

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064726.D
 Acq On : 19 Nov 2020 12:19
 Operator : JC/MD
 Sample : VN1119WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Quant Time: Nov 20 03:43:35 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	256457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	445539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	417208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192909	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	223171	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
35) Dibromofluoromethane	7.55	113	126145	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	
50) Toluene-d8	10.06	98	568038	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.37	95	204442	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	57446	17.927	ug/l	98
3) Chloromethane	2.04	50	63994	18.060	ug/l	97
4) Vinyl Chloride	2.17	62	80149	21.678	ug/l	99
5) Bromomethane	2.54	94	55790	20.577	ug/l	99
6) Chloroethane	2.68	64	57418	23.017	ug/l	100
7) Trichlorofluoromethane	2.99	101	133481	20.157	ug/l	99
8) Diethyl Ether	3.37	74	46599	21.809	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	53164	18.577	ug/l	98
10) Methyl Iodide	3.91	142	59923	17.517	ug/l	97
11) Tert butyl alcohol	4.74	59	45266	103.421	ug/l	98
12) 1,1-Dichloroethene	3.69	96	51894	18.821	ug/l	99
13) Acrolein	3.57	56	13685	133.547	ug/l	98
14) Allyl chloride	4.28	41	88276	18.646	ug/l	97
15) Acrylonitrile	4.94	53	124711	97.036	ug/l	98
16) Acetone	3.78	43	105251	99.534	ug/l	94
17) Carbon Disulfide	4.01	76	147408	18.467	ug/l	100
18) Methyl Acetate	4.28	43	61826	19.511	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	169440	18.366	ug/l	100
20) Methylene Chloride	4.50	84	62824	18.805	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	55940	18.183	ug/l	98
22) Diisopropyl ether	5.90	45	188616	18.866	ug/l	94
23) Vinyl Acetate	5.85	43	764941	94.804	ug/l	99
24) 1,1-Dichloroethane	5.80	63	109792	18.743	ug/l	99
25) 2-Butanone	6.79	43	169218	98.106	ug/l	98
26) 2,2-Dichloropropane	6.78	77	101385	18.215	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	62952	18.560	ug/l	99
28) Bromochloromethane	7.15	49	51357	17.389	ug/l	100
29) Tetrahydrofuran	7.17	42	113915	97.746	ug/l	99
30) Chloroform	7.33	83	121703	19.119	ug/l	93
31) Cyclohexane	7.62	56	87196	17.877	ug/l	# 93
32) 1,1,1-Trichloroethane	7.53	97	109590	18.835	ug/l	99
36) 1,1-Dichloropropene	7.75	75	83995	18.325	ug/l	99
37) Ethyl Acetate	6.88	43	79099	20.609	ug/l	99
38) Carbon Tetrachloride	7.73	117	93646	19.224	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	69481	17.107	ug/l	93
40) Benzene	8.00	78	247347	19.367	ug/l	95
41) Methacrylonitrile	7.17	41	115322	65.554	ug/l #	18
42) 1,2-Dichloroethane	8.08	62	106367	19.357	ug/l	99
43) Isopropyl Acetate	8.13	43	135481	18.211	ug/l	99
44) Trichloroethene	8.80	130	69507	18.963	ug/l	94
45) 1,2-Dichloropropane	9.08	63	67143	19.723	ug/l	99
46) Dibromomethane	9.17	93	46702	19.353	ug/l	96
47) Bromodichloromethane	9.37	83	98859	19.487	ug/l	98
48) Methyl methacrylate	9.17	41	66431	18.925	ug/l	99
49) 1,4-Dioxane	9.16	88	17610	402.113	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	408803	94.928	ug/l	100
52) Toluene	10.12	92	155526	19.772	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	98538	18.149	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	103524	18.517	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	60073	19.041	ug/l	96
56) Ethyl methacrylate	10.40	69	83579	17.950	ug/l	99
57) 1,3-Dichloropropane	10.68	76	105409	19.287	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	234107	91.556	ug/l	100
59) 2-Hexanone	10.72	43	292060	93.980	ug/l	99
60) Dibromochloromethane	10.87	129	66441	18.227	ug/l	95
61) 1,2-Dibromoethane	10.97	107	62344	18.526	ug/l	95
64) Tetrachloroethene	10.60	164	71578	19.352	ug/l	99
65) Chlorobenzene	11.41	112	161469	18.194	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	62583	18.873	ug/l	99
67) Ethyl Benzene	11.48	91	282615	18.061	ug/l	97
68) m/p-Xylenes	11.59	106	212497	36.147	ug/l	97
69) o-Xylene	11.92	106	95828	17.554	ug/l	93
70) Styrene	11.94	104	169657	17.663	ug/l	98
71) Bromoform	12.10	173	42664	18.188	ug/l #	99
73) Isopropylbenzene	12.22	105	253829	18.532	ug/l	100
74) N-amyl acetate	12.04	43	119277	18.647	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	74268	19.395	ug/l	98
76) 1,2,3-Trichloropropane	12.52	75	118328	28.468	ug/l #	100
77) Bromobenzene	12.50	156	64331	18.623	ug/l	96
78) n-propylbenzene	12.56	91	309603	19.410	ug/l	98
79) 2-Chlorotoluene	12.65	91	193175	18.922	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	218024	19.162	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	26980	17.745	ug/l #	84
82) 4-Chlorotoluene	12.75	91	206220	18.944	ug/l	98
83) tert-Butylbenzene	12.97	119	169176	19.220	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	221085	19.039	ug/l	99
85) sec-Butylbenzene	13.14	105	223166	19.022	ug/l	99
86) p-Isopropyltoluene	13.26	119	196491	18.211	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	114704	18.224	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	118144	18.283	ug/l	100
89) n-Butylbenzene	13.59	91	173447	17.219	ug/l	99
90) Hexachloroethane	13.85	117	34089	19.111	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	113229	18.406	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18881	18.789	ug/l	95

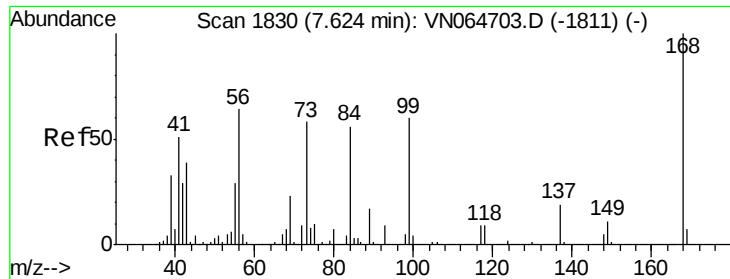
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	54594	17.207	ug/l	98
94) Hexachlorobutadiene	14.98	225	25096	17.992	ug/l	98
95) Naphthalene	15.10	128	177071	16.331	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	53866	17.287	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: VN064726.D

Acq: 19 Nov 2020 12:19

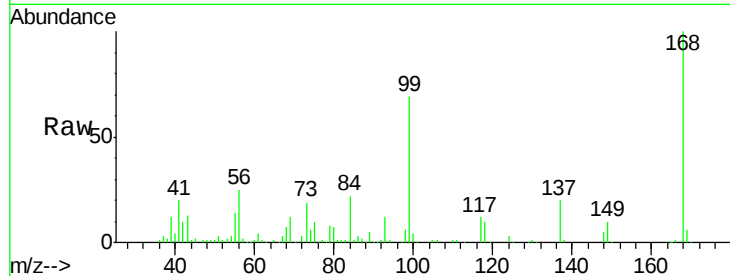
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion:168 Resp: 256457

Ion Ratio Lower Upper

168 100

99 68.8 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

120000

100000

80000

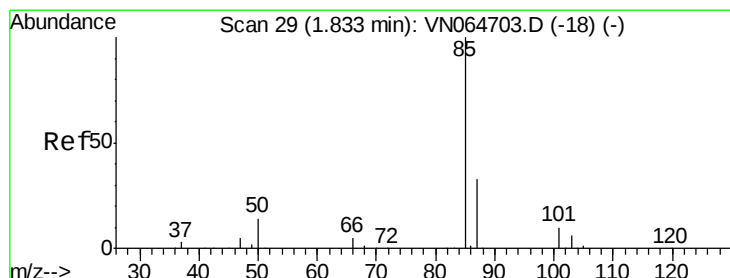
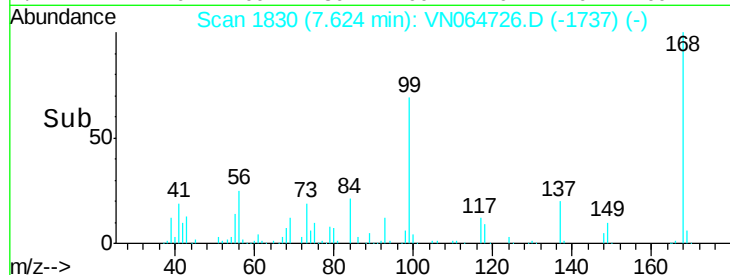
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.927 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064726.D

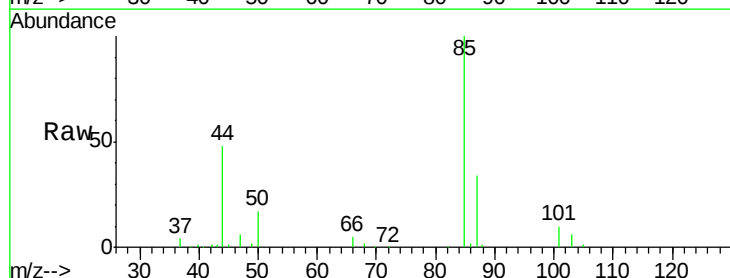
Acq: 19 Nov 2020 12:19

Tgt Ion: 85 Resp: 57446

Ion Ratio Lower Upper

85 100

87 33.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

50000

40000

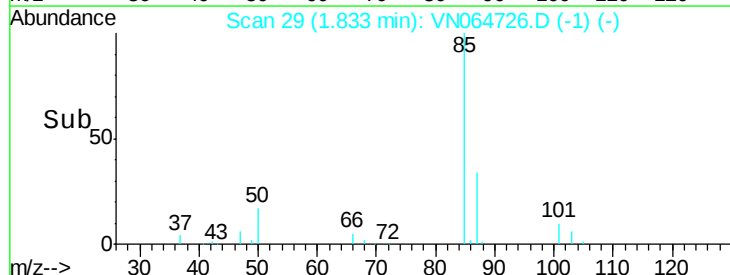
30000

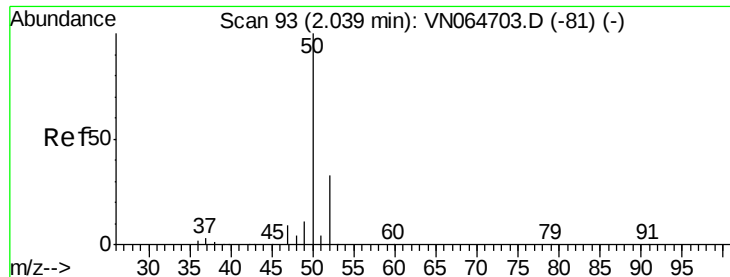
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.060 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

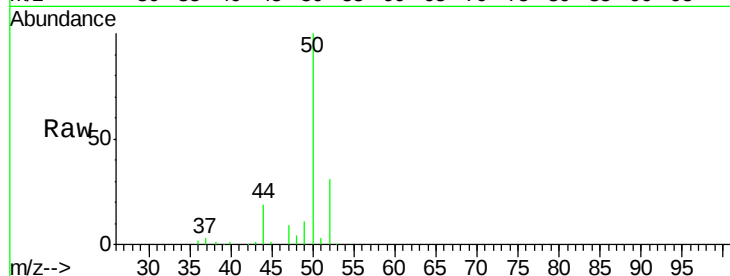
VN1119WBS01

Tot Ion: 50 Resp: 63994

Ion Ratio Lower Upper

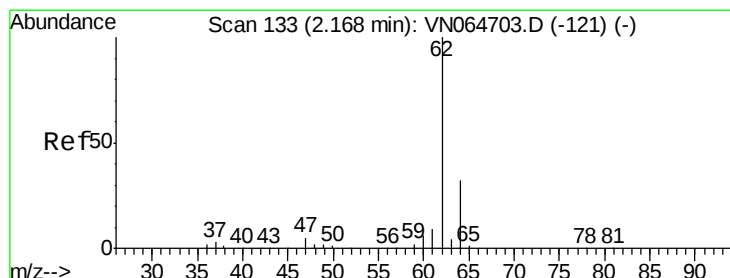
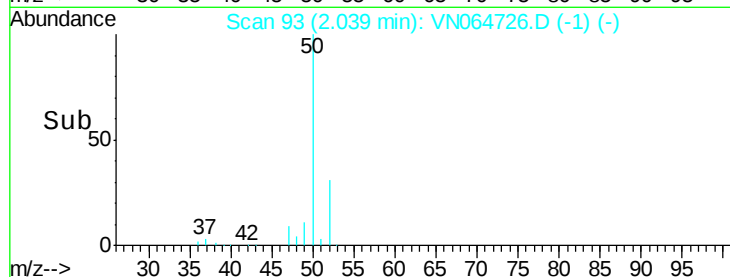
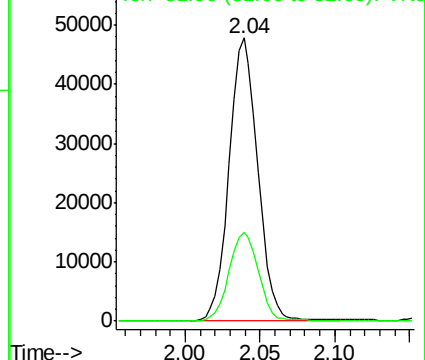
50 100

52 31.4 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 21.678 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064726.D

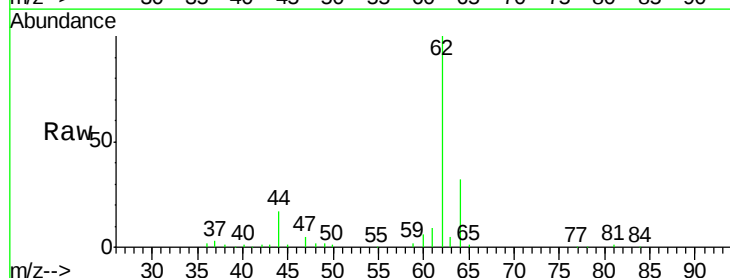
Acq: 19 Nov 2020 12:19

Tgt Ion: 62 Resp: 80149

Ion Ratio Lower Upper

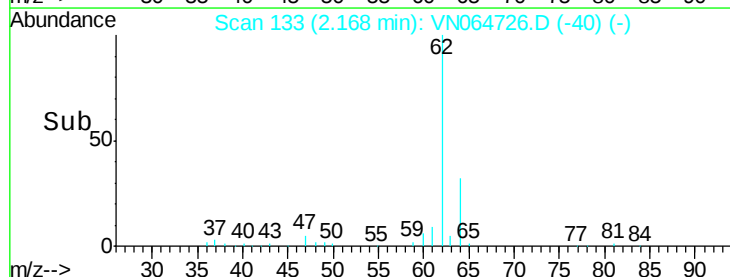
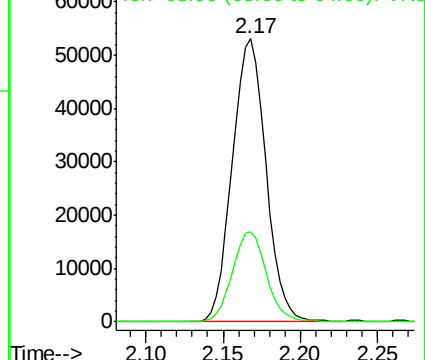
62 100

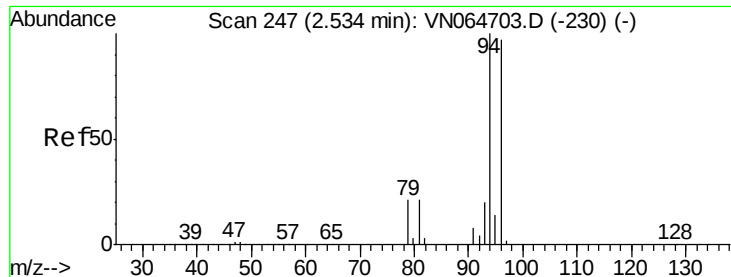
64 31.8 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 20.577 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

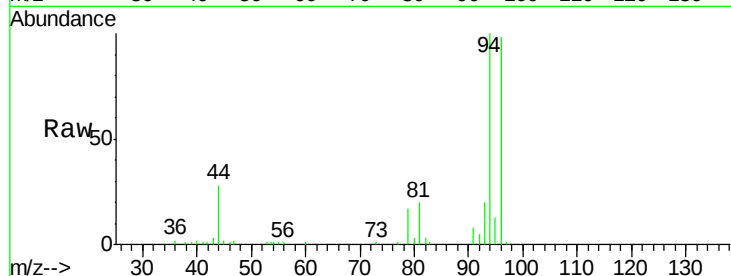
VN1119WBS01

Tot Ion: 94 Resp: 55790

Ion Ratio Lower Upper

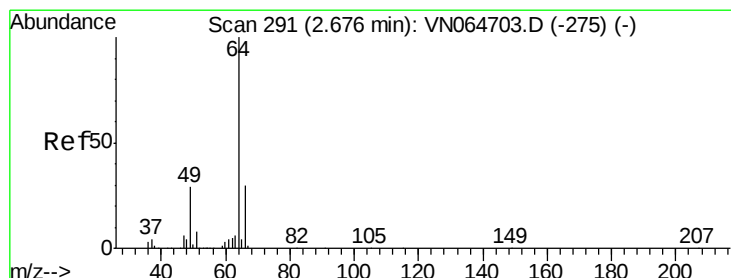
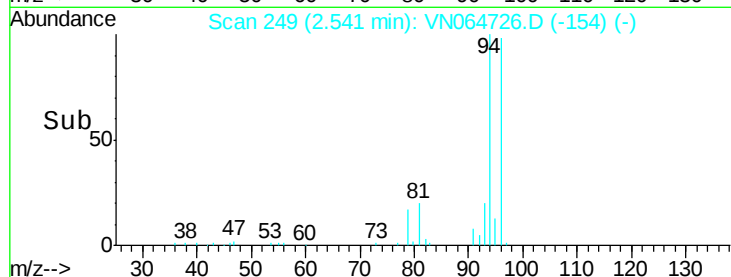
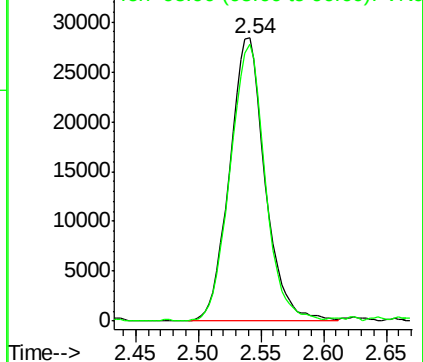
94 100

96 97.9 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: 23.017 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN064726.D

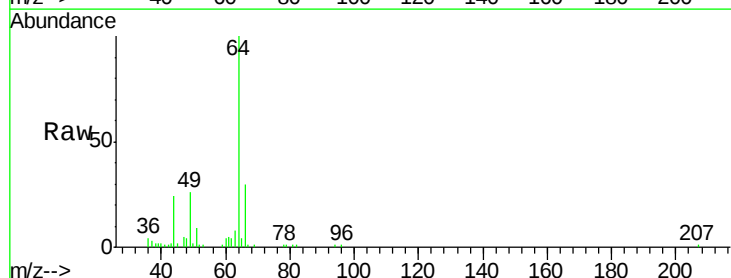
Acq: 19 Nov 2020 12:19

Tgt Ion: 64 Resp: 57418

Ion Ratio Lower Upper

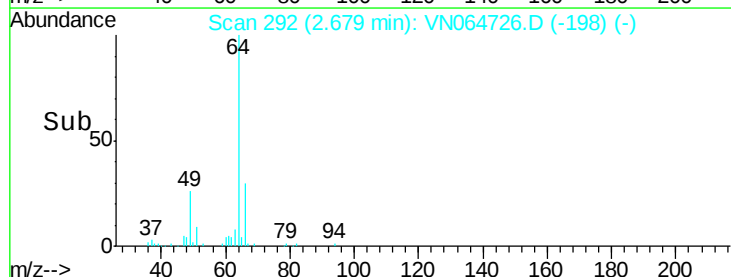
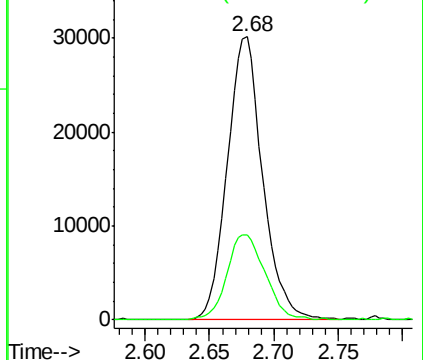
64 100

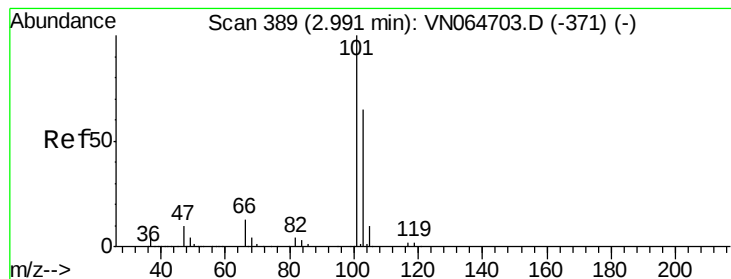
66 30.0 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 20.157 ug/l

RT: 2.99 min Scan# 389

Delta R.T. -0.00 min

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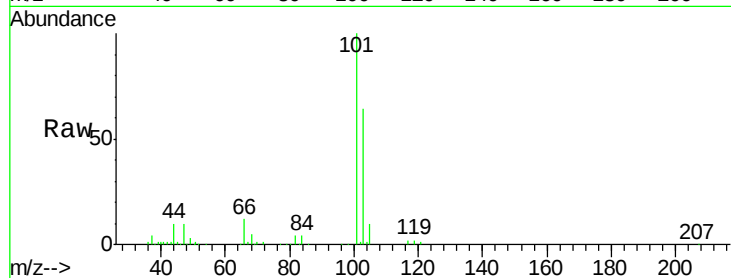
VN1119WBS01

Tot Ion:101 Resp: 133481

Ion Ratio Lower Upper

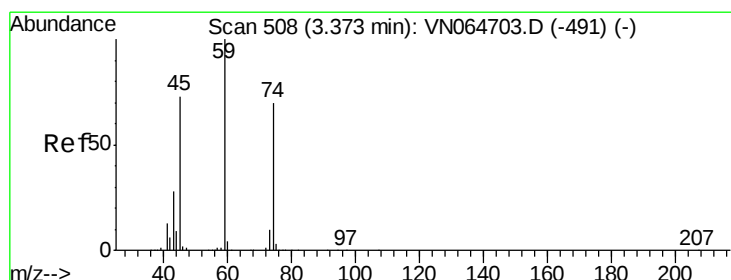
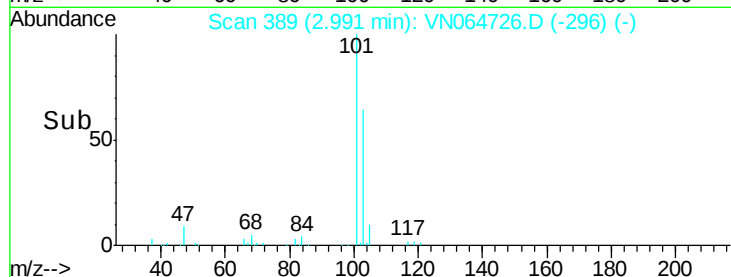
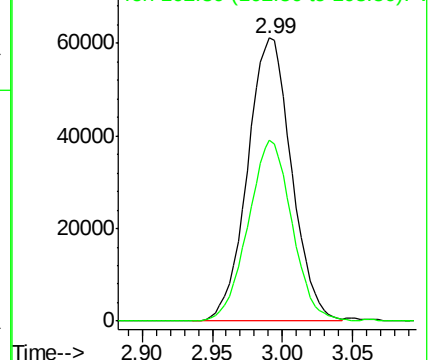
101 100

103 64.0 51.8 77.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 21.809 ug/l

RT: 3.37 min Scan# 508

Delta R.T. -0.00 min

Lab File: VN064726.D

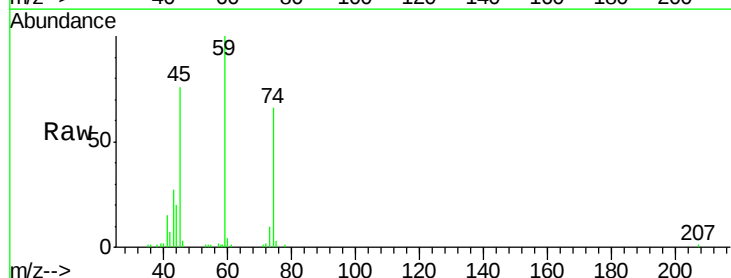
Acq: 19 Nov 2020 12:19

Tgt Ion: 74 Resp: 46599

Ion Ratio Lower Upper

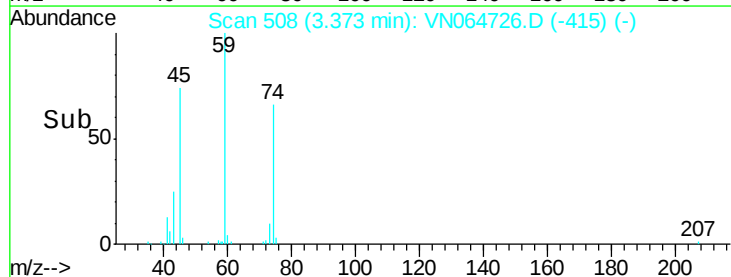
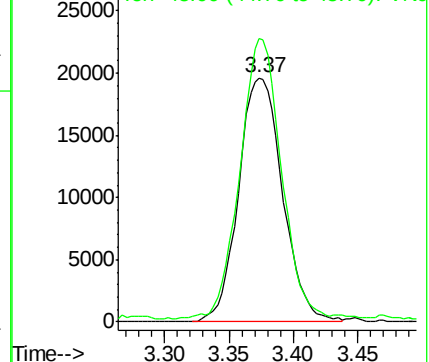
74 100

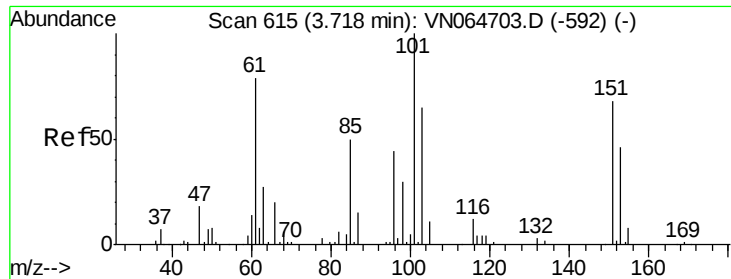
45 107.4 52.8 158.5



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.577 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

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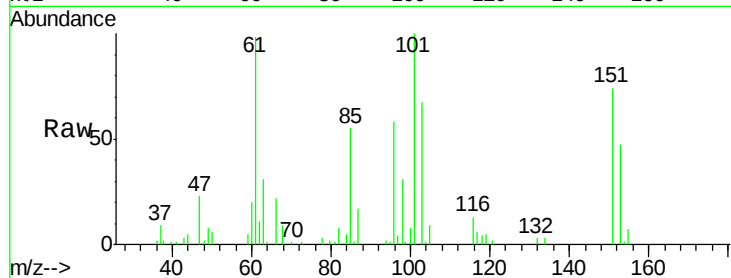
Tot Ion:101 Resp: 53164

