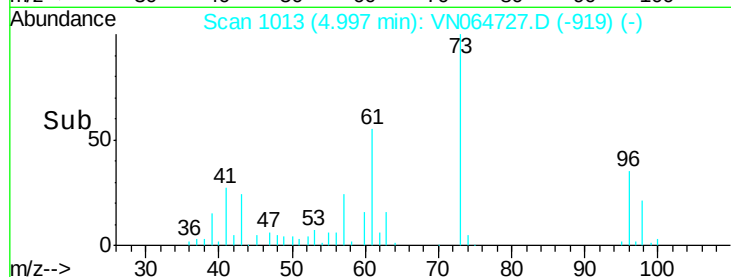
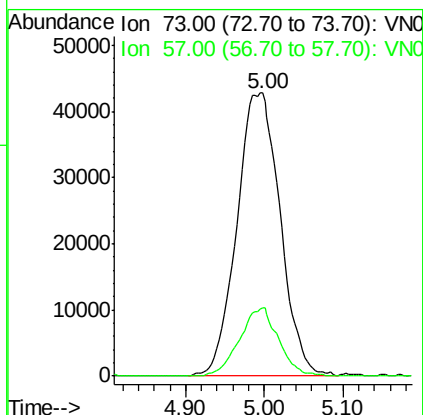
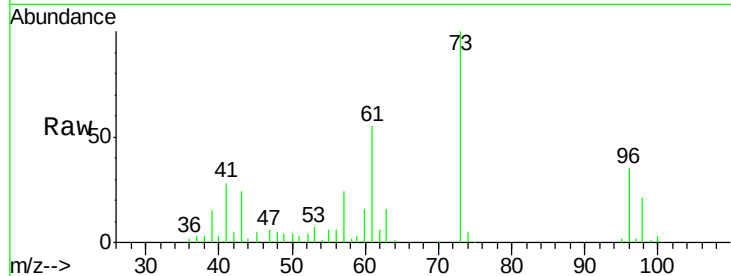




#19
Methyl tert-butyl Ether
Concen: 18.197 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

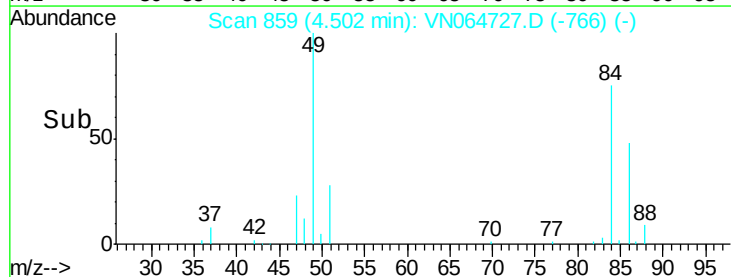
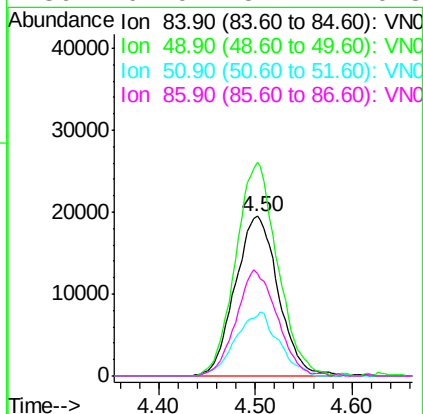
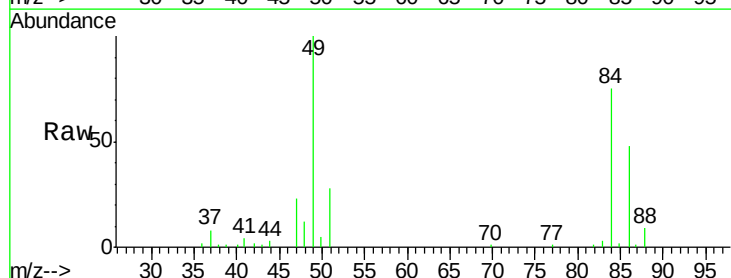
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

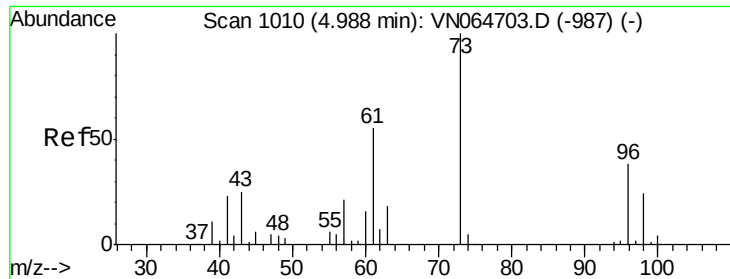
Tot Ion: 73 Resp: 165790
Ion Ratio Lower Upper
73 100
57 24.3 17.3 25.9



#20
Methylene Chloride
Concen: 18.316 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion: 84 Resp: 60429
Ion Ratio Lower Upper
84 100
49 133.6 102.4 153.6
51 37.5 29.4 44.2
86 64.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 17.647 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

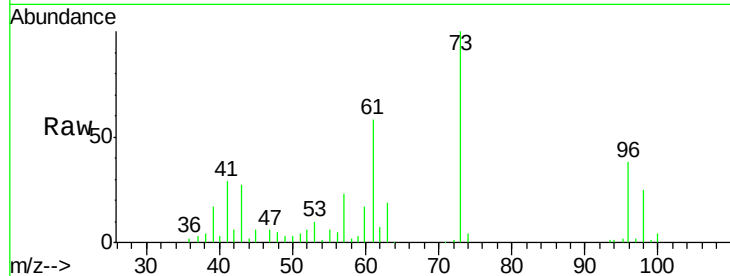
Tot Ion: 96 Resp: 53616

Ion Ratio Lower Upper

96 100

61 151.7 117.9 176.9

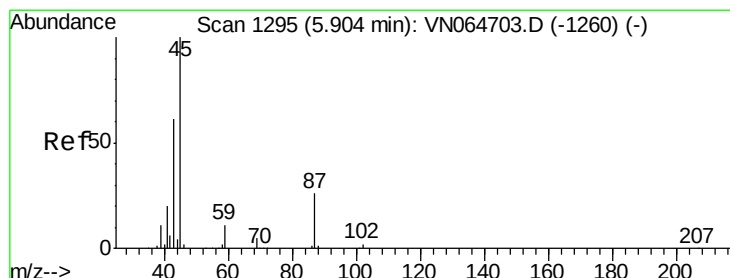
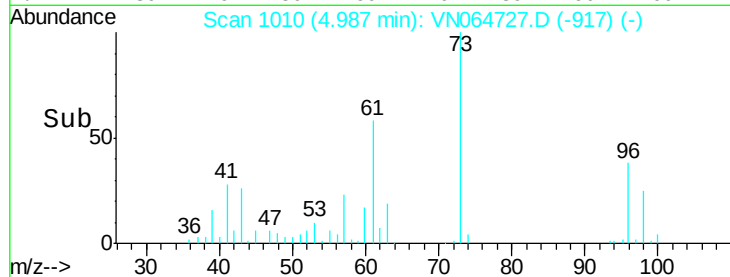
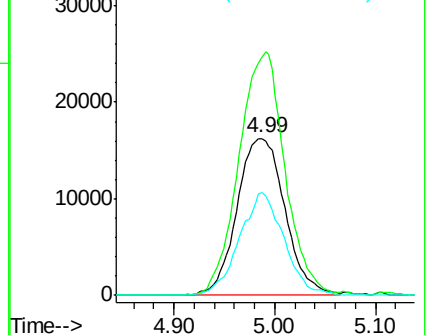
98 65.3 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN064727.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN064727.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN064727.D (-917) (-)



#22

Diisopropyl ether

Concen: 18.682 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Tgt Ion: 45 Resp: 184462

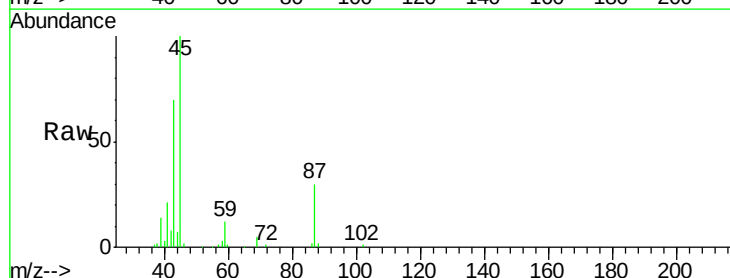
Ion Ratio Lower Upper

45 100

43 66.5 52.3 78.5

87 30.1 21.6 32.4

59 11.8 8.7 13.1

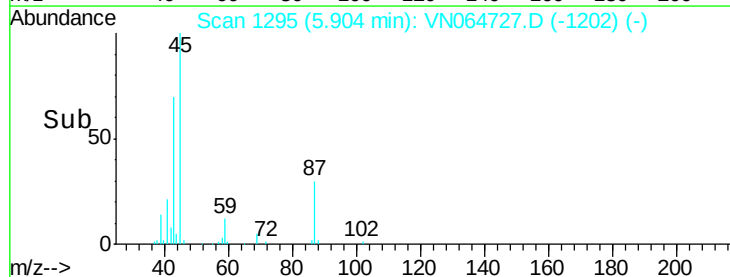
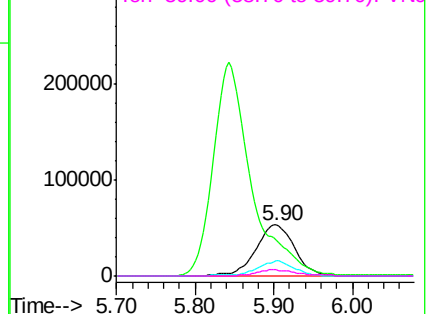


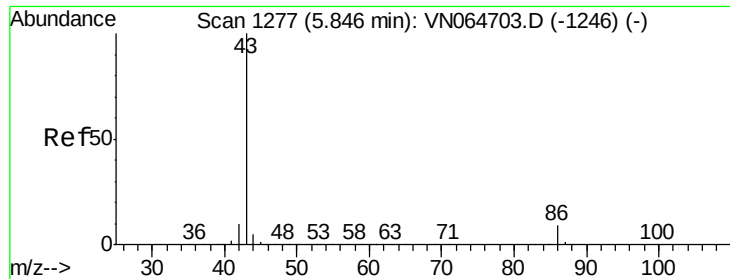
Abundance Ion 45.00 (44.70 to 45.70): VN064727.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064727.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064727.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064727.D (-1202) (-)





#23

Vinyl Acetate

Concen: 94.008 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

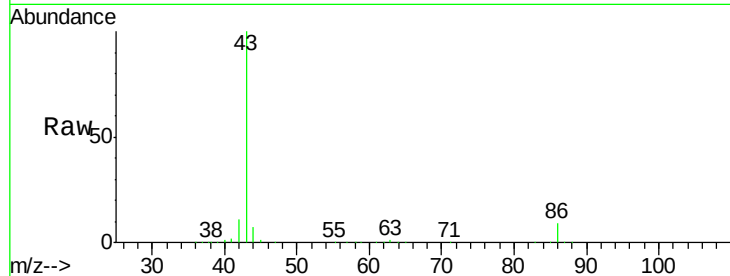
VN1119WBSD01

Tot Ion: 43 Resp: 749088

Ion Ratio Lower Upper

43 100

86 9.2 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

250000

200000

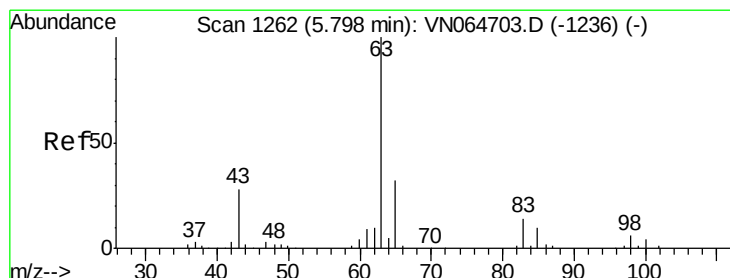
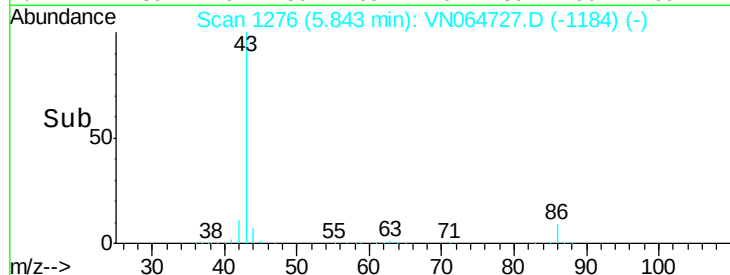
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.479 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

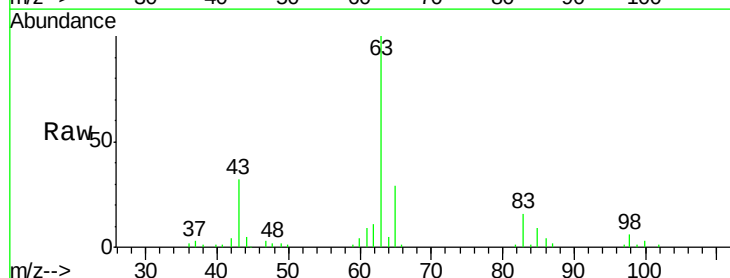
Tgt Ion: 63 Resp: 106899

Ion Ratio Lower Upper

63 100

98 5.6 3.2 9.6

100 2.9 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

40000

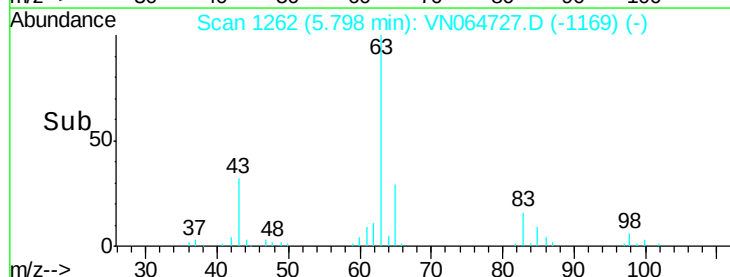
30000

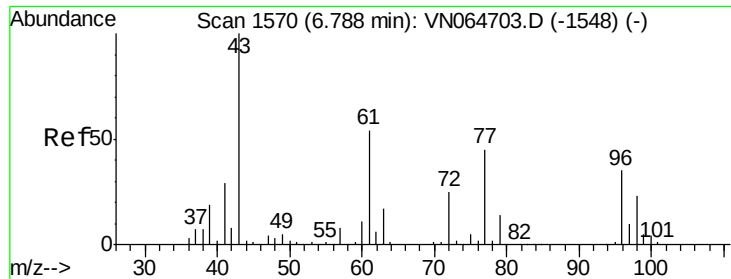
20000

10000

0

Time-->





#25

2-Butanone

Concen: 97.594 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

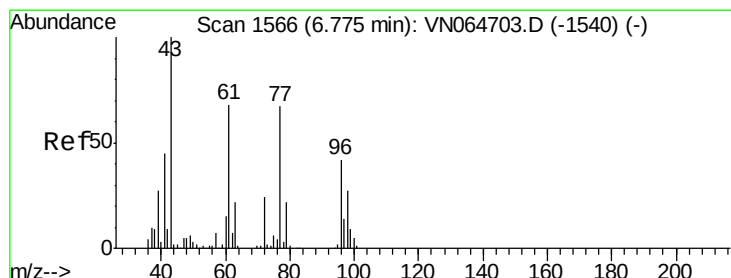
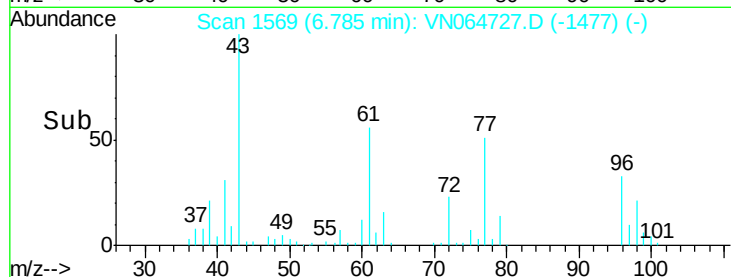
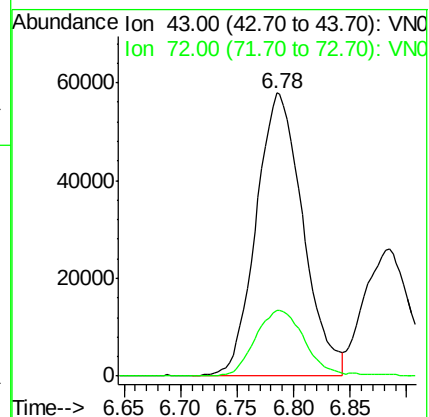
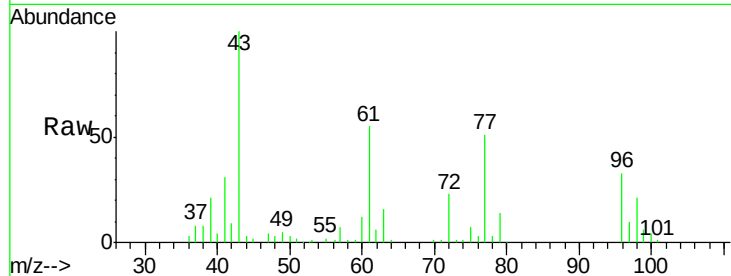
VN1119WBSD01

Tot Ion: 43 Resp: 166241

Ion Ratio Lower Upper

43 100

72 23.4 19.7 29.5



#26

2,2-Dichloropropane

Concen: 18.195 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064727.D

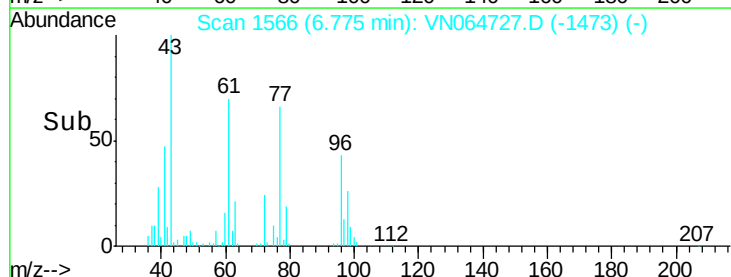
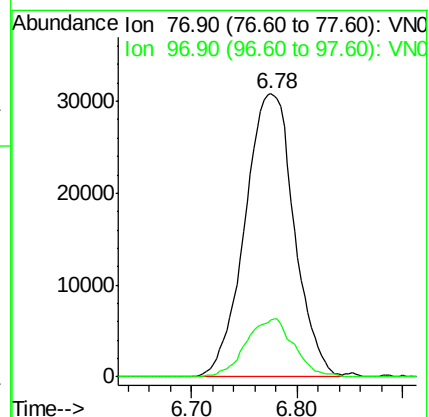
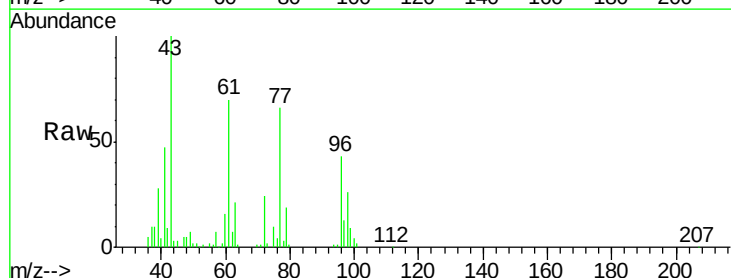
Acq: 19 Nov 2020 12:49

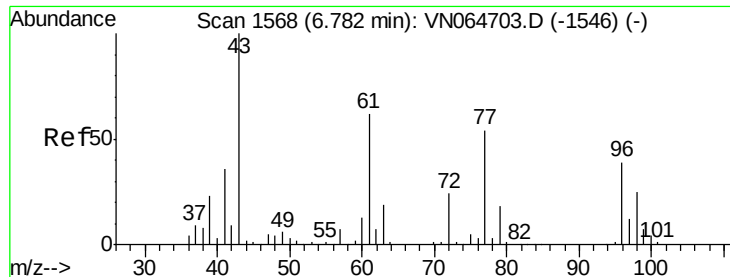
Tgt Ion: 77 Resp: 100017

Ion Ratio Lower Upper

77 100

97 20.0 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 17.907 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

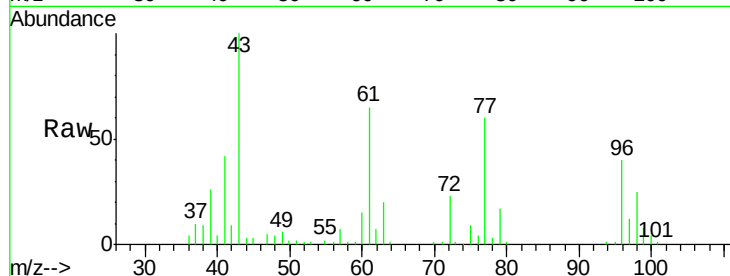
Tot Ion: 96 Resp: 59983

Ion Ratio Lower Upper

96 100

61 164.1 0.0 322.6

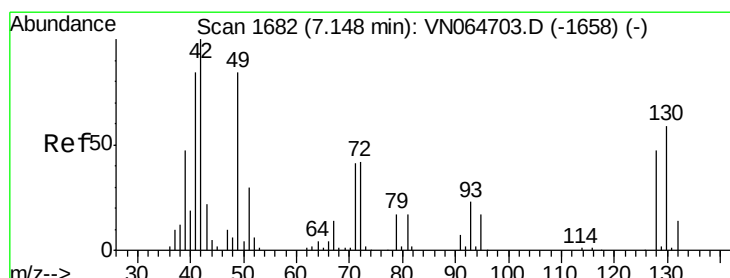
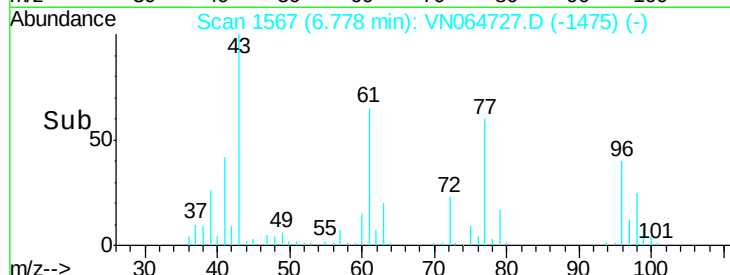
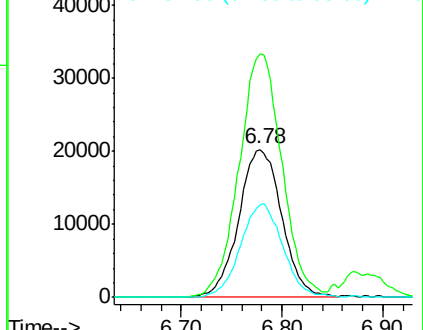
98 61.9 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN064727.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN064727.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN064727.D (-1475) (-)



#28

Bromochloromethane

Concen: 17.616 ug/l

RT: 7.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

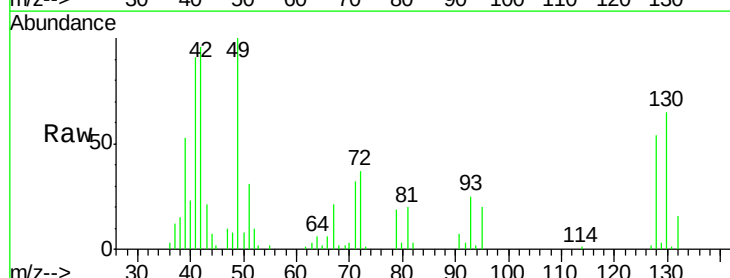
Tgt Ion: 49 Resp: 51382

Ion Ratio Lower Upper

49 100

129 1.3 0.0 3.8

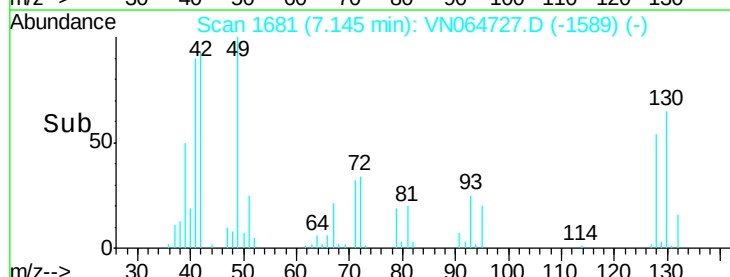
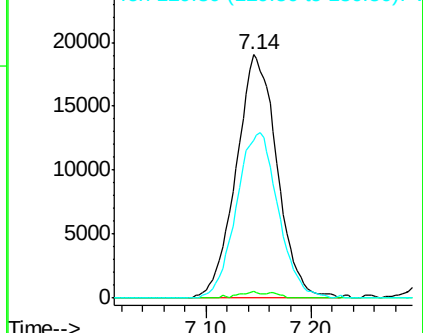
130 69.4 56.2 84.4

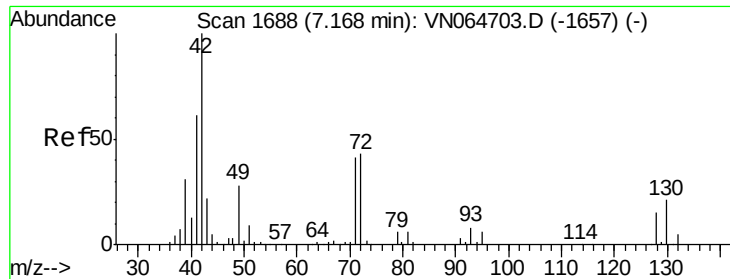


Abundance Ion 48.90 (48.60 to 49.60): VN064727.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064727.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064727.D (-1589) (-)