Ion Ratio Lower Upper

101 100

85 50.7 39.0 58.4

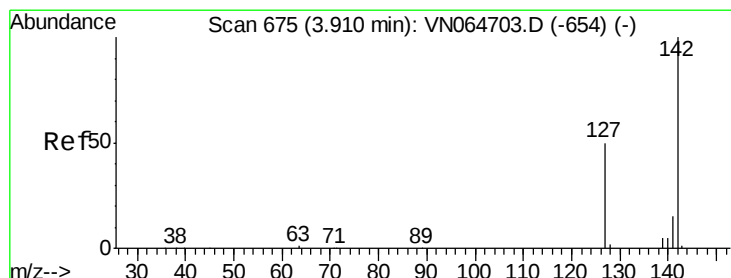
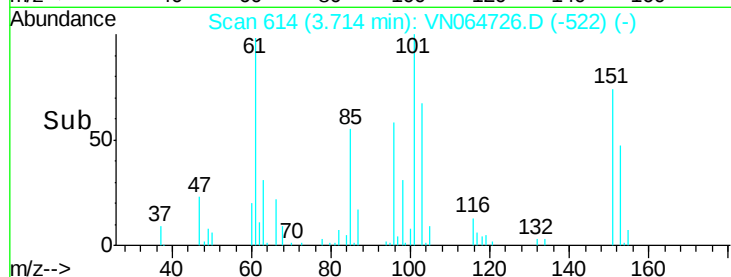
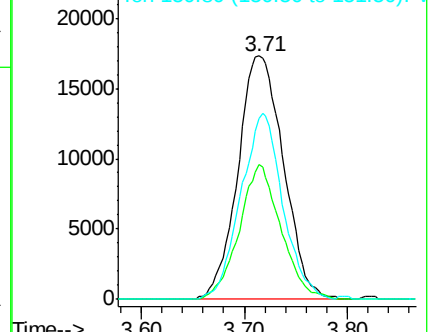
151 70.5 57.2 85.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.517 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

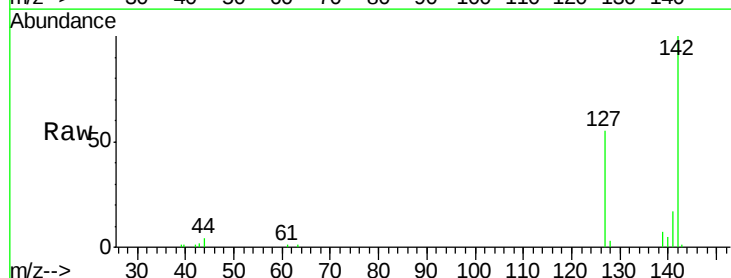
Tgt Ion:142 Resp: 59923

Ion Ratio Lower Upper

142 100

127 55.0 42.0 63.0

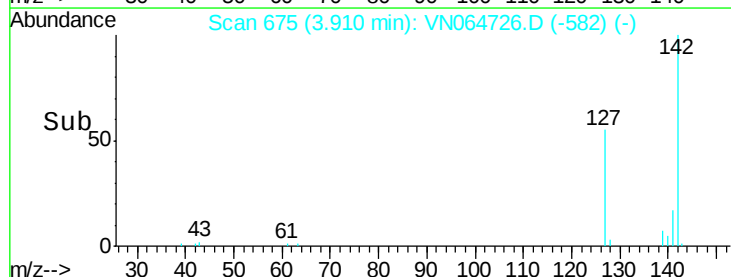
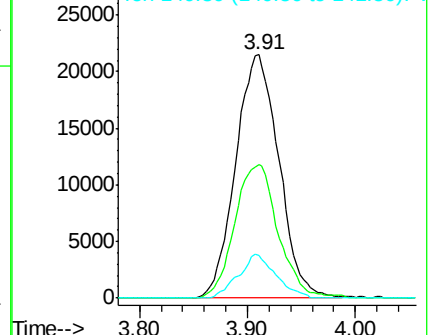
141 15.6 12.1 18.1

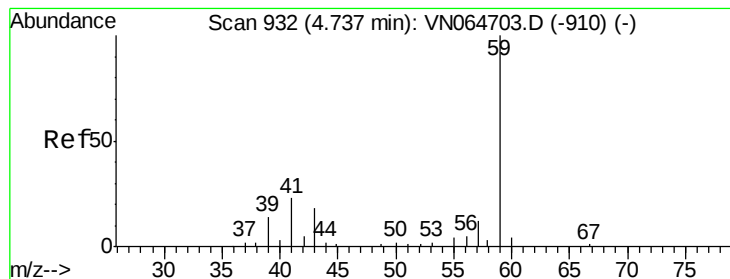


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



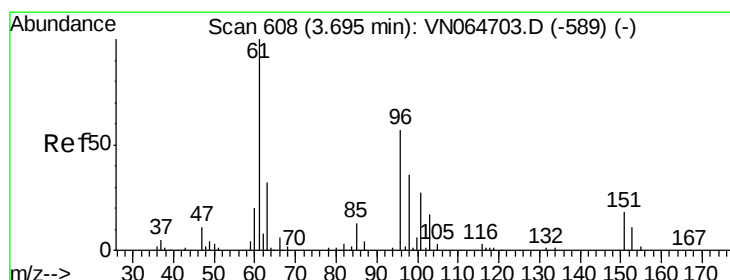
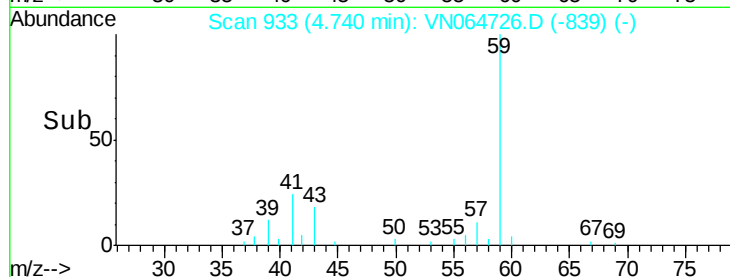
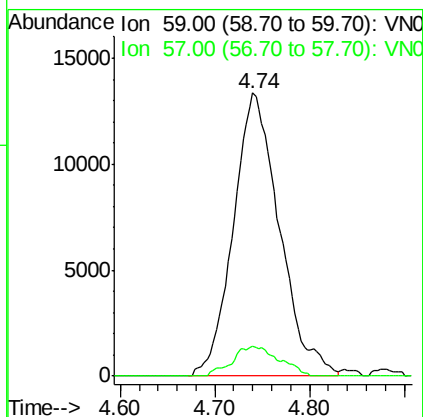
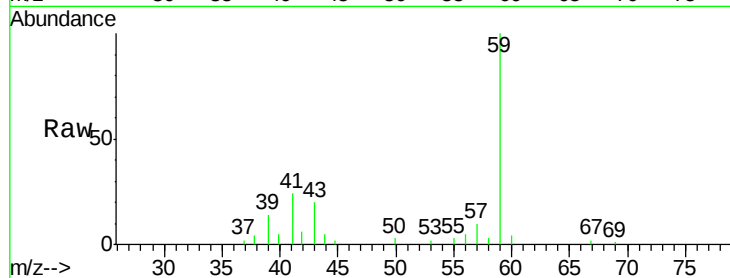


#11

Tert butyl alcohol
 Concen: 103.421 ug/l
 RT: 4.74 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Instrument :
 MSVOA_N
 ClientSampled :
 VN1119WBS01

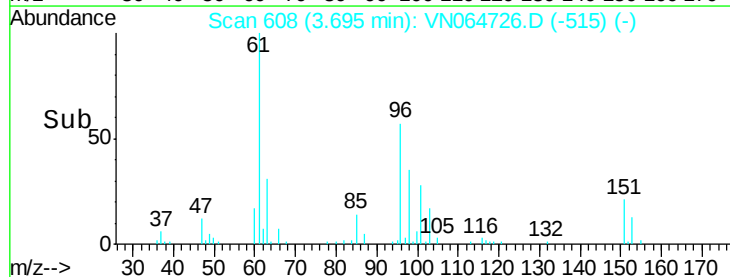
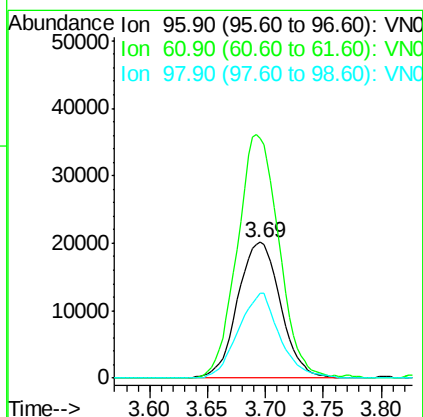
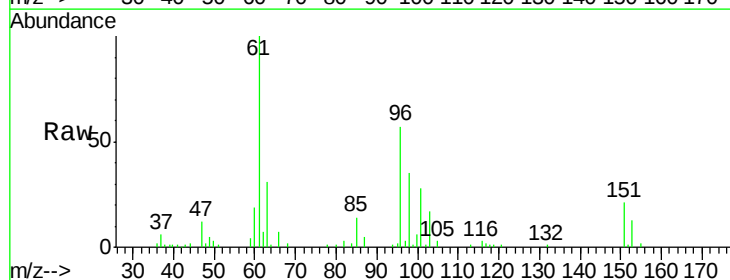
Tot Ion: 59 Resp: 45266
 Ion Ratio Lower Upper
 59 100
 57 10.7 9.1 13.7

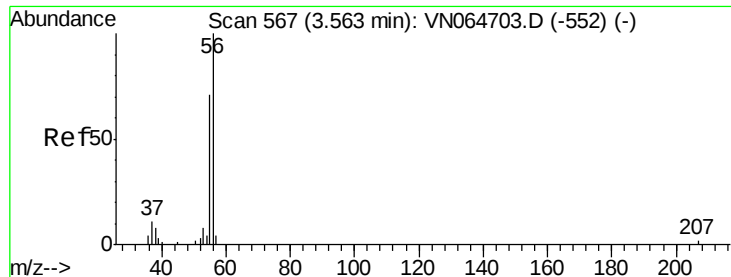


#12

1,1-Dichloroethene
 Concen: 18.821 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Tgt Ion: 96 Resp: 51894
 Ion Ratio Lower Upper
 96 100
 61 176.6 139.1 208.7
 98 62.6 50.2 75.2





#13

Acrolein

Concen: 133.547 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

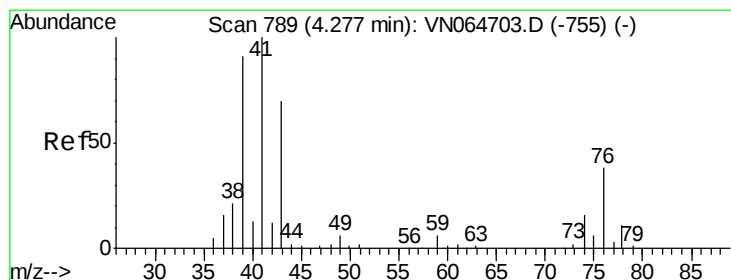
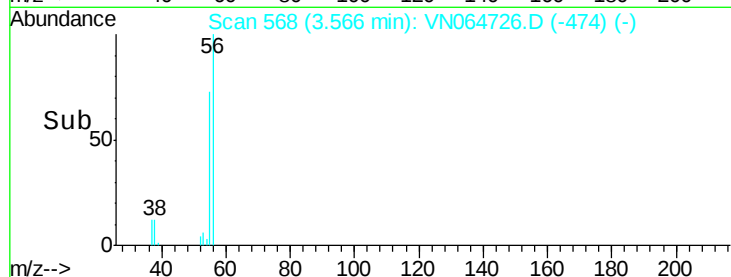
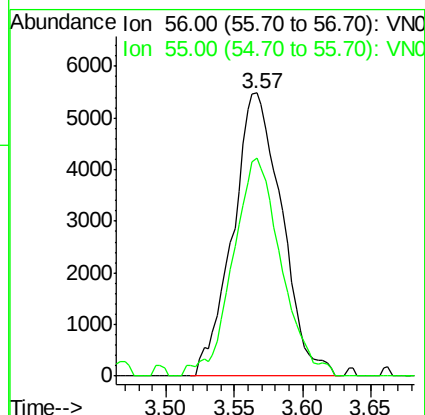
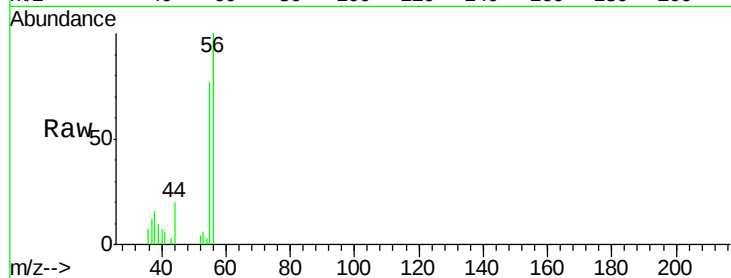
VN1119WBS01

Tot Ion: 56 Resp: 13685

Ion Ratio Lower Upper

56 100

55 75.7 61.8 92.6



#14

Allyl chloride

Concen: 18.646 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

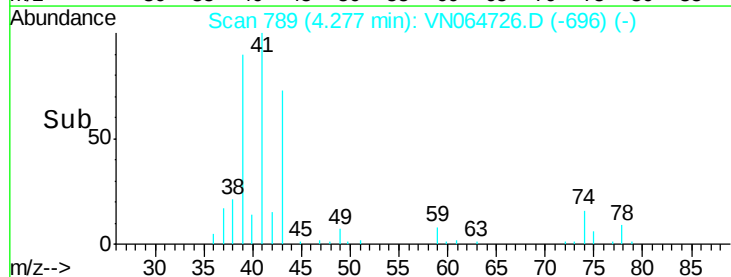
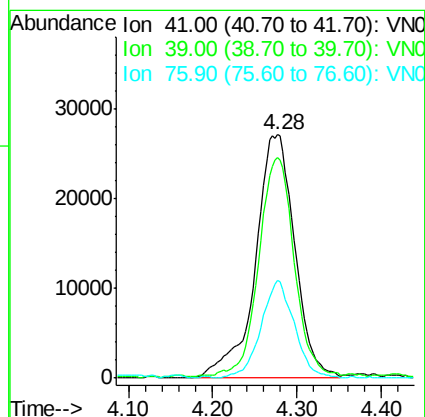
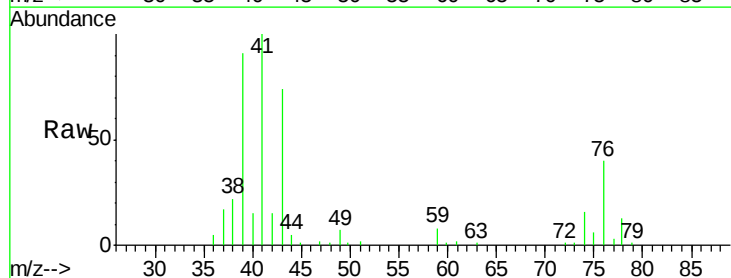
Tgt Ion: 41 Resp: 88276

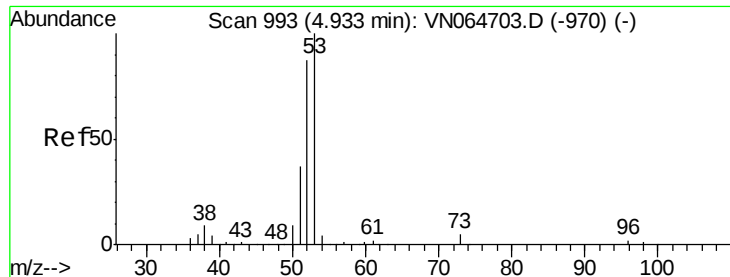
Ion Ratio Lower Upper

41 100

39 79.4 66.1 99.1

76 34.0 26.6 40.0





#15

Acrylonitrile

Concen: 97.036 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

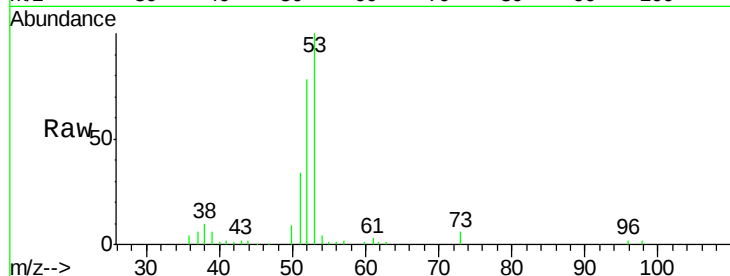
Tot Ion: 53 Resp: 124711

Ion Ratio Lower Upper

53 100

52 82.0 67.2 100.8

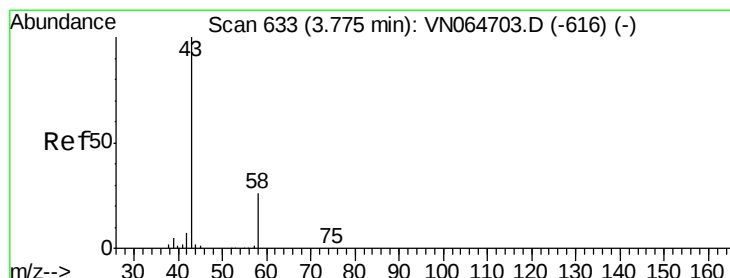
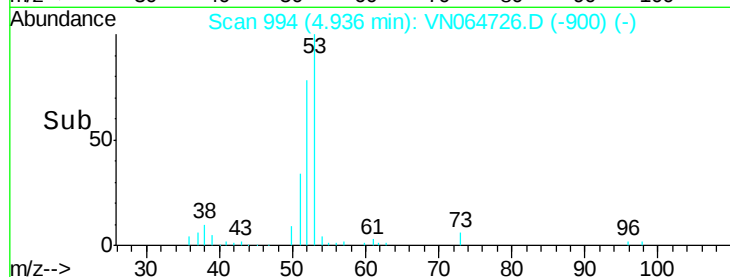
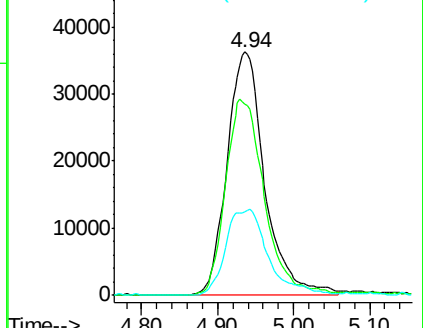
51 39.9 31.0 46.6



Abundance Ion 53.00 (52.70 to 53.70): VN064726.D (-900) (-)

Ion 52.00 (51.70 to 52.70): VN064726.D (-900) (-)

Ion 51.00 (50.70 to 51.70): VN064726.D (-900) (-)



#16

Acetone

Concen: 99.534 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064726.D

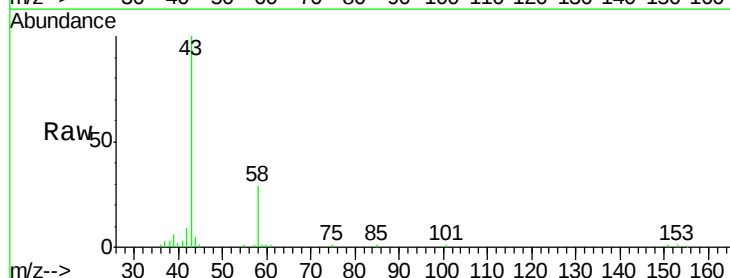
Acq: 19 Nov 2020 12:19

Tgt Ion: 43 Resp: 105251

Ion Ratio Lower Upper

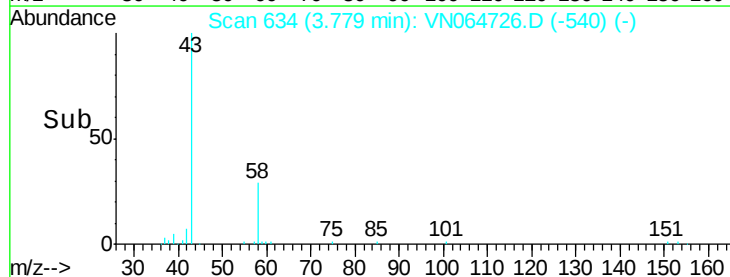
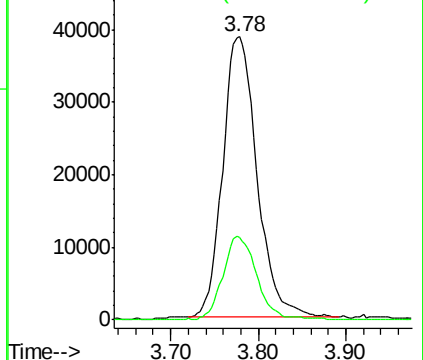
43 100

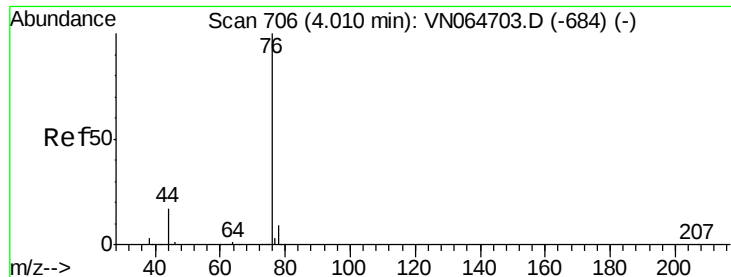
58 29.4 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN064726.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064726.D (-540) (-)

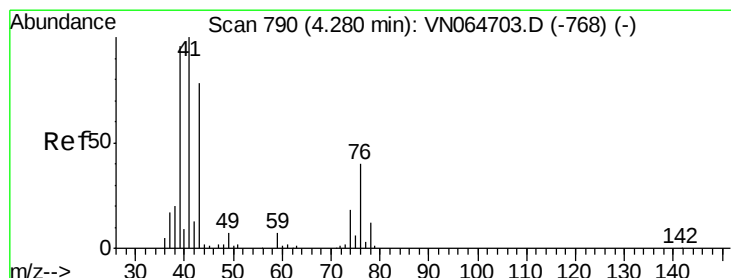
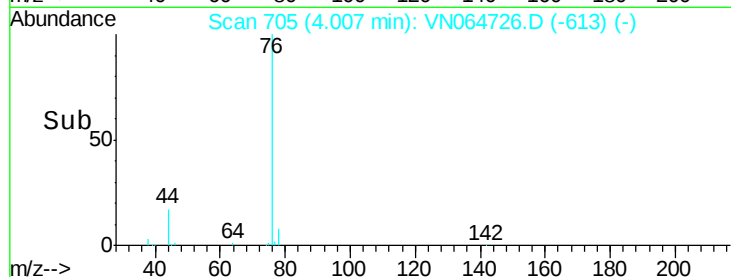
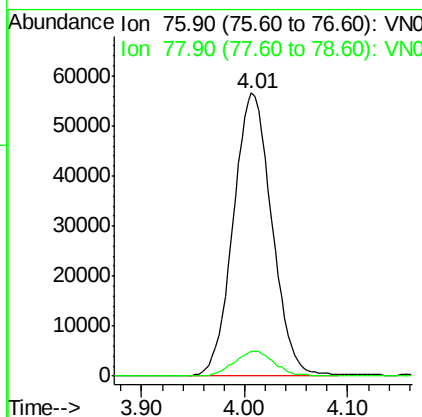
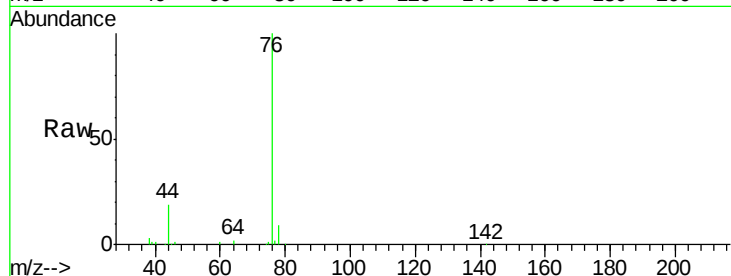




#17
Carbon Disulfide
Concen: 18.467 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

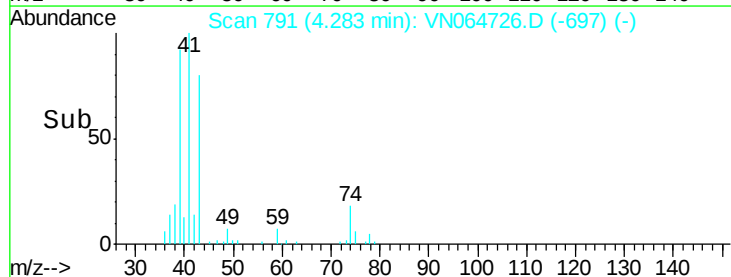
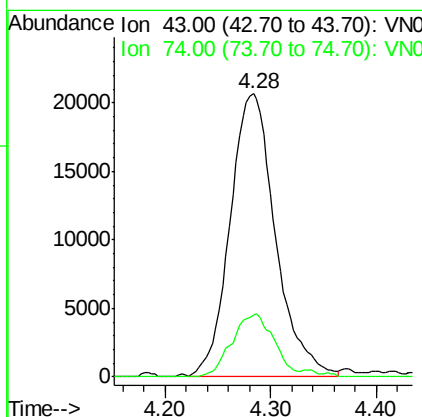
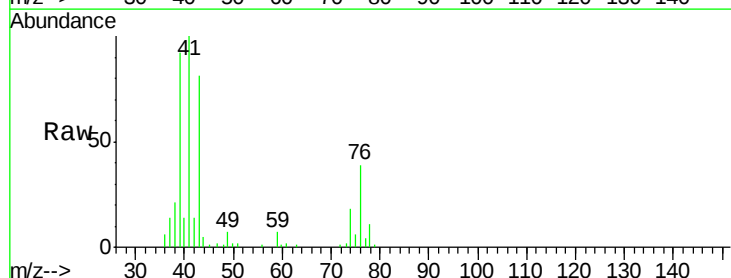
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

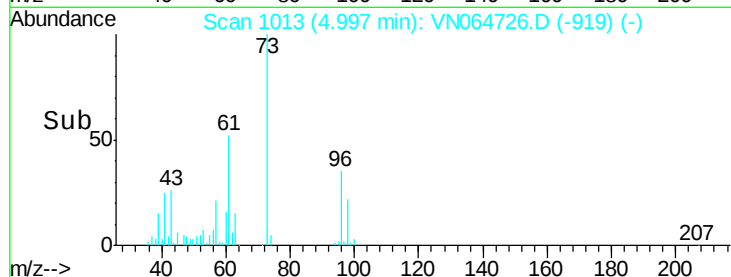
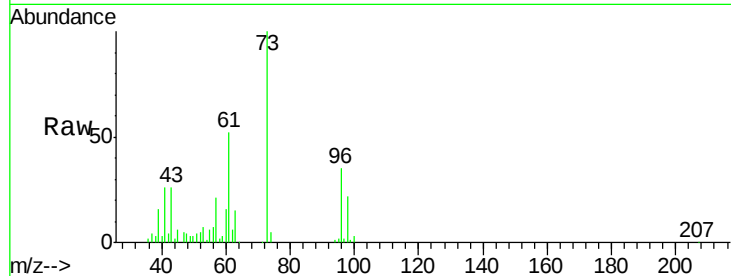
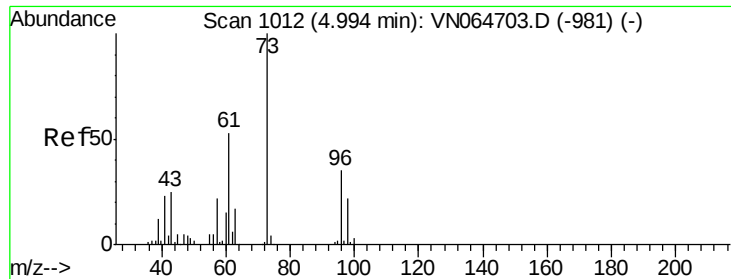
Tot Ion: 76 Resp: 147408
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 19.511 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion: 43 Resp: 61826
Ion Ratio Lower Upper
43 100
74 20.6 17.6 26.4





#19

Methyl tert-butyl Ether

Concen: 18.366 ug/l

RT: 5.00 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

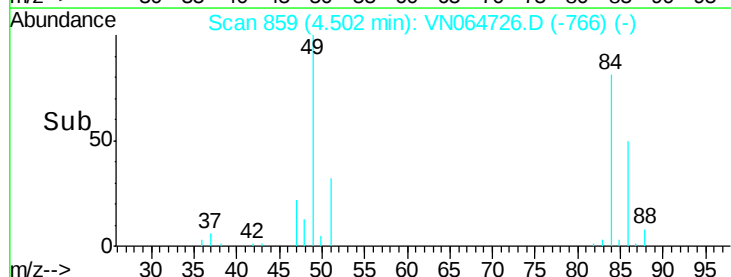
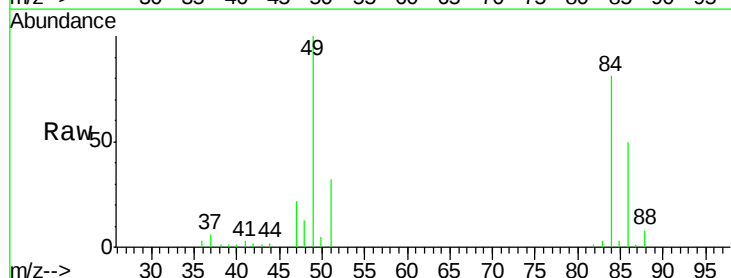
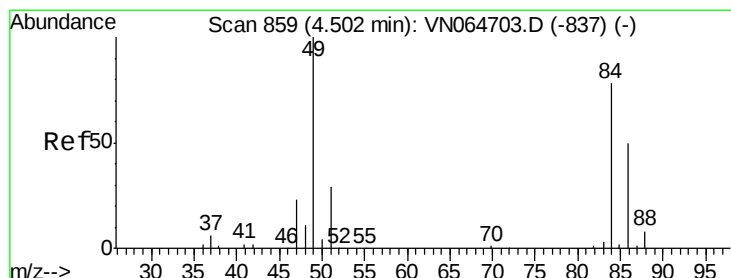
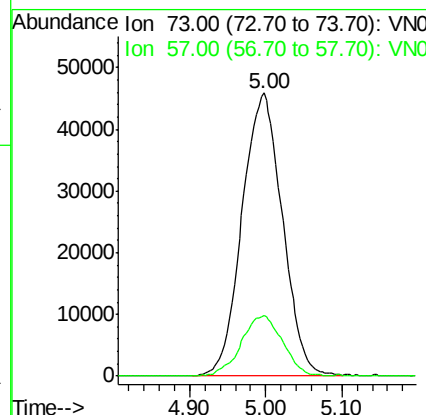
VN1119WBS01

Tot Ion: 73 Resp: 169440

Ion Ratio Lower Upper

73 100

57 21.5 17.3 25.9



#20

Methylene Chloride

Concen: 18.805 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Tgt Ion: 84 Resp: 62824

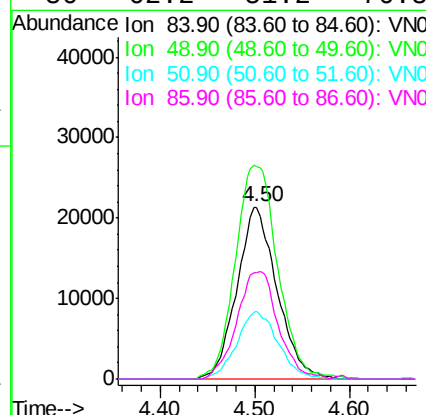
Ion Ratio Lower Upper

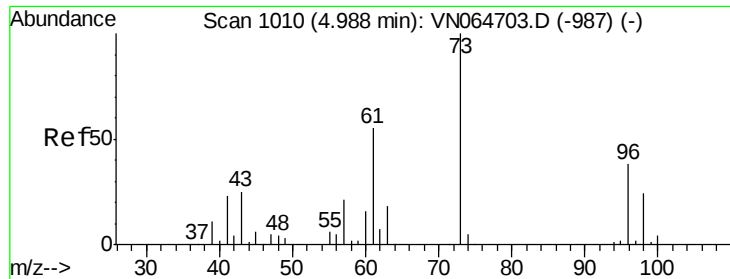
84 100

49 124.0 102.4 153.6

51 39.5 29.4 44.2

86 62.2 51.2 76.8

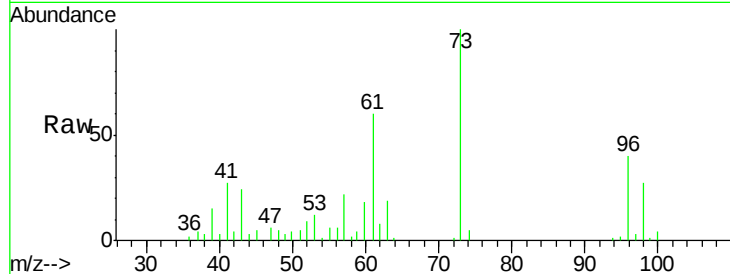




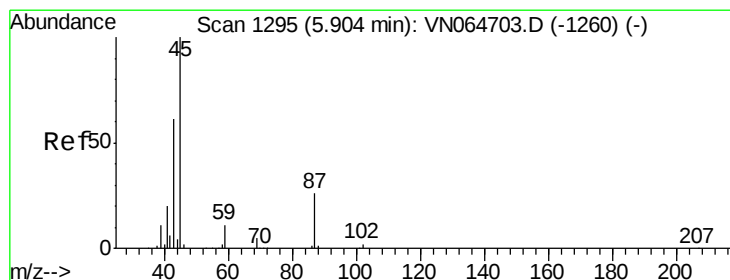
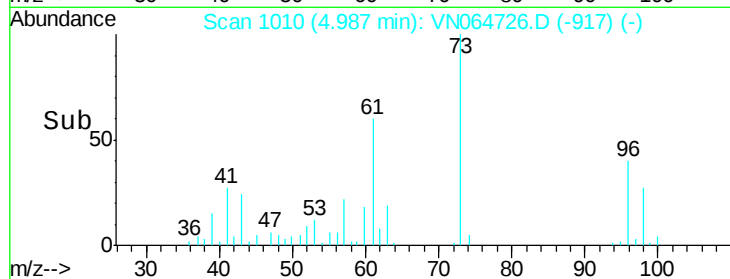
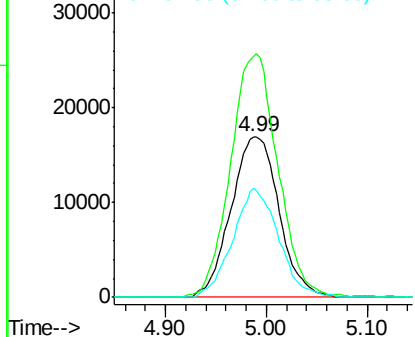
#21
trans-1,2-Dichloroethene
Concen: 18.183 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion: 96 Resp: 55940
Ion Ratio Lower Upper
96 100
61 148.3 117.9 176.9
98 67.7 51.1 76.7

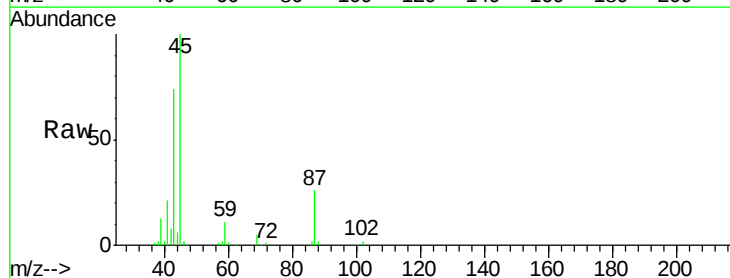


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

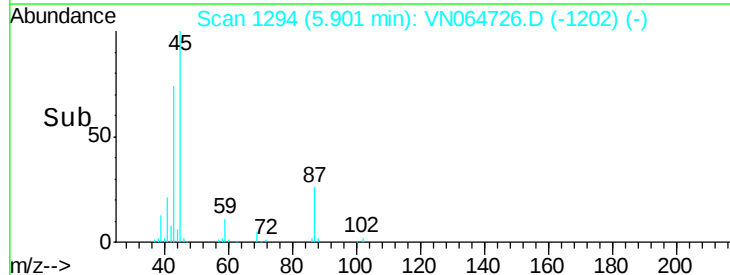
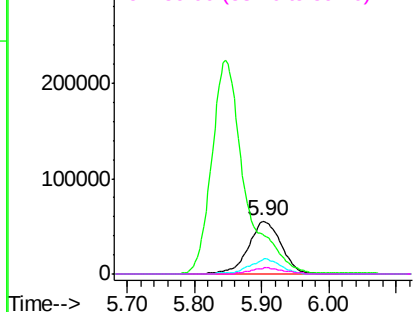


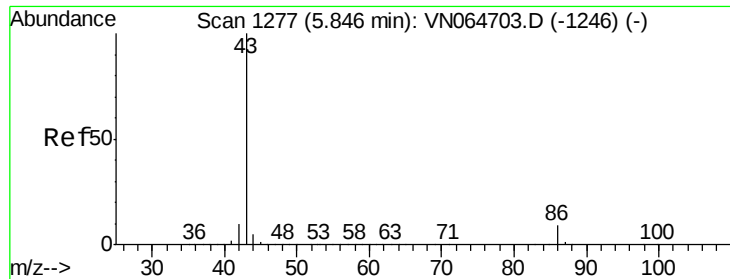
#22
Diisopropyl ether
Concen: 18.866 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion: 45 Resp: 188616
Ion Ratio Lower Upper
45 100
43 72.6 52.3 78.5
87 26.2 21.6 32.4
59 10.8 8.7 13.1



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

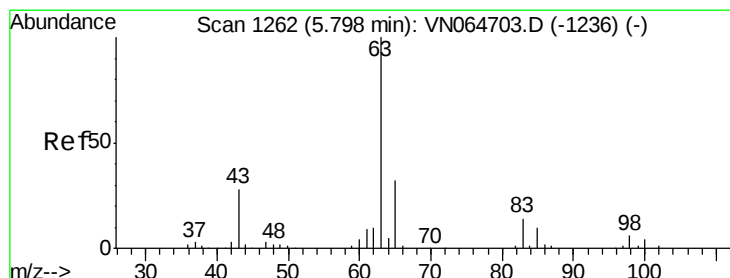
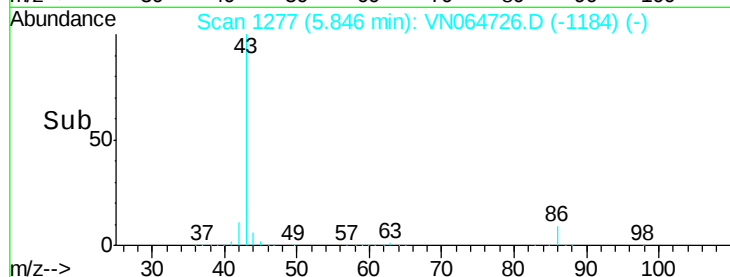
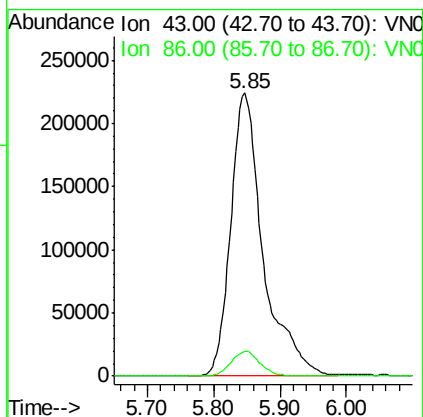
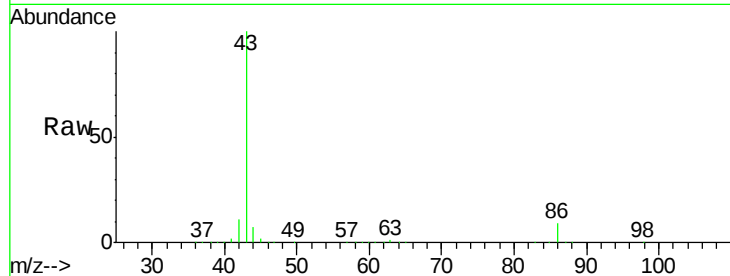




#23
 Vinyl Acetate
 Concen: 94.804 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

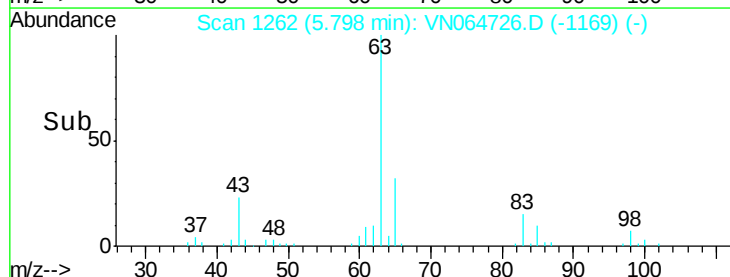
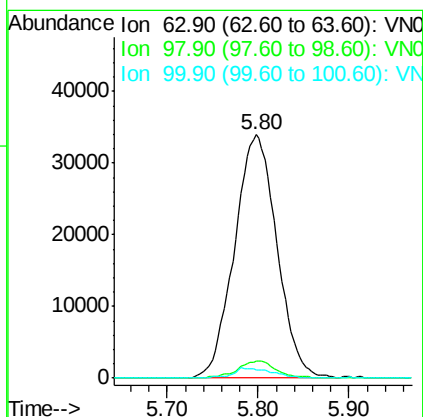
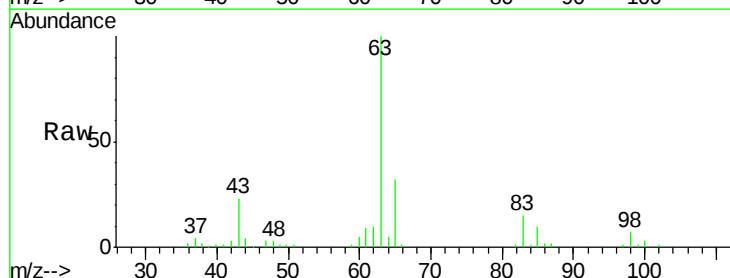
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

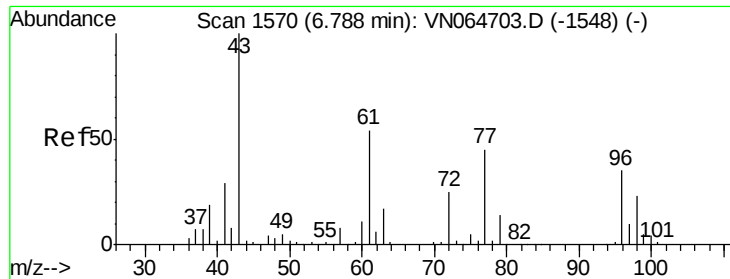
Tot Ion: 43 Resp: 764941
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 18.743 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Tgt Ion: 63 Resp: 109792
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.2 9.6
 100 3.5 1.9 5.7





#25

2-Butanone

Concen: 98.106 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

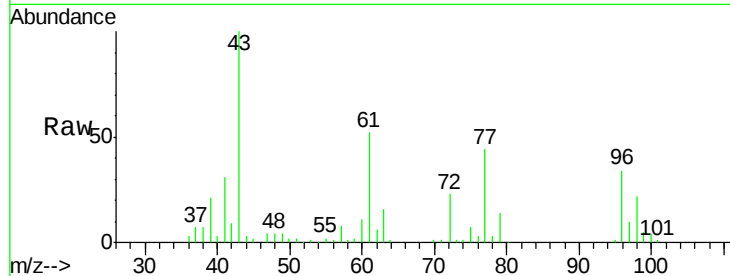
VN1119WBS01

Tot Ion: 43 Resp: 169218

Ion Ratio Lower Upper

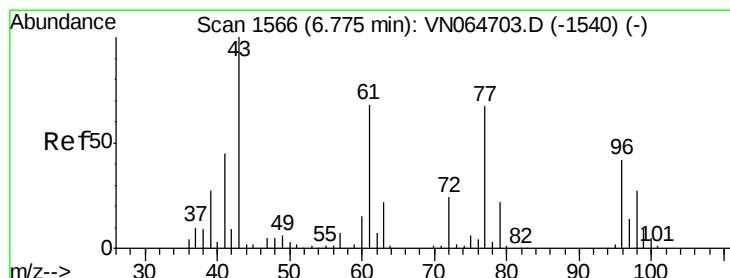
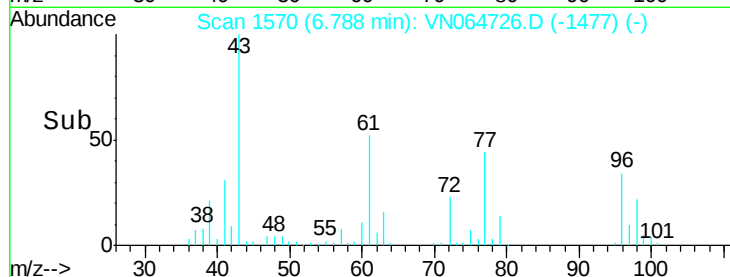
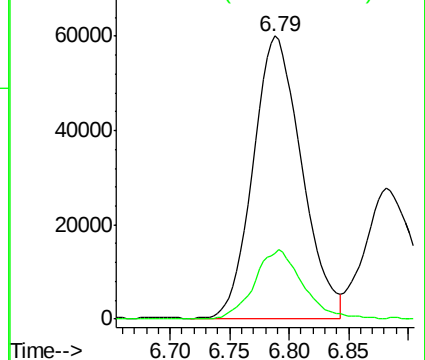
43 100

72 23.4 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 18.215 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064726.D

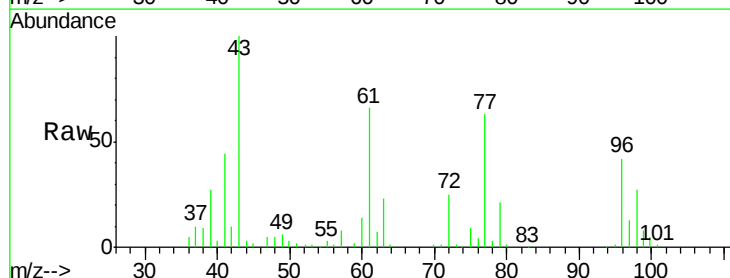
Acq: 19 Nov 2020 12:19

Tgt Ion: 77 Resp: 101385

Ion Ratio Lower Upper

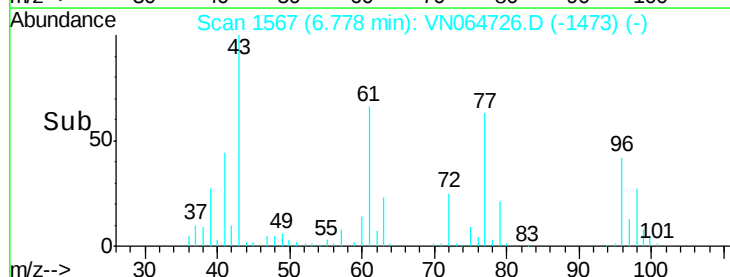
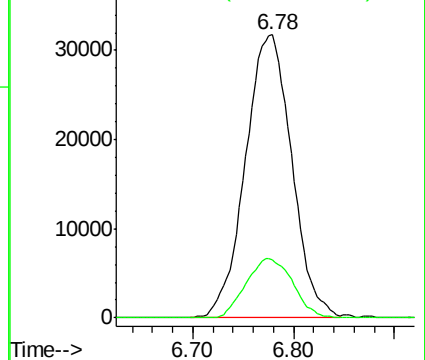
77 100

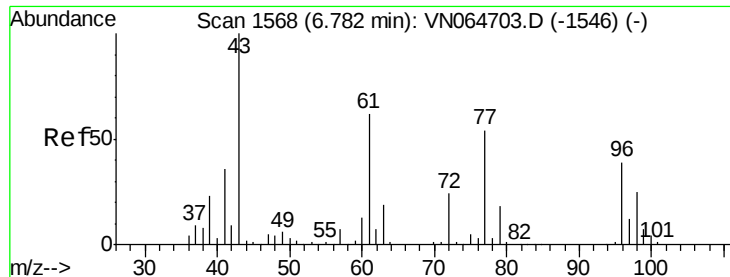
97 20.9 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 18.560 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

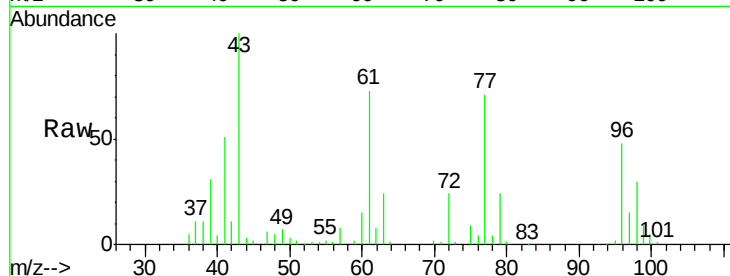
Tot Ion: 96 Resp: 62952

Ion Ratio Lower Upper

96 100

61 159.1 0.0 322.6

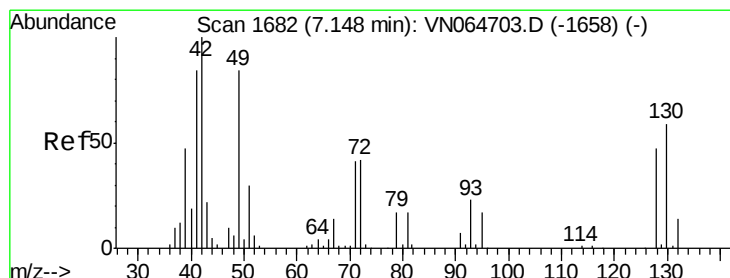
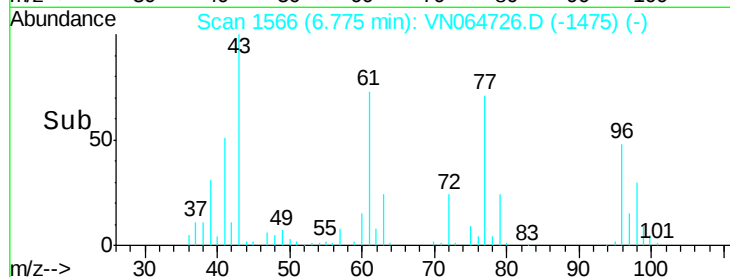
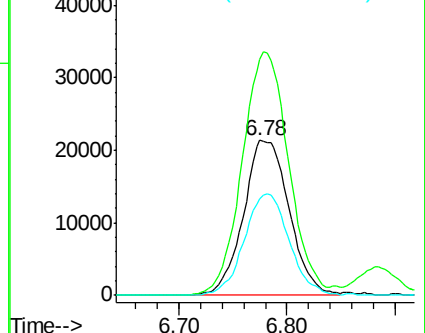
98 64.1 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN064726.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN064726.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN064726.D (-1475) (-)



#28

Bromochloromethane

Concen: 17.389 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

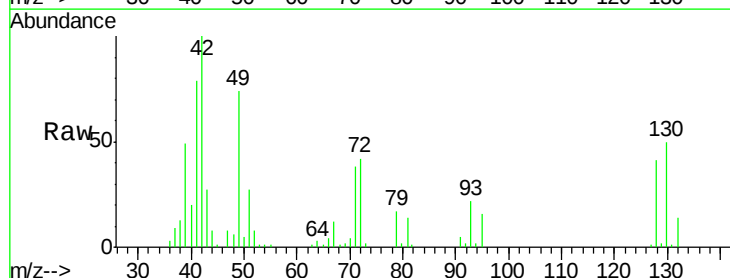
Tgt Ion: 49 Resp: 51357

Ion Ratio Lower Upper

49 100

129 0.8 0.0 3.8

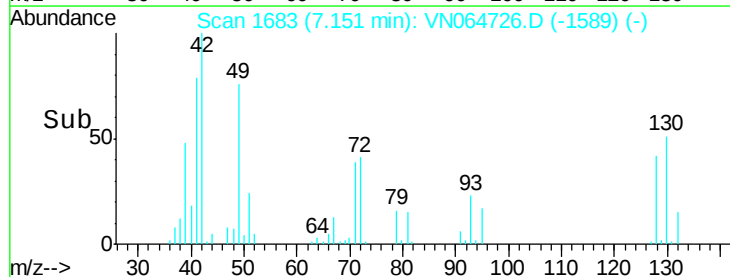
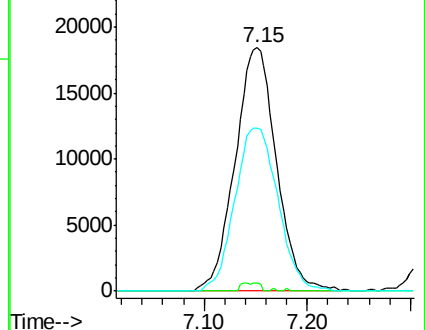
130 70.0 56.2 84.4

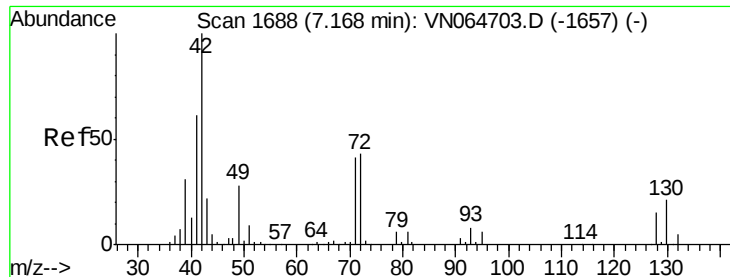


Abundance Ion 48.90 (48.60 to 49.60): VN064726.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064726.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064726.D (-1589) (-)





#29

Tetrahydrofuran

Concen: 97.746 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VN1119WBS01

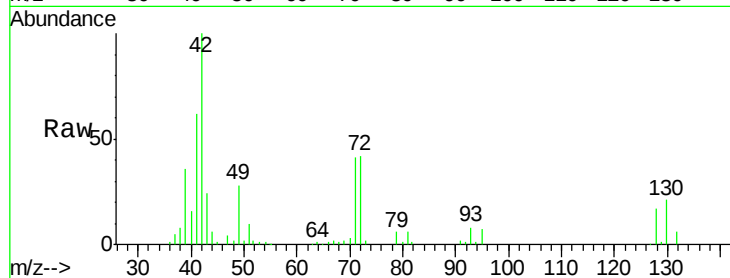
Tot Ion: 42 Resp: 113915

Ion Ratio Lower Upper

42 100

72 41.6 33.0 49.4

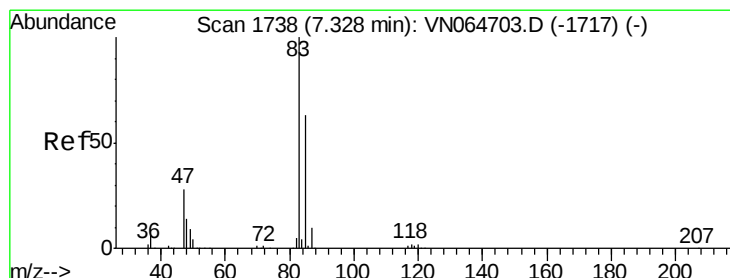
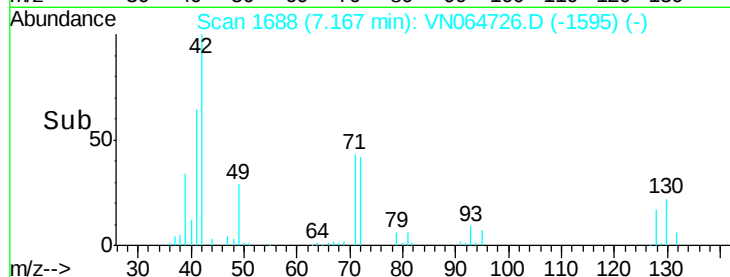
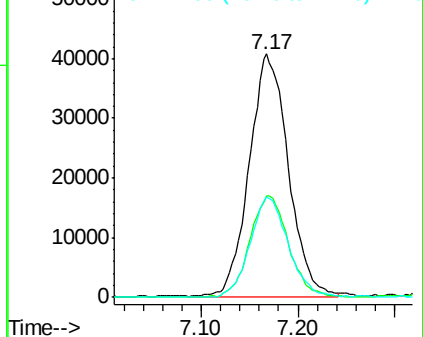
71 40.6 31.8 47.6