#29

Tetrahydrofuran

Concen: 95.557 ug/l

RT: 7.17 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

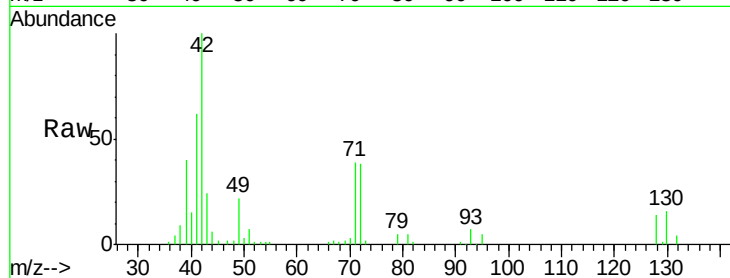
Tot Ion: 42 Resp: 109979

Ion Ratio Lower Upper

42 100

72 39.0 33.0 49.4

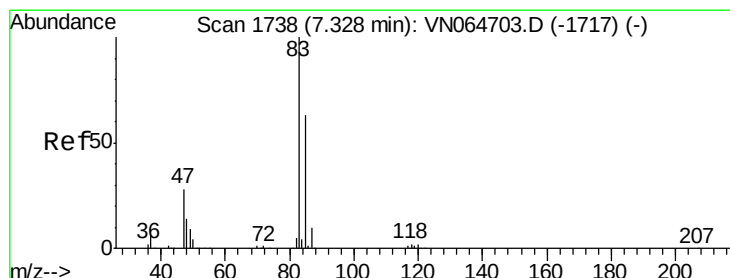
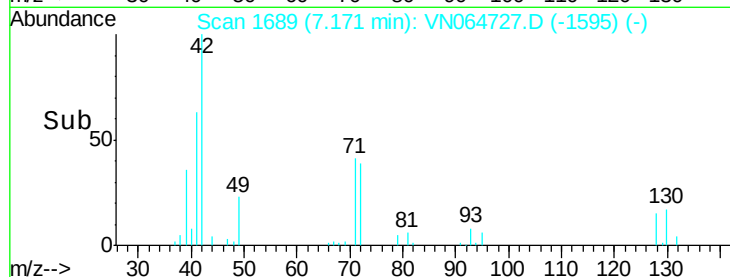
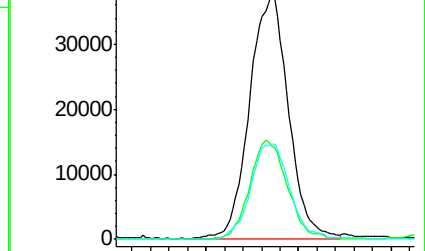
71 38.8 31.8 47.6



Abundance Ion 42.00 (41.70 to 42.70): VN064727.D (-1657) (-)

Ion 72.00 (71.70 to 72.70): VN064727.D (-1657) (-)

Ion 71.00 (70.70 to 71.70): VN064727.D (-1657) (-)



#30

Chloroform

Concen: 18.875 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN064727.D

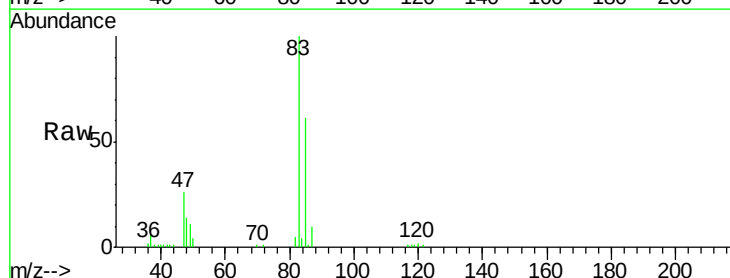
Acq: 19 Nov 2020 12:49

Tgt Ion: 83 Resp: 118658

Ion Ratio Lower Upper

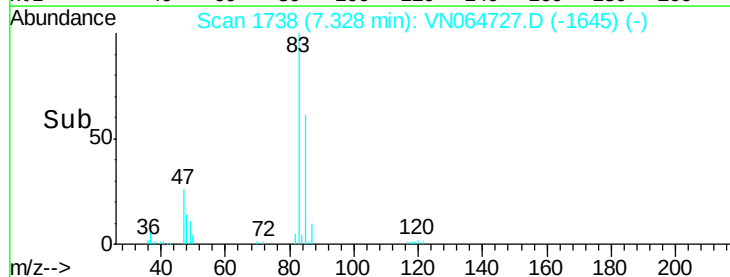
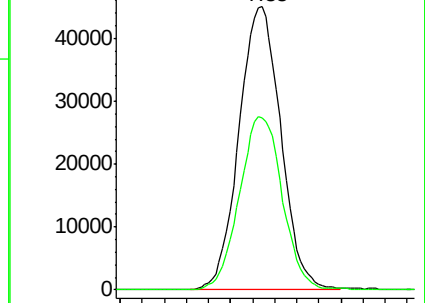
83 100

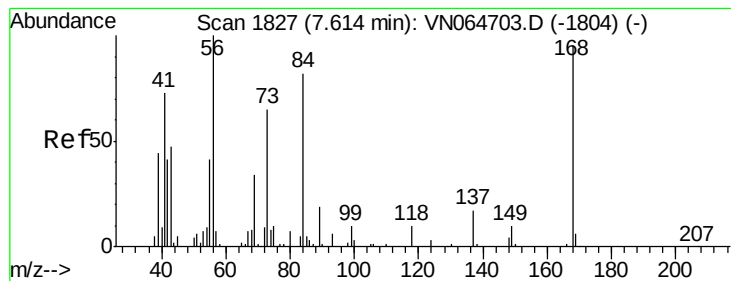
85 60.6 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN064727.D (-1645) (-)

Ion 84.90 (84.60 to 85.60): VN064727.D (-1645) (-)





#31

Cyclohexane

Concen: 17.534 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

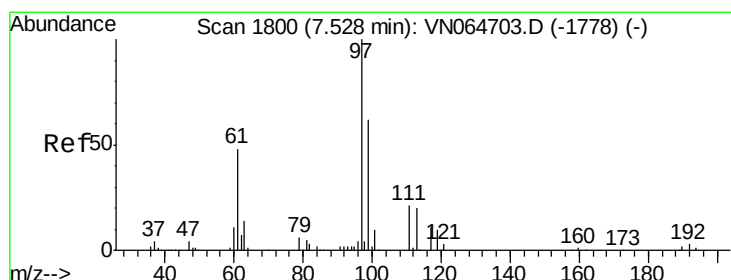
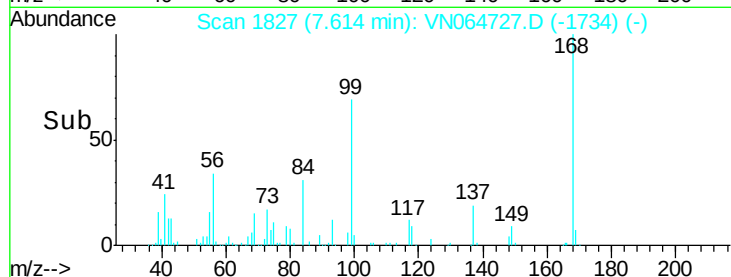
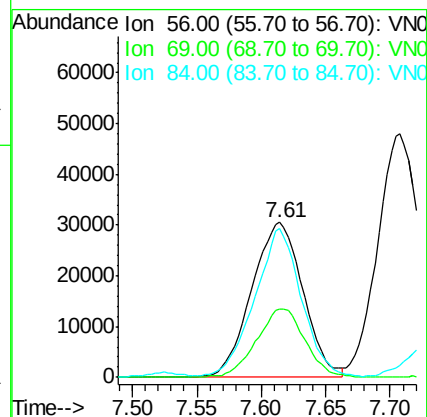
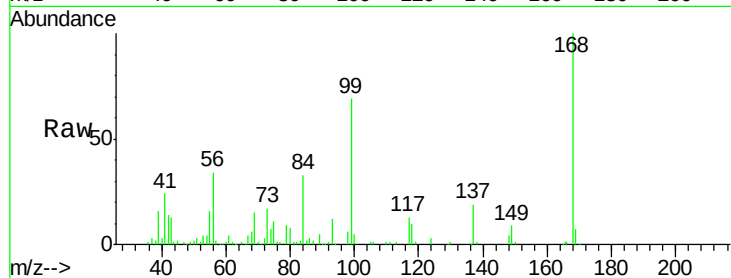
Tot Ion: 56 Resp: 84459

Ion Ratio Lower Upper

56 100

69 44.3 27.2 40.8#

84 95.1 65.9 98.9



#32

1,1,1-Trichloroethane

Concen: 18.033 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

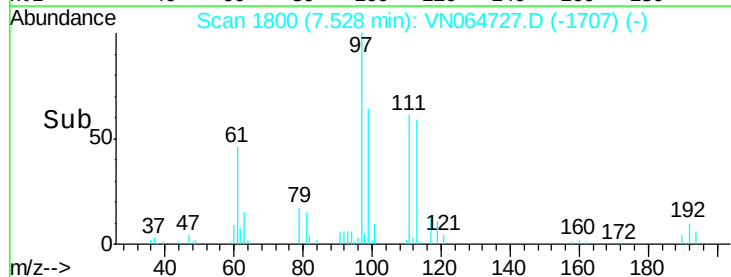
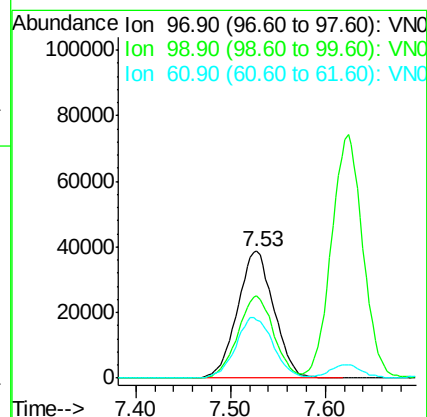
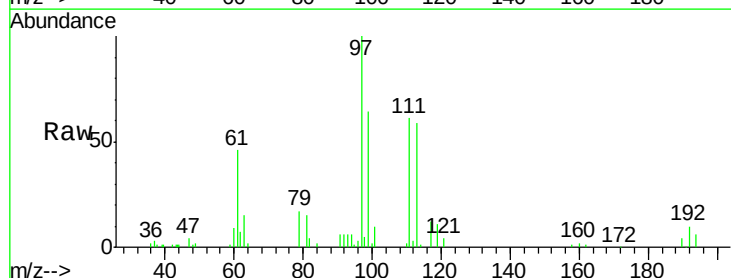
Tgt Ion: 97 Resp: 103614

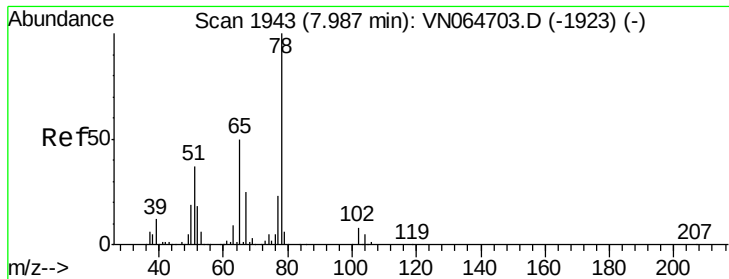
Ion Ratio Lower Upper

97 100

99 63.4 50.6 76.0

61 48.6 38.3 57.5

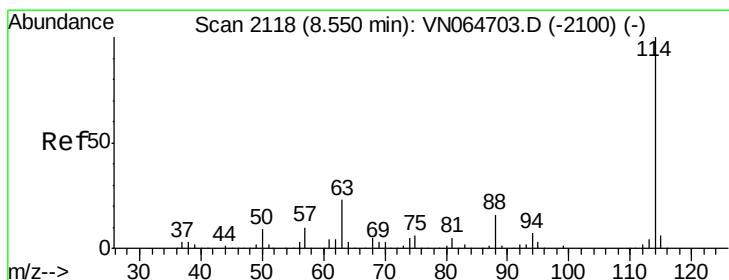
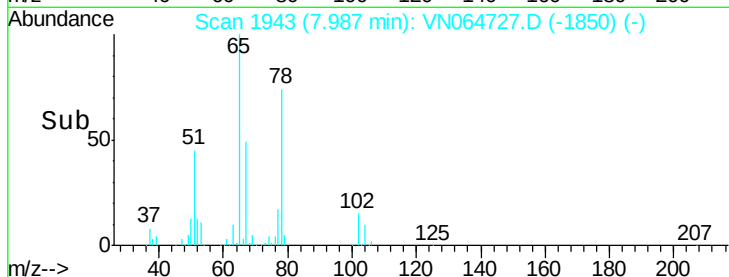
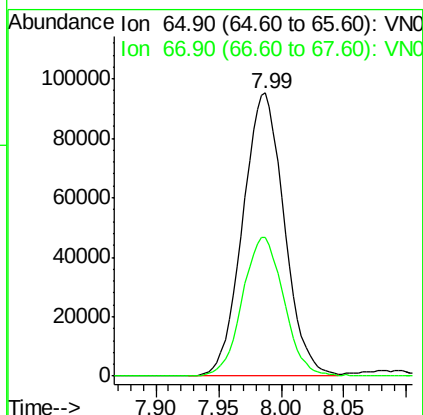
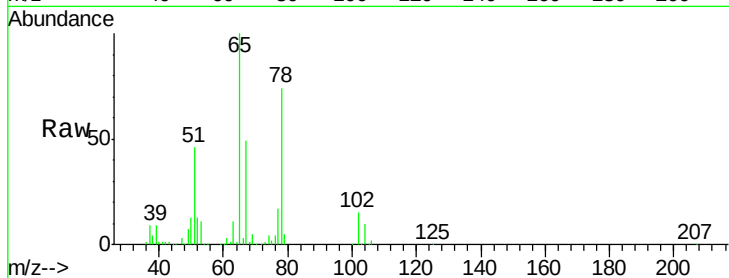




#33
 1,2-Dichloroethane-d4
 Concen: 49.225 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

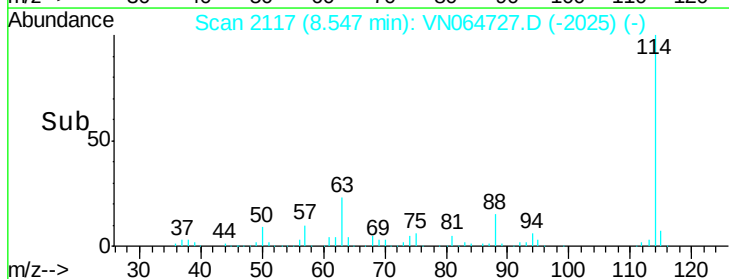
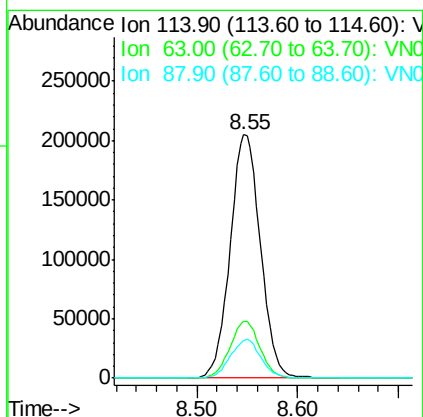
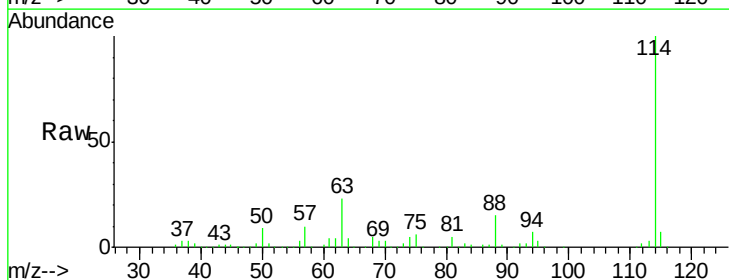
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

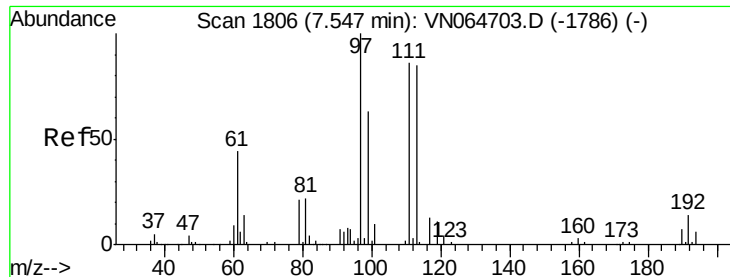
Tot Ion: 65 Resp: 219314
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Tgt Ion: 114 Resp: 428213
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 46.0
 88 15.3 0.0 31.2

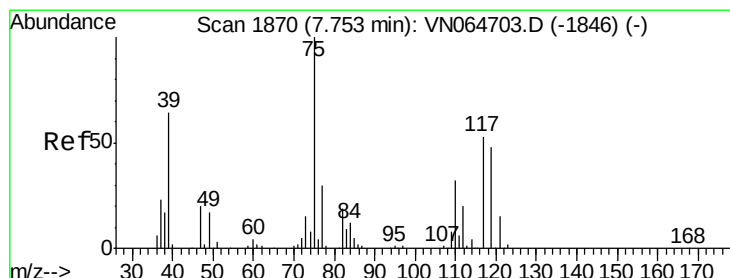
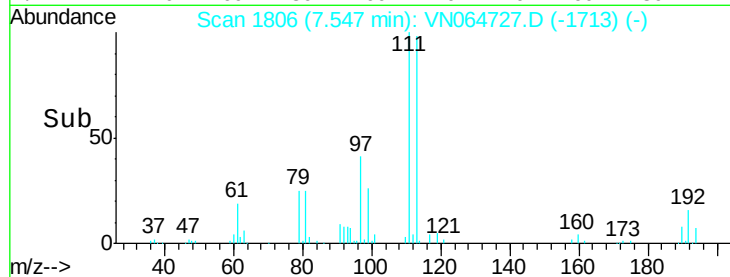
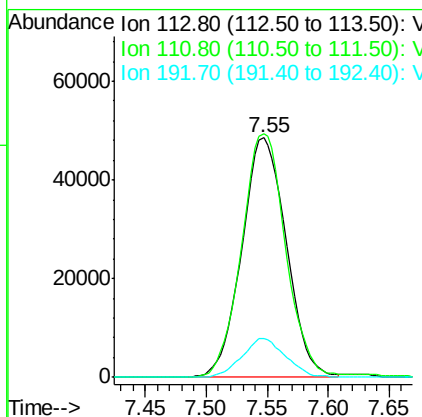
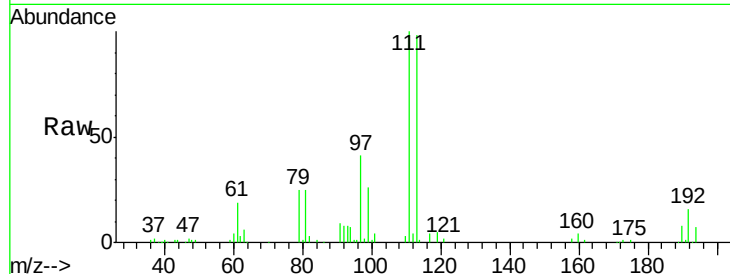




#35
 Dibromofluoromethane
 Concen: 50.282 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

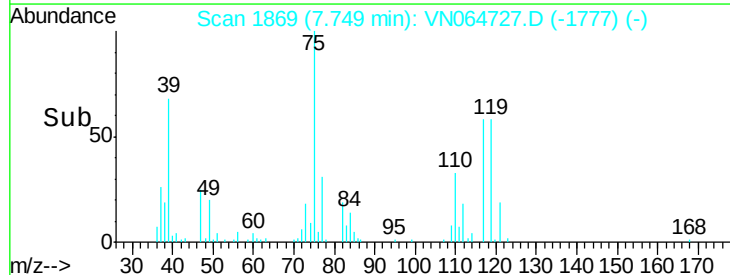
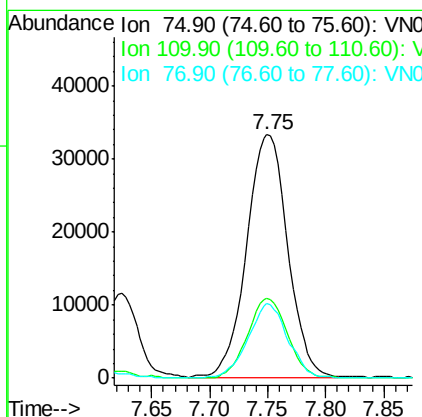
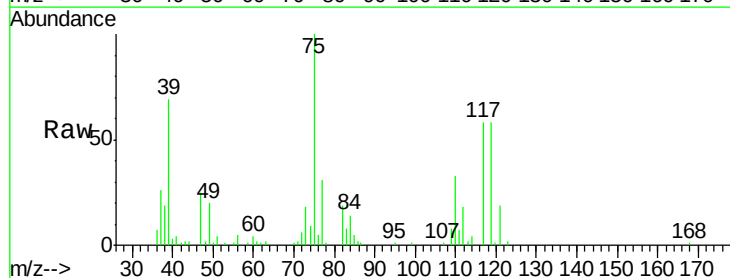
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

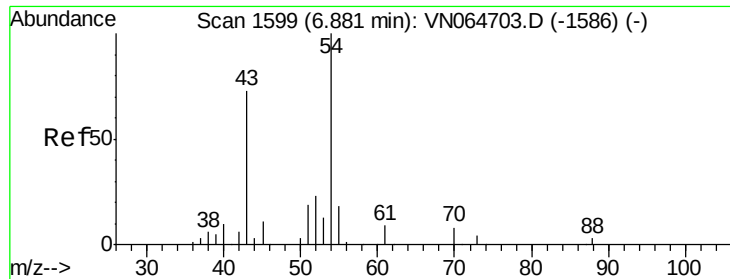
Tot Ion:113 Resp: 122550
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.2 123.4
 192 15.9 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 18.754 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Tgt Ion: 75 Resp: 82620
 Ion Ratio Lower Upper
 75 100
 110 31.7 16.2 48.6
 77 29.4 24.4 36.6

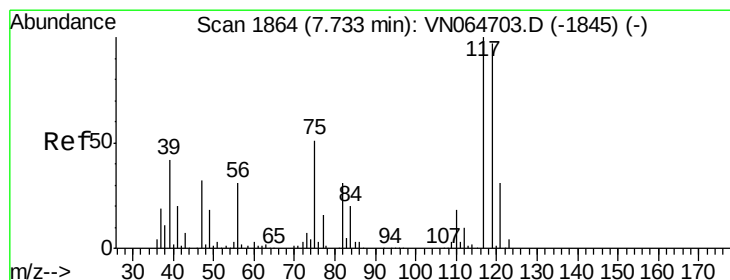
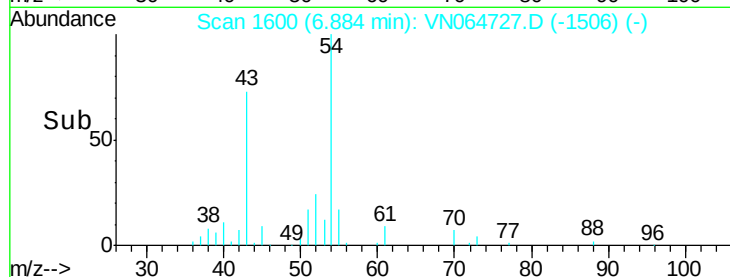
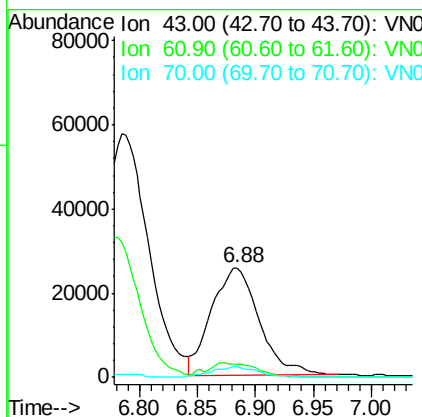
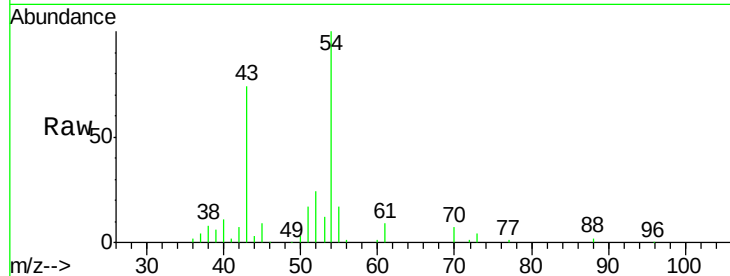




#37
Ethyl Acetate
Concen: 19.935 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

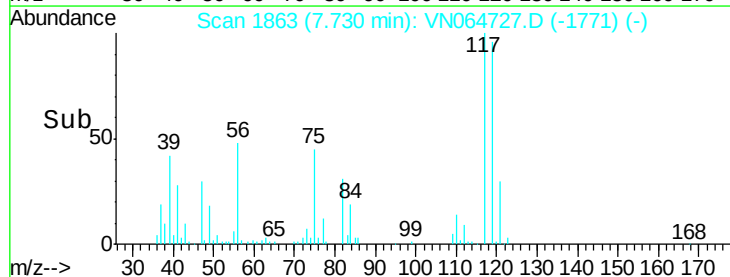
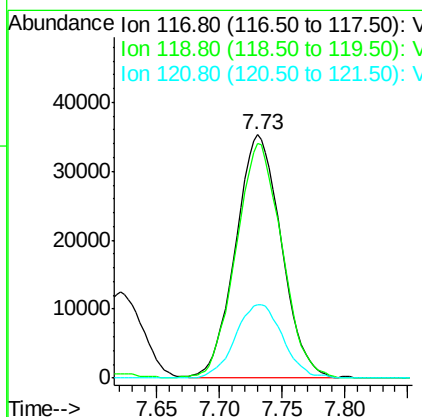
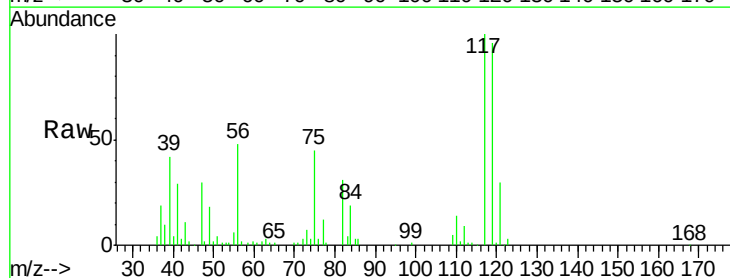
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