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.119 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN064726.D

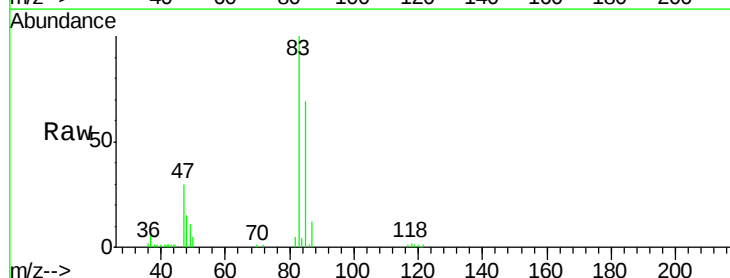
Acq: 19 Nov 2020 12:19

Tgt Ion: 83 Resp: 121703

Ion Ratio Lower Upper

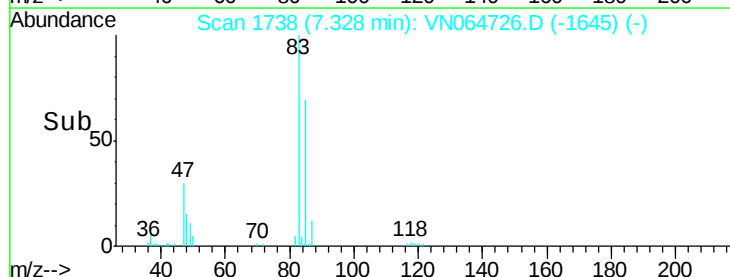
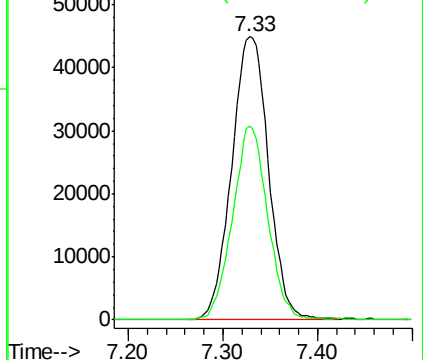
83 100

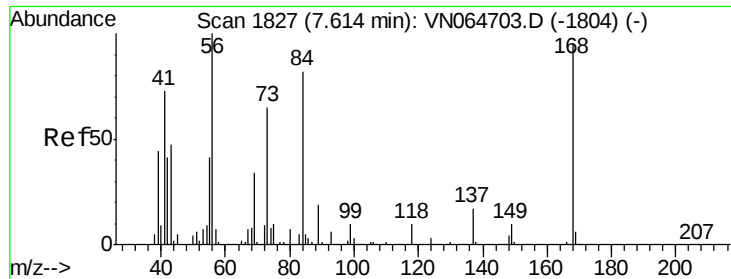
85 68.6 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

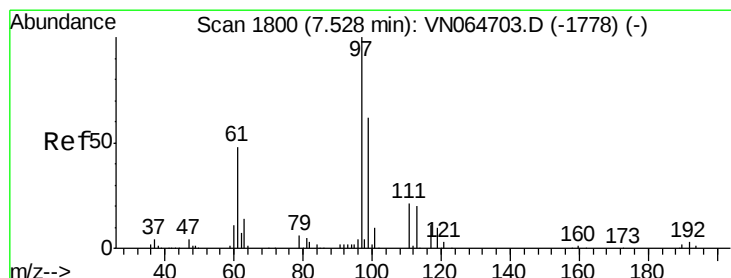
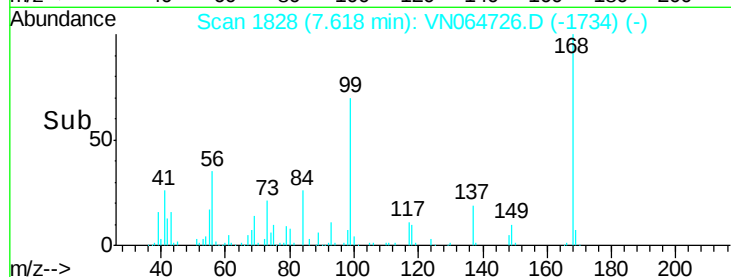
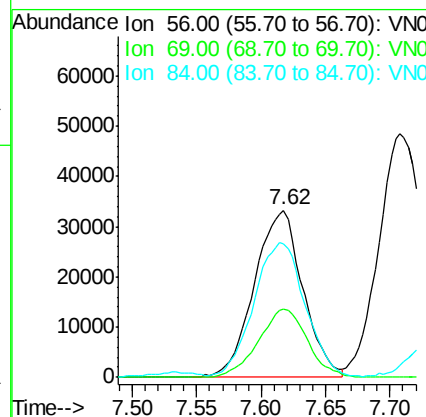
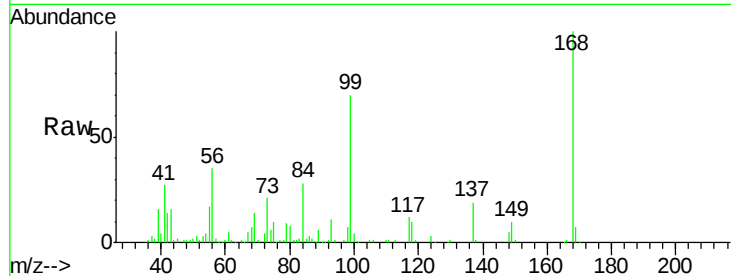




#31
Cyclohexane
Concen: 17.877 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

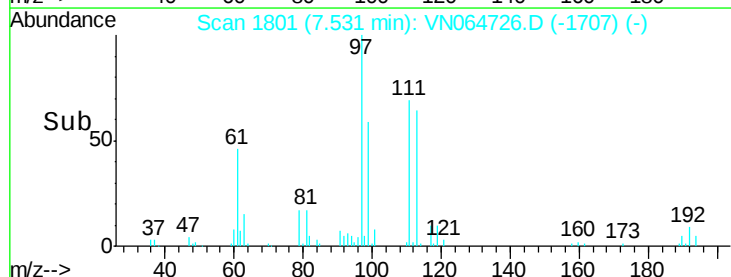
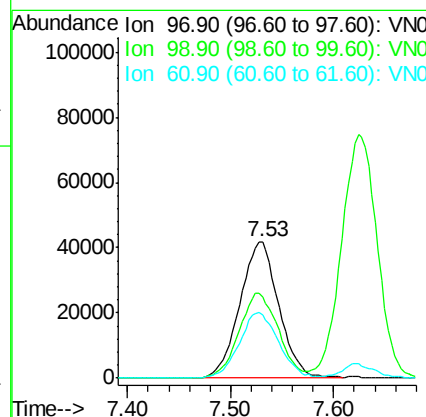
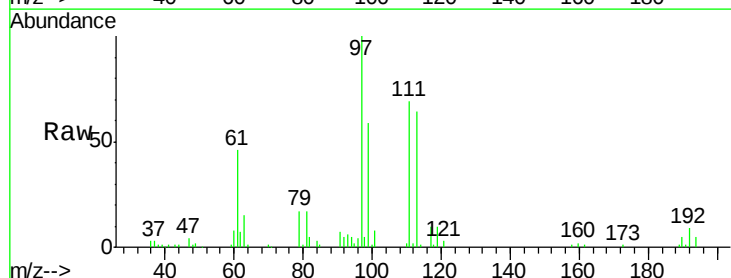
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

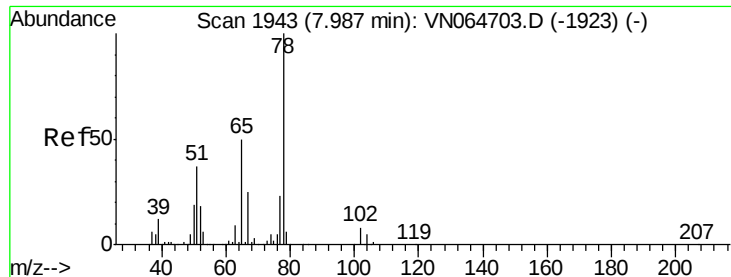
Tot Ion: 56 Resp: 87196
Ion Ratio Lower Upper
56 100
69 41.1 27.2 40.8#
84 77.5 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 18.835 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion: 97 Resp: 109590
Ion Ratio Lower Upper
97 100
99 62.8 50.6 76.0
61 48.7 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 49.467 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

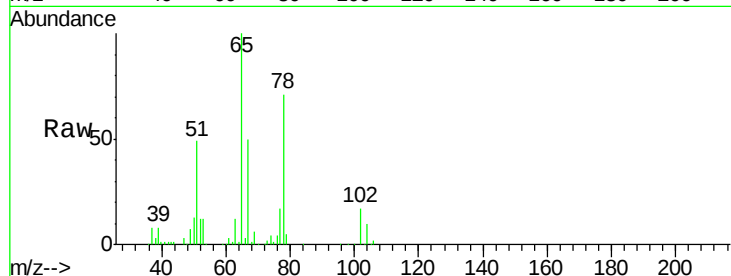
VN1119WBS01

Tot Ion: 65 Resp: 223171

Ion Ratio Lower Upper

65 100

67 50.0 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VN064726.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064726.D (-1850) (-)

7.99

100000

80000

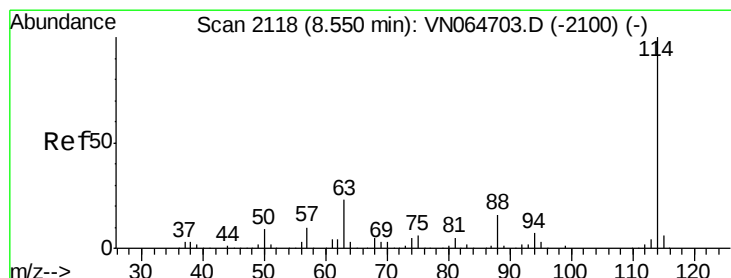
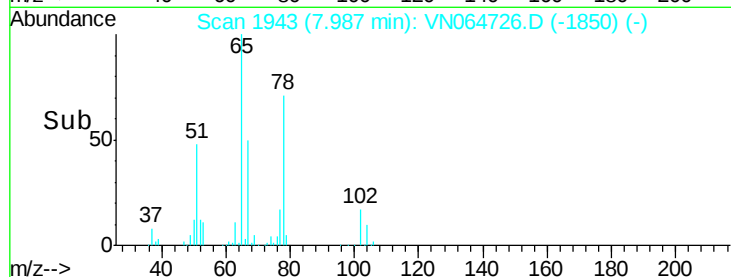
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

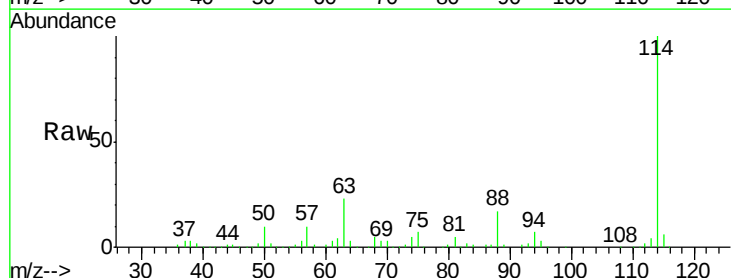
Tgt Ion: 114 Resp: 445539

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.0

88 16.6 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN064726.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064726.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064726.D (-2025) (-)

8.55

250000

200000

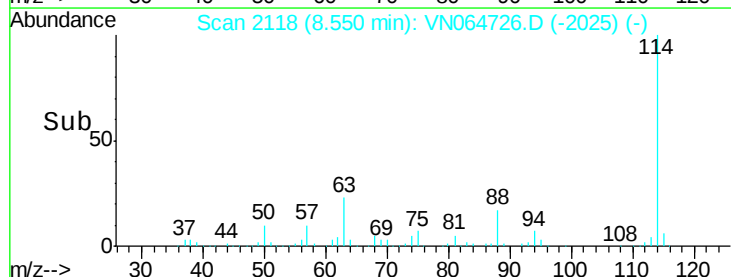
150000

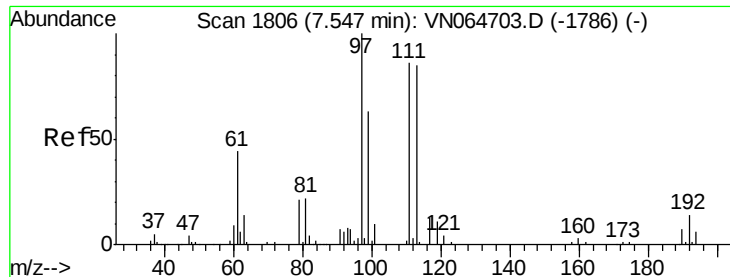
100000

50000

0

Time-->

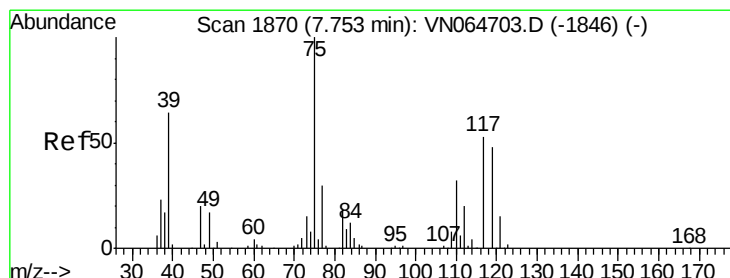
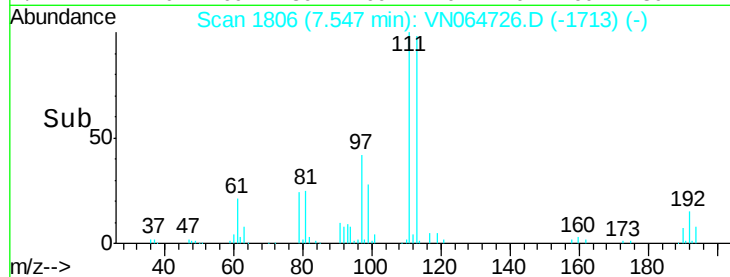
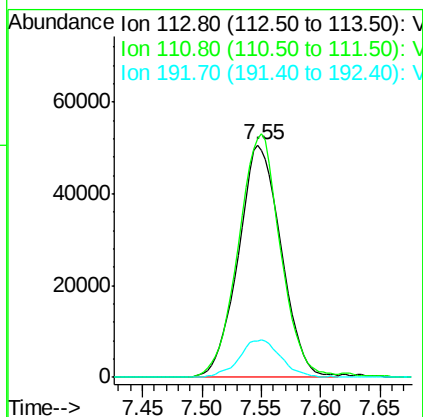
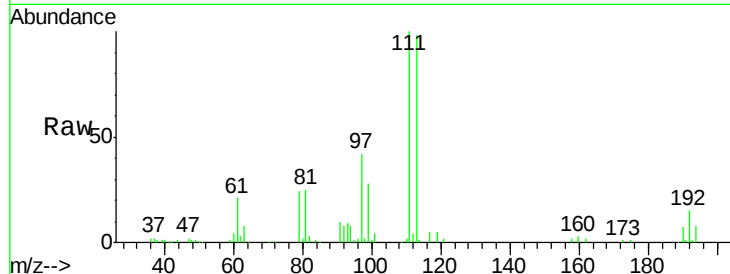




#35
 Dibromofluoromethane
 Concen: 49.744 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

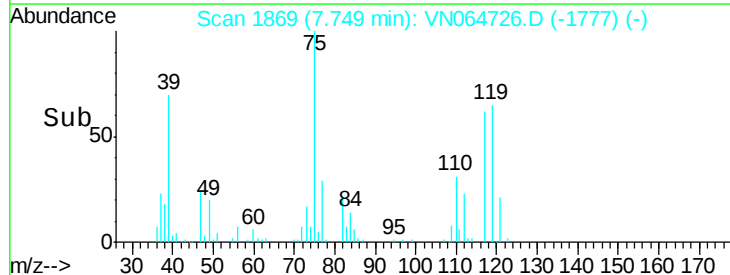
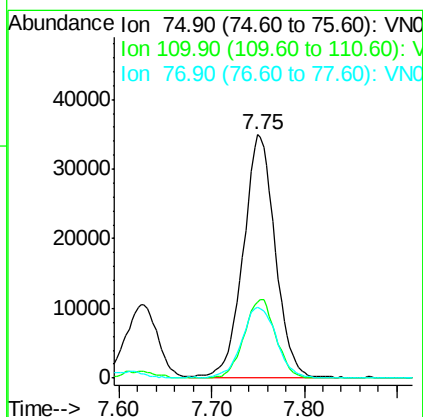
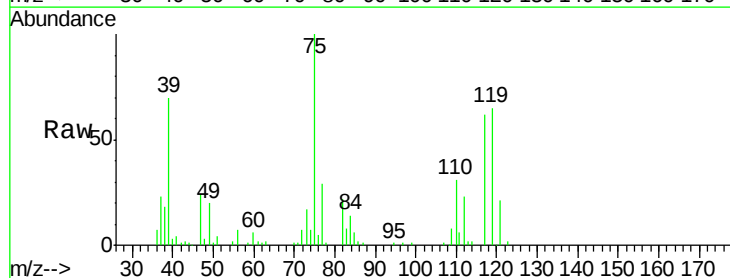
Instrument :
 MSVOA_N
 ClientSampled :
 VN1119WBS01

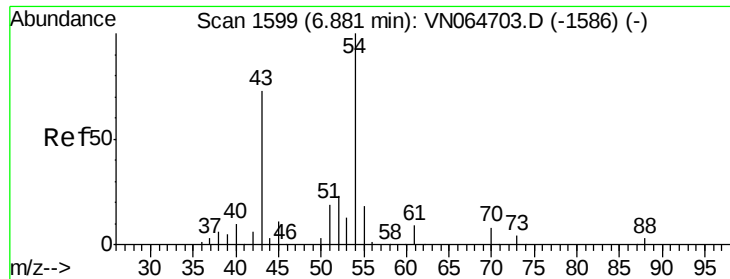
Tot Ion:113 Resp: 126145
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.2 123.4
 192 15.7 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 18.325 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Tgt Ion: 75 Resp: 83995
 Ion Ratio Lower Upper
 75 100
 110 31.5 16.2 48.6
 77 31.2 24.4 36.6

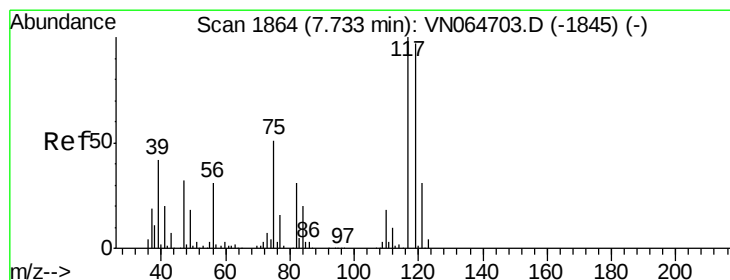
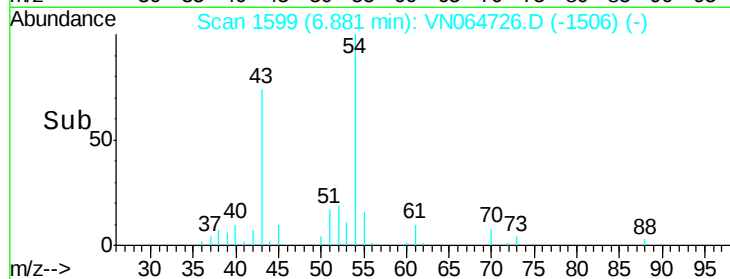
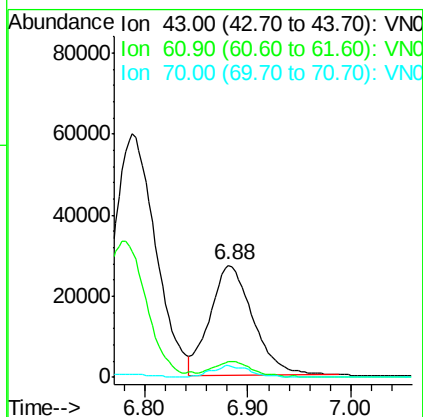
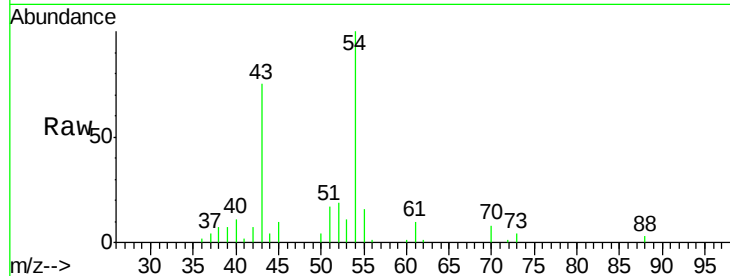




#37
Ethyl Acetate
Concen: 20.609 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

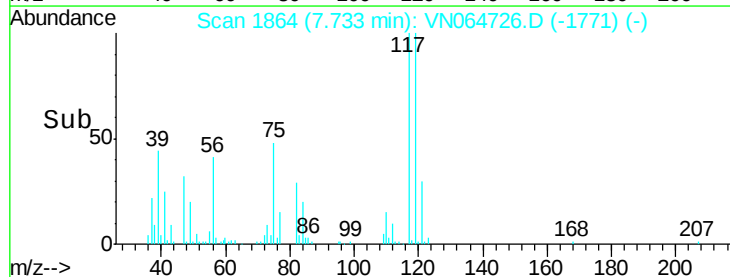
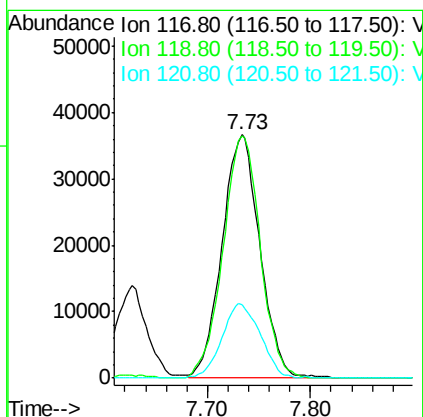
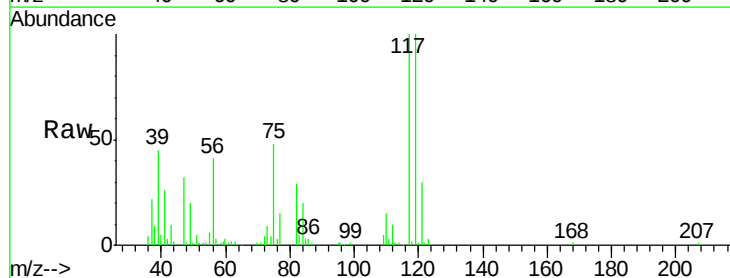
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

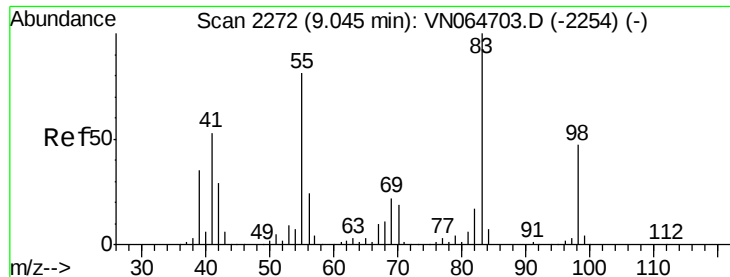
Tot Ion: 43 Resp: 79099
Ion Ratio Lower Upper
43 100
61 12.1 10.4 15.6
70 9.4 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.224 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion: 117 Resp: 93646
Ion Ratio Lower Upper
117 100
119 99.8 77.8 116.6
121 30.2 24.9 37.3

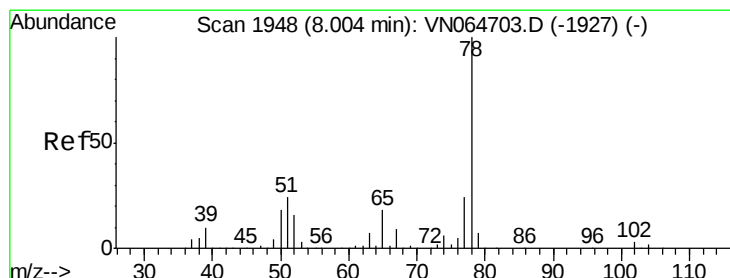
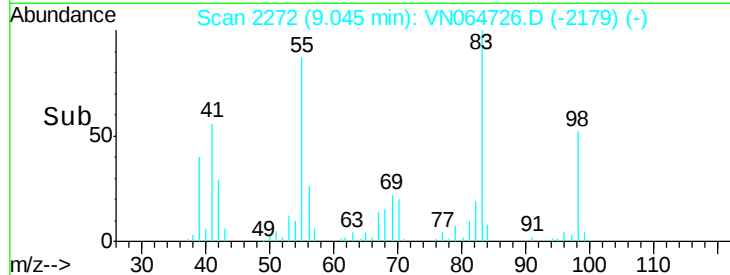
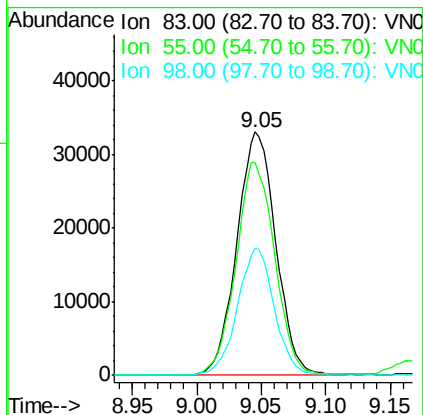
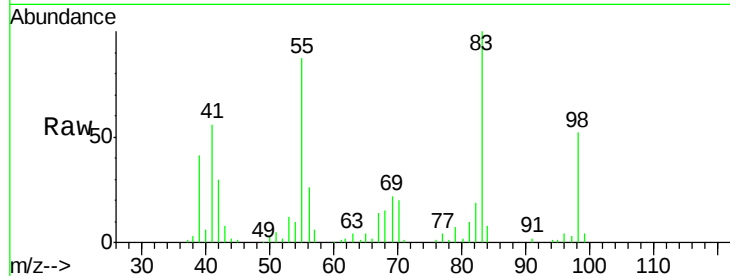




#39
Methvlcvclohexane
Concen: 17.107 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