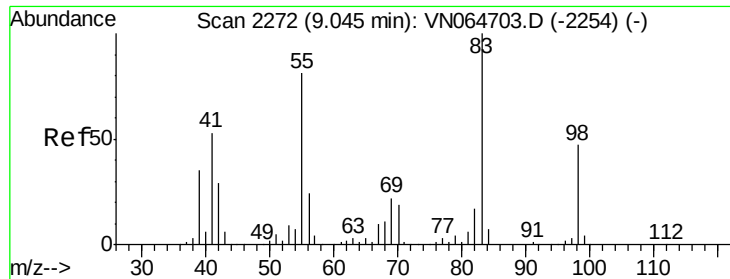
Tot Ion: 43 Resp: 73537
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 9.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.116 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion: 117 Resp: 89502
Ion Ratio Lower Upper
117 100
119 96.3 77.8 116.6
121 30.4 24.9 37.3

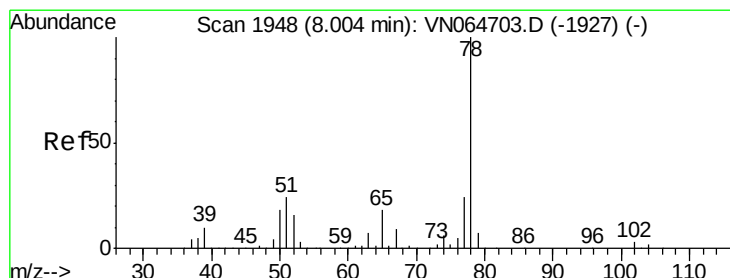
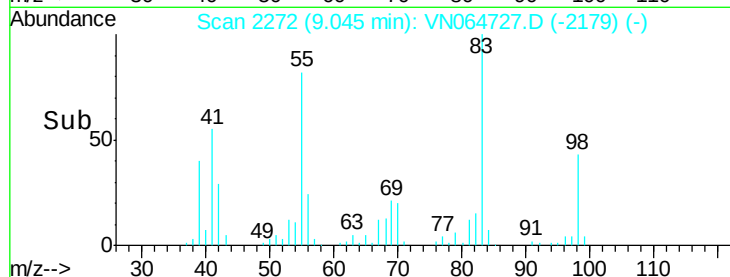
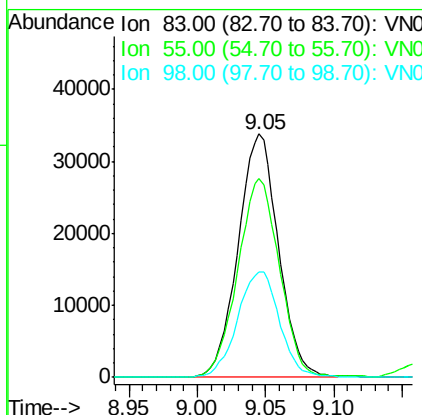
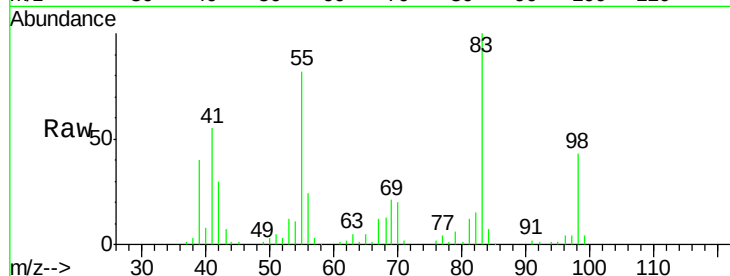




#39
Methylvlcyclohexane
Concen: 17.753 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

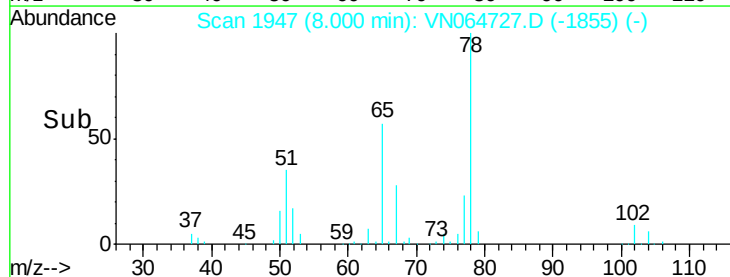
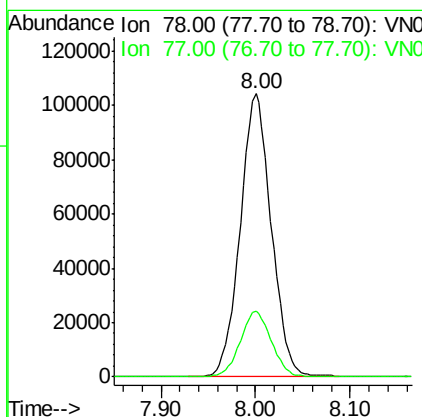
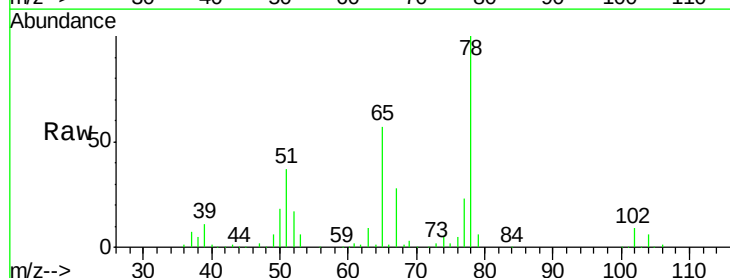
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

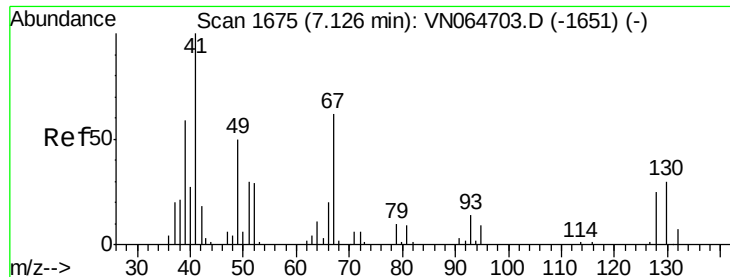
Tot Ion: 83 Resp: 69297
Ion Ratio Lower Upper
83 100
55 81.7 64.6 97.0
98 43.4 37.7 56.5



#40
Benzene
Concen: 19.364 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion: 78 Resp: 237690
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8

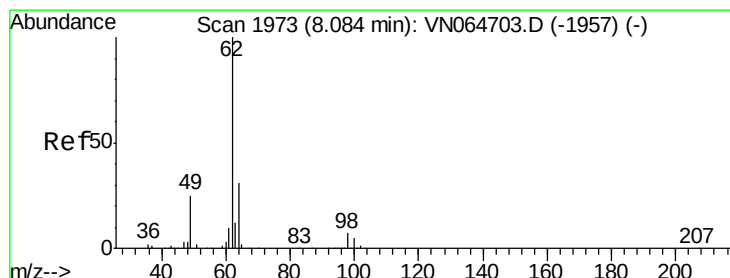
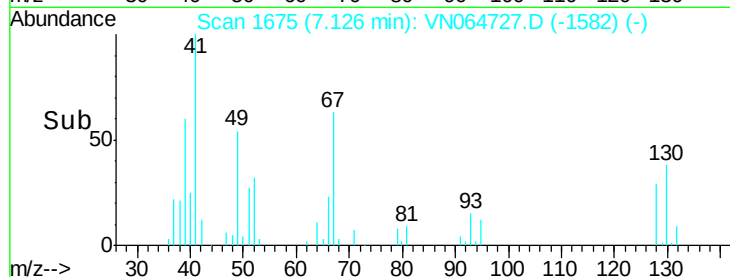
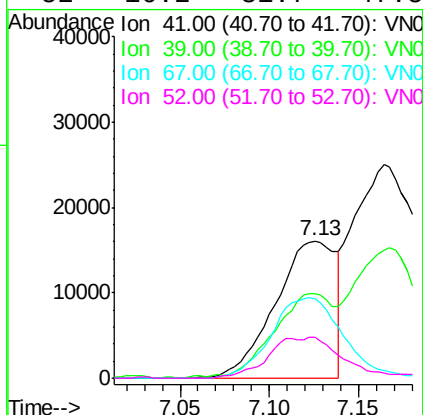
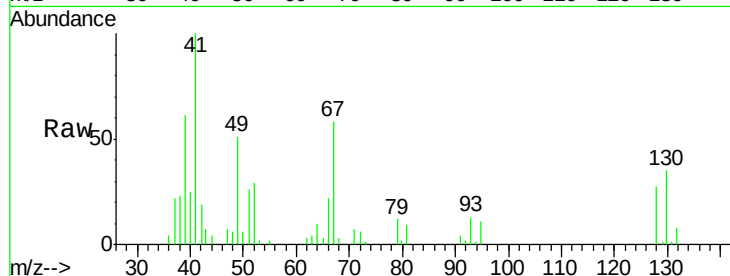




#41
Methacrylonitrile
Concen: 22.490 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

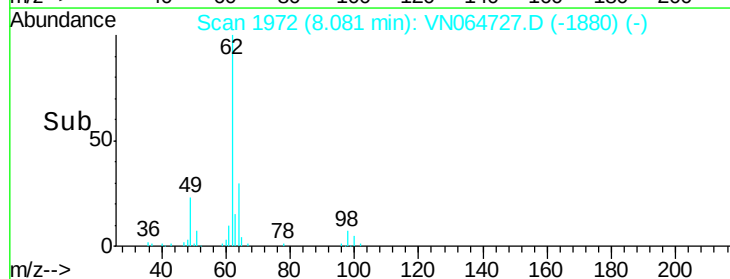
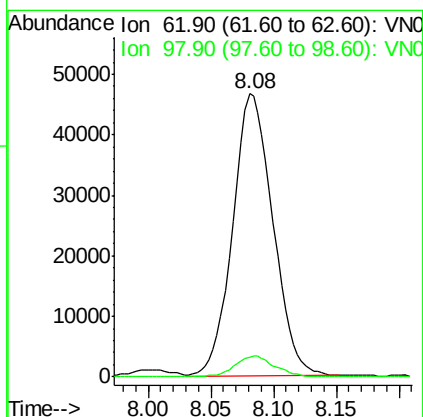
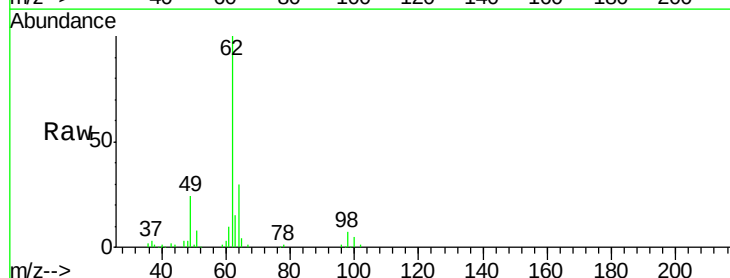
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

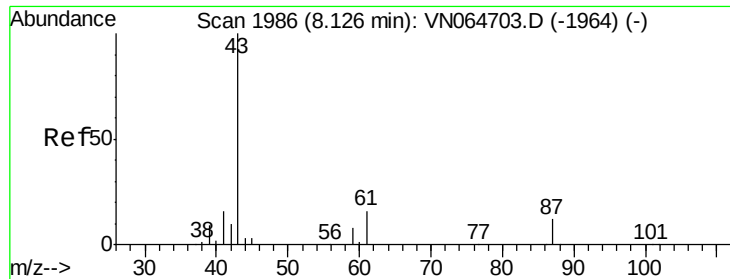
Tot Ion: 41 Resp: 38026
Ion Ratio Lower Upper
41 100
39 59.1 46.0 69.0
67 69.4 67.0 100.4
52 16.2 31.7 47.5#



#42
1,2-Dichloroethane
Concen: 19.724 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion: 62 Resp: 104173
Ion Ratio Lower Upper
62 100
98 7.2 0.0 13.6





#43

Isopropyl Acetate

Concen: 17.813 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

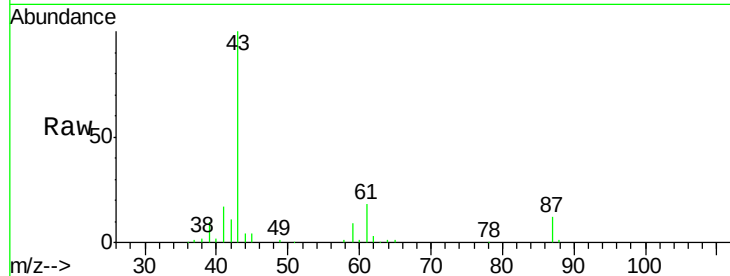
Tot Ion: 43 Resp: 127364

Ion Ratio Lower Upper

43 100

61 19.1 14.1 21.1

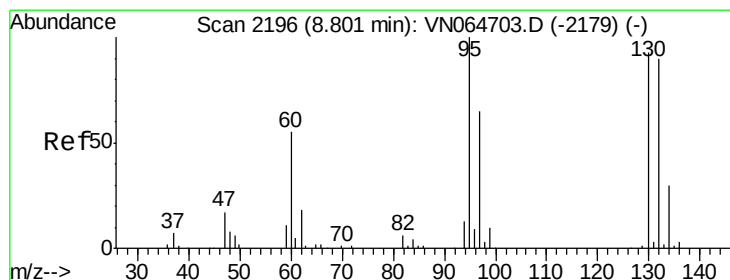
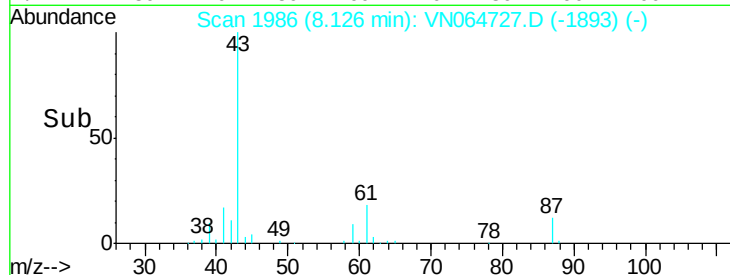
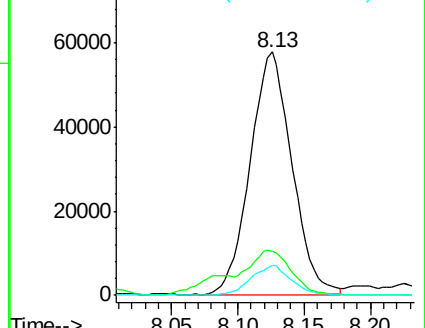
87 11.8 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064727.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN064727.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN064727.D (-1893) (-)



#44

Trichloroethene

Concen: 19.065 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064727.D

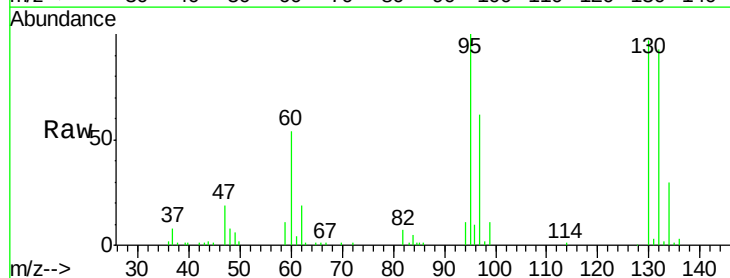
Acq: 19 Nov 2020 12:49

Tgt Ion:130 Resp: 67163

Ion Ratio Lower Upper

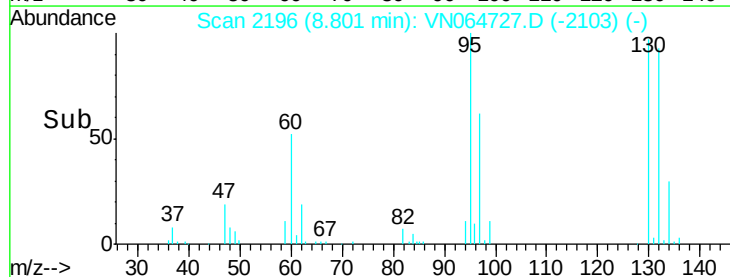
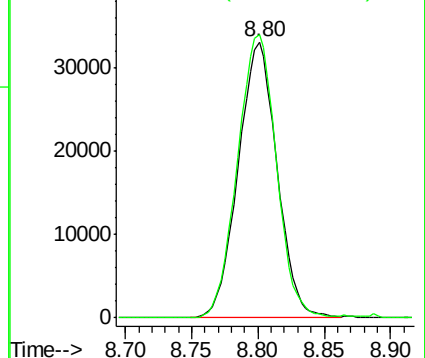
130 100

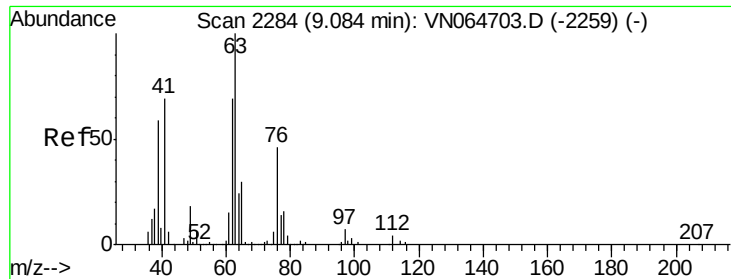
95 102.6 0.0 214.2



Abundance Ion 129.80 (129.50 to 130.50): VN064727.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064727.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 19.196 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

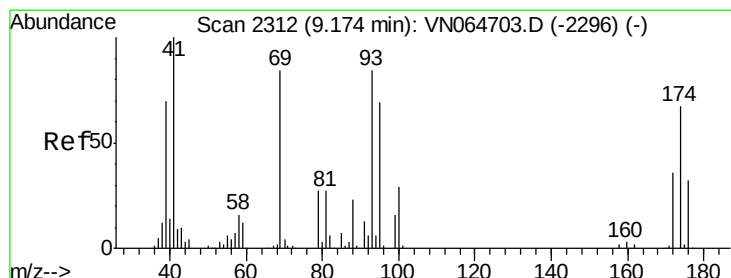
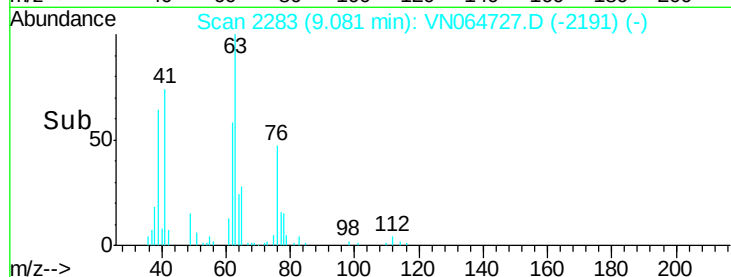
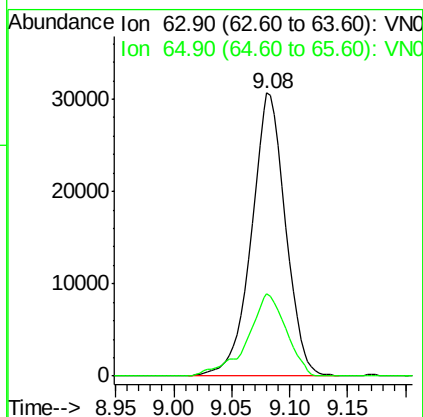
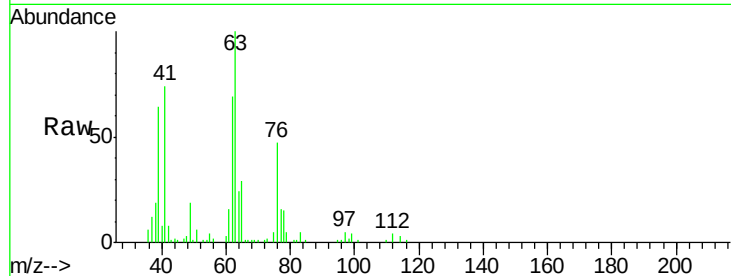
VN1119WBSD01

Tot Ion: 63 Resp: 62810

Ion Ratio Lower Upper

63 100

65 29.2 24.0 36.0



#46

Dibromomethane

Concen: 19.857 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

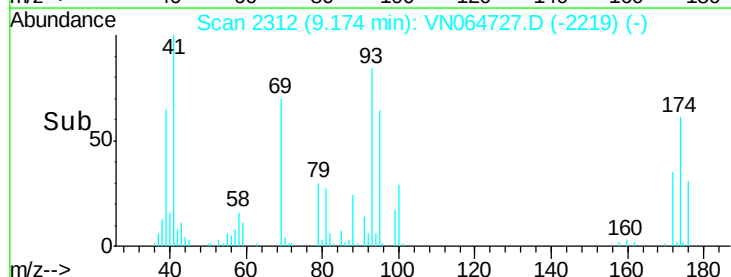
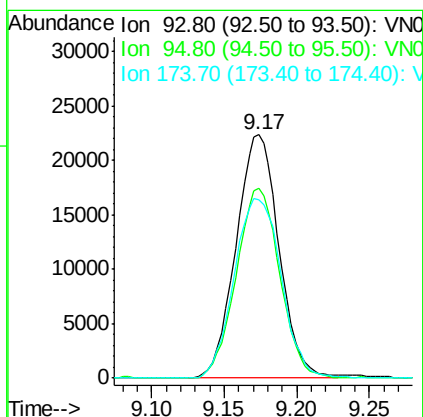
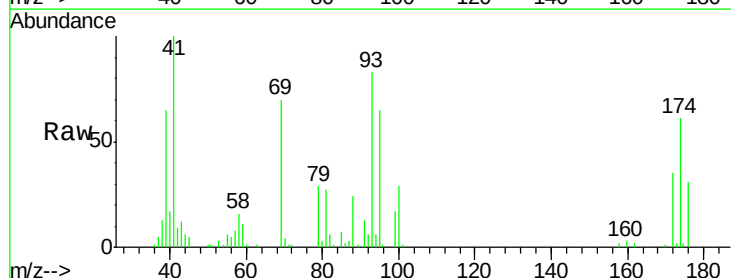
Tgt Ion: 93 Resp: 46054

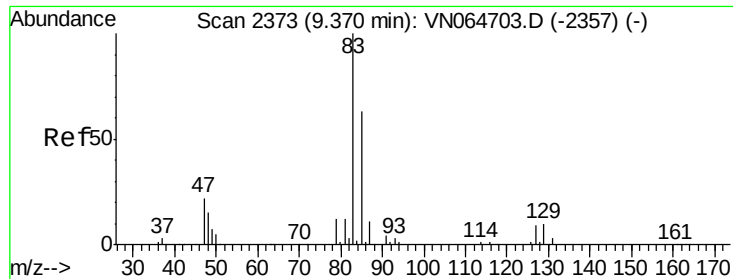
Ion Ratio Lower Upper

93 100

95 78.9 64.6 97.0

174 80.9 64.3 96.5





#47

Bromodichloromethane

Concen: 19.267 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

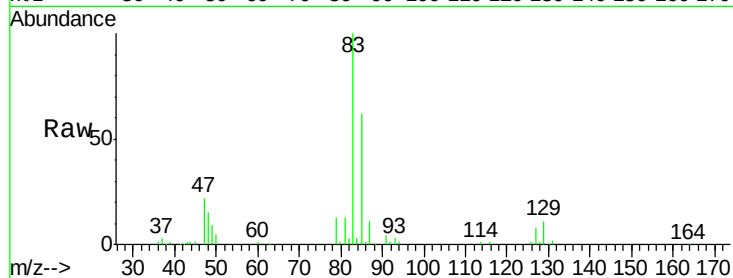
Tot Ion: 83 Resp: 93945

Ion Ratio Lower Upper

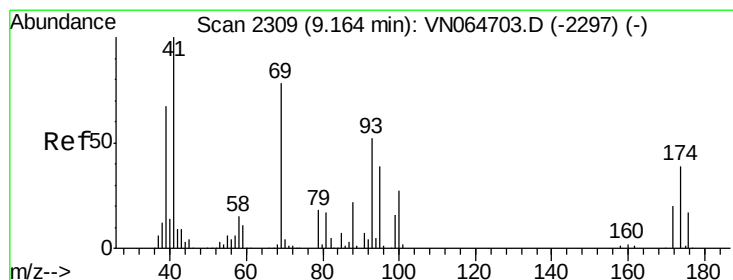
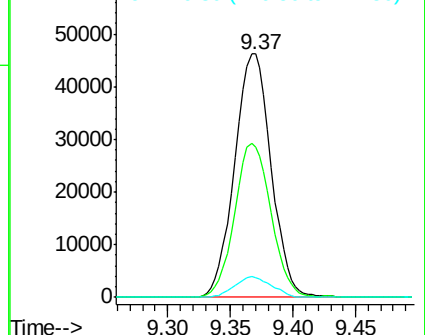
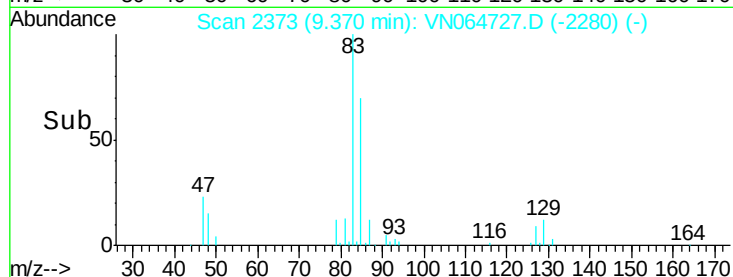
83 100

85 61.9 50.8 76.2

127 8.1 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN064727.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.108 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