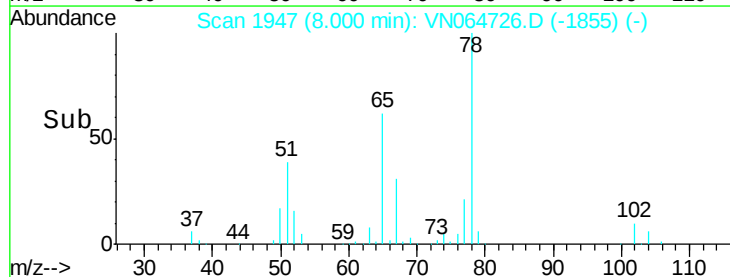
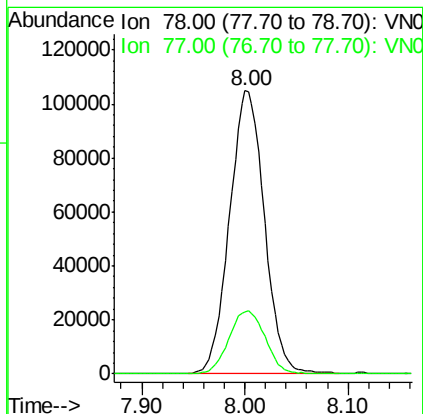
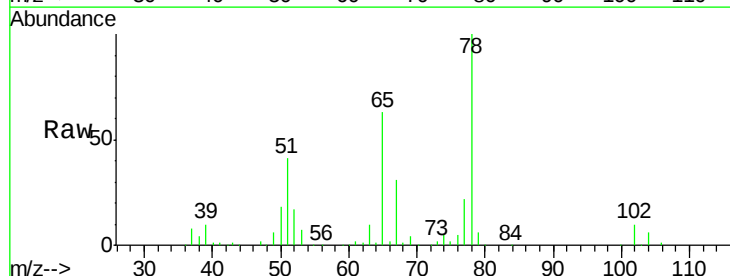
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

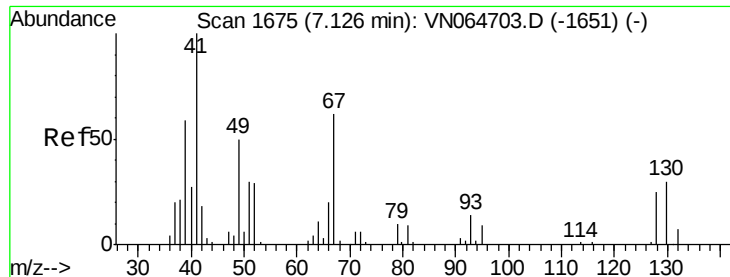
Tot Ion: 83 Resp: 69481
Ion Ratio Lower Upper
83 100
55 87.2 64.6 97.0
98 52.4 37.7 56.5



#40
Benzene
Concen: 19.367 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion: 78 Resp: 247347
Ion Ratio Lower Upper
78 100
77 21.6 19.2 28.8

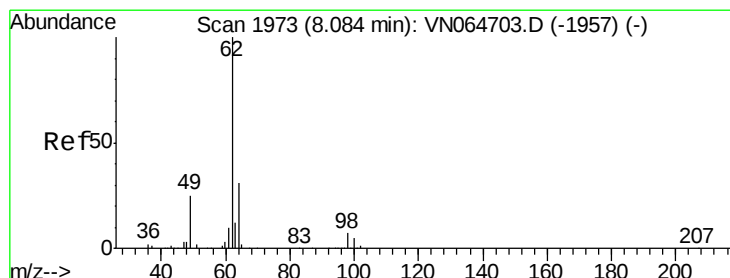
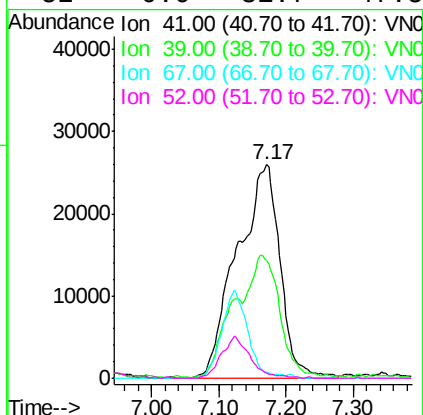
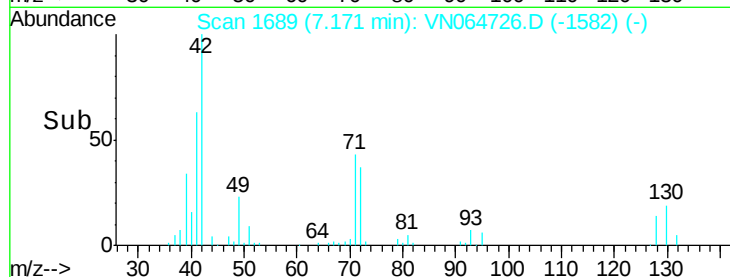
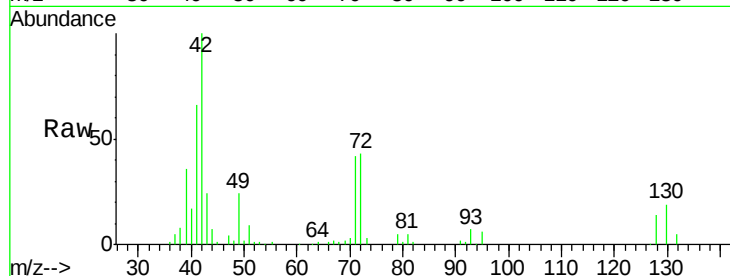




#41
Methacrylonitrile
Concen: 65.554 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.04 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

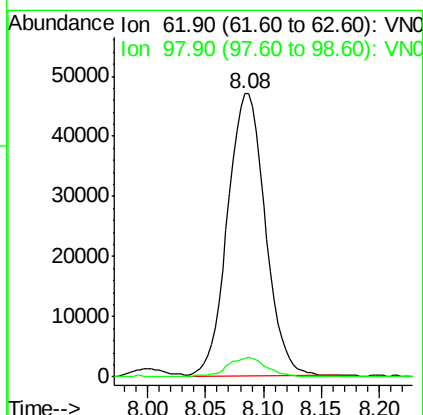
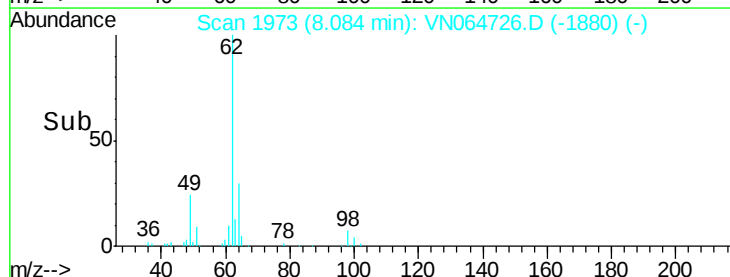
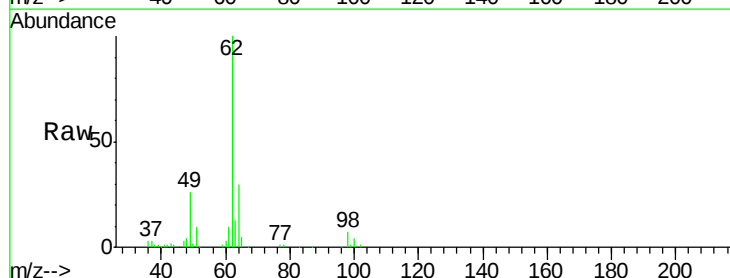
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

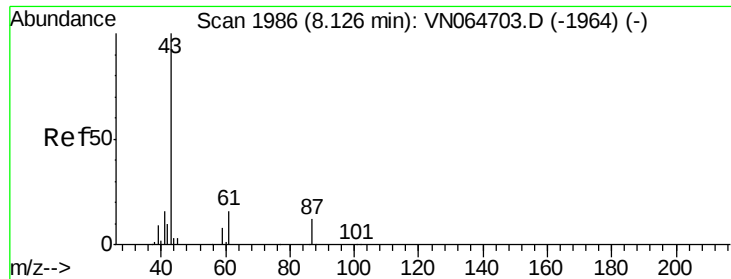
Tot Ion: 41 Resp: 115322
Ion Ratio Lower Upper
41 100
39 0.0 46.0 69.0#
67 0.0 67.0 100.4#
52 0.0 31.7 47.5#



#42
1,2-Dichloroethane
Concen: 19.357 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion: 62 Resp: 106367
Ion Ratio Lower Upper
62 100
98 7.1 0.0 13.6





#43

Isopropyl Acetate

Concen: 18.211 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

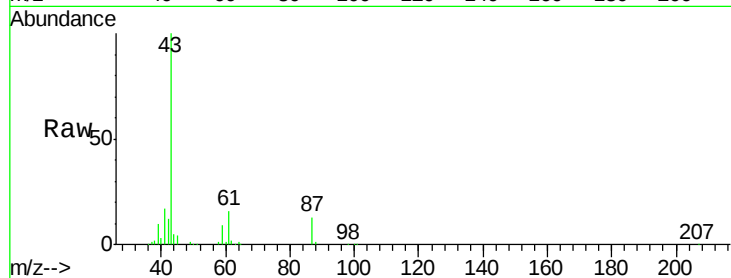
Tot Ion: 43 Resp: 135481

Ion Ratio Lower Upper

43 100

61 17.5 14.1 21.1

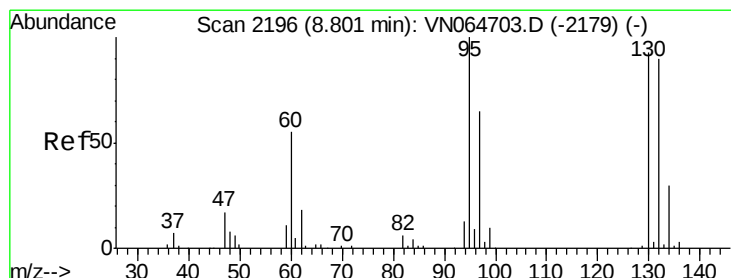
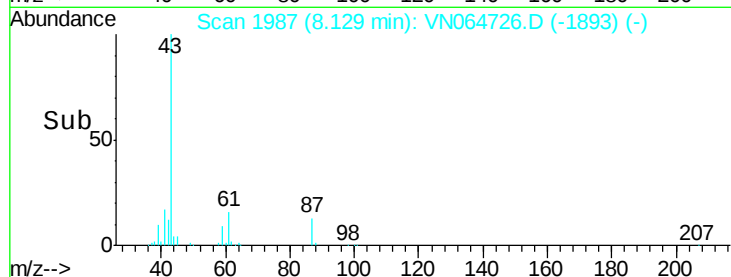
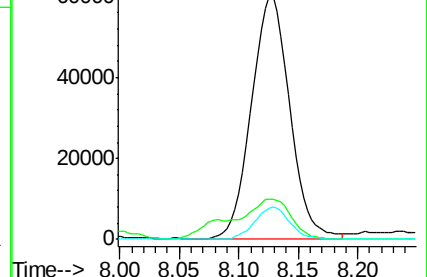
87 12.0 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064726.D (-1986) (-)

Ion 61.00 (60.70 to 61.70): VN064726.D (-1986) (-)

Ion 87.00 (86.70 to 87.70): VN064726.D (-1986) (-)



#44

Trichloroethene

Concen: 18.963 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064726.D

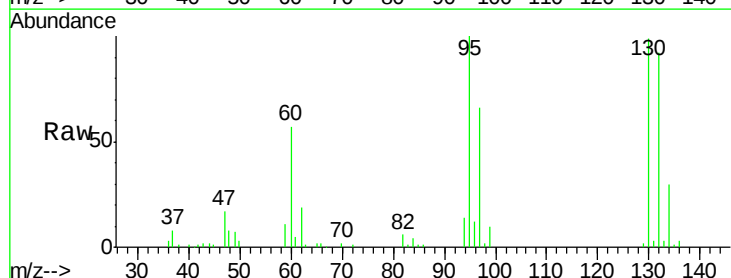
Acq: 19 Nov 2020 12:19

Tgt Ion: 130 Resp: 69507

Ion Ratio Lower Upper

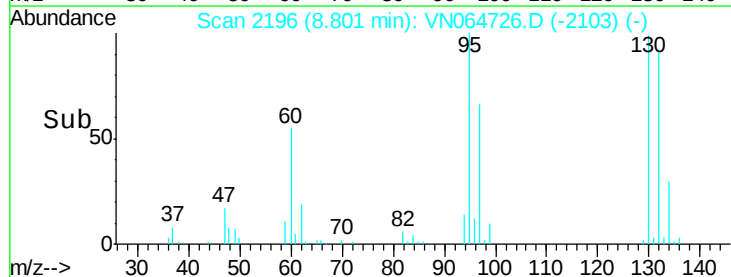
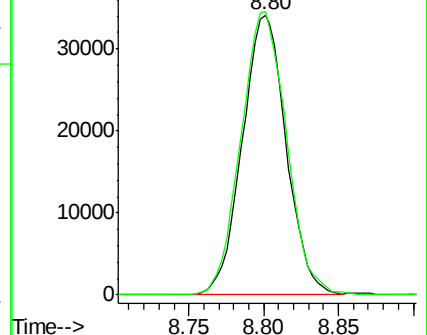
130 100

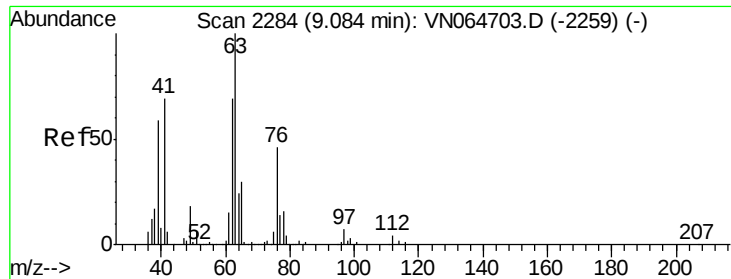
95 101.1 0.0 214.2



Abundance Ion 129.80 (129.50 to 130.50): VN064726.D (-2196) (-)

Ion 94.90 (94.60 to 95.60): VN064726.D (-2196) (-)





#45

1,2-Dichloropropane

Concen: 19.723 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

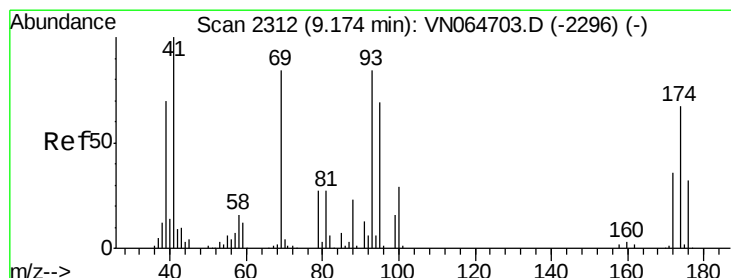
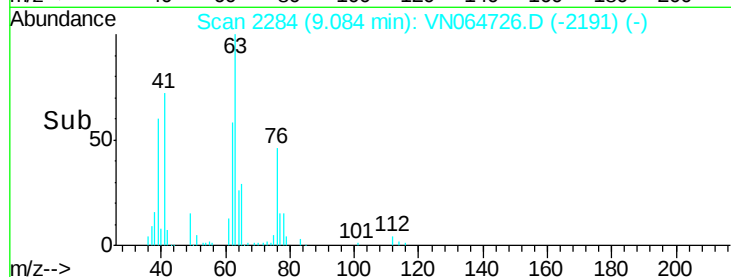
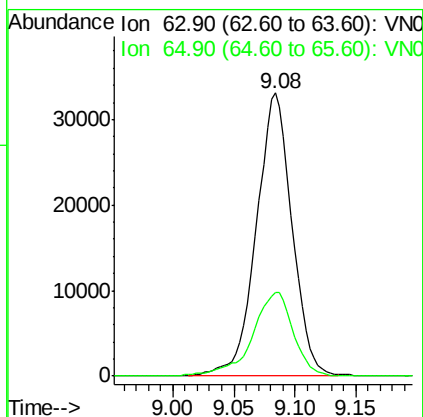
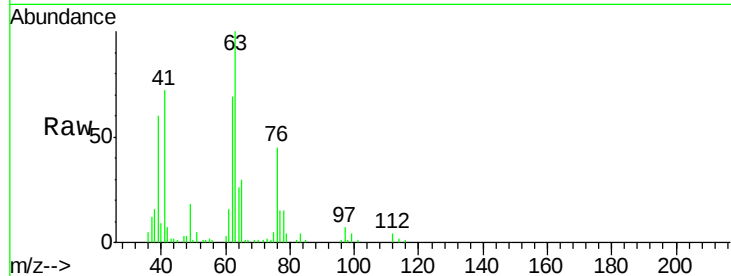
VN1119WBS01

Tot Ion: 63 Resp: 67143

Ion Ratio Lower Upper

63 100

65 29.6 24.0 36.0



#46

Dibromomethane

Concen: 19.353 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

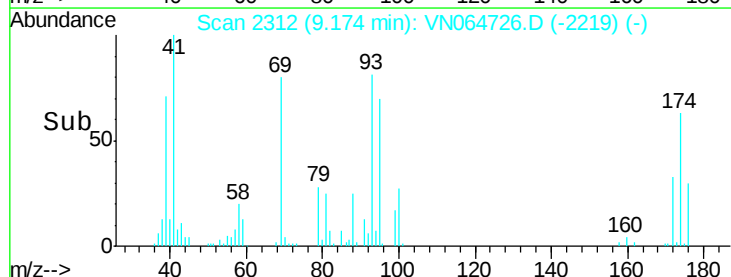
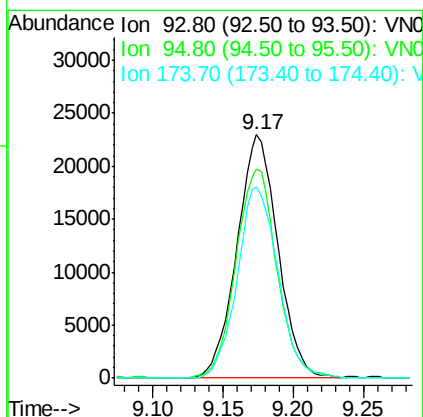
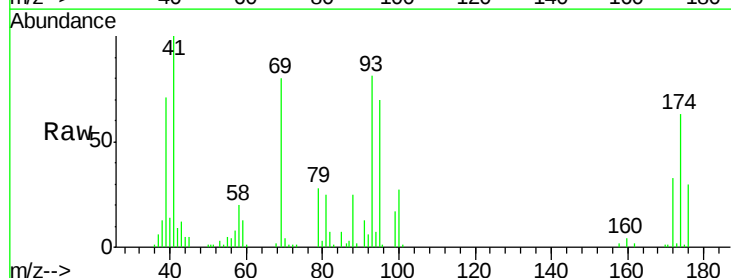
Tgt Ion: 93 Resp: 46702

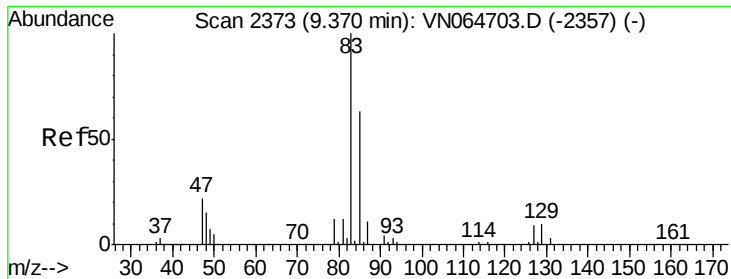
Ion Ratio Lower Upper

93 100

95 86.0 64.6 97.0

174 78.2 64.3 96.5





#47

Bromodichloromethane

Concen: 19.487 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

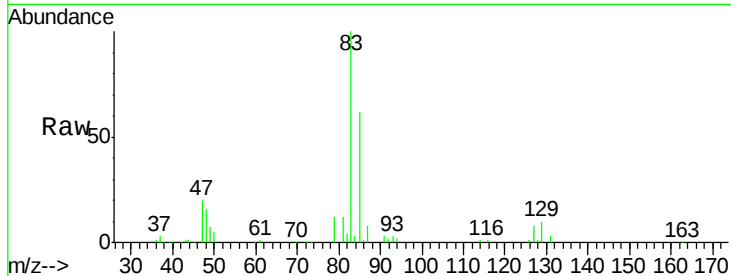
Tot Ion: 83 Resp: 98859

Ion Ratio Lower Upper

83 100

85 62.2 50.8 76.2

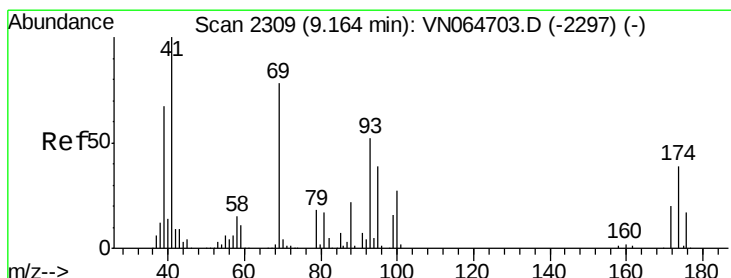
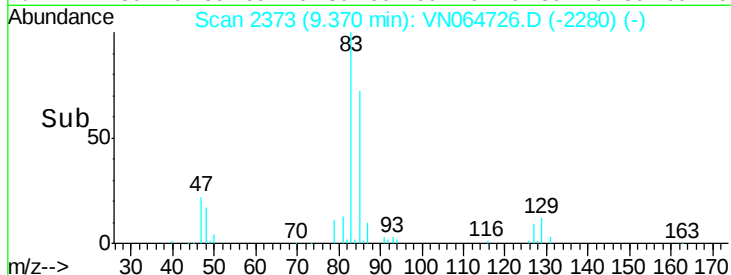
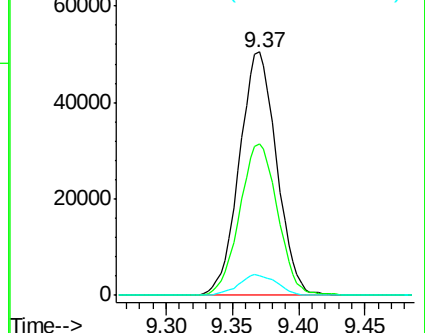
127 8.0 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN064726.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064726.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064726.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.925 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

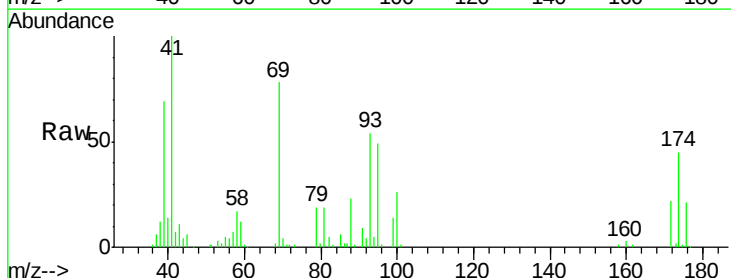
Tgt Ion: 41 Resp: 66431

Ion Ratio Lower Upper

41 100

69 77.2 62.3 93.5

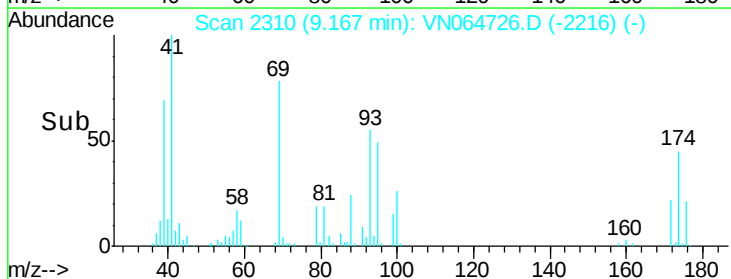
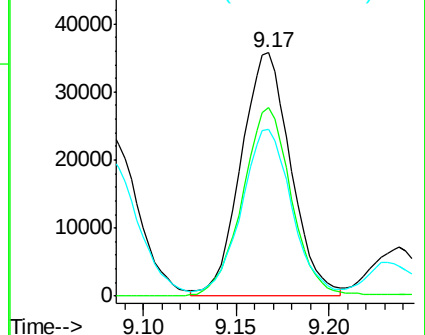
39 68.5 55.1 82.7

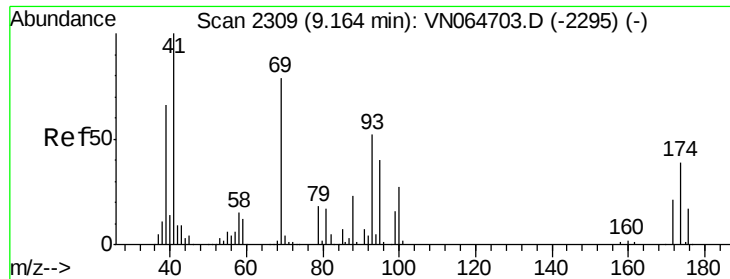


Abundance Ion 41.00 (40.70 to 41.70): VN064726.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064726.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064726.D (-2216) (-)





#49

1,4-Dioxane

Concen: 402.113 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

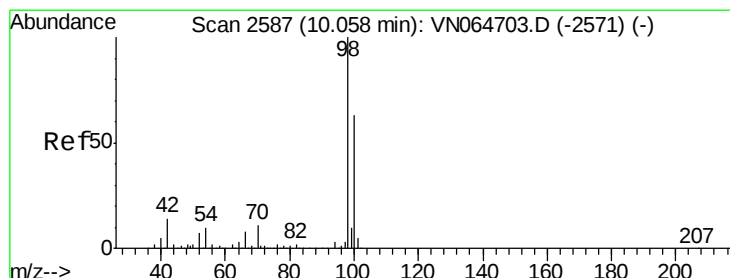
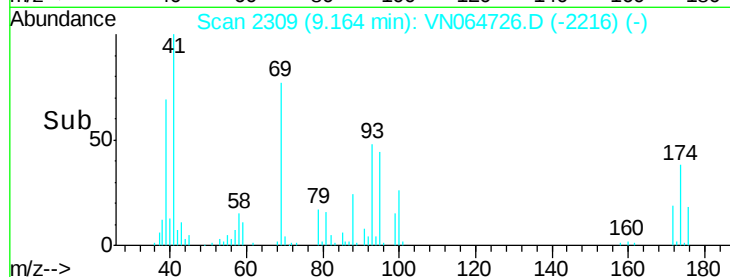
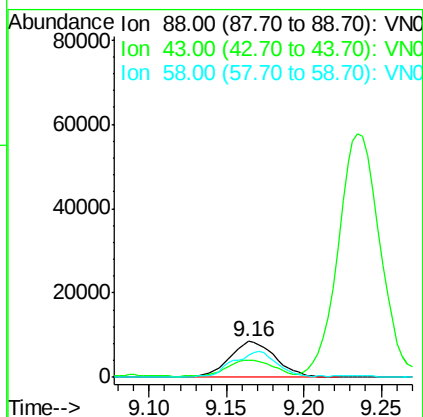
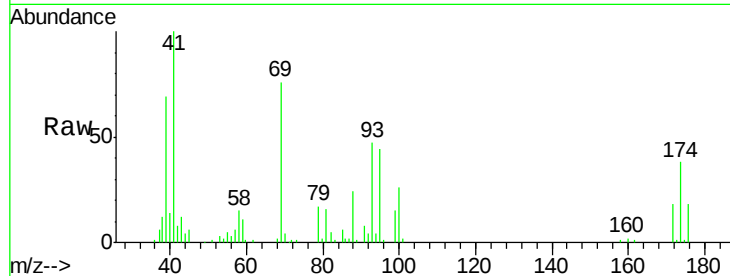
Tot Ion: 88 Resp: 17610