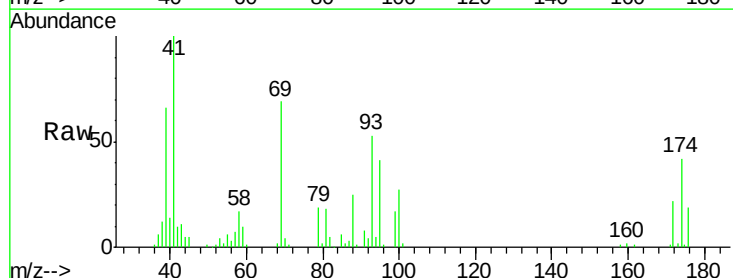
Tgt Ion: 41 Resp: 64465

Ion Ratio Lower Upper

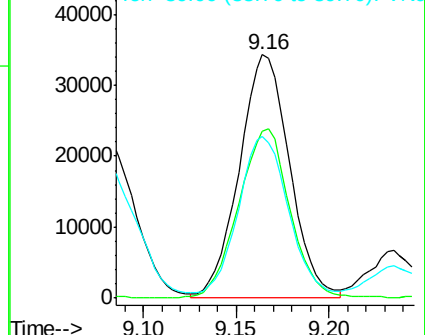
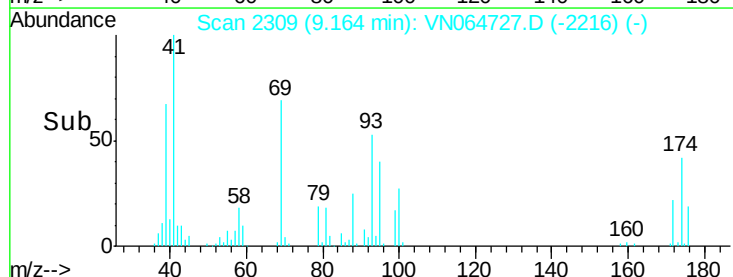
41 100

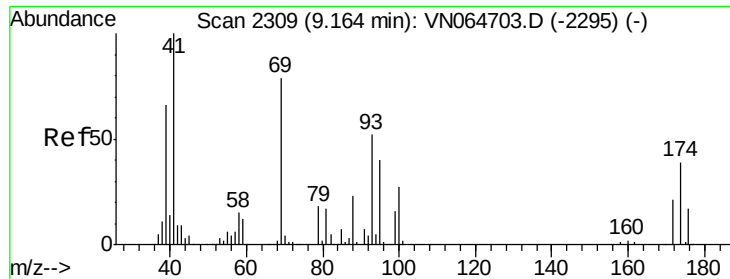
69 71.4 62.3 93.5

39 66.2 55.1 82.7



Abundance Ion 41.00 (40.70 to 41.70): VN064727.D (-2216) (-)





#49

1,4-Dioxane

Concen: 390.301 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampled :

VN1119WBSD01

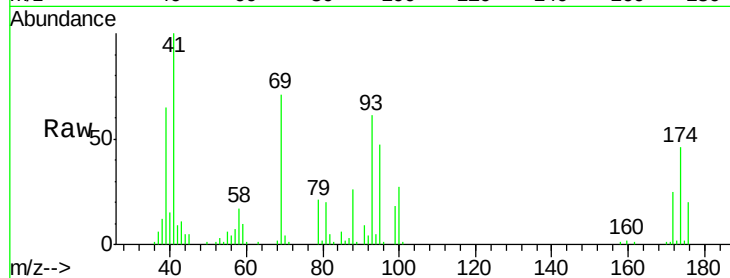
Tot Ion: 88 Resp: 16428

Ion Ratio Lower Upper

88 100

43 42.2 31.3 46.9

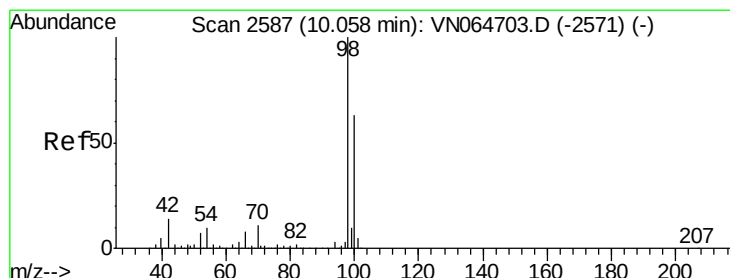
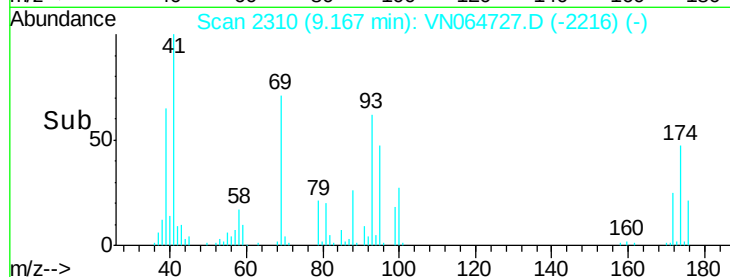
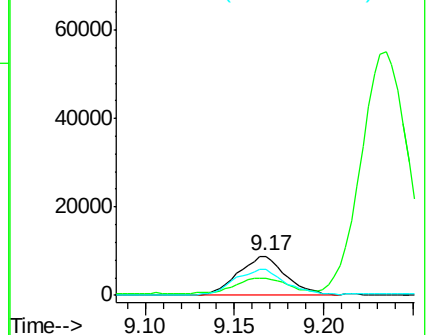
58 71.9 55.7 83.5



Abundance Ion 88.00 (87.70 to 88.70): VN064727.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN064727.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN064727.D (-2295) (-)



#50

Toluene-d8

Concen: 49.440 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064727.D

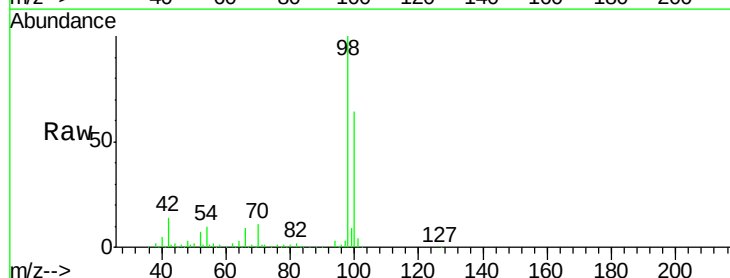
Acq: 19 Nov 2020 12:49

Tgt Ion: 98 Resp: 547648

Ion Ratio Lower Upper

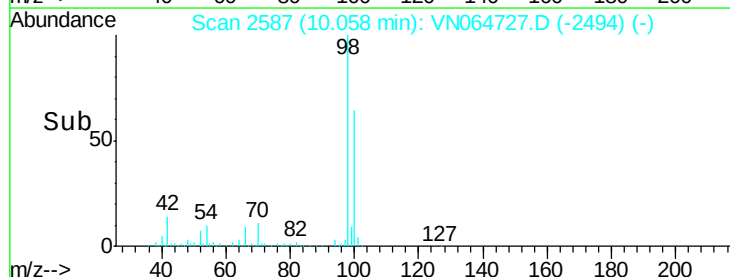
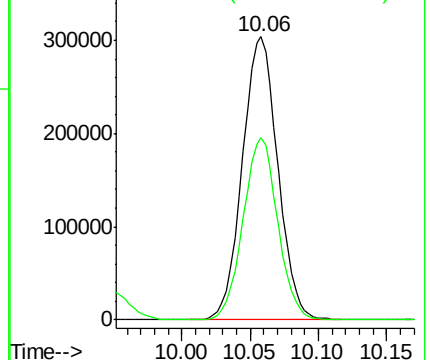
98 100

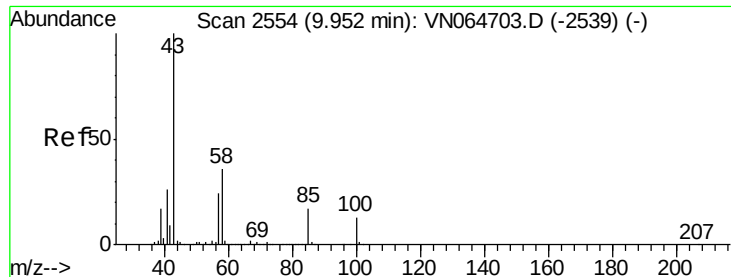
100 62.8 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN064727.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN064727.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 94.530 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

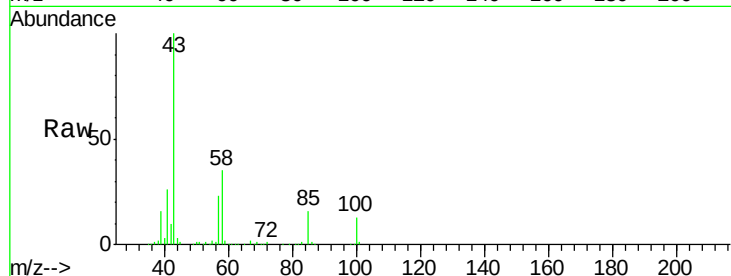
VN1119WBSD01

Tot Ion: 43 Resp: 391146

Ion Ratio Lower Upper

43 100

58 35.0 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN064703.D (-2539) (-)

Ion 58.00 (57.70 to 58.70): VN064703.D (-2539) (-)

9.95

250000

200000

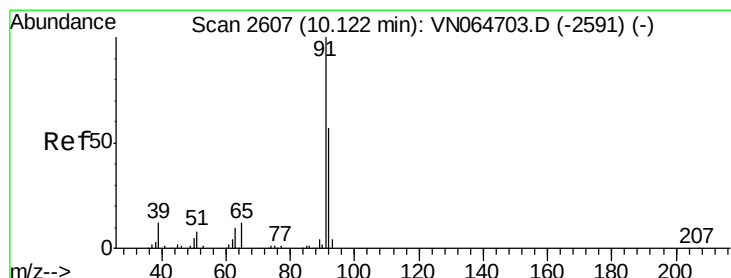
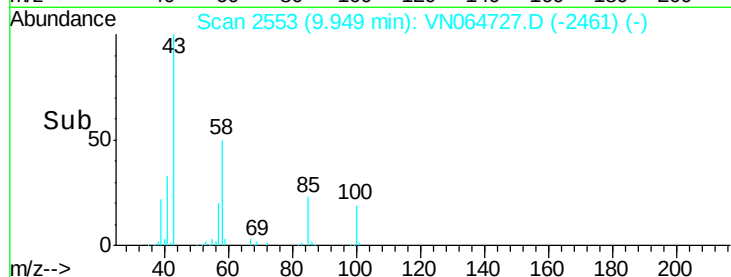
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.434 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064727.D

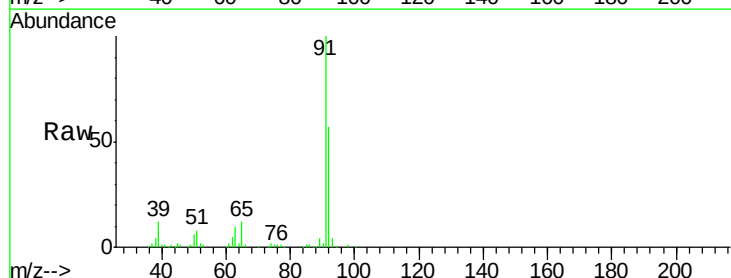
Acq: 19 Nov 2020 12:49

Tgt Ion: 92 Resp: 146921

Ion Ratio Lower Upper

92 100

91 176.0 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN064703.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN064703.D (-2591) (-)

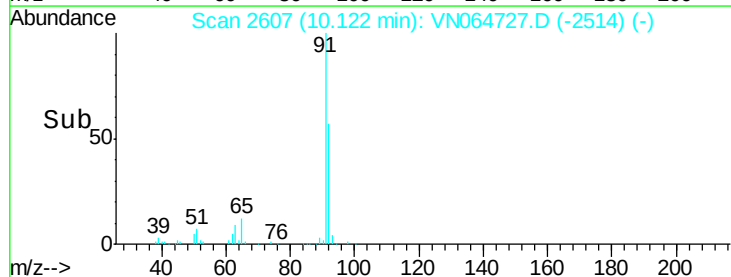
150000

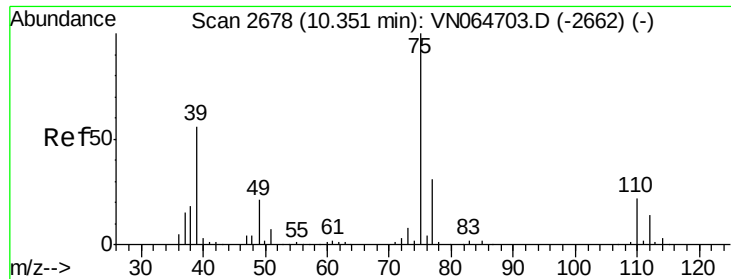
100000

50000

0

Time-->

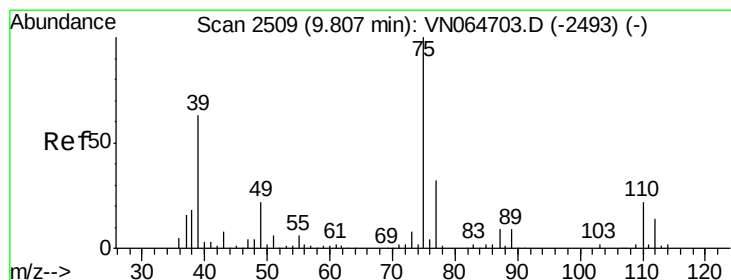
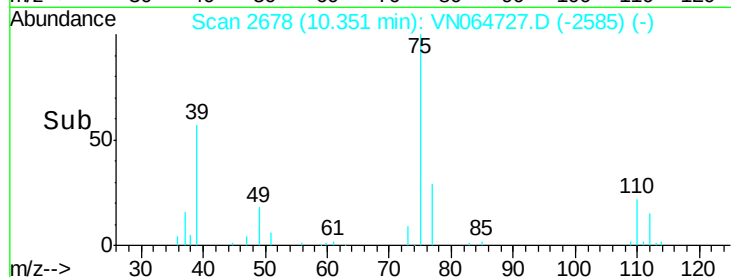
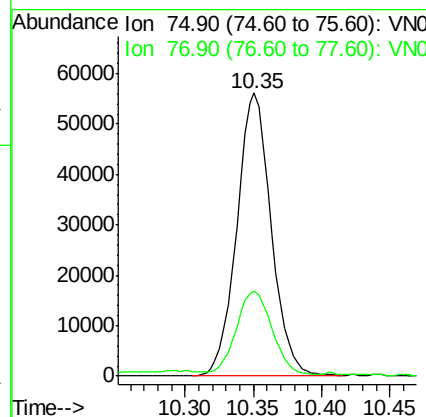
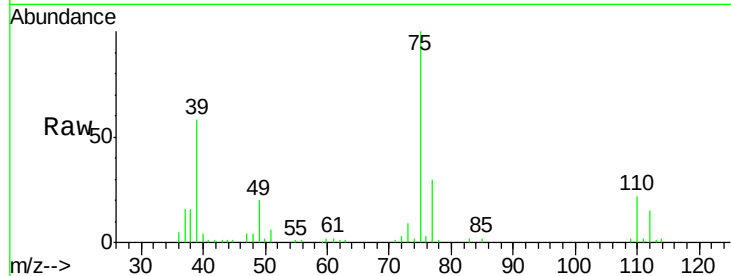




#53
t-1,3-Dichloropropene
Concen: 18.828 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

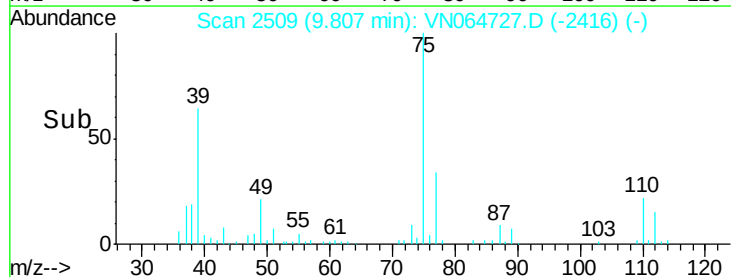
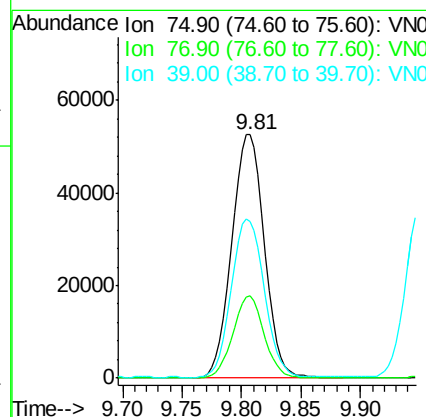
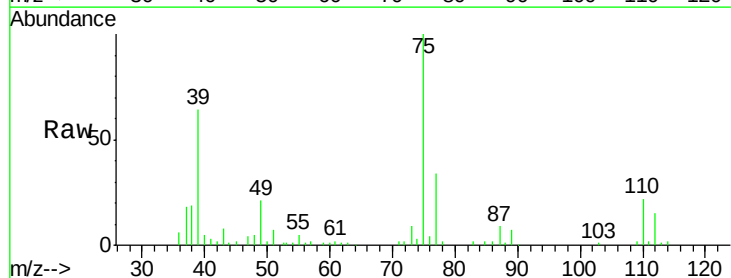
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

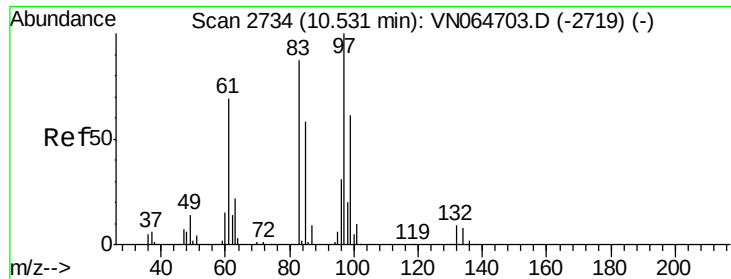
Tot Ion: 75 Resp: 98248
Ion Ratio Lower Upper
75 100
77 29.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 18.616 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion: 75 Resp: 100030
Ion Ratio Lower Upper
75 100
77 33.9 25.8 38.8
39 64.1 50.5 75.7



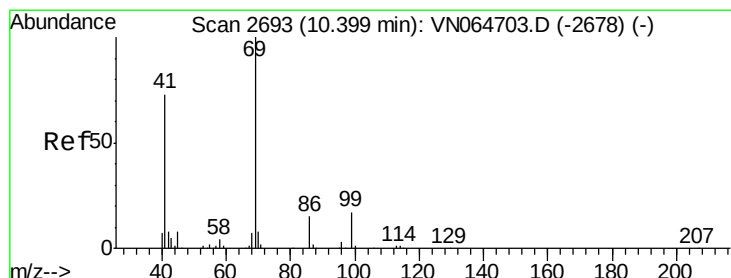
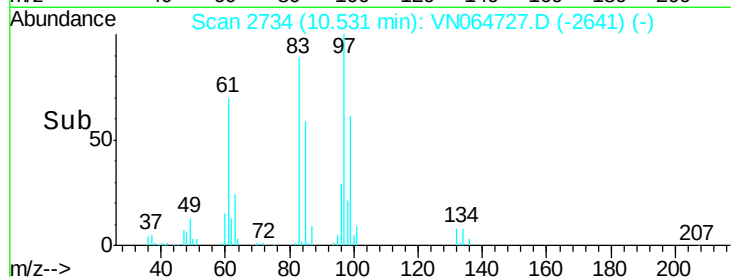
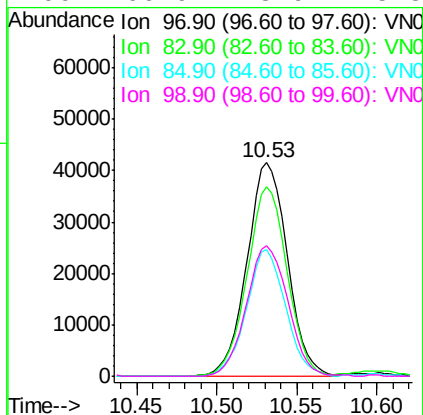
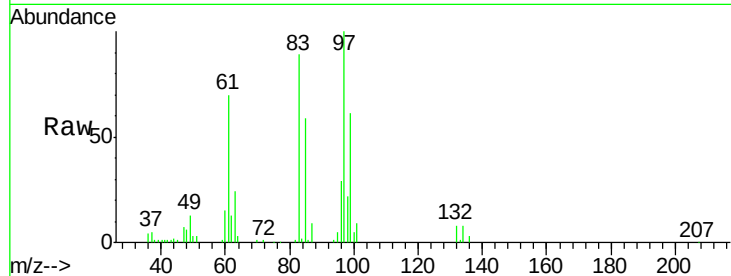


#55
 1,1,2-Trichloroethane
 Concen: 23.839 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tot Ion: 97 Resp: 72286

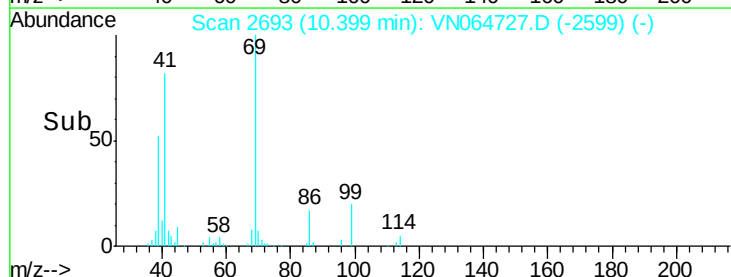
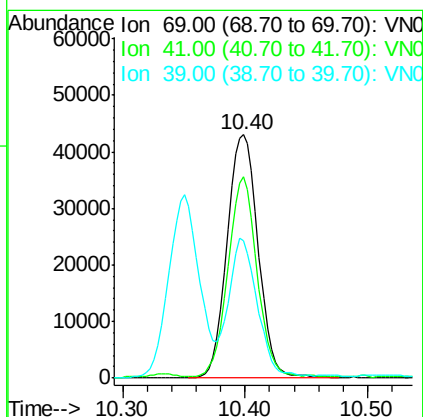
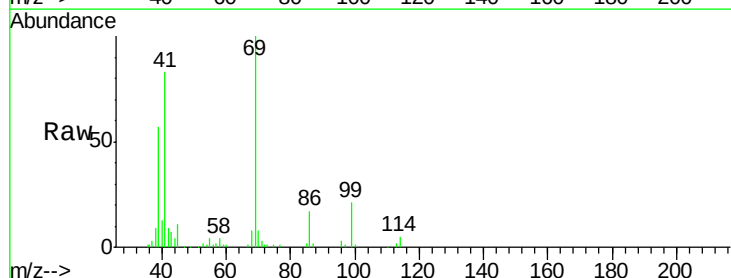
Ion	Ratio	Lower	Upper
97	100		
83	88.7	69.6	104.4
85	59.1	46.6	70.0
99	60.9	48.9	73.3

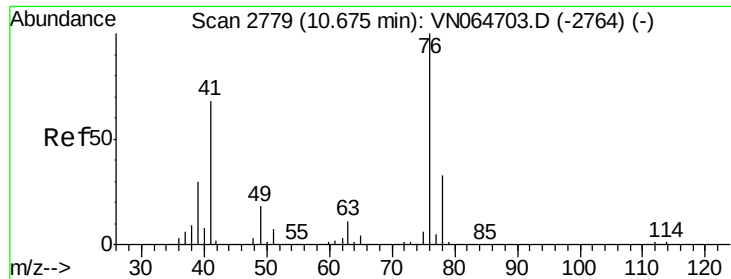


#56
 Ethyl methacrylate
 Concen: 17.265 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Tgt Ion: 69 Resp: 76726

Ion	Ratio	Lower	Upper
69	100		
41	76.0	59.0	88.4
39	51.8	38.4	57.6

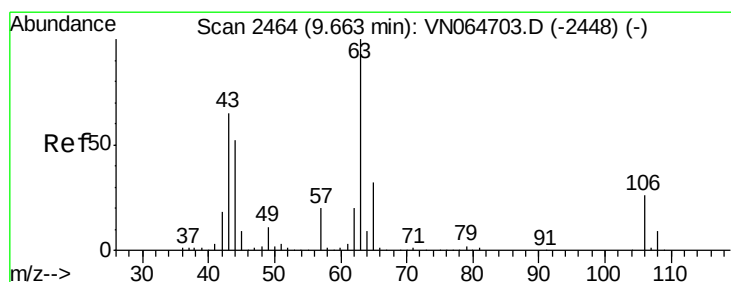
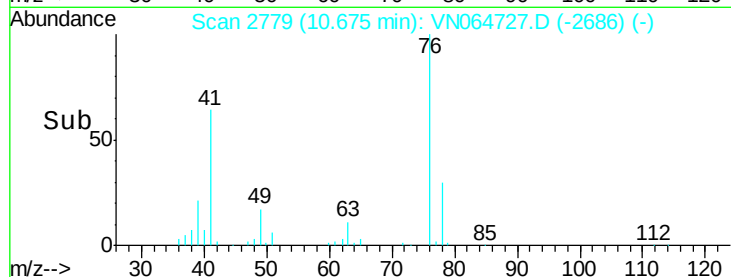
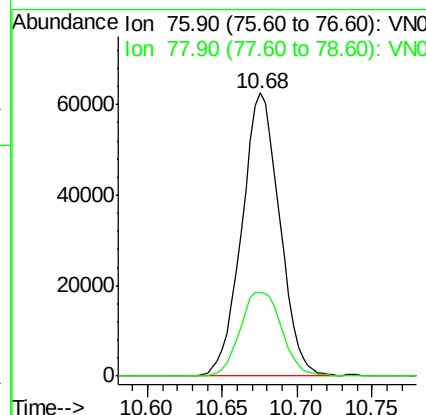
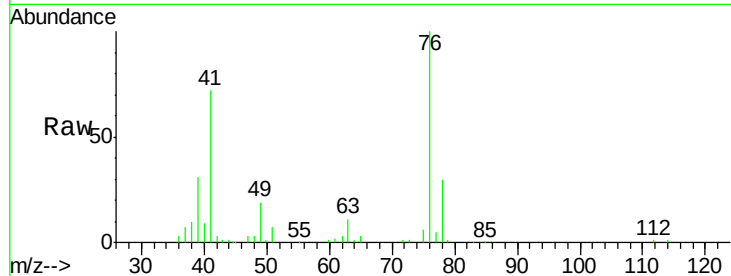




#57
 1,3-Dichloropropane
 Concen: 21.029 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

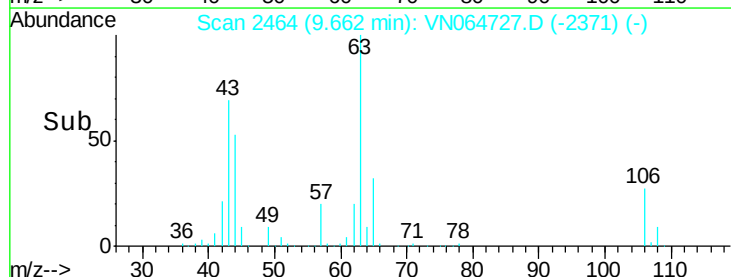
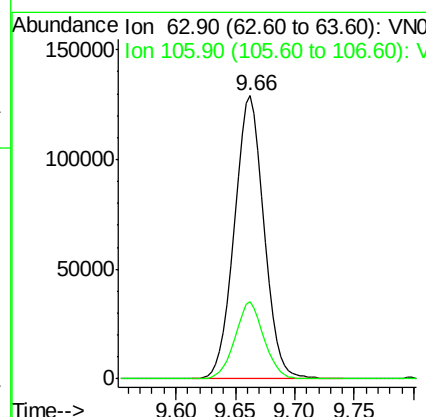
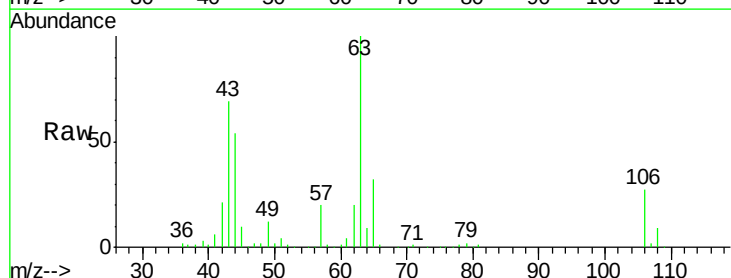
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

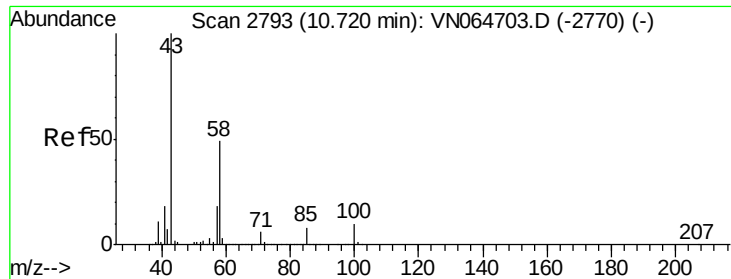
Tot Ion: 76 Resp: 110458
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.682 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Tgt Ion: 63 Resp: 222493
 Ion Ratio Lower Upper
 63 100
 106 26.6 20.9 31.3

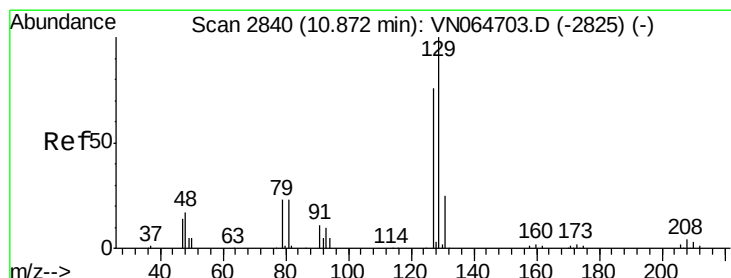
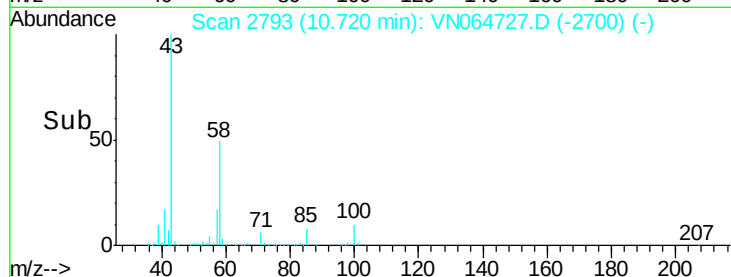
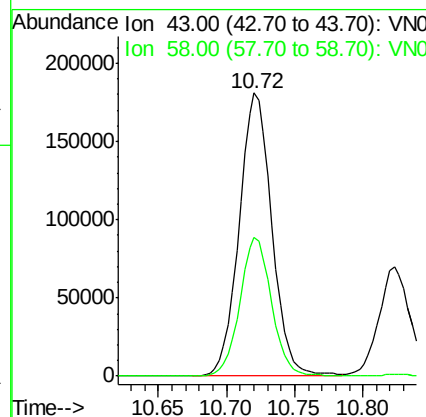
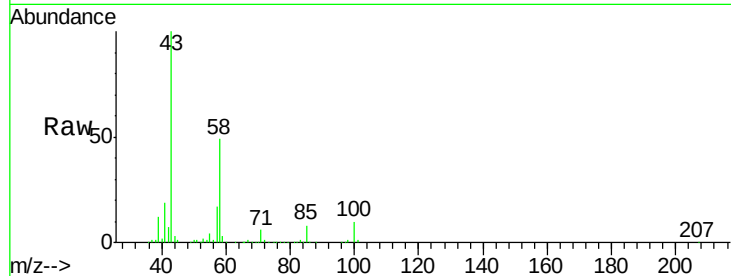




#59
2-Hexanone
Concen: 99.487 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

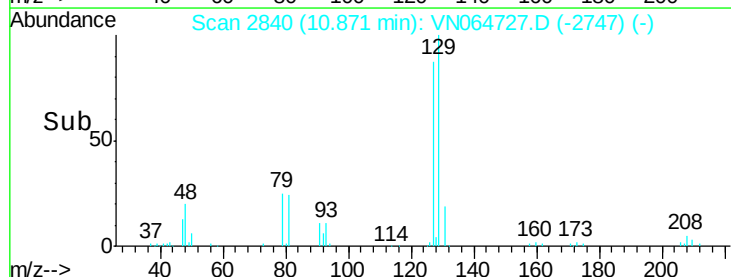
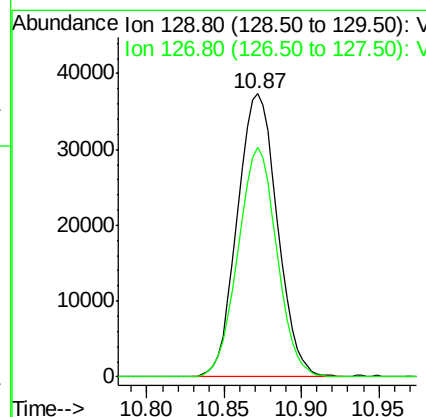
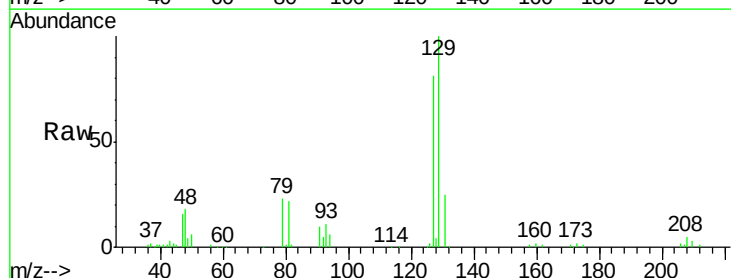
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

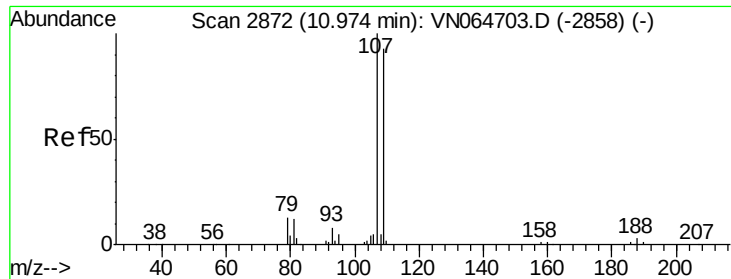
Tot Ion: 43 Resp: 298775
Ion Ratio Lower Upper
43 100
58 47.8 24.4 73.4



#60
Dibromochloromethane
Concen: 19.193 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion: 129 Resp: 67240
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4

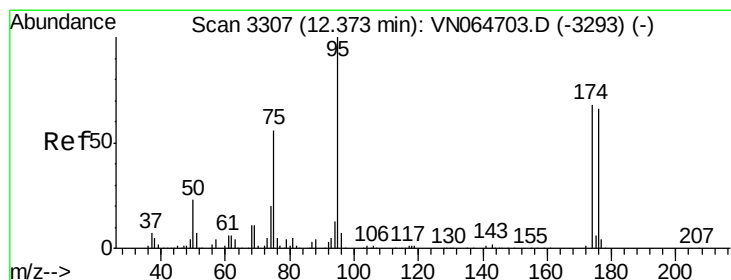
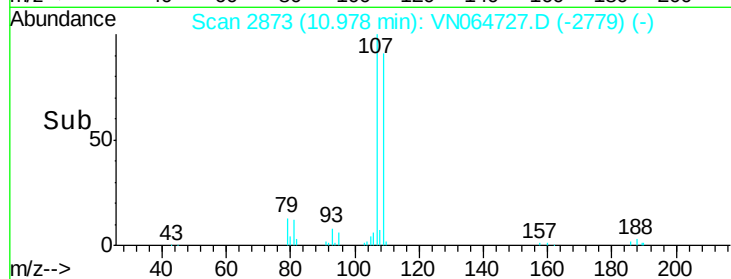
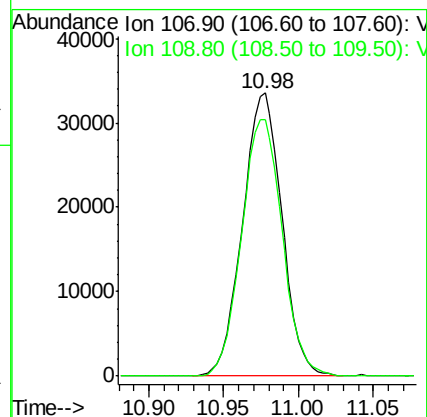
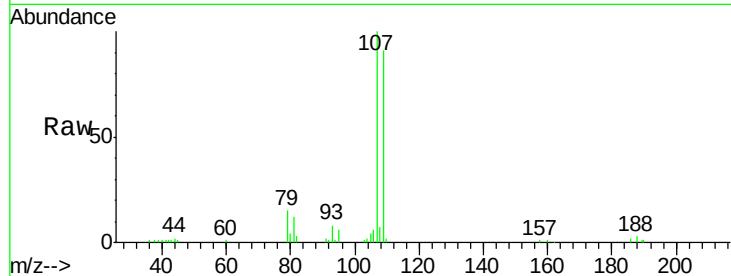




#61
 1,2-Dibromoethane
 Concen: 18.983 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

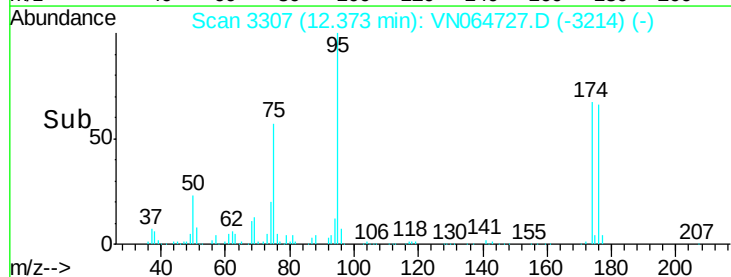
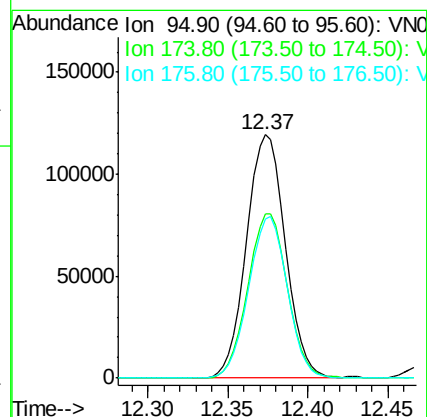
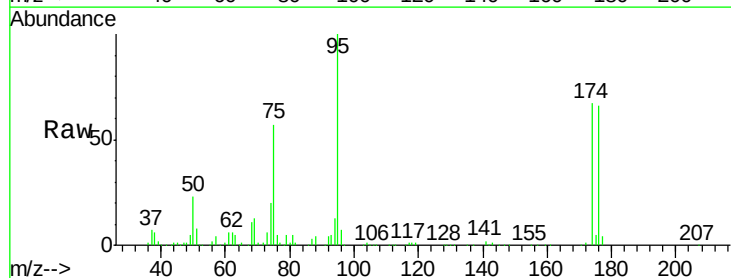
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

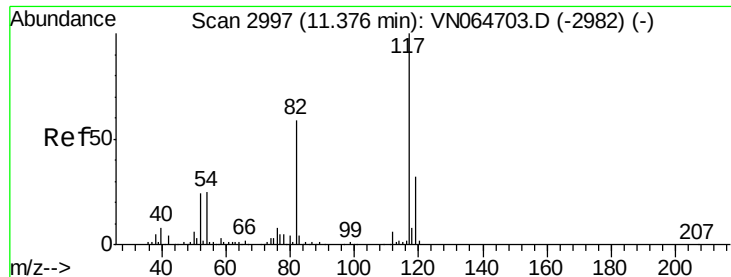
Tot Ion:107 Resp: 61395
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 47.836 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Tgt Ion: 95 Resp: 198058
 Ion Ratio Lower Upper
 95 100
 174 68.7 0.0 136.8
 176 66.1 0.0 134.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

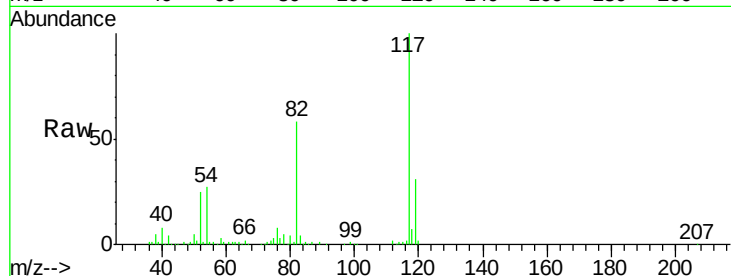
Tot Ion:117 Resp: 410232

Ion Ratio Lower Upper

117 100

82 57.8 47.0 70.6

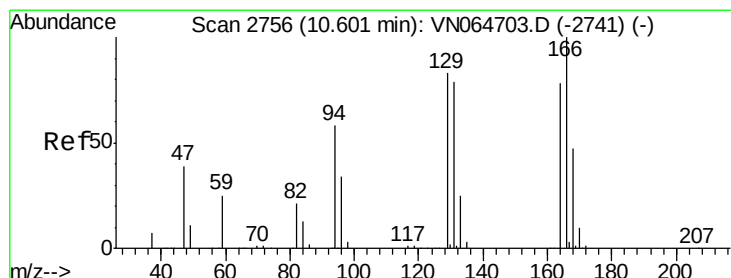
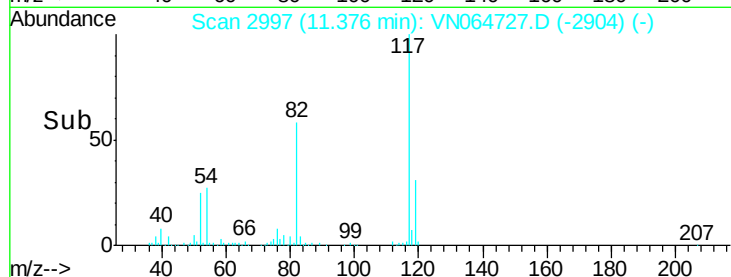
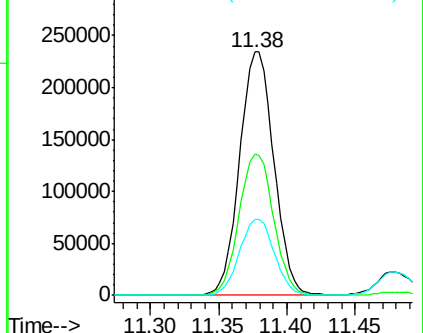
119 31.2 25.4 38.2



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: 21.346 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Tgt Ion:164 Resp: 77630

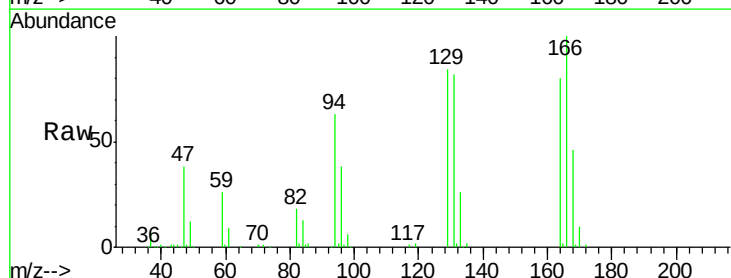
Ion Ratio Lower Upper

164 100

166 124.7 102.2 153.4

129 104.9 84.7 127.1

131 102.7 81.1 121.7

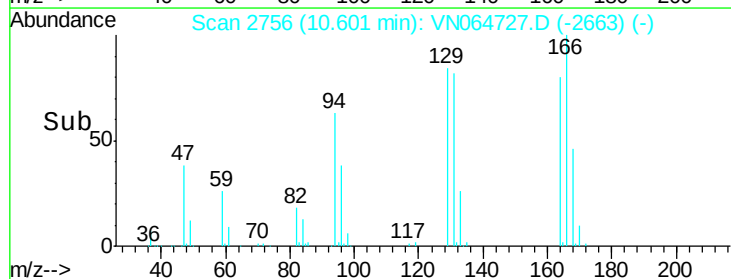
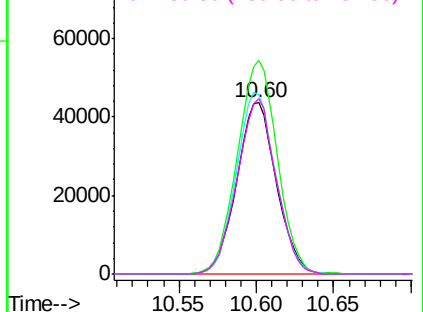


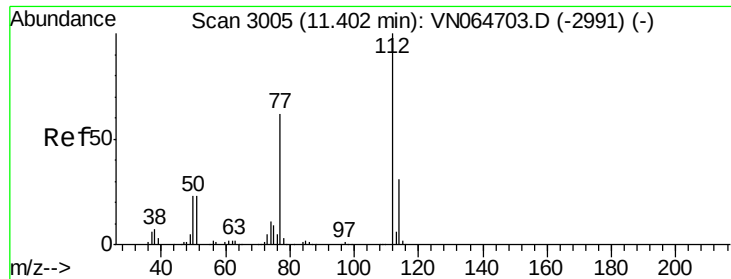
Abundance Ion 163.80 (163.50 to 164.50): V

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: 18.298 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

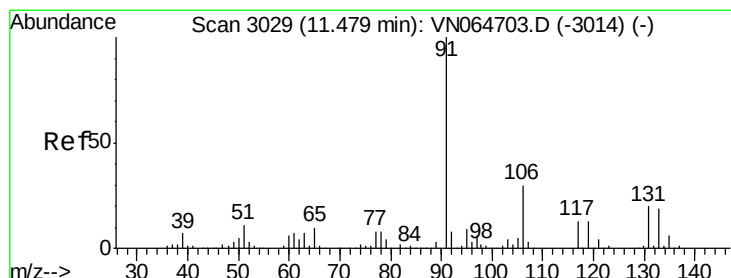
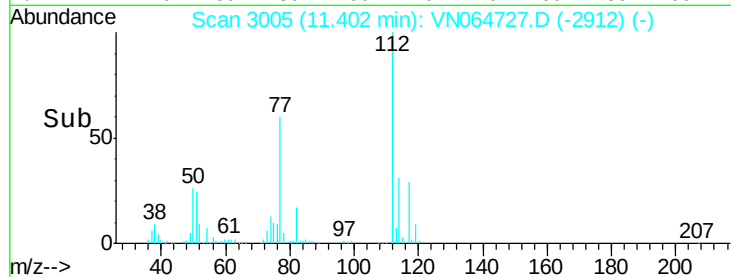
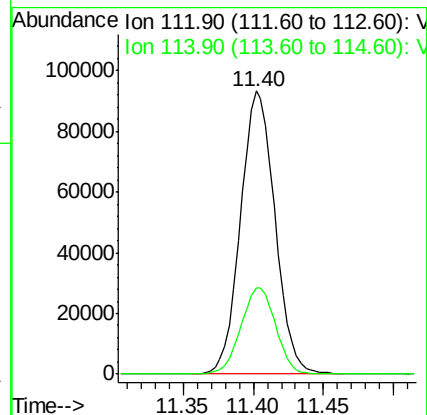
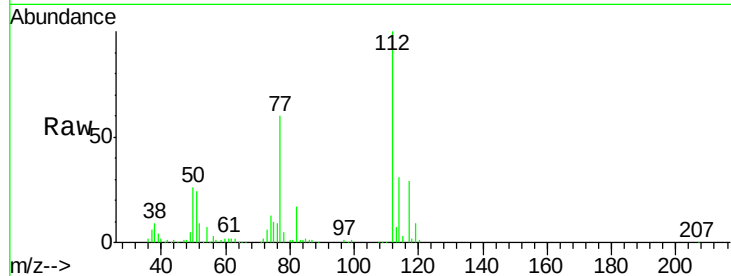
VN1119WBSD01

Tot Ion:112 Resp: 159679

Ion Ratio Lower Upper

112 100

114 30.6 24.7 37.1



#66

1,1,1,2-Tetrachloroethane

Concen: 18.692 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

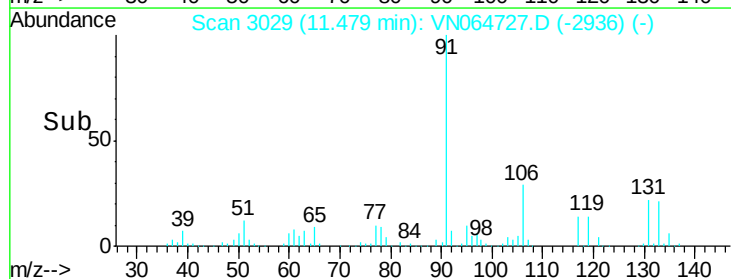
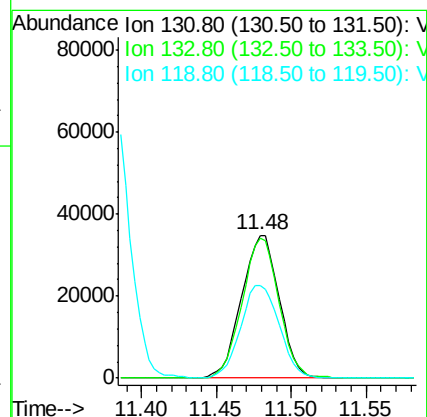
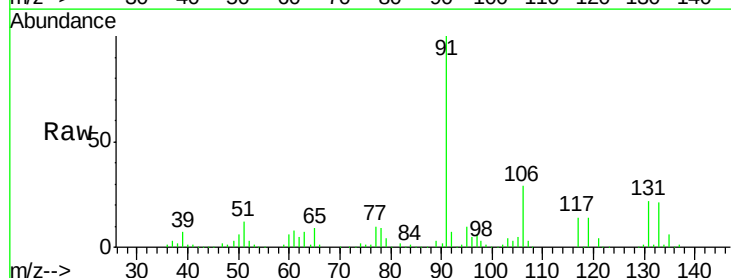
Tgt Ion:131 Resp: 60947

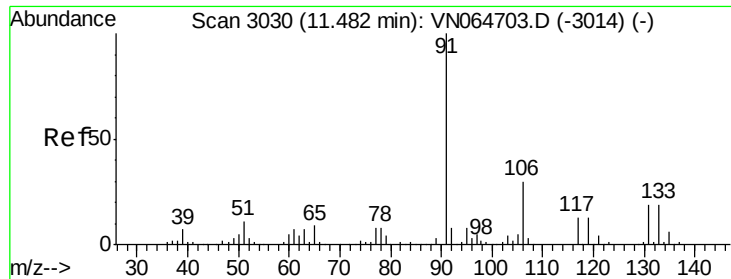
Ion Ratio Lower Upper

131 100

133 96.1 48.8 146.4

119 67.0 33.5 100.4

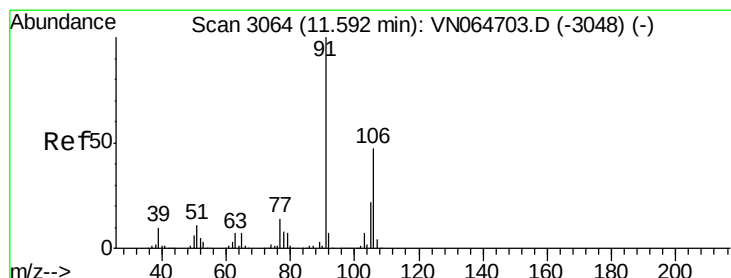
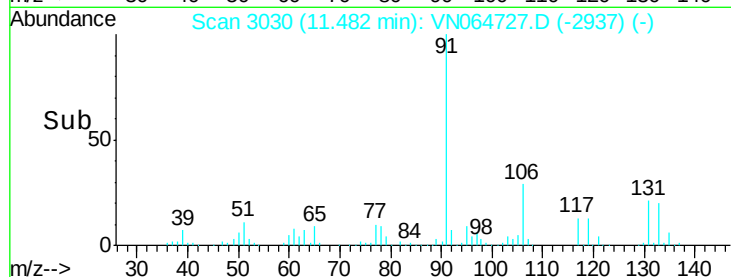
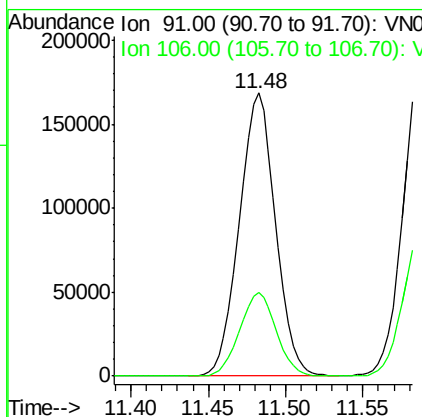
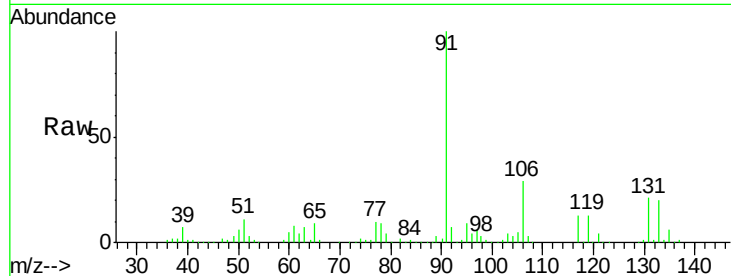