Ion Ratio Lower Upper

88 100

43 44.4 31.3 46.9

58 69.6 55.7 83.5



#50

Toluene-d8

Concen: 49.286 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064726.D

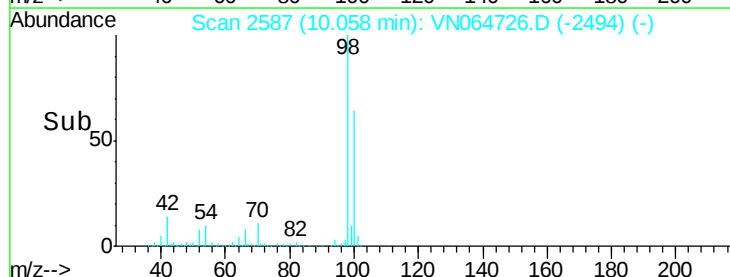
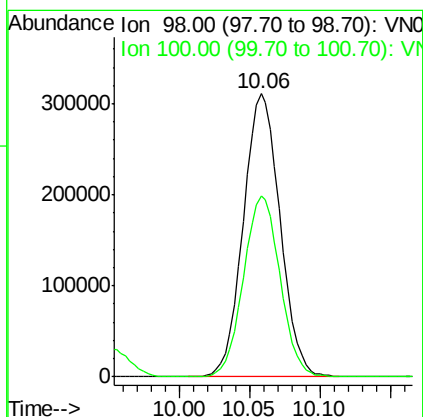
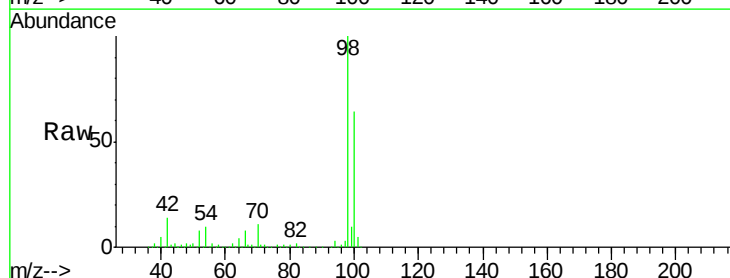
Acq: 19 Nov 2020 12:19

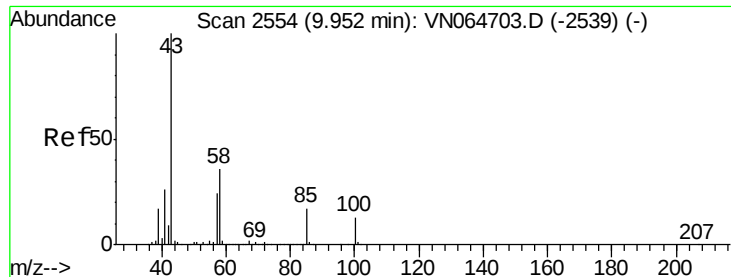
Tgt Ion: 98 Resp: 568038

Ion Ratio Lower Upper

98 100

100 63.6 50.4 75.6

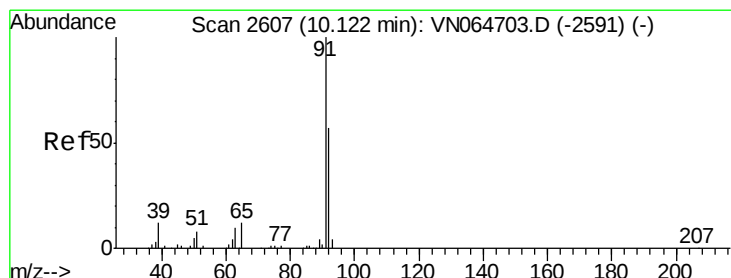
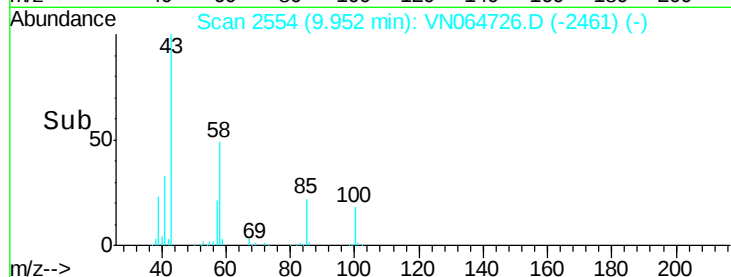
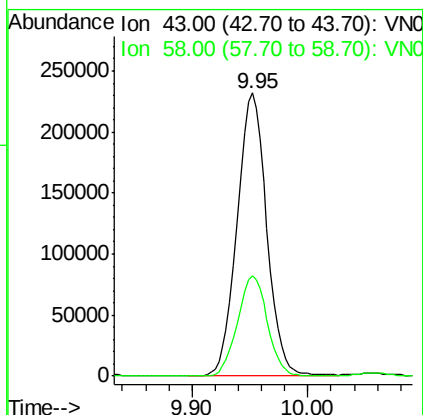
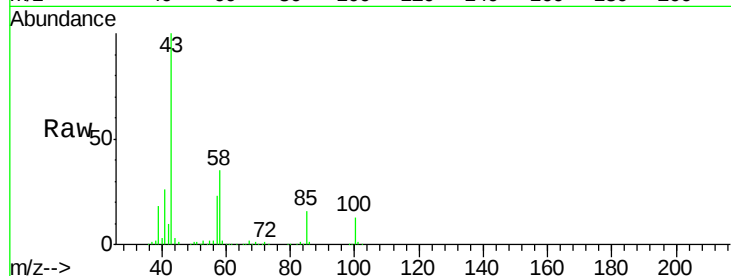




#51
 4-Methyl-2-Pentanone
 Concen: 94.928 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

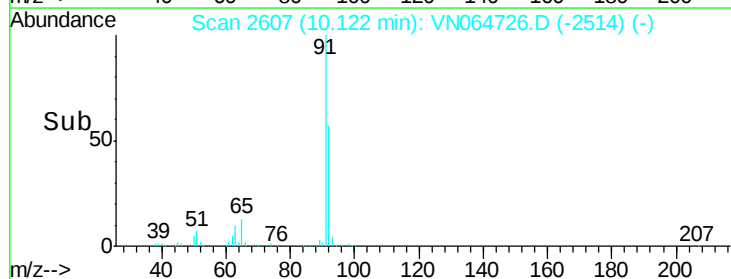
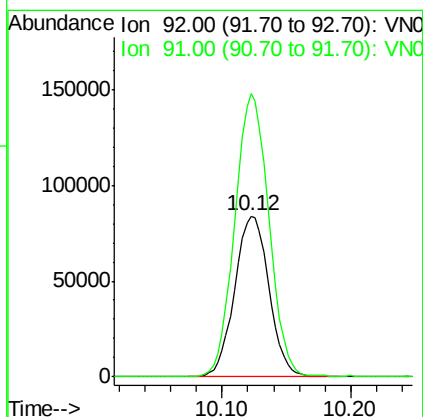
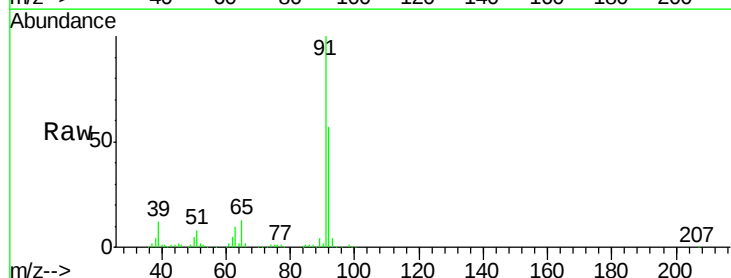
Instrument :
 MSVOA_N
 ClientSampled :
 VN1119WBS01

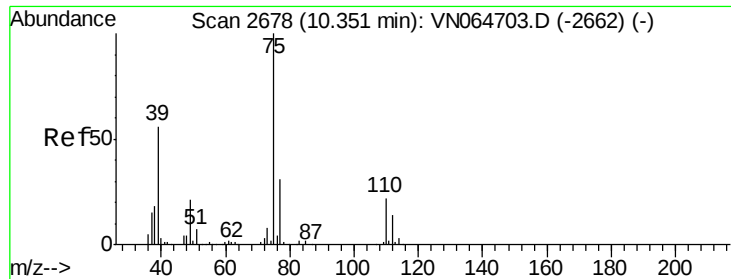
Tot Ion: 43 Resp: 408803
 Ion Ratio Lower Upper
 43 100
 58 35.8 28.5 42.7



#52
 Toluene
 Concen: 19.772 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Tgt Ion: 92 Resp: 155526
 Ion Ratio Lower Upper
 92 100
 91 174.8 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 18.149 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

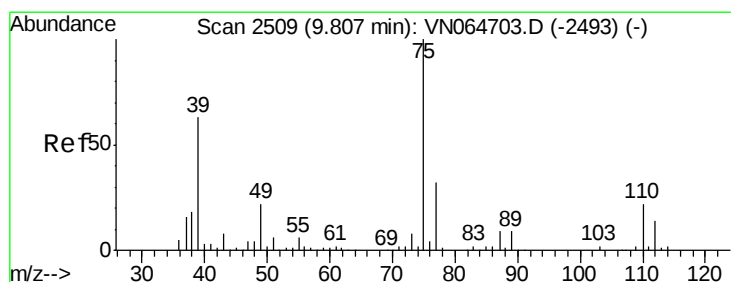
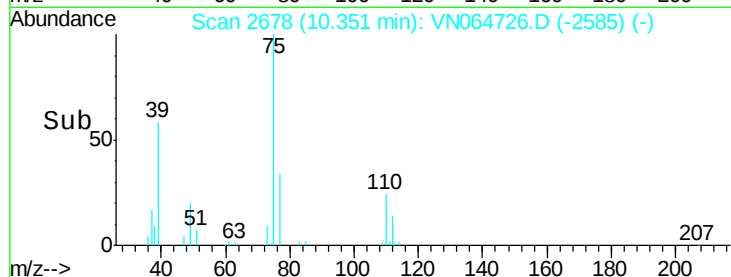
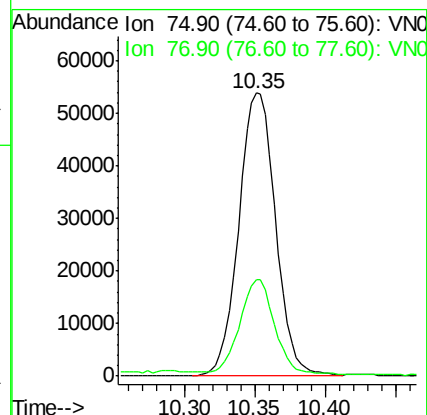
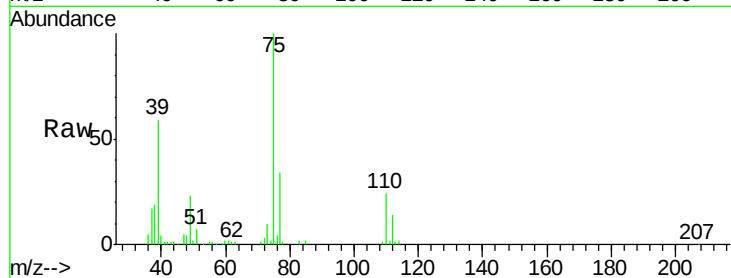
VN1119WBS01

Tot Ion: 75 Resp: 98538

Ion Ratio Lower Upper

75 100

77 33.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.517 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

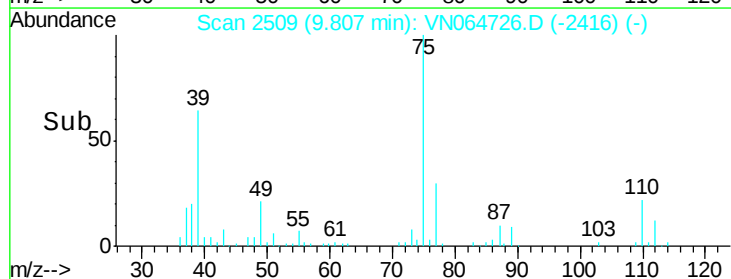
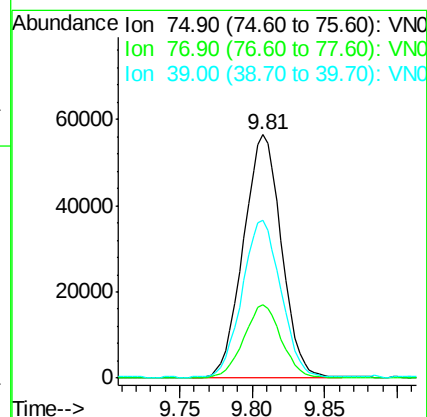
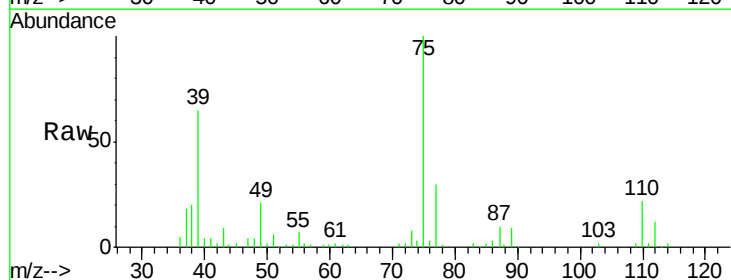
Tgt Ion: 75 Resp: 103524

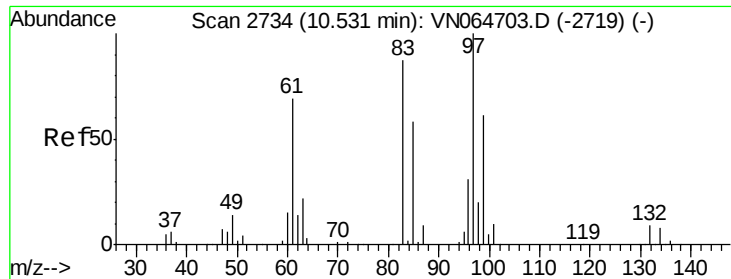
Ion Ratio Lower Upper

75 100

77 29.9 25.8 38.8

39 64.5 50.5 75.7

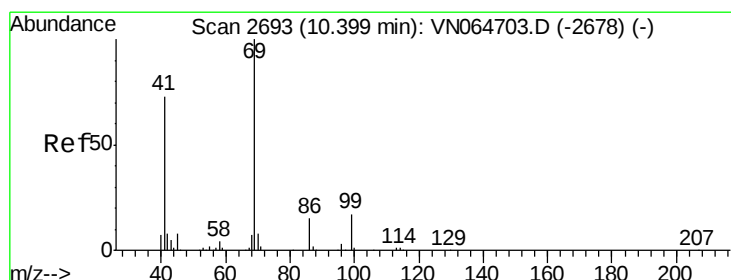
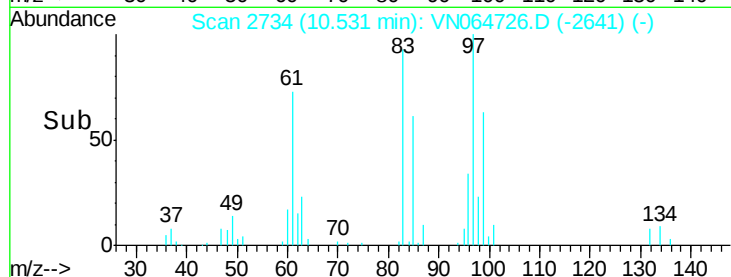
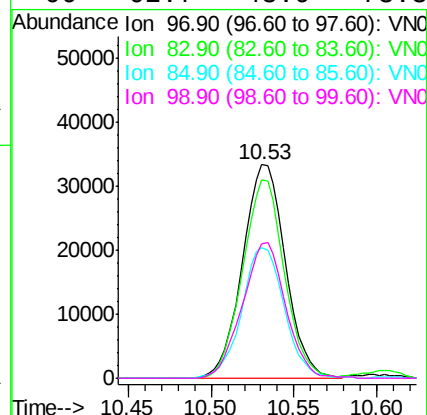
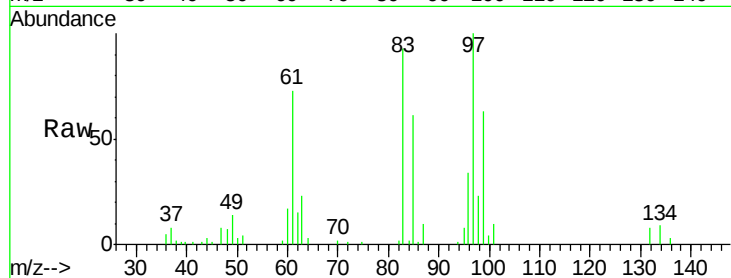




#55
 1,1,2-Trichloroethane
 Concen: 19.041 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

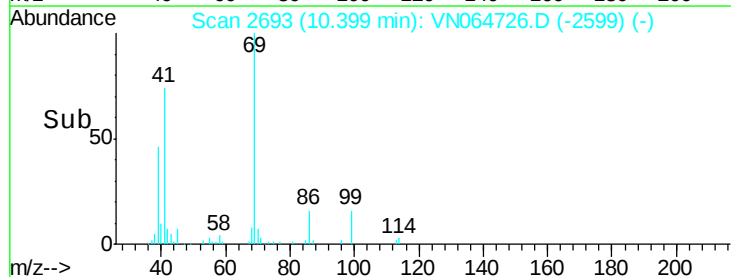
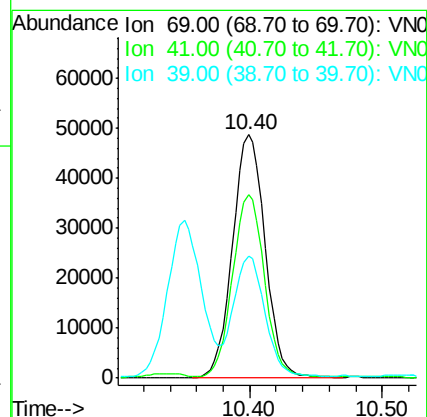
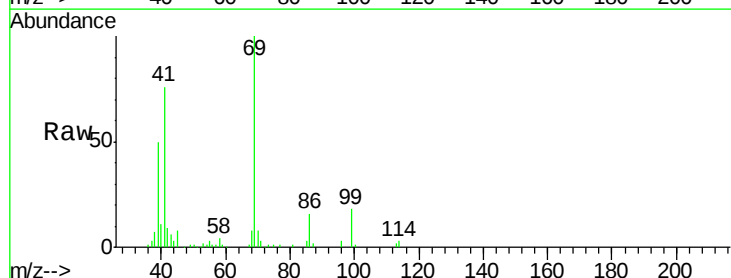
Instrument :
 MSVOA_N
 ClientSampled :
 VN1119WBS01

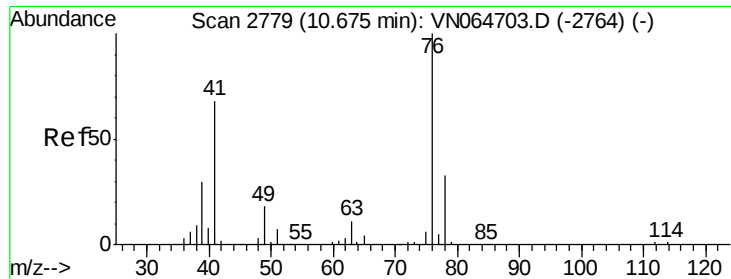
Tot Ion: 97 Resp: 60073
 Ion Ratio Lower Upper
 97 100
 83 92.6 69.6 104.4
 85 61.4 46.6 70.0
 99 62.7 48.9 73.3



#56
 Ethyl methacrylate
 Concen: 17.950 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Tgt Ion: 69 Resp: 83579
 Ion Ratio Lower Upper
 69 100
 41 73.1 59.0 88.4
 39 48.2 38.4 57.6

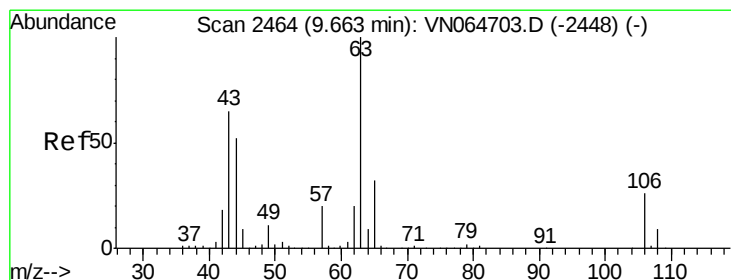
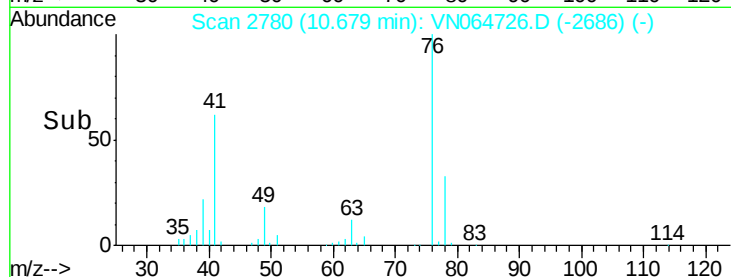
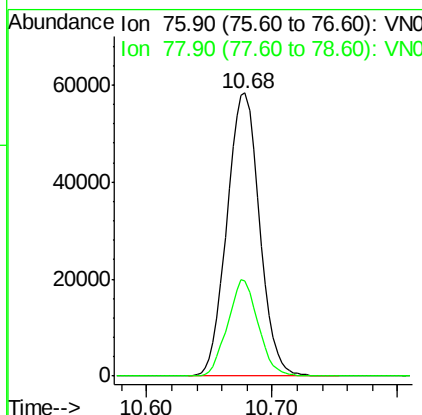
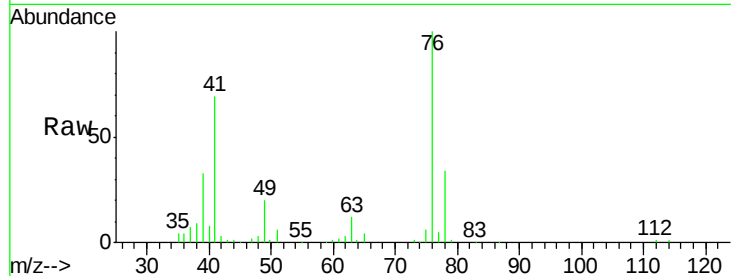




#57
 1,3-Dichloropropane
 Concen: 19.287 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

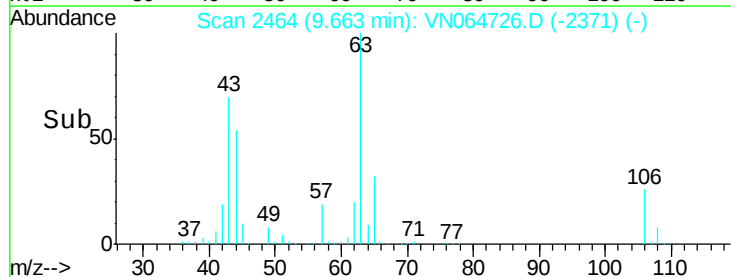
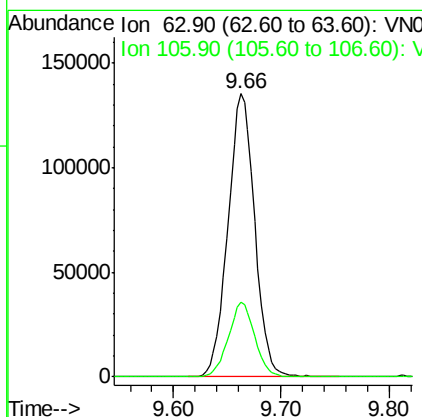
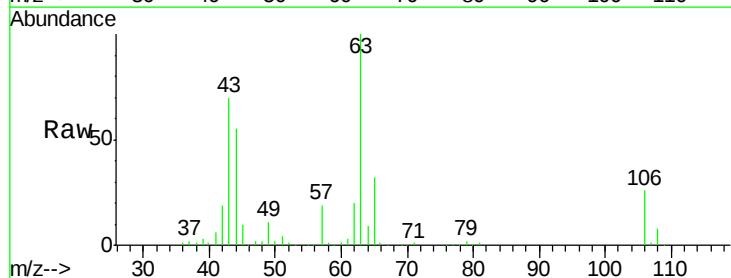
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

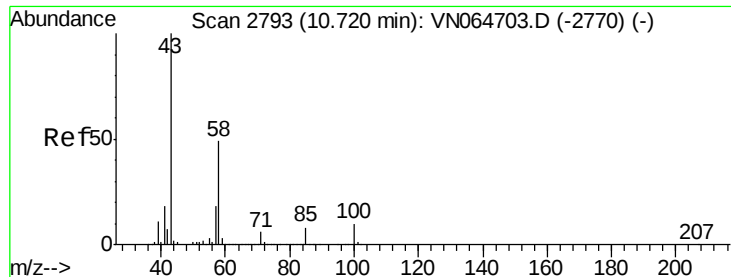
Tot Ion: 76 Resp: 105409
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.556 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Tgt Ion: 63 Resp: 234107
 Ion Ratio Lower Upper
 63 100
 106 25.9 20.9 31.3

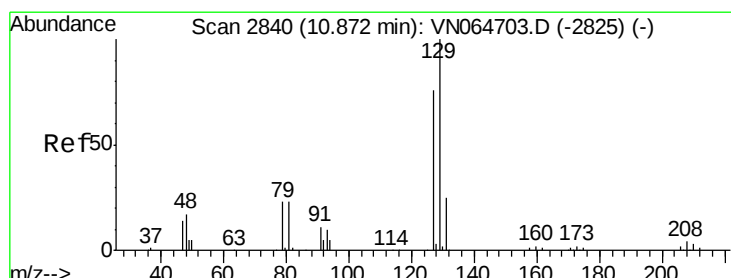
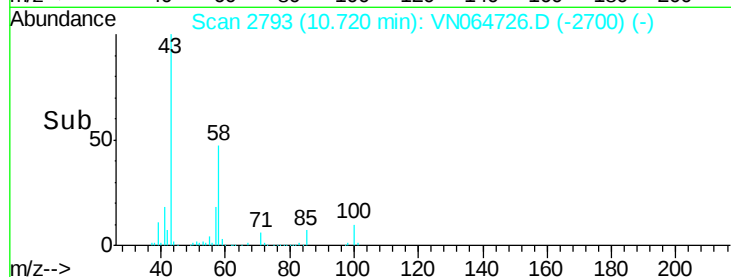
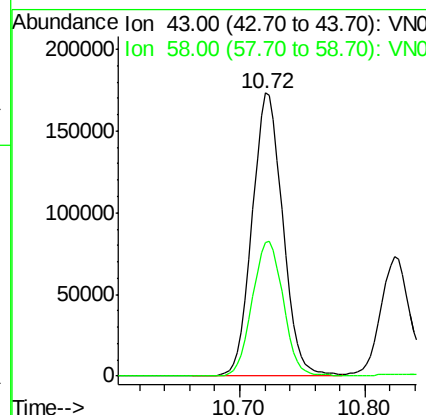
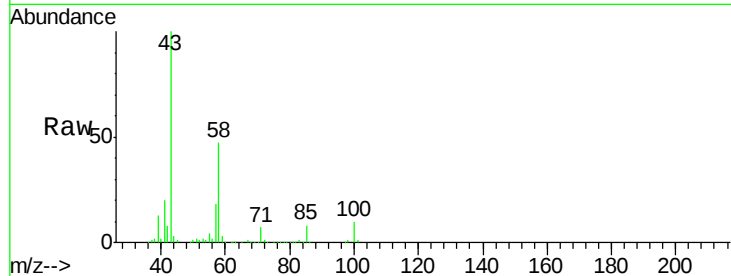




#59
2-Hexanone
Concen: 93.980 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

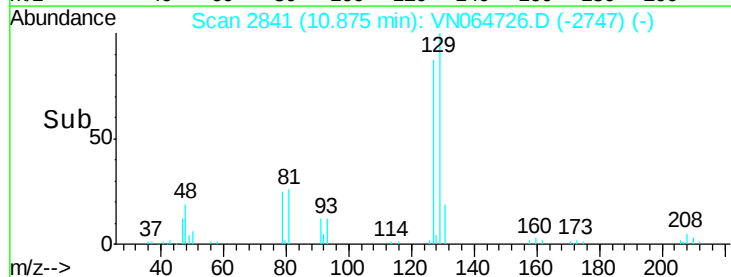
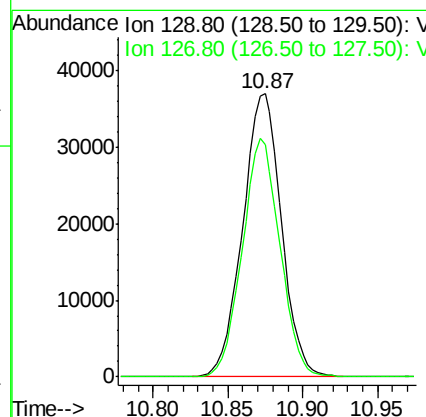
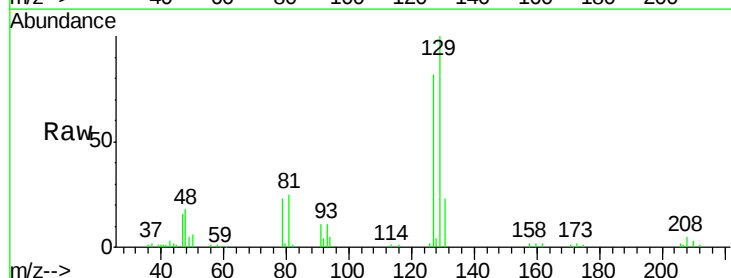
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