#67
Ethyl Benzene
Concen: 17.790 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

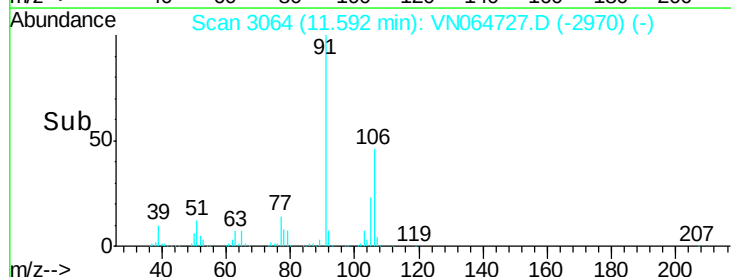
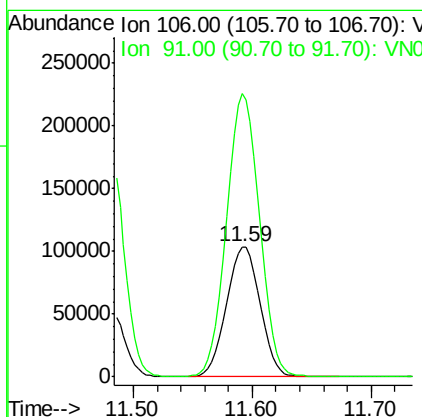
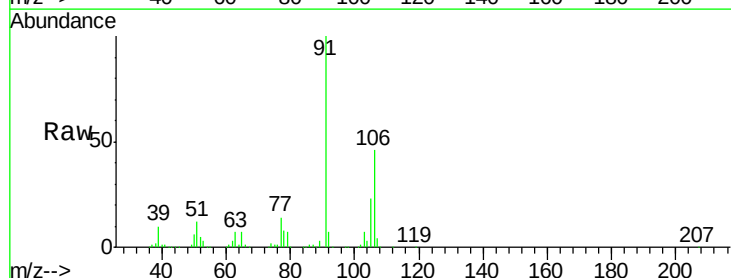
Instrument :
MSVOA_N
ClientSampled :
VN1119WBSD01

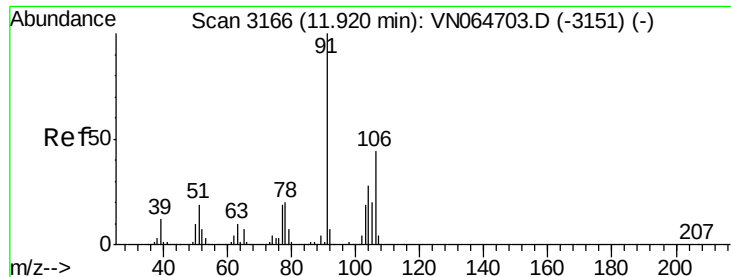
Tot Ion: 91 Resp: 273717
Ion Ratio Lower Upper
91 100
106 29.4 23.9 35.9



#68
m/p-Xylenes
Concen: 35.262 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion: 106 Resp: 203186
Ion Ratio Lower Upper
106 100
91 212.2 171.9 257.9

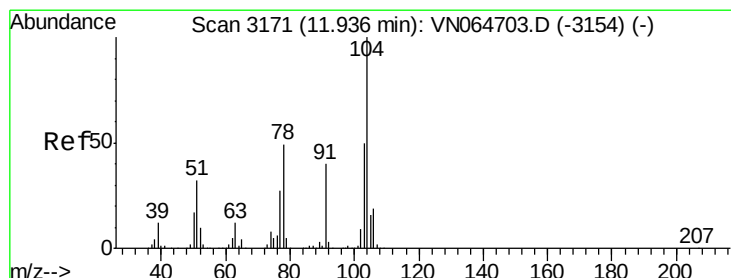
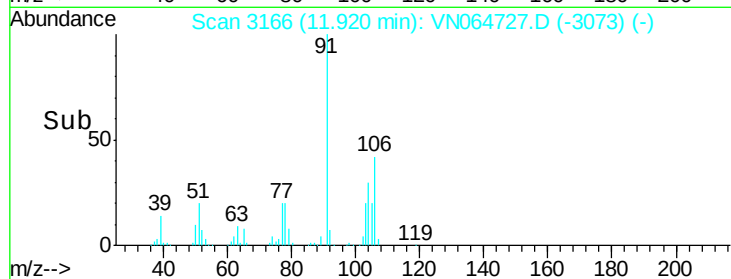
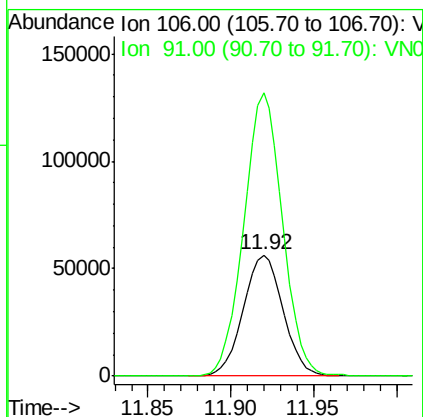
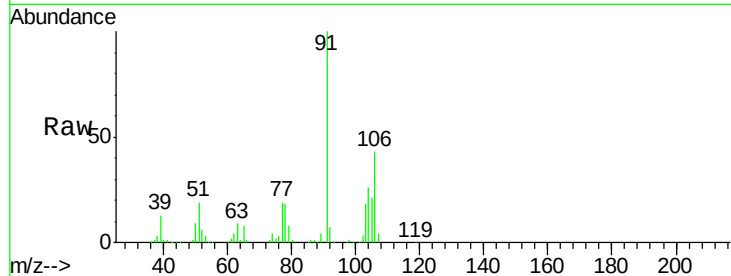




#69
o-Xylene
Concen: 17.467 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

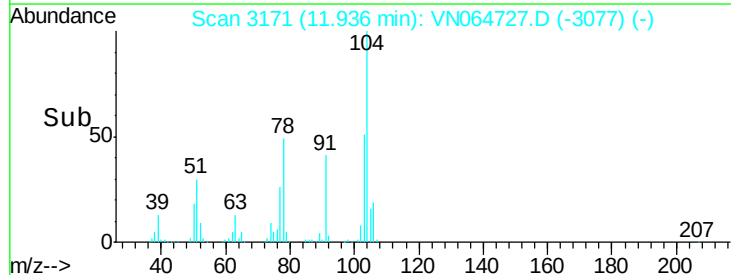
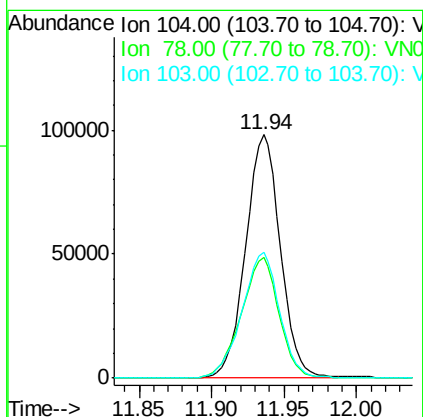
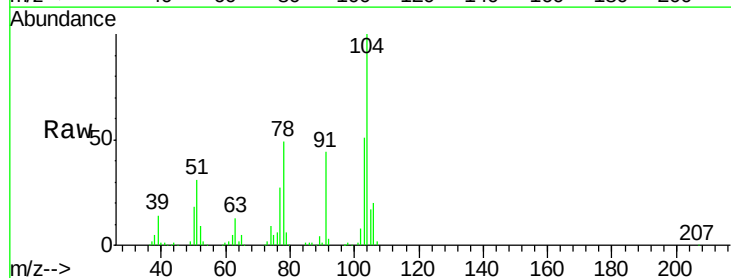
Instrument :
MSVOA_N
ClientSampled :
VN1119WBSD01

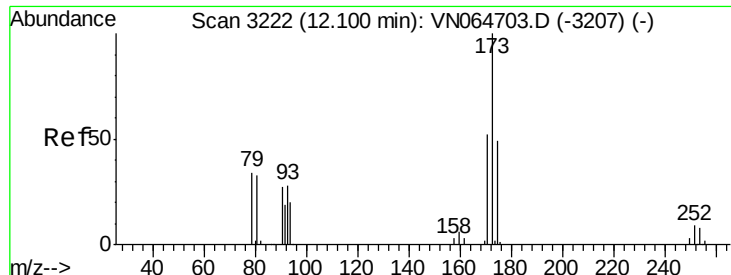
Tot Ion:106 Resp: 93758
Ion Ratio Lower Upper
106 100
91 228.2 112.1 336.3



#70
Styrene
Concen: 17.416 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion:104 Resp: 164091
Ion Ratio Lower Upper
104 100
78 54.0 44.1 66.1
103 55.7 43.7 65.5





#71

Bromoform

Concen: 17.778 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

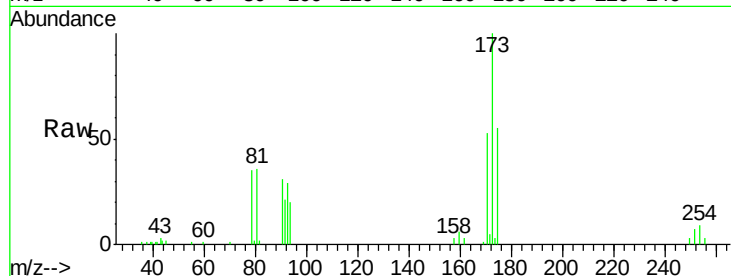
Tot Ion:173 Resp: 40858

Ion Ratio Lower Upper

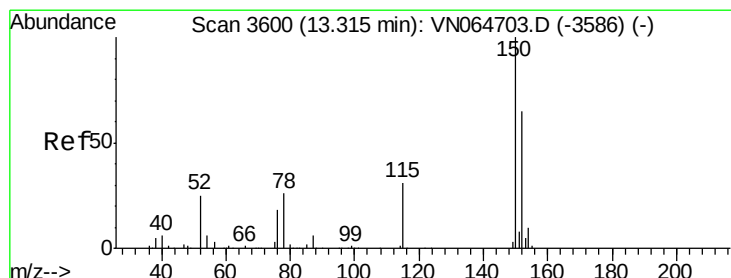
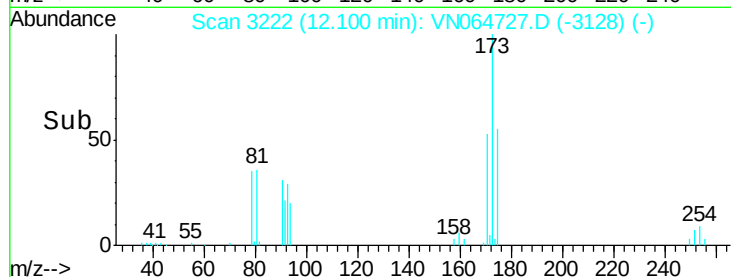
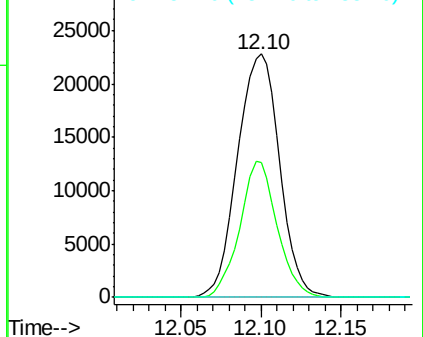
173 100

175 49.2 24.3 72.9

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

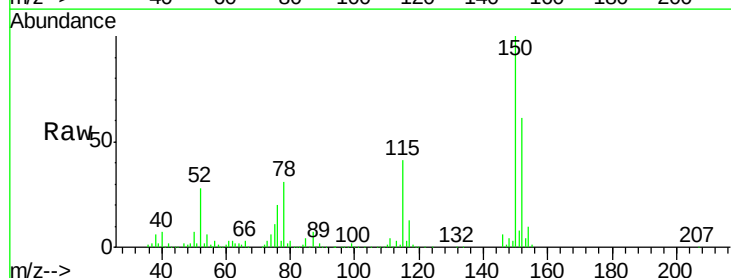
Tgt Ion:152 Resp: 187335

Ion Ratio Lower Upper

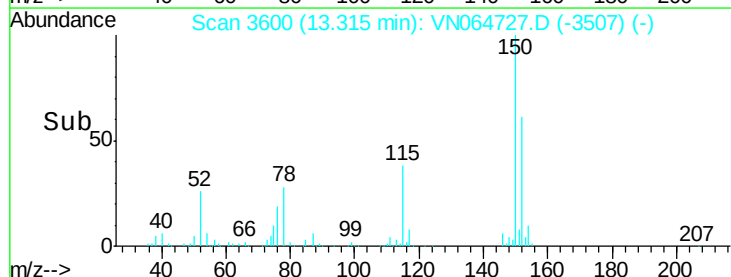
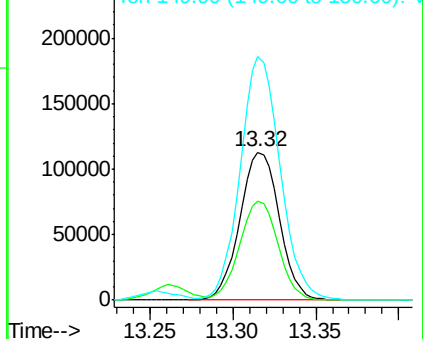
152 100

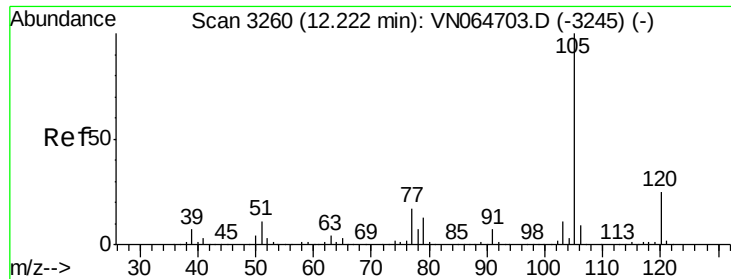
115 65.6 32.1 96.3

150 165.8 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.825 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

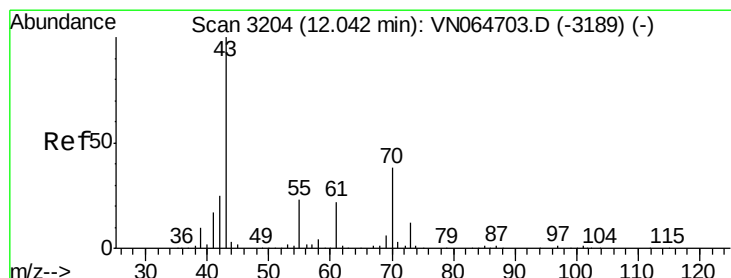
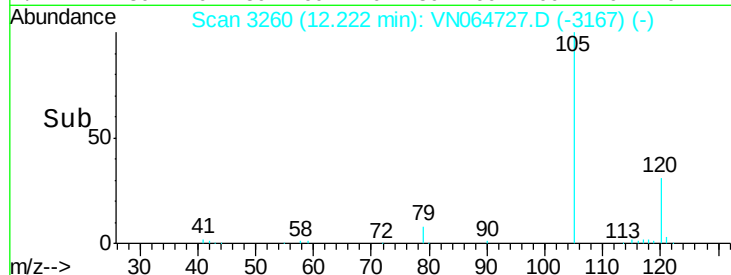
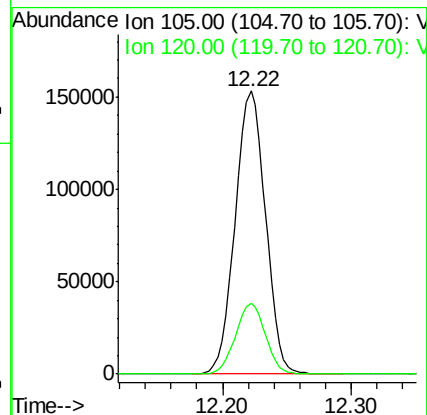
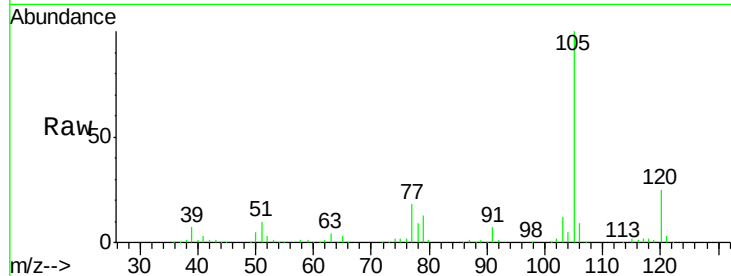
VN1119WBSD01

Tot Ion:105 Resp: 250392

Ion Ratio Lower Upper

105 100

120 24.7 12.8 38.3



#74

N-ethyl acetate

Concen: 17.827 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Tgt Ion: 43 Resp: 110736

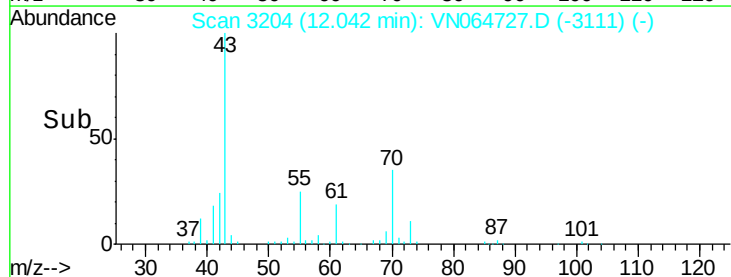
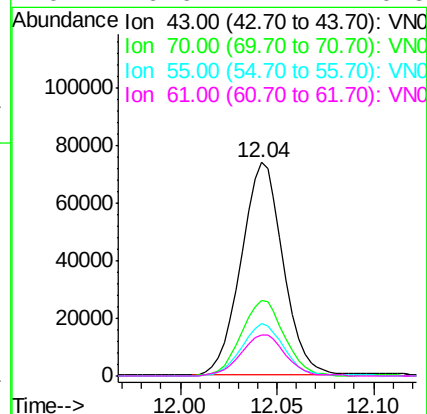
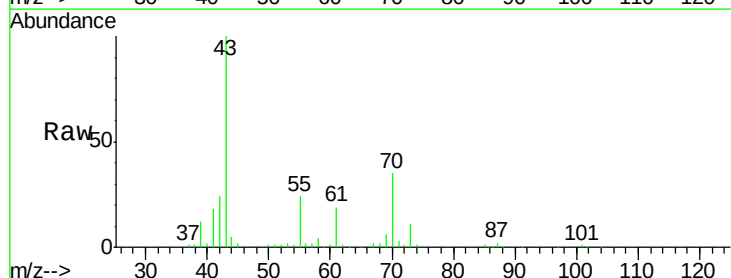
Ion Ratio Lower Upper

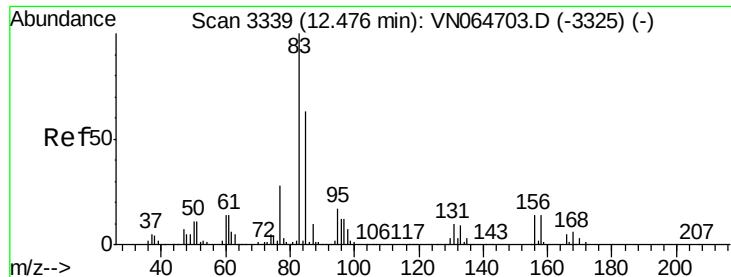
43 100

70 36.7 30.3 45.5

55 24.9 18.9 28.3

61 20.6 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.850 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

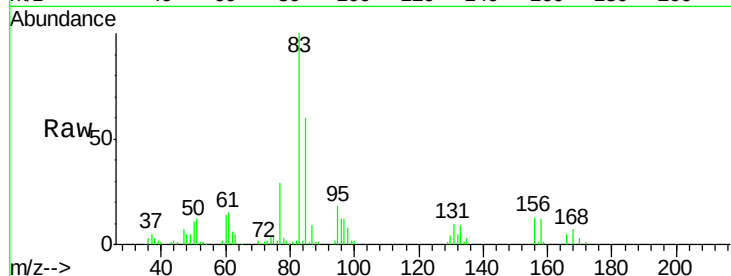
Tot Ion: 83 Resp: 70095

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

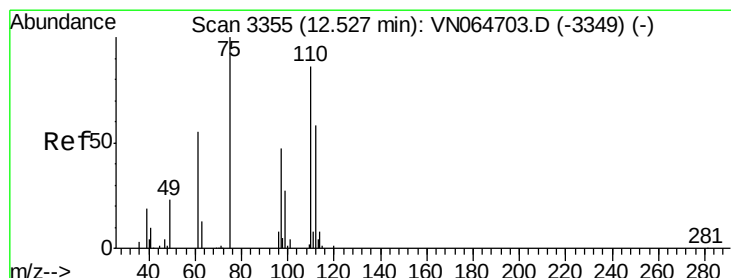
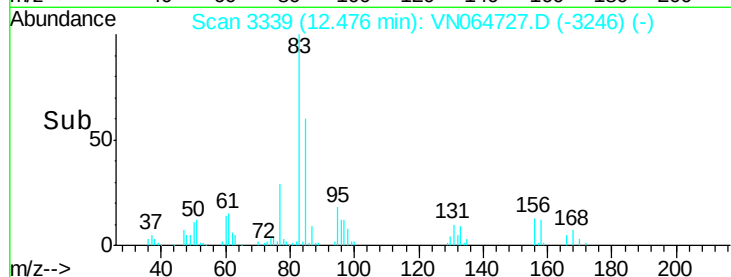
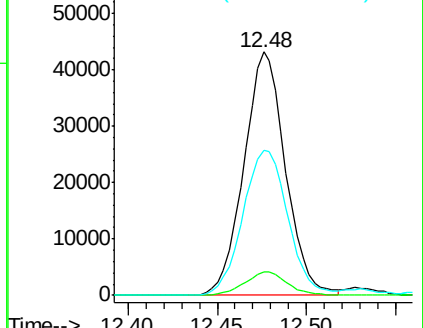
85 64.2 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.057 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064727.D

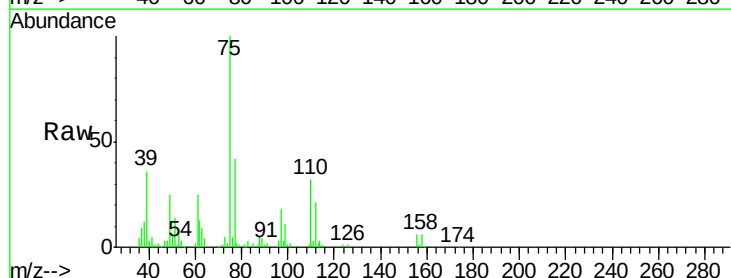
Acq: 19 Nov 2020 12:49

Tgt Ion: 75 Resp: 113250

Ion Ratio Lower Upper

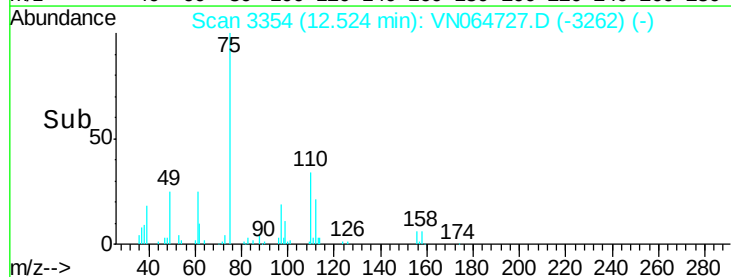
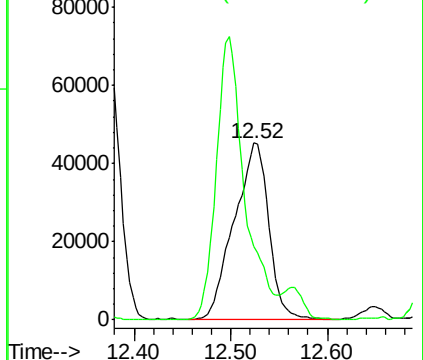
75 100

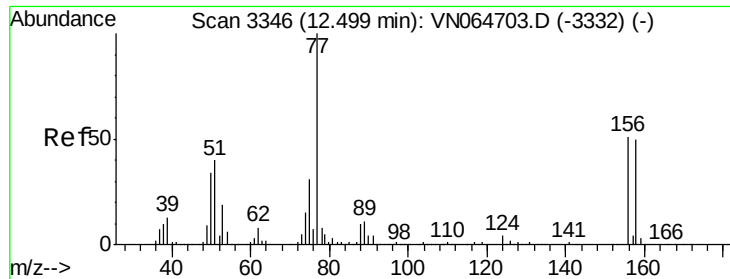
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.552 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampled :

VN1119WBSD01

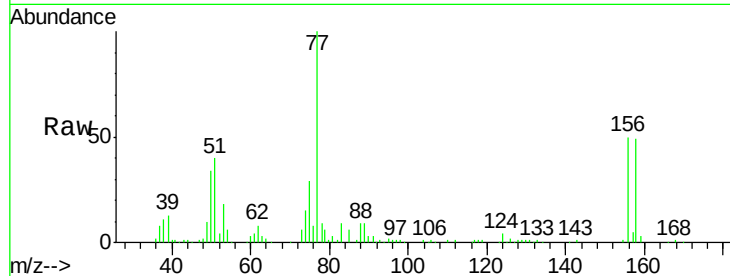
Tot Ion:156 Resp: 62234

Ion Ratio Lower Upper

156 100

77 237.5 117.3 351.9

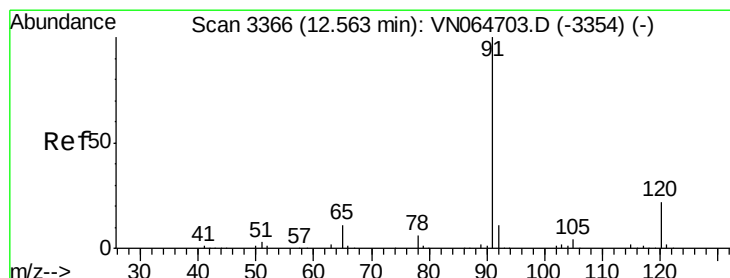
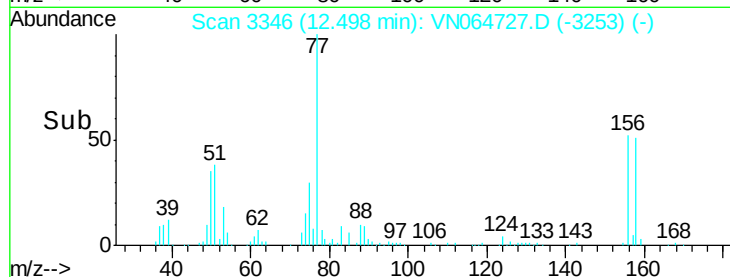
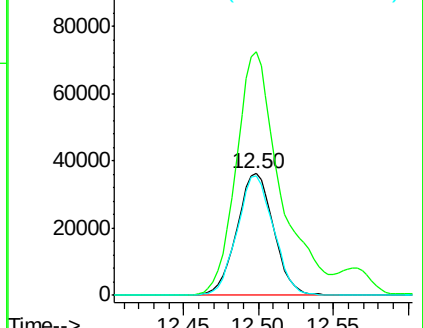
158 97.4 49.0 147.2



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: 19.002 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064727.D

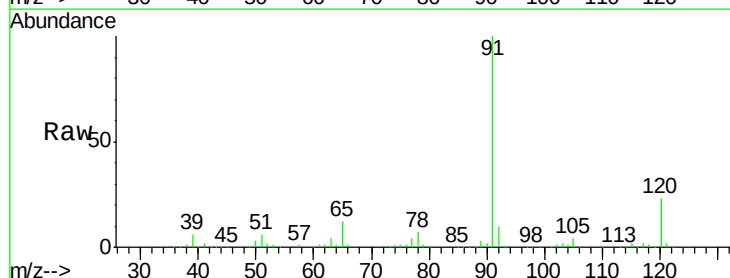
Acq: 19 Nov 2020 12:49

Tgt Ion: 91 Resp: 294333

Ion Ratio Lower Upper

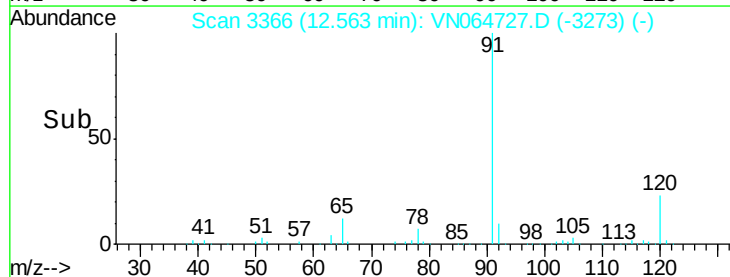
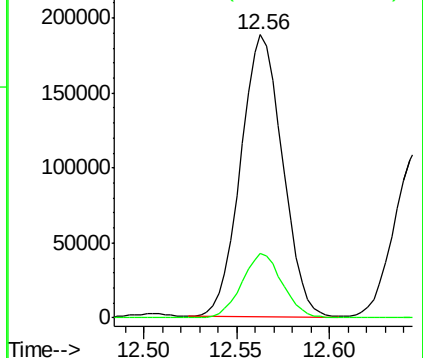
91 100

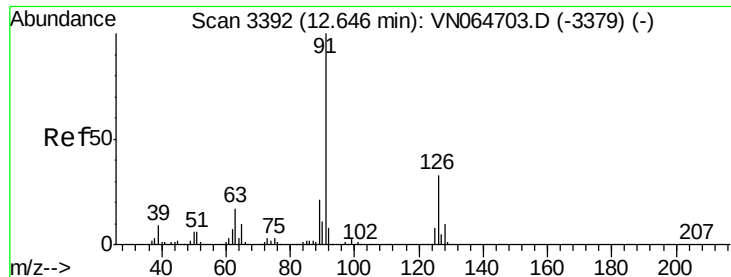
120 22.2 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.568 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

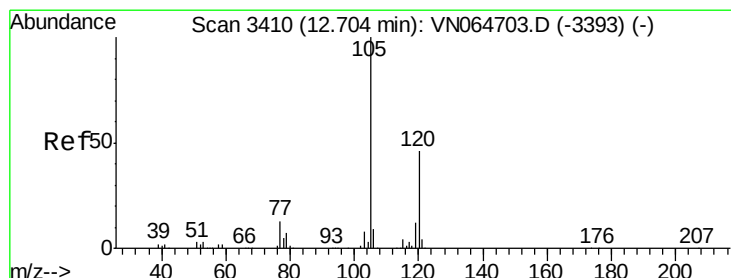
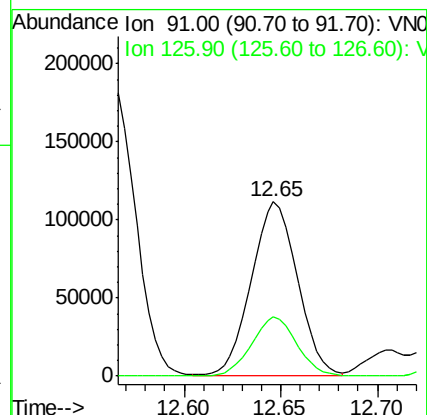
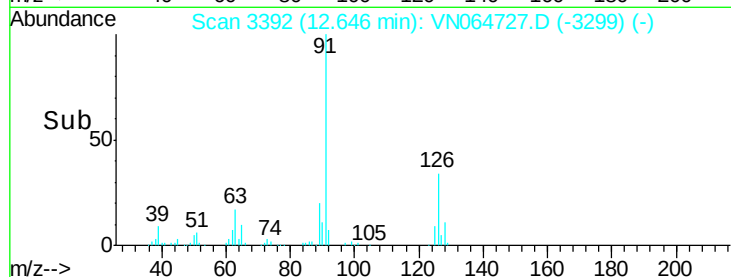
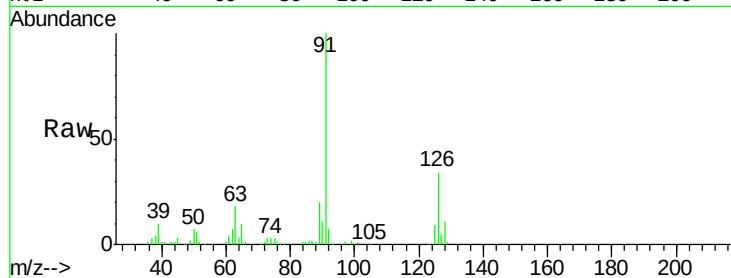
VN1119WBSD01

Tot Ion: 91 Resp: 184080

Ion Ratio Lower Upper

91 100

126 33.4 16.0 48.0



#80

1,3,5-Trimethylbenzene

Concen: 19.221 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064727.D

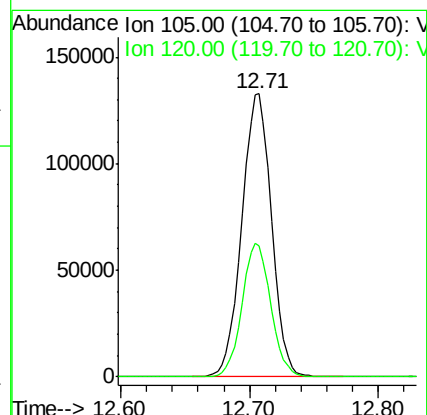
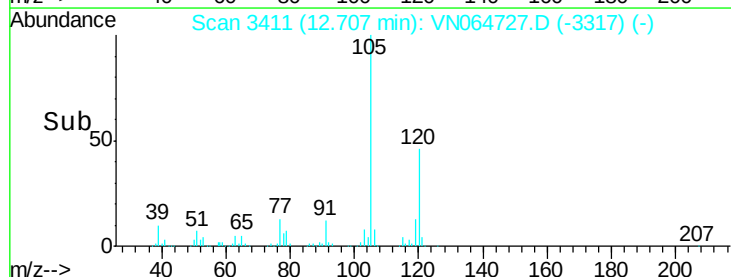
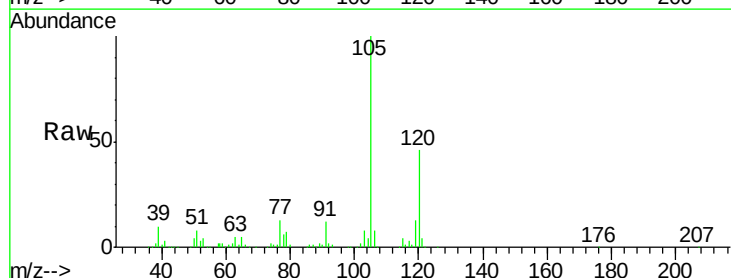
Acq: 19 Nov 2020 12:49

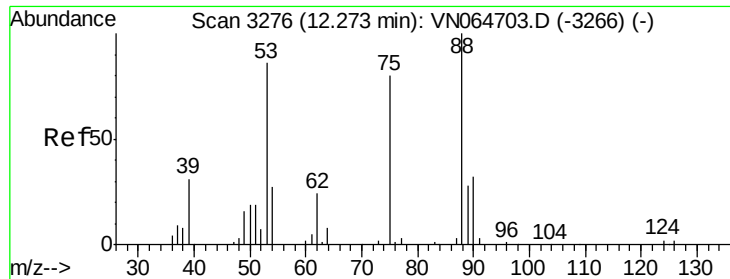
Tgt Ion: 105 Resp: 212372

Ion Ratio Lower Upper

105 100

120 45.4 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.392 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampled :

VN1119WBSD01

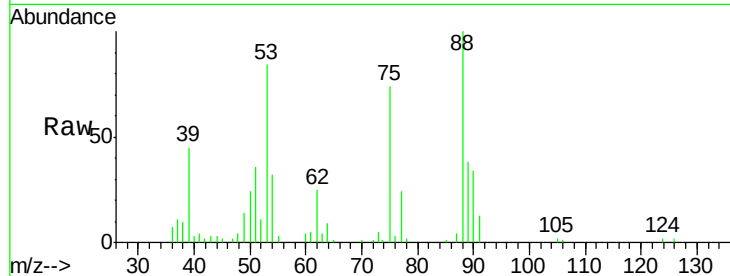
Tot Ion: 75 Resp: 25629

Ion Ratio Lower Upper

75 100

53 108.8 88.8 133.2

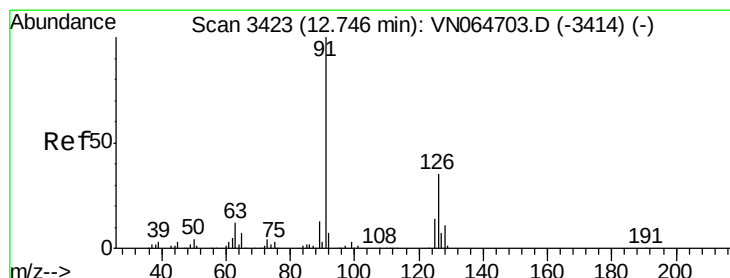
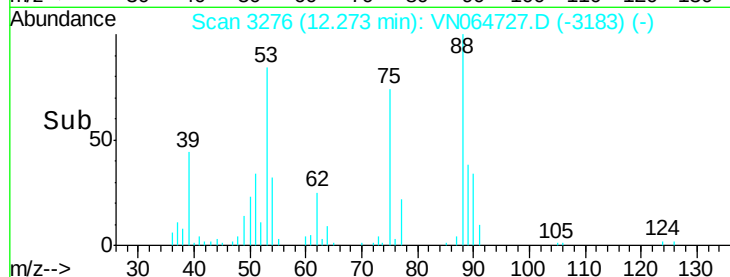
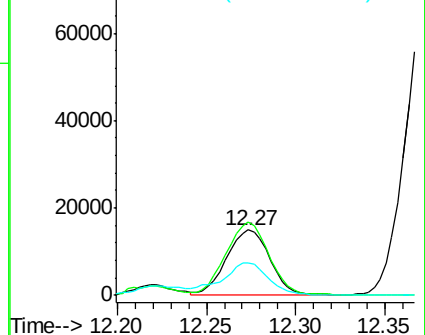
89 52.7 43.1 64.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.808 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064727.D

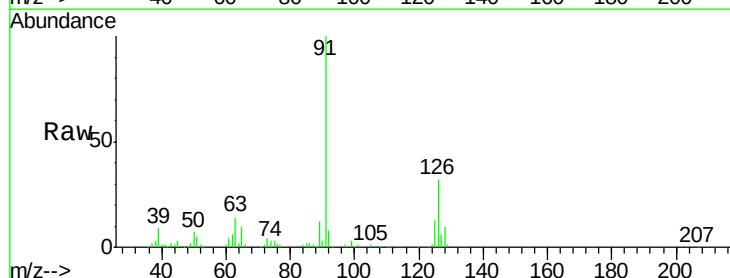
Acq: 19 Nov 2020 12:49

Tgt Ion: 91 Resp: 198819

Ion Ratio Lower Upper

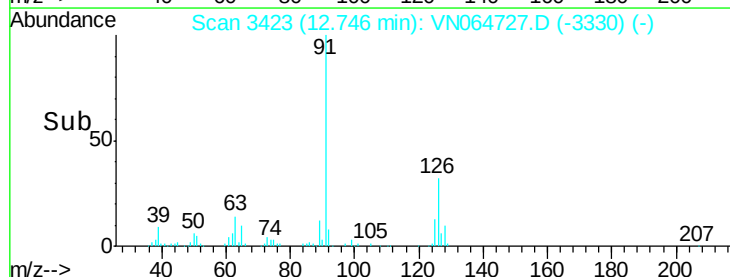
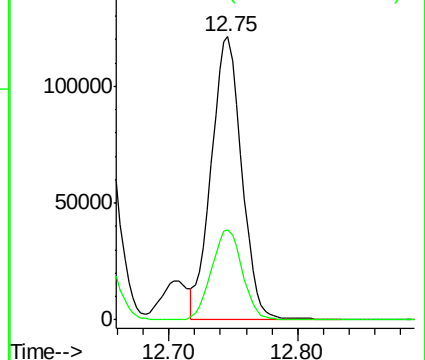
91 100

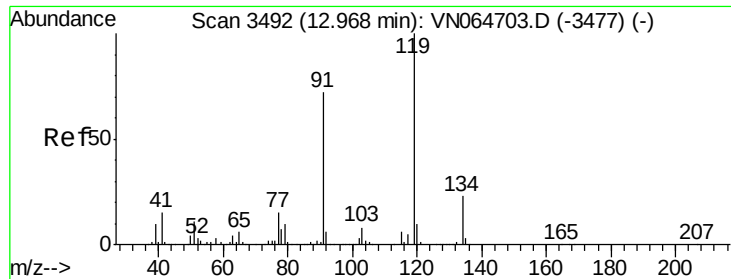
126 32.2 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

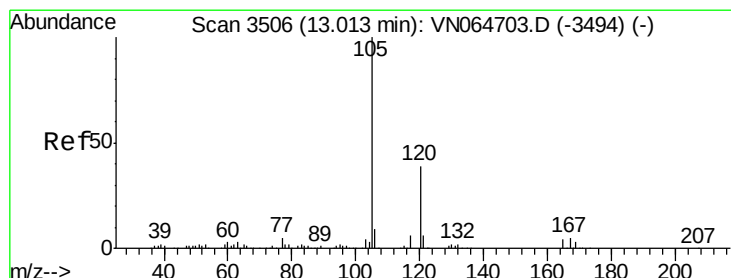
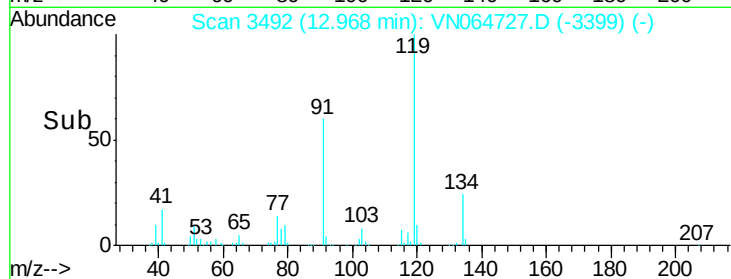
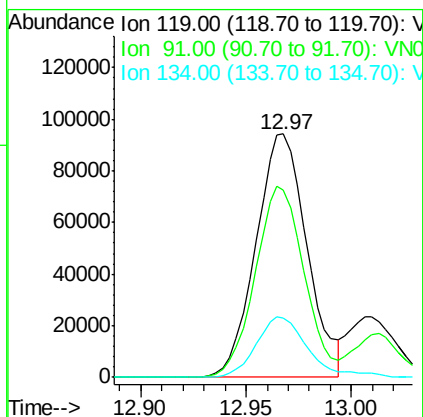
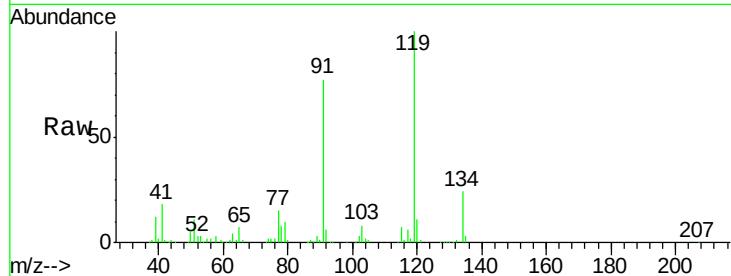




#83
 tert-Butylbenzene
 Concen: 18.583 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

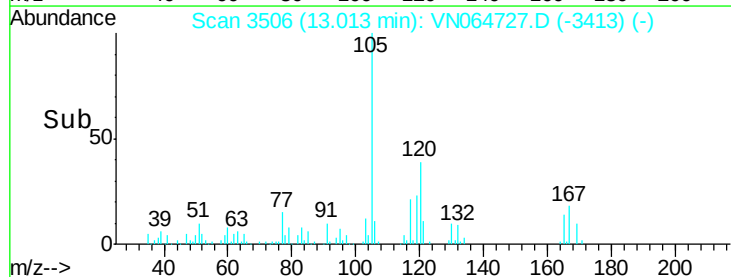
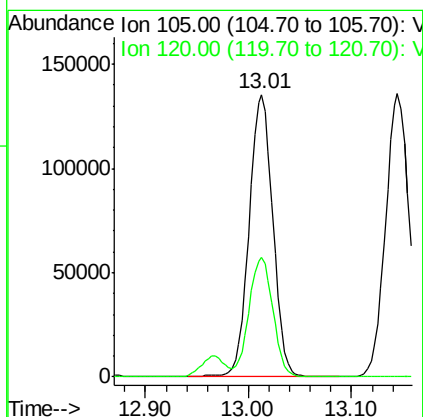
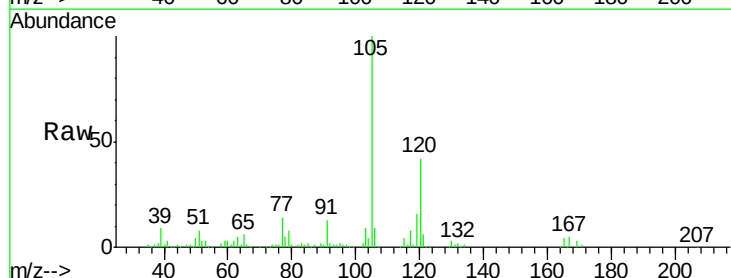
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

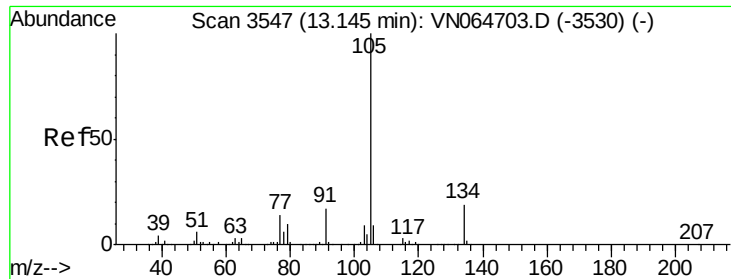
Tot Ion:119 Resp: 158839
 Ion Ratio Lower Upper
 119 100
 91 75.4 35.8 107.4
 134 25.2 12.0 36.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.196 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Tgt Ion:105 Resp: 216464
 Ion Ratio Lower Upper
 105 100
 120 42.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 18.899 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

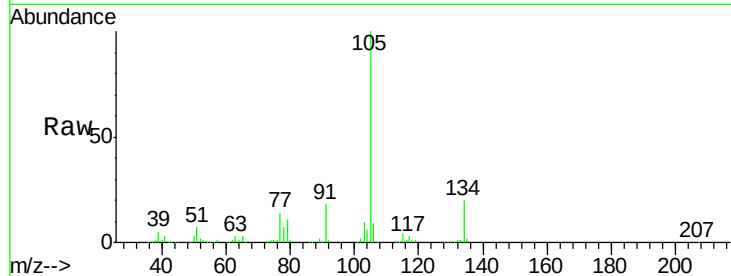
VN1119WBSD01

Tot Ion:105 Resp: 215316

Ion Ratio Lower Upper

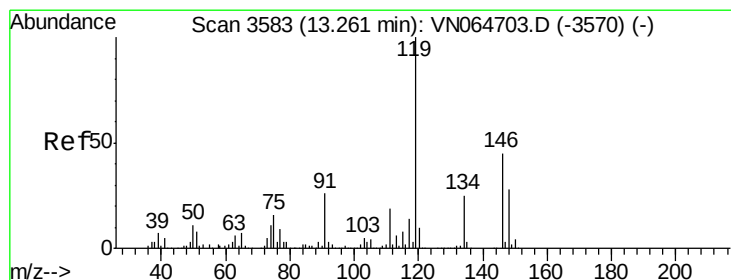
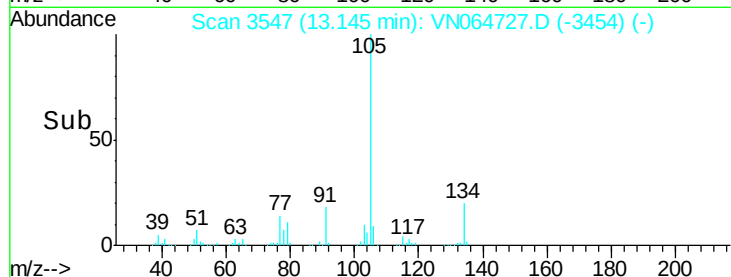
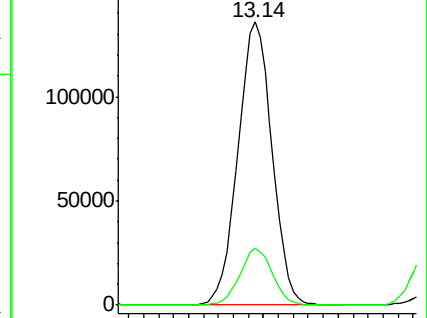
105 100

134 19.2 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.502 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

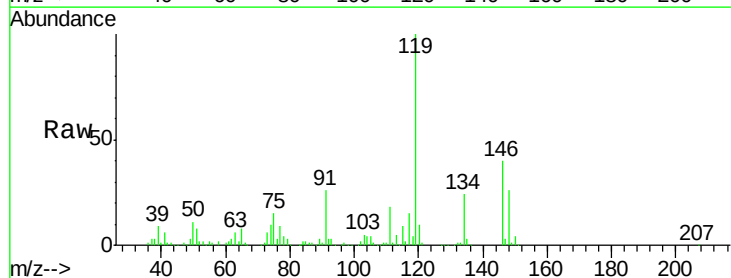
Tgt Ion:119 Resp: 193861

Ion Ratio Lower Upper

119 100

134 24.8 12.7 38.0

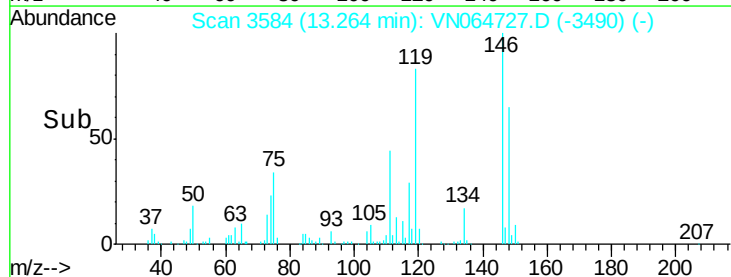
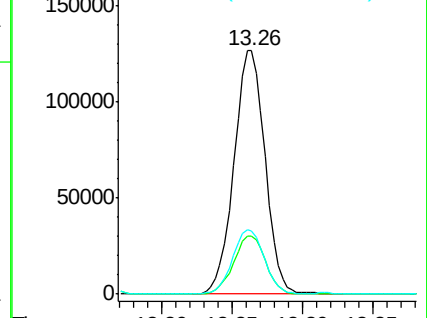
91 27.3 13.3 39.8