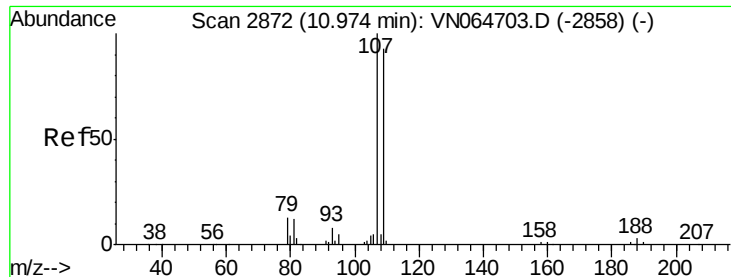
Tot Ion: 43 Resp: 292060
Ion Ratio Lower Upper
43 100
58 48.4 24.4 73.4



#60
Dibromochloromethane
Concen: 18.227 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion: 129 Resp: 66441
Ion Ratio Lower Upper
129 100
127 82.0 38.8 116.4

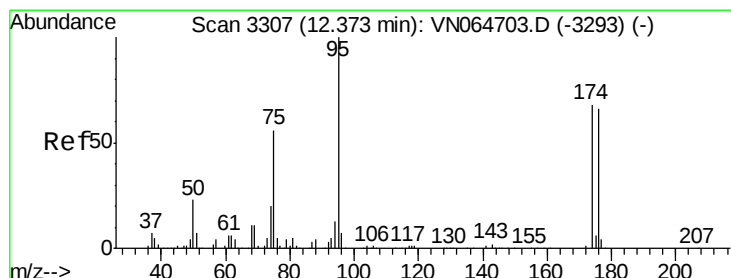
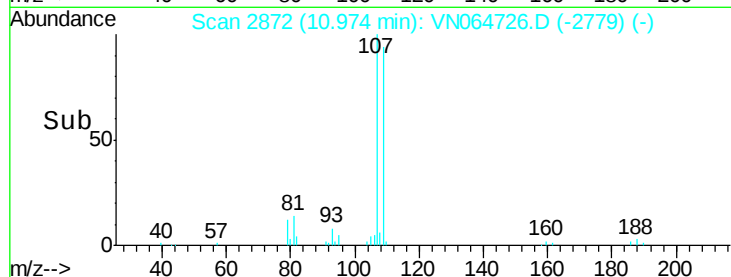
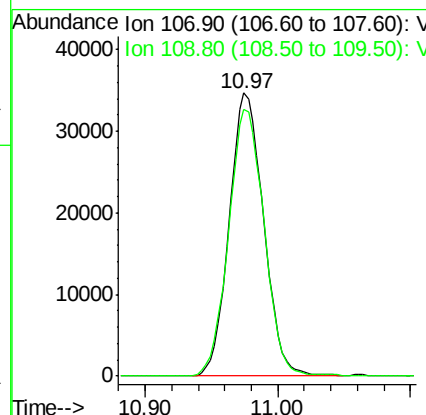
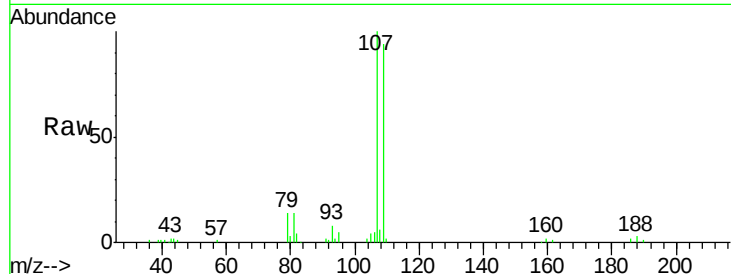




#61
 1,2-Dibromoethane
 Concen: 18.526 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

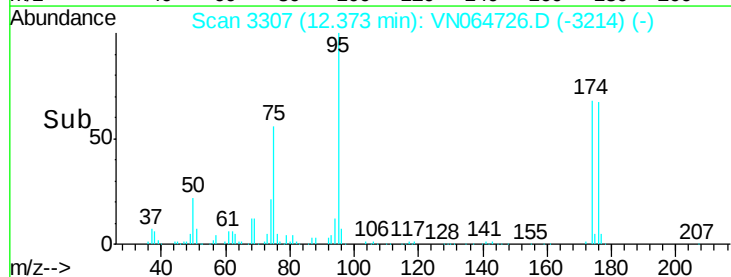
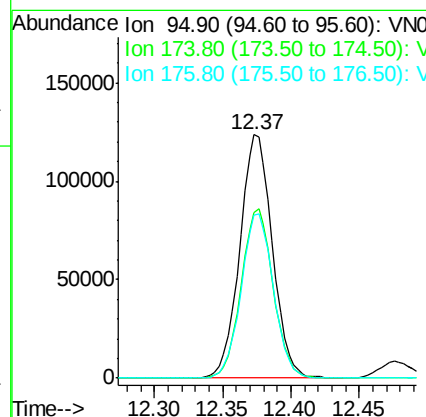
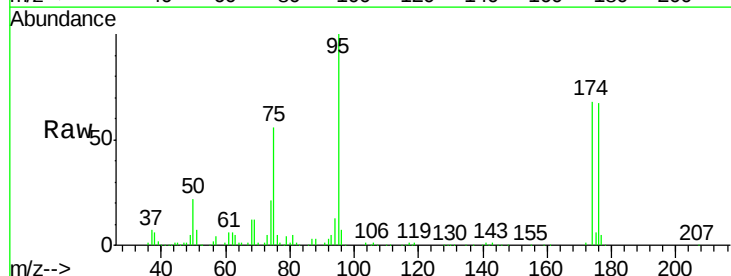
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

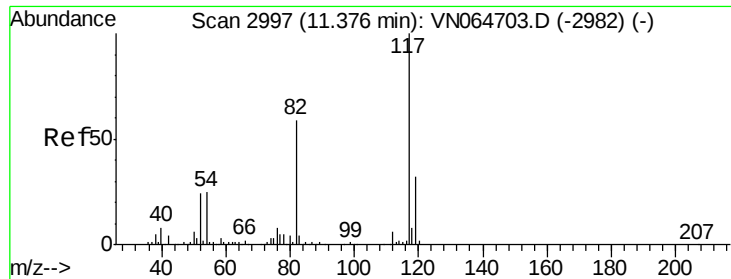
Tot Ion:107 Resp: 62344
 Ion Ratio Lower Upper
 107 100
 109 97.1 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 47.458 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Tgt Ion: 95 Resp: 204442
 Ion Ratio Lower Upper
 95 100
 174 68.3 0.0 136.8
 176 66.9 0.0 134.2

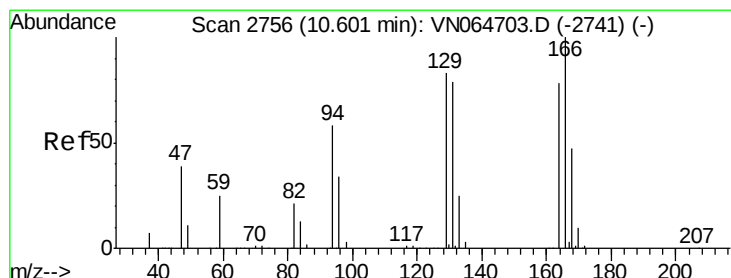
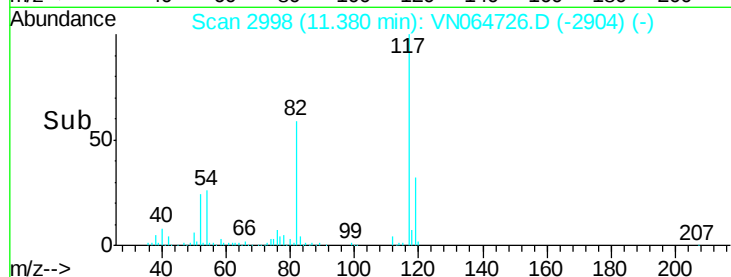
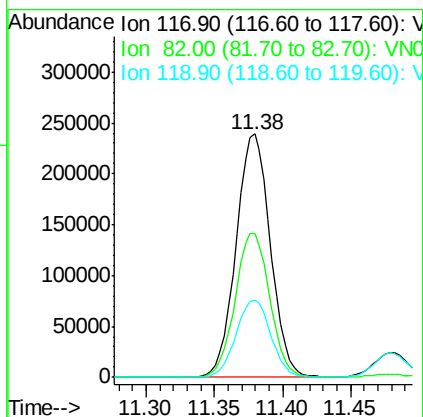
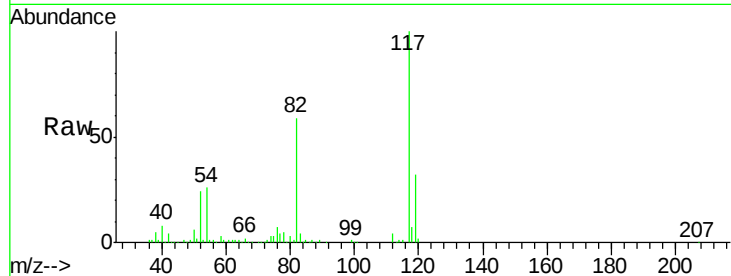




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

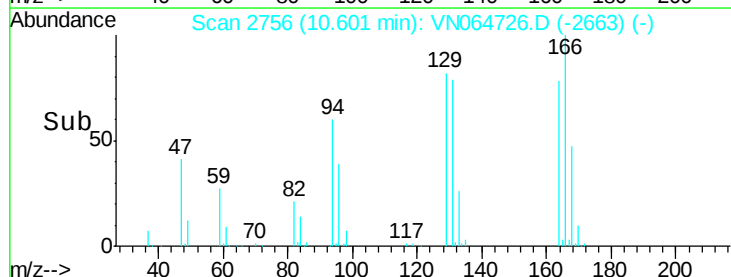
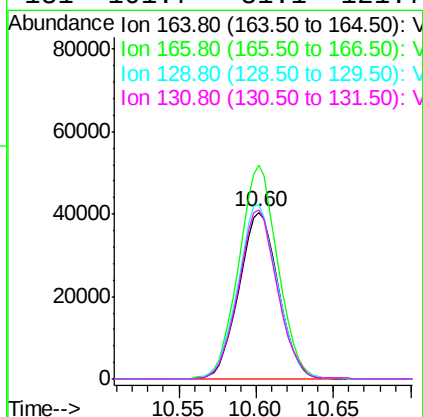
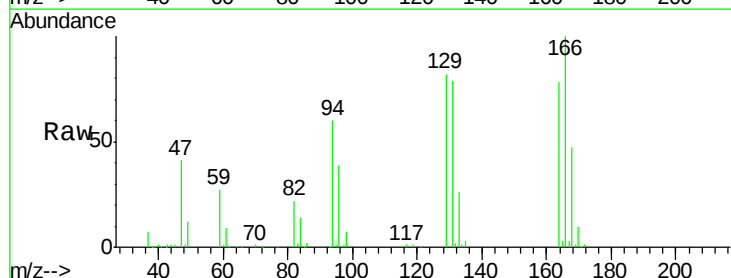
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

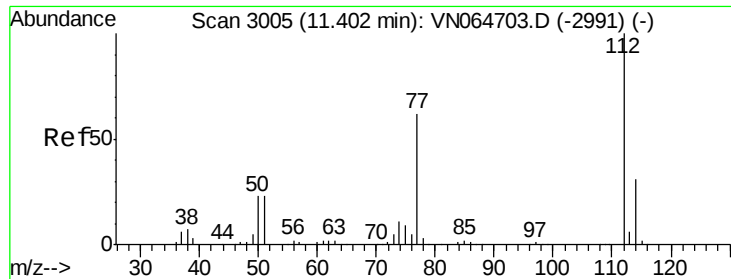
Tot Ion:117 Resp: 417208
Ion Ratio Lower Upper
117 100
82 58.9 47.0 70.6
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 19.352 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion:164 Resp: 71578
Ion Ratio Lower Upper
164 100
166 128.1 102.2 153.4
129 104.4 84.7 127.1
131 101.7 81.1 121.7

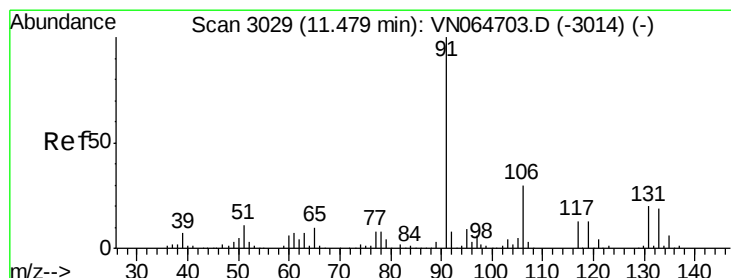
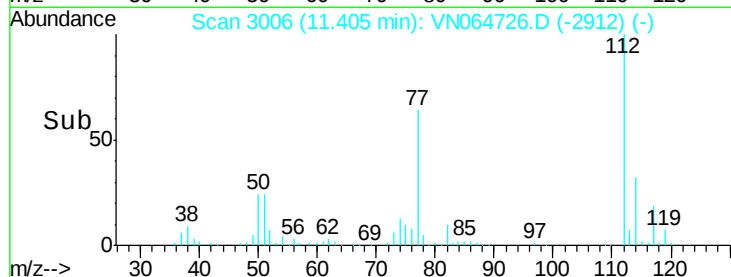
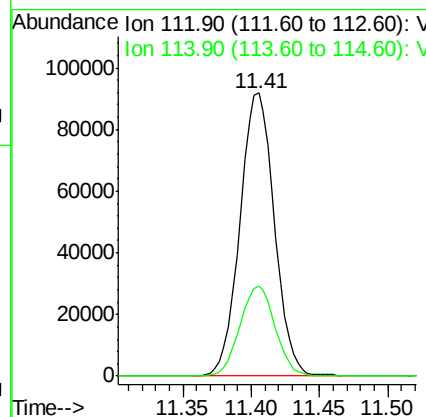
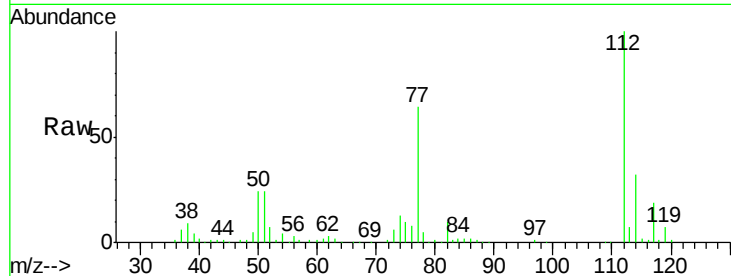




#65
Chlorobenzene
Concen: 18.194 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

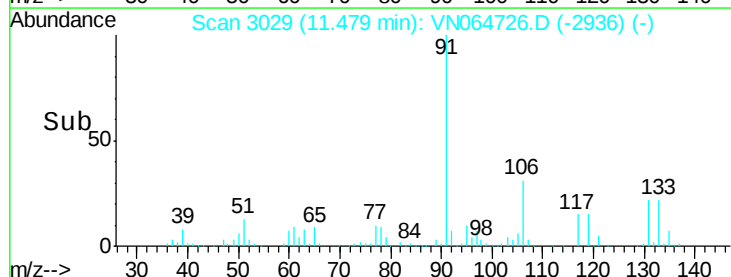
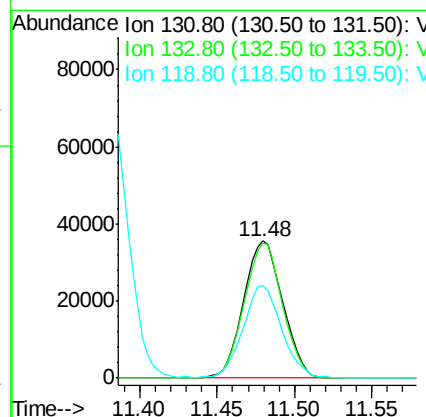
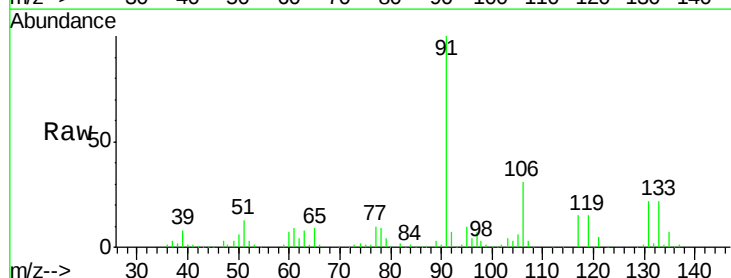
Instrument :
MSVOA_N
ClientSampled :
VN1119WBS01

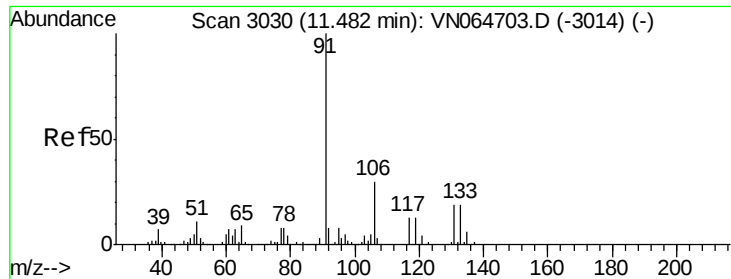
Tot Ion:112 Resp: 161469
Ion Ratio Lower Upper
112 100
114 32.0 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.873 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion:131 Resp: 62583
Ion Ratio Lower Upper
131 100
133 96.5 48.8 146.4
119 67.2 33.5 100.4

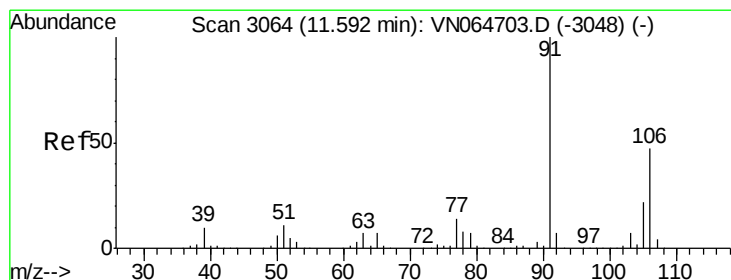
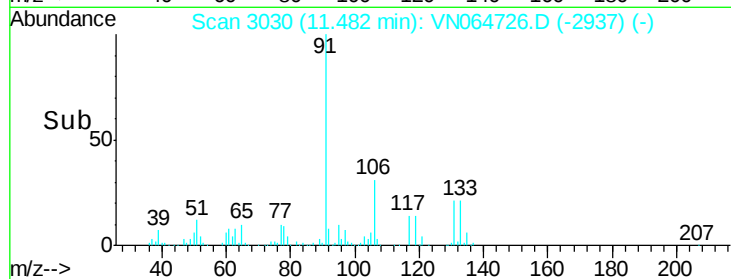
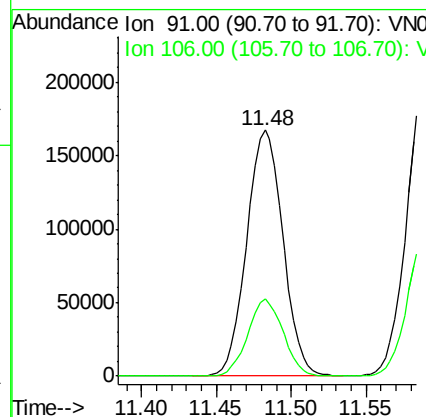
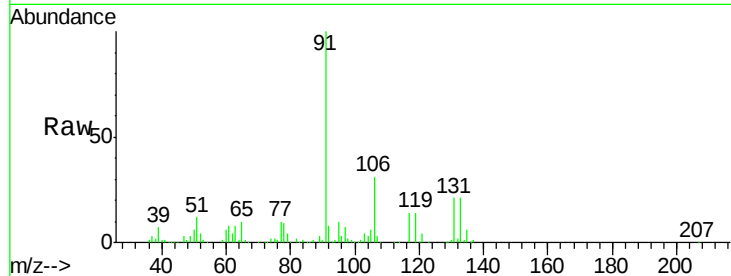




#67
Ethyl Benzene
Concen: 18.061 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

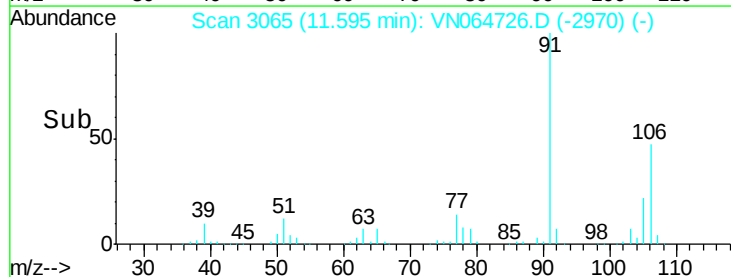
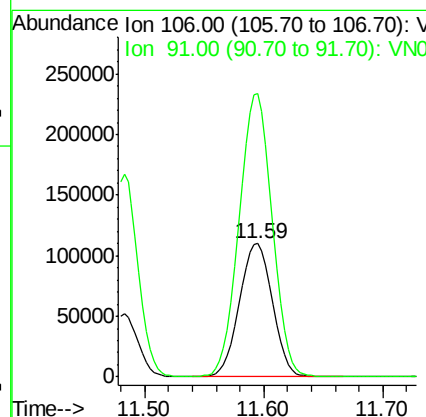
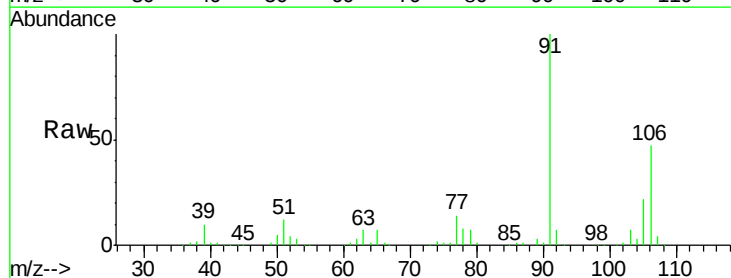
Instrument :
MSVOA_N
ClientSampled :
VN1119WBS01

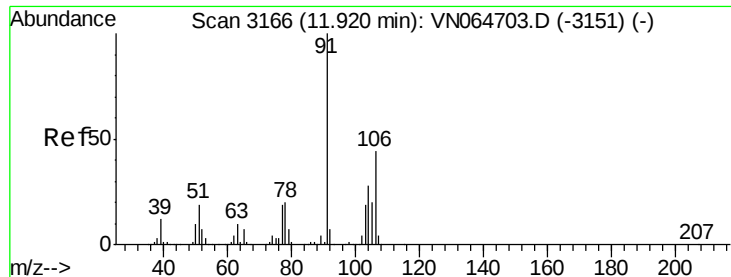
Tot Ion: 91 Resp: 282615
Ion Ratio Lower Upper
91 100
106 31.3 23.9 35.9



#68
m/p-Xylenes
Concen: 36.147 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion: 106 Resp: 212497
Ion Ratio Lower Upper
106 100
91 210.9 171.9 257.9

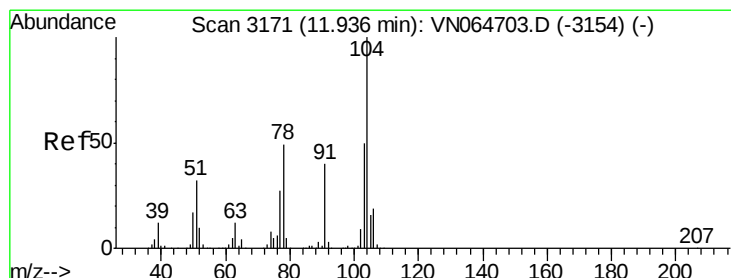
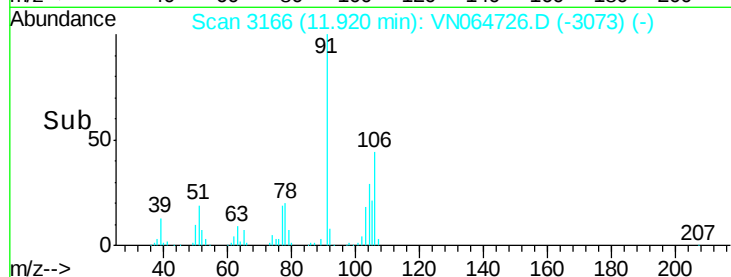
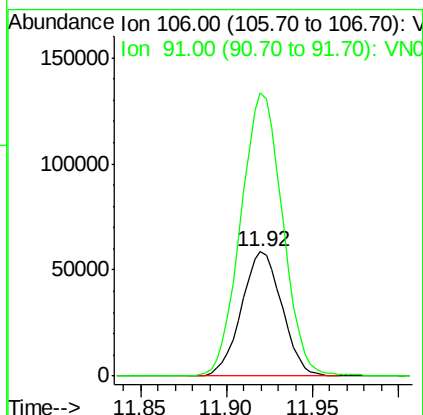
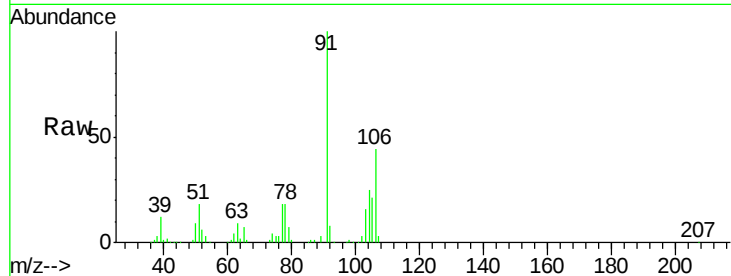




#69
o-Xylene
Concen: 17.554 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

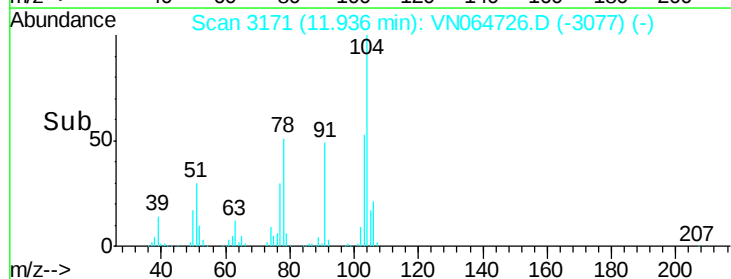
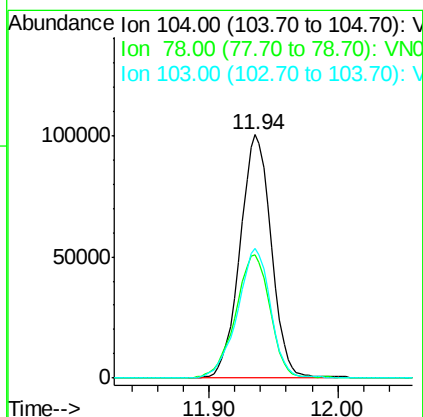
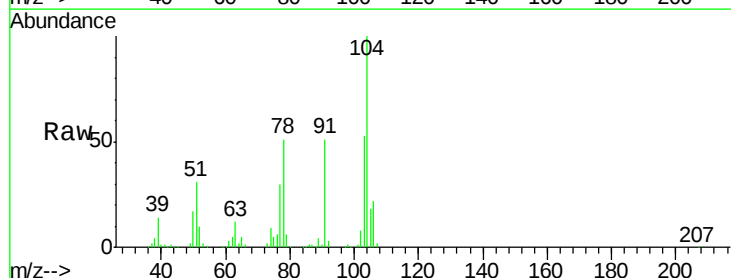
Instrument :
MSVOA_N
ClientSampled :
VN1119WBS01