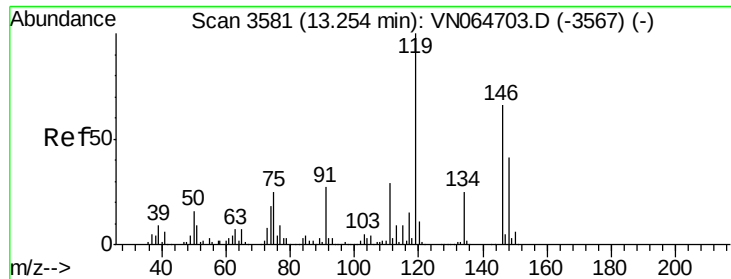


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

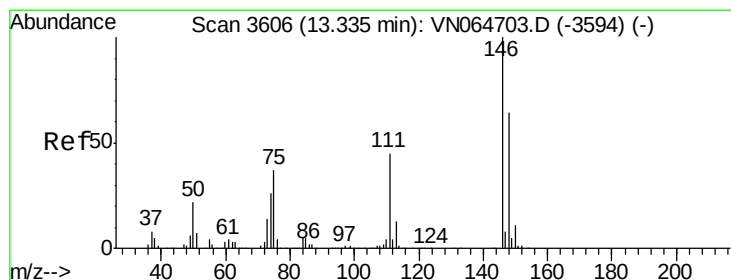
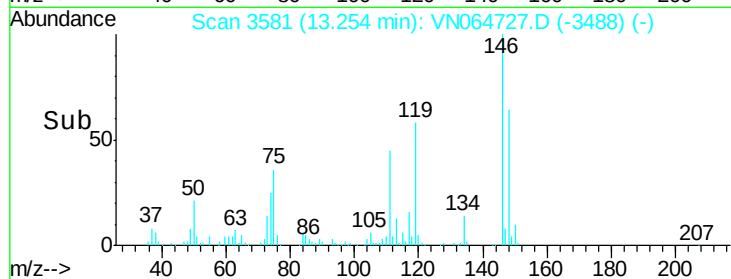
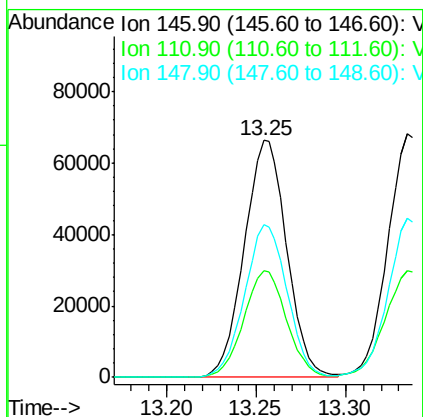
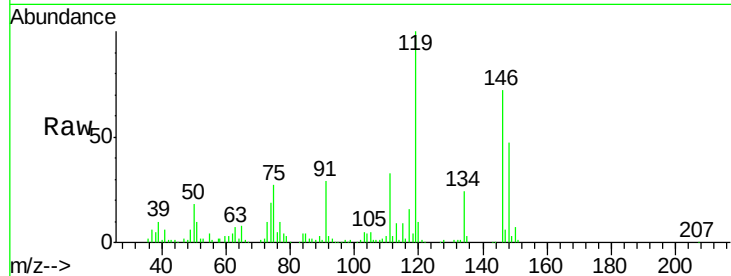




#87
 1,3-Dichlorobenzene
 Concen: 18.104 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

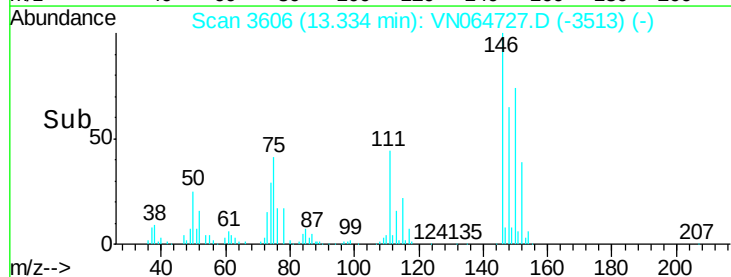
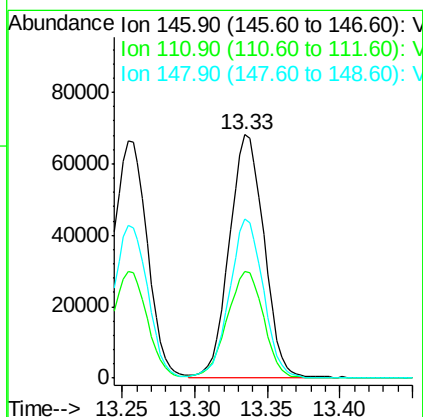
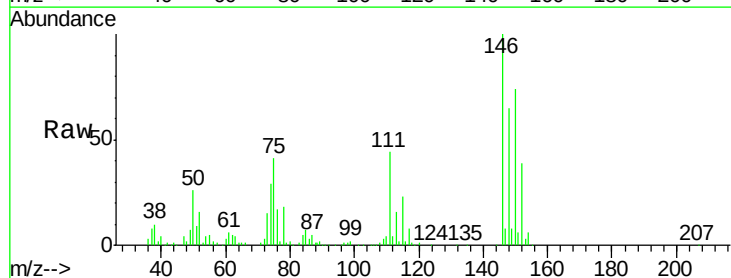
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

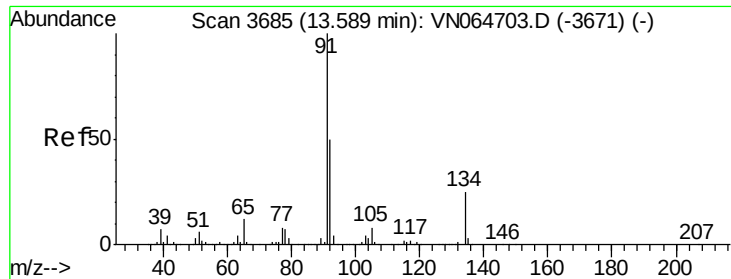
Tot Ion:146 Resp: 110654
 Ion Ratio Lower Upper
 146 100
 111 45.3 21.8 65.4
 148 64.4 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 18.064 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Tgt Ion:146 Resp: 113355
 Ion Ratio Lower Upper
 146 100
 111 46.1 22.3 66.8
 148 63.9 31.6 94.7

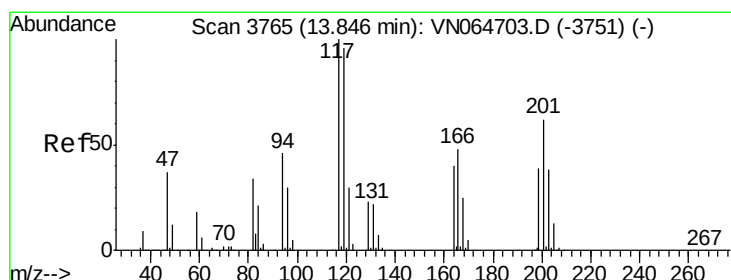
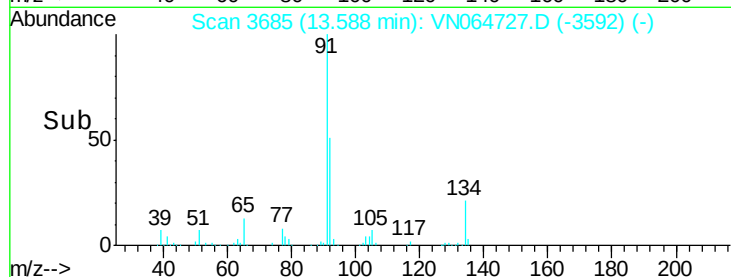
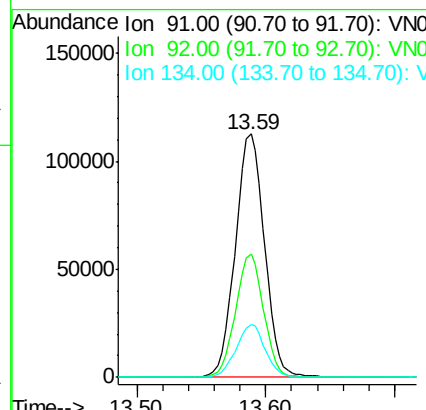
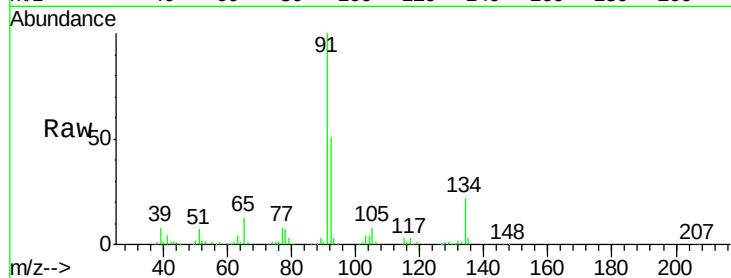




#89
n-Butylbenzene
Concen: 18.085 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

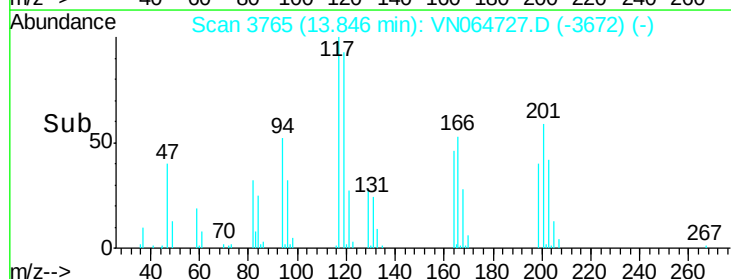
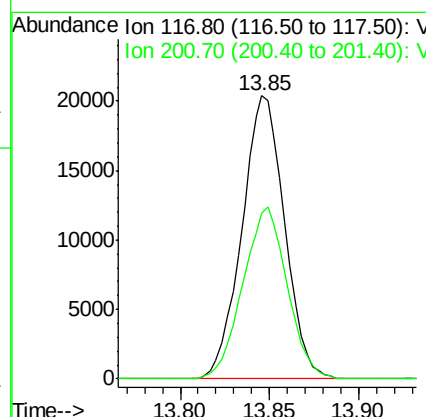
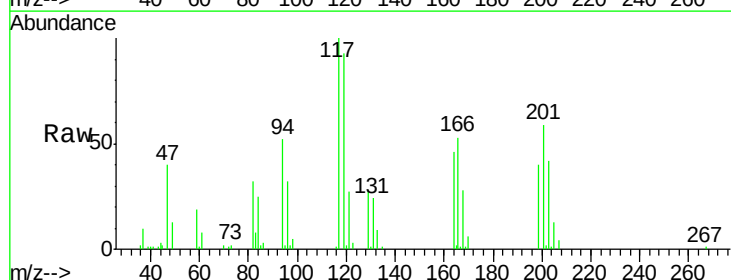
Instrument :
MSVOA_N
ClientSampled :
VN1119WBSD01

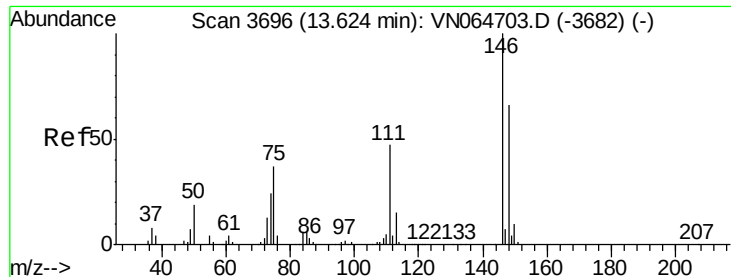
Tot Ion: 91 Resp: 176902
Ion Ratio Lower Upper
91 100
92 48.6 24.9 74.8
134 21.6 12.0 36.0



#90
Hexachloroethane
Concen: 19.574 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064727.D
Acq: 19 Nov 2020 12:49

Tgt Ion: 117 Resp: 33905
Ion Ratio Lower Upper
117 100
201 63.0 31.9 95.5

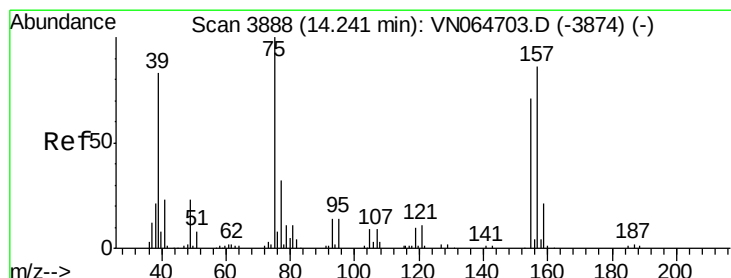
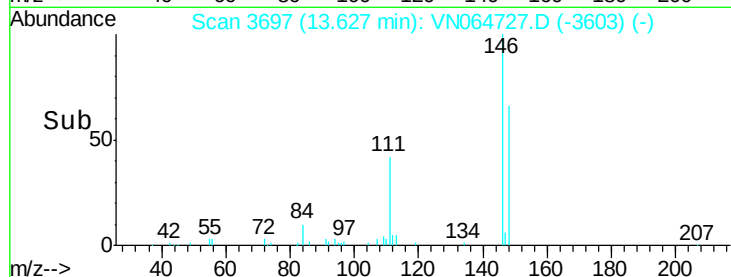
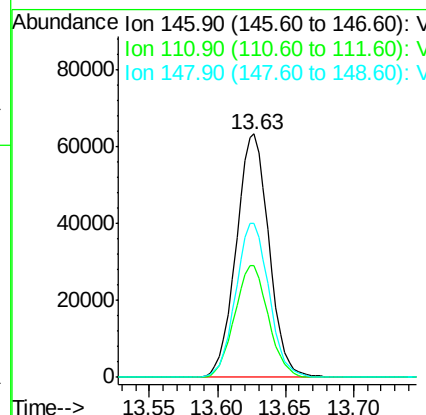
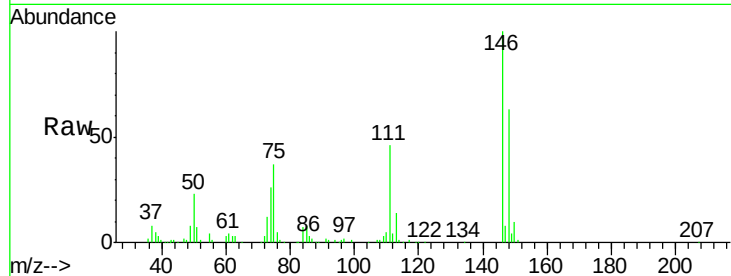




#91
 1,2-Dichlorobenzene
 Concen: 17.714 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

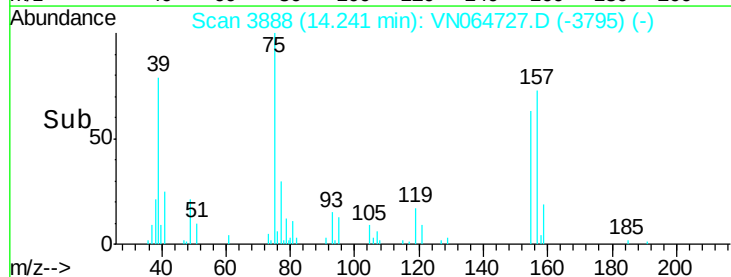
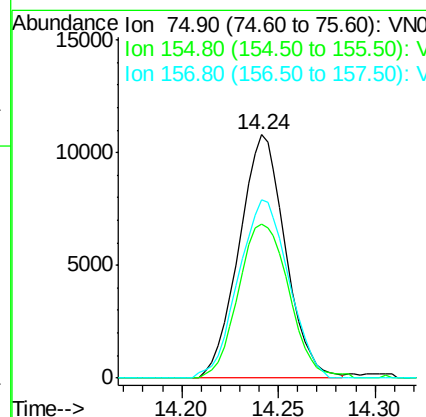
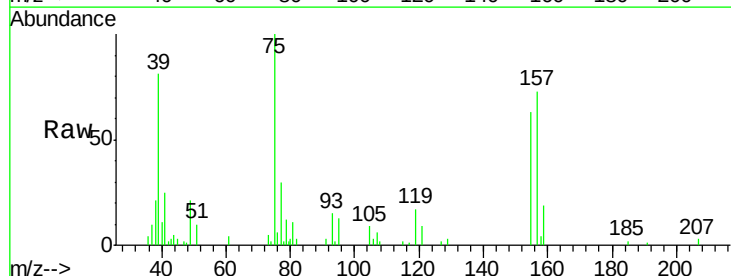
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

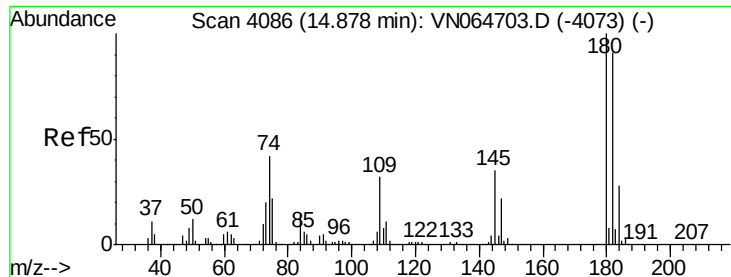
Tot Ion	Ratio	Lower	Upper
146	100		
111	47.0	23.1	69.3
148	64.0	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.424 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.2	33.6	100.6
157	79.3	42.4	127.2

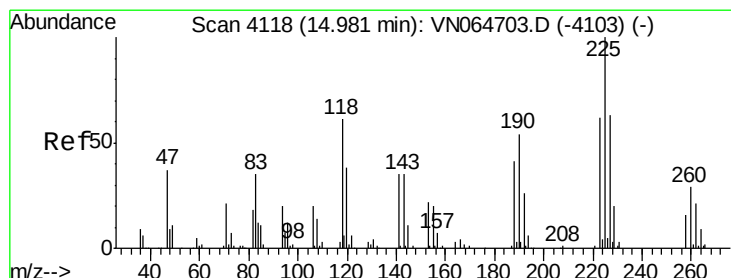
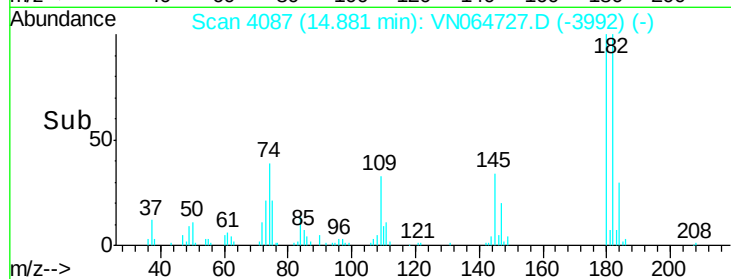
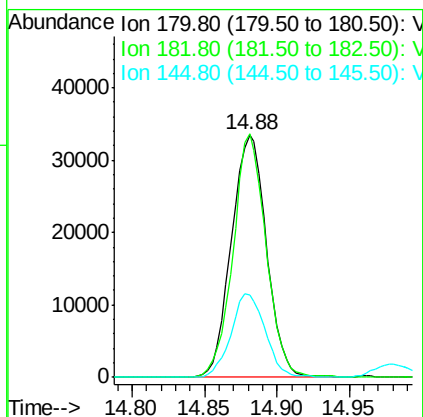
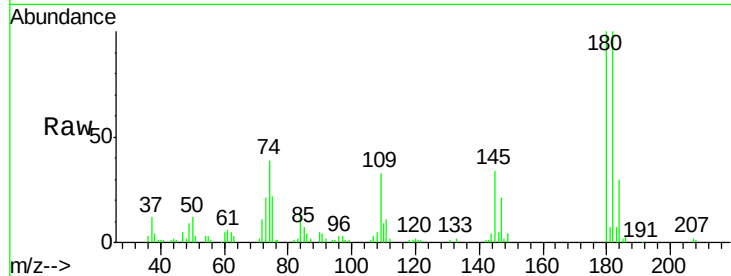




#93
 1,2,4-Trichlorobenzene
 Concen: 18.172 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

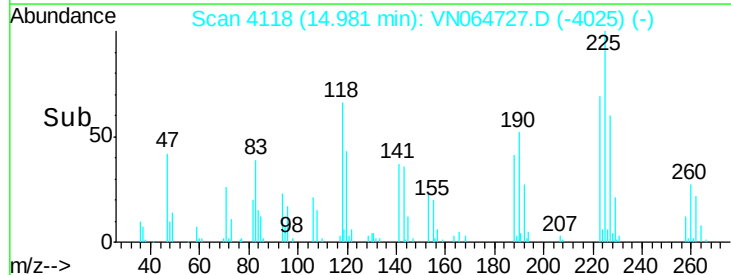
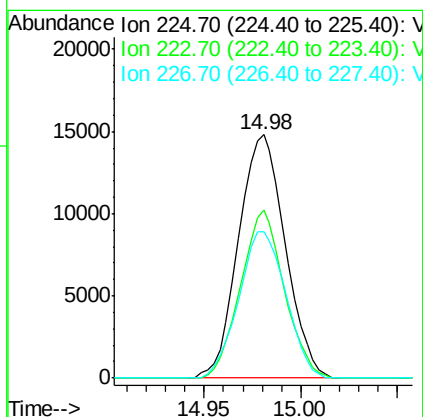
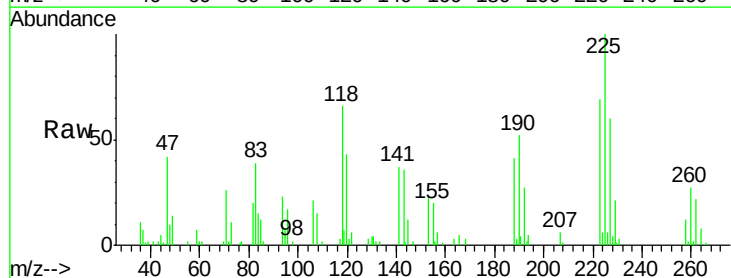
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

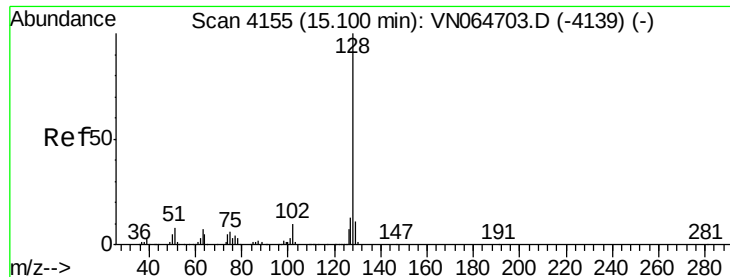
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	141.8
145	33.5	17.5	52.5



#94
 Hexachlorobutadiene
 Concen: 18.355 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064727.D
 Acq: 19 Nov 2020 12:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.2	93.6
227	60.6	32.1	96.3





#95

Naphthalene

Concen: 16.319 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

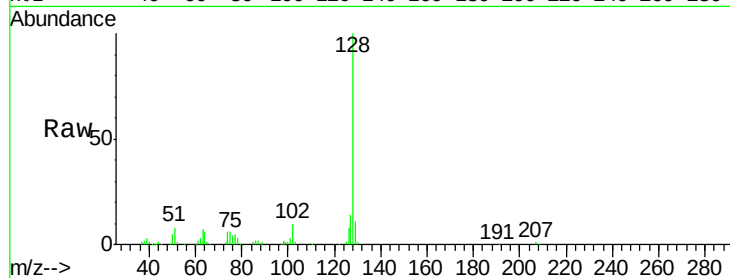
Tot Ion:128 Resp: 171829

Ion Ratio Lower Upper

128 100

127 14.0 10.8 16.2

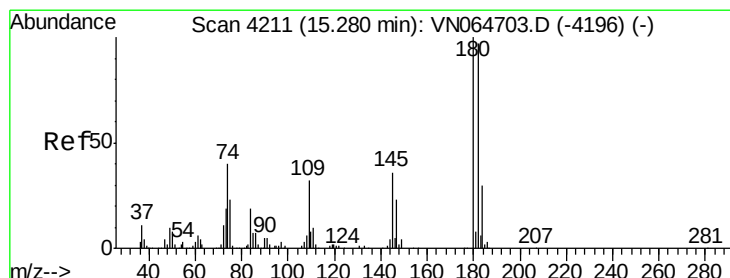
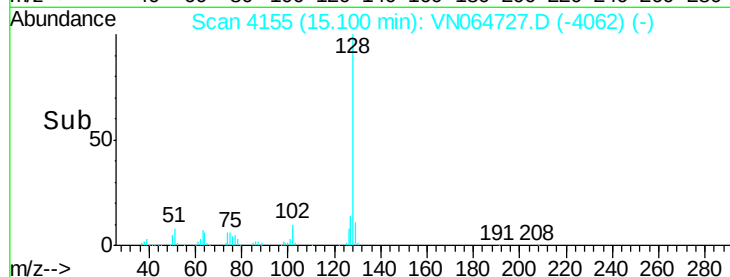
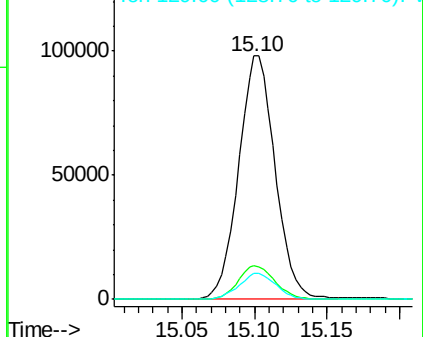
129 10.8 8.9 13.3



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: 17.447 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN064727.D

Acq: 19 Nov 2020 12:49

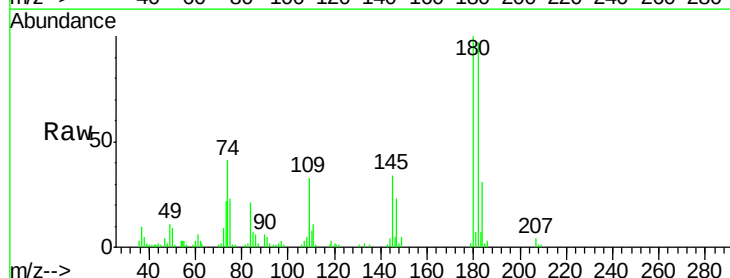
Tgt Ion:180 Resp: 52818

Ion Ratio Lower Upper

180 100

182 98.3 47.5 142.5

145 35.9 18.1 54.1



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