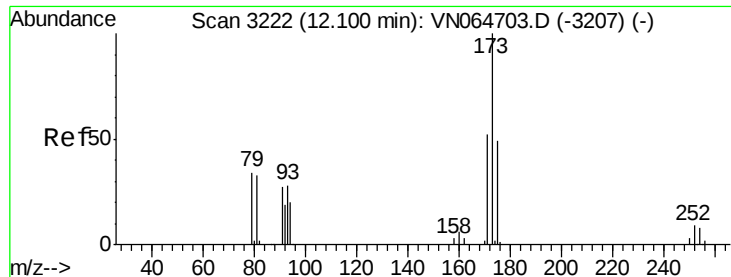
Tot Ion:106 Resp: 95828
Ion Ratio Lower Upper
106 100
91 235.6 112.1 336.3



#70
Styrene
Concen: 17.663 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion:104 Resp: 169657
Ion Ratio Lower Upper
104 100
78 55.9 44.1 66.1
103 56.2 43.7 65.5





#71

Bromoform

Concen: 18.188 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

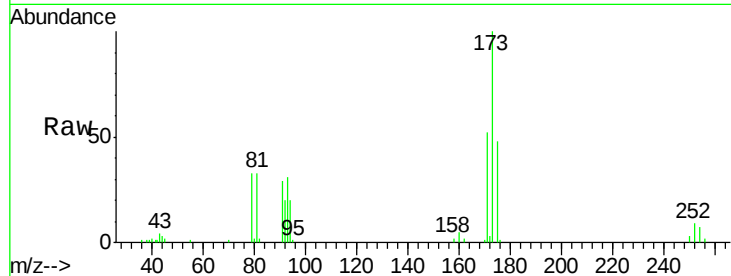
Tot Ion:173 Resp: 42664

Ion Ratio Lower Upper

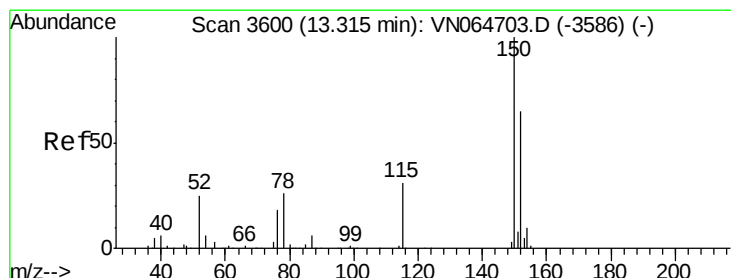
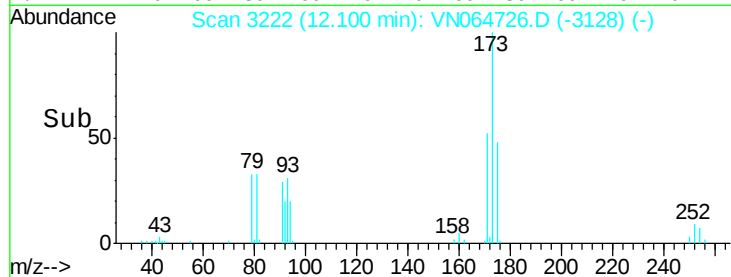
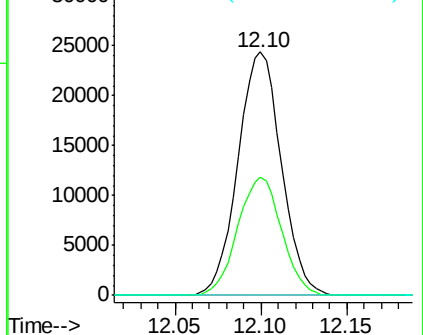
173 100

175 49.0 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: VN064726.D

Acq: 19 Nov 2020 12:19

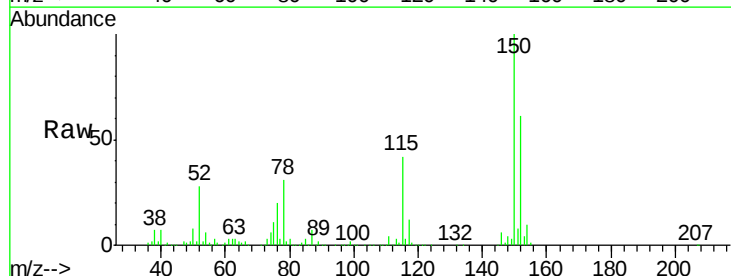
Tgt Ion:152 Resp: 192909

Ion Ratio Lower Upper

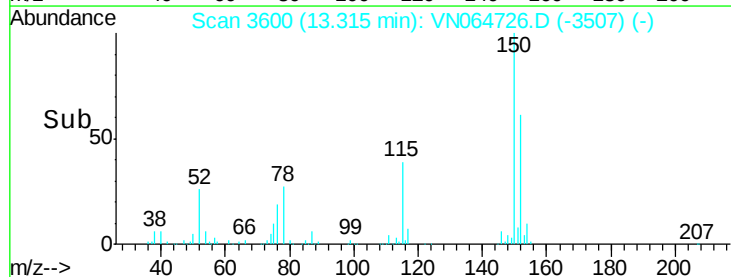
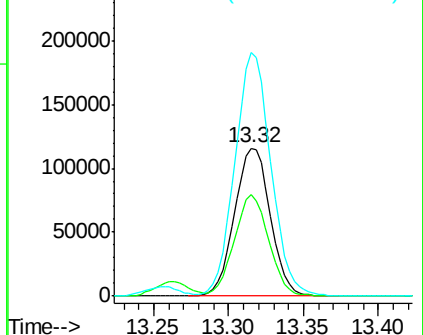
152 100

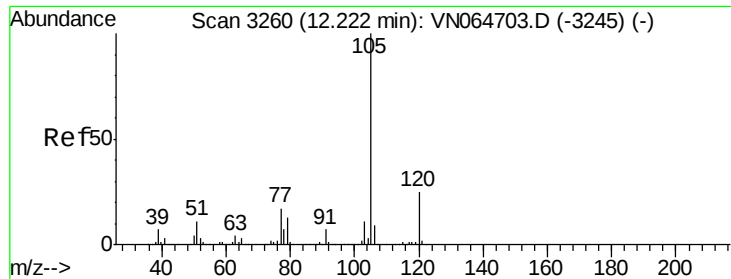
115 66.2 32.1 96.3

150 166.1 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: 18.532 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

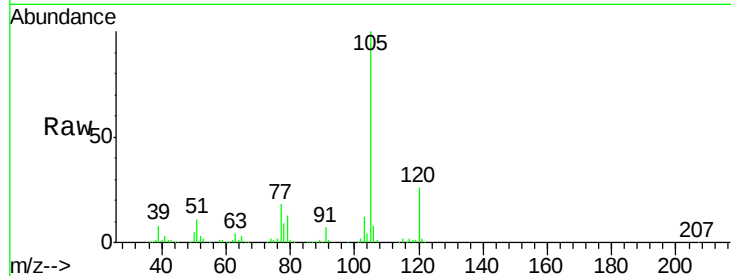
VN1119WBS01

Tot Ion:105 Resp: 253829

Ion Ratio Lower Upper

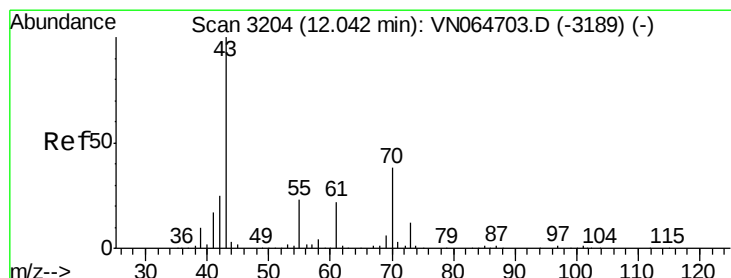
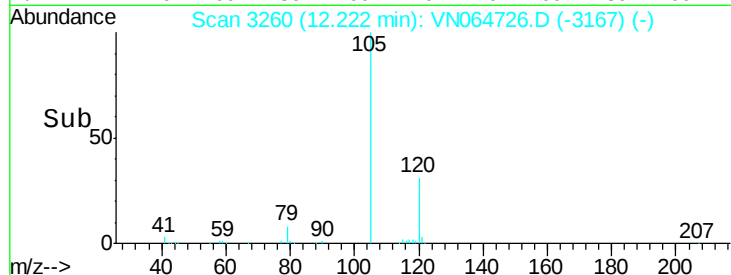
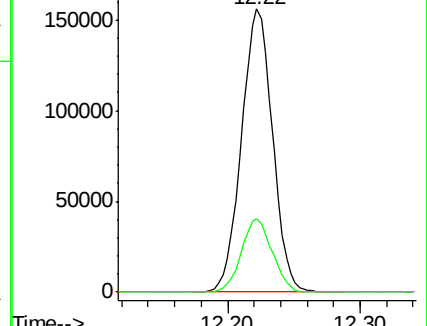
105 100

120 25.7 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.647 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Tgt Ion: 43 Resp: 119277

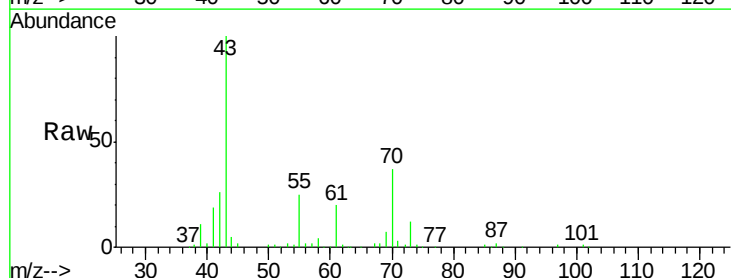
Ion Ratio Lower Upper

43 100

70 37.3 30.3 45.5

55 25.5 18.9 28.3

61 20.3 17.7 26.5

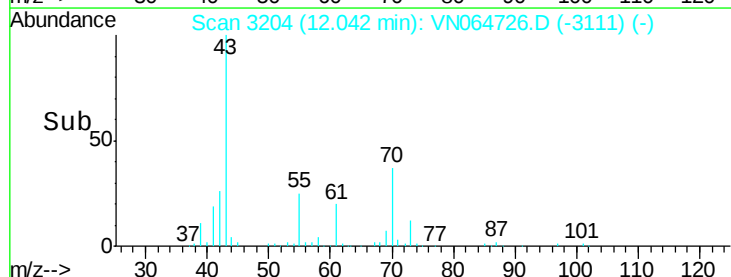
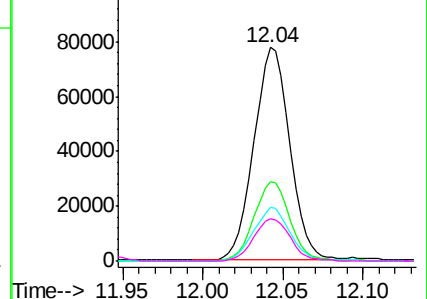


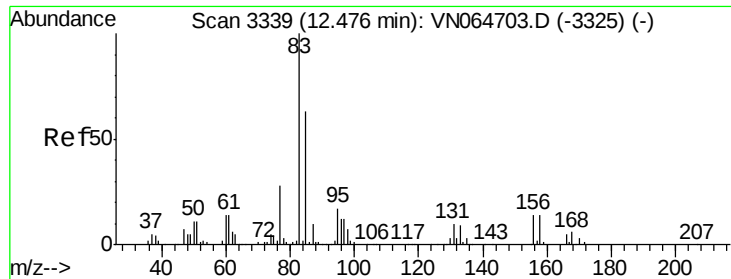
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.395 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

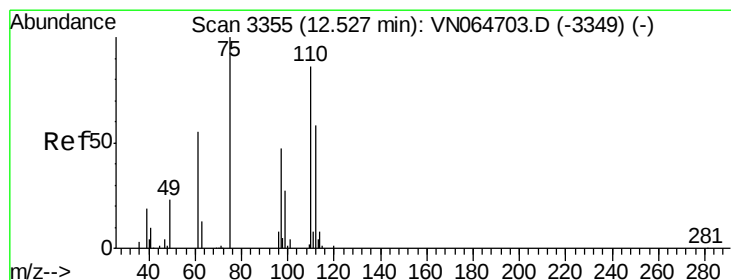
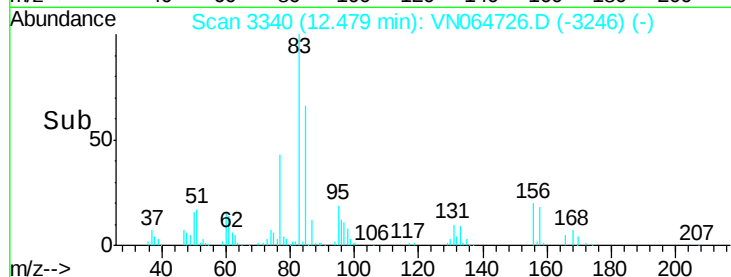
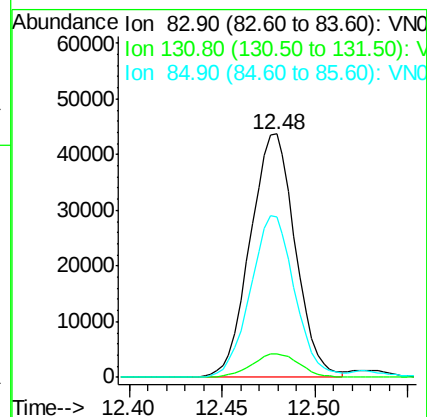
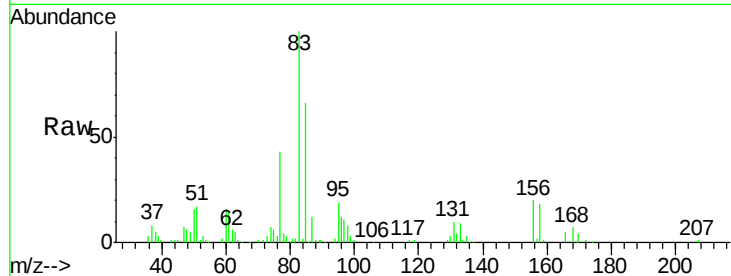
Tot Ion: 83 Resp: 74268

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

85 65.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 28.468 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064726.D

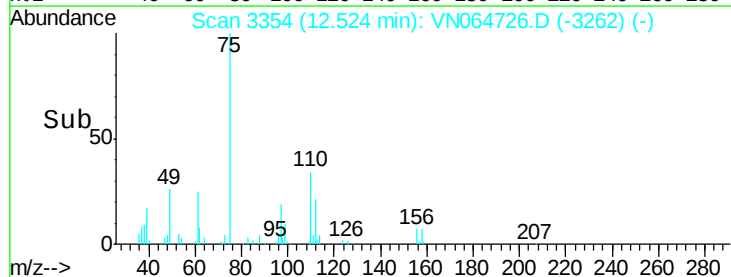
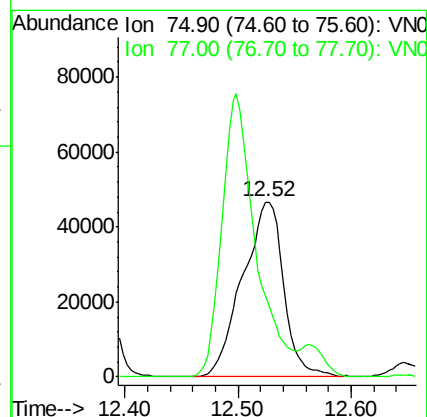
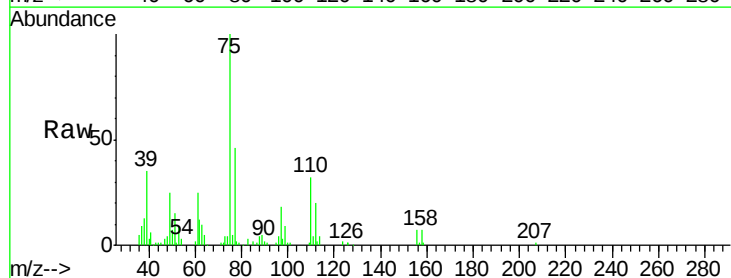
Acq: 19 Nov 2020 12:19

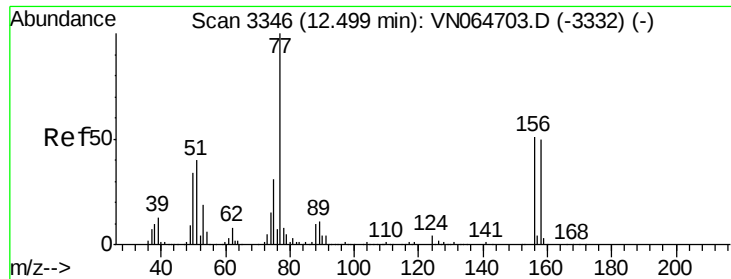
Tgt Ion: 75 Resp: 118328

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.623 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VN1119WBS01

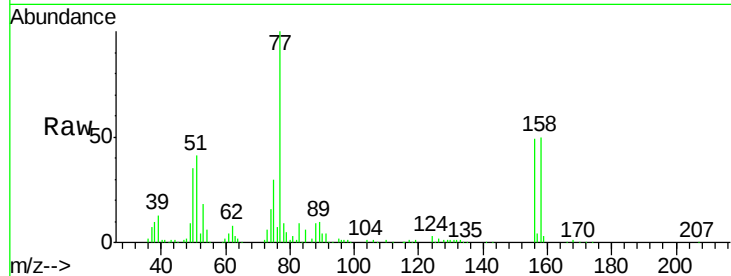
Tot Ion:156 Resp: 64331

Ion Ratio Lower Upper

156 100

77 243.3 117.3 351.9

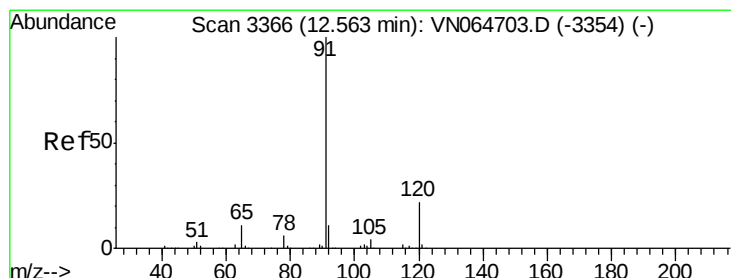
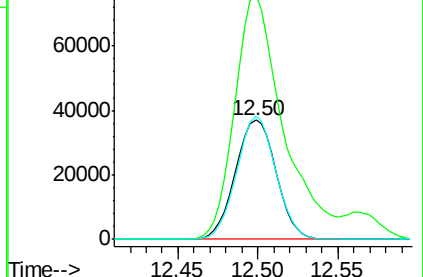
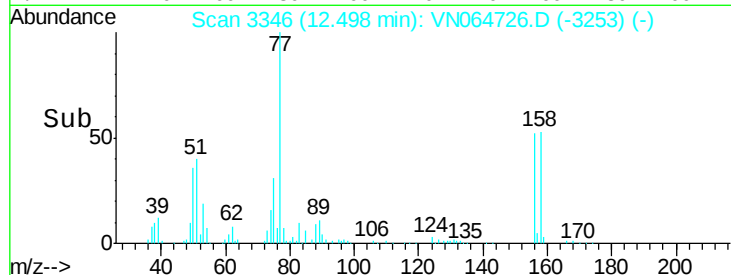
158 98.6 49.0 147.2



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: 19.410 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064726.D

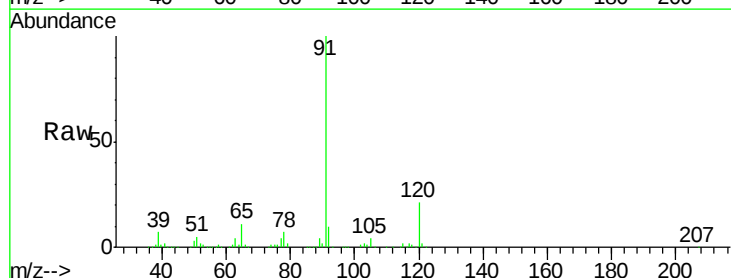
Acq: 19 Nov 2020 12:19

Tgt Ion: 91 Resp: 309603

Ion Ratio Lower Upper

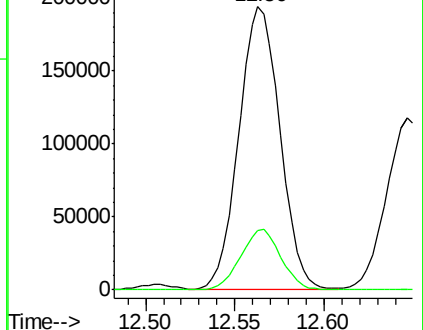
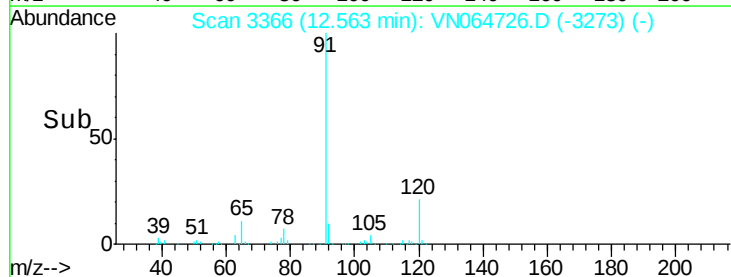
91 100

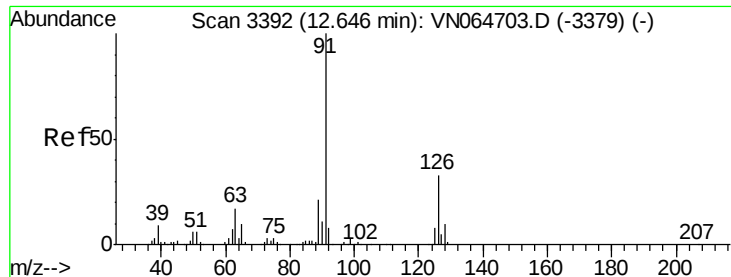
120 20.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

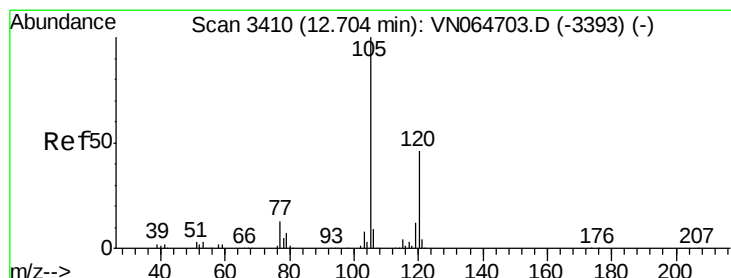
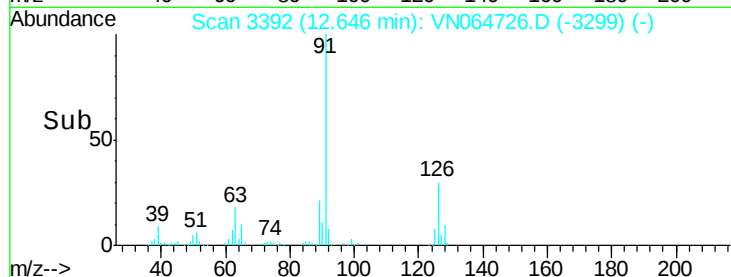
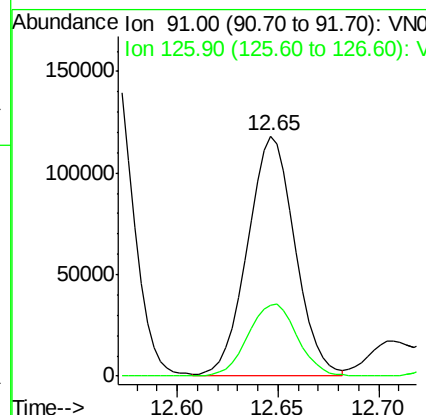
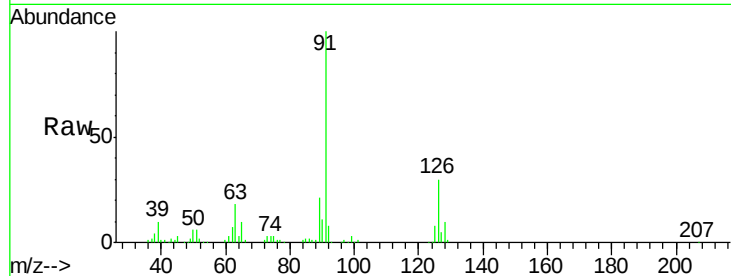




#79
 2-Chlorotoluene
 Concen: 18.922 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

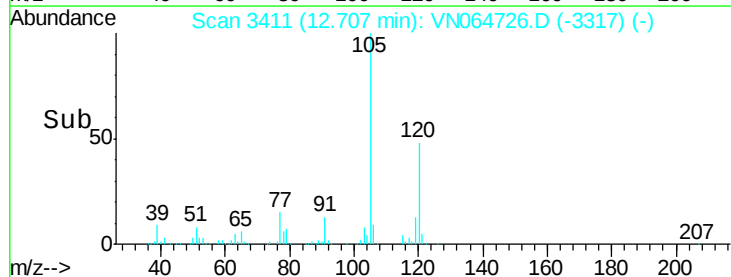
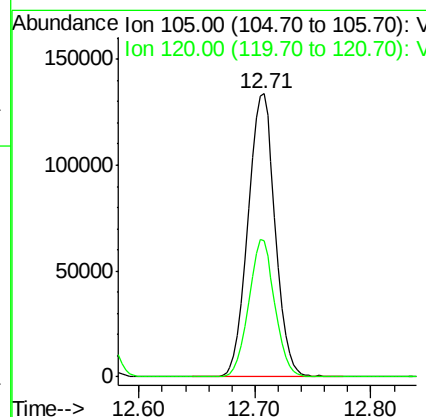
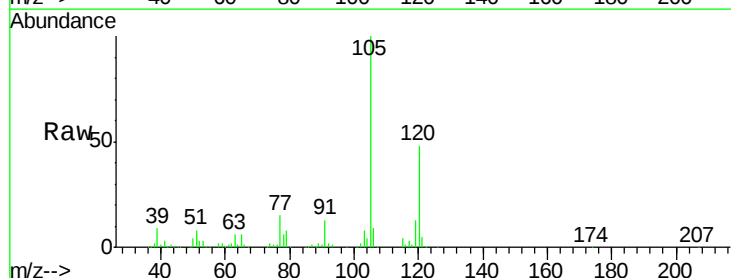
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

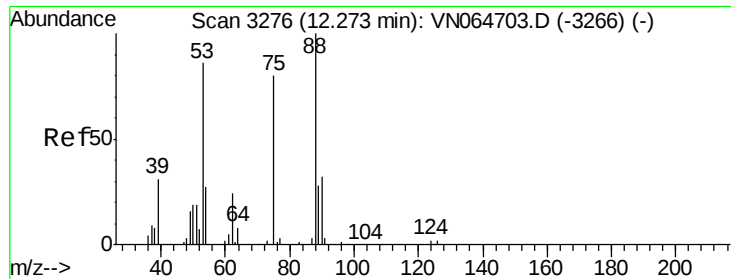
Tot Ion: 91 Resp: 193175
 Ion Ratio Lower Upper
 91 100
 126 31.6 16.0 48.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.162 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Tgt Ion: 105 Resp: 218024
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.9 68.8

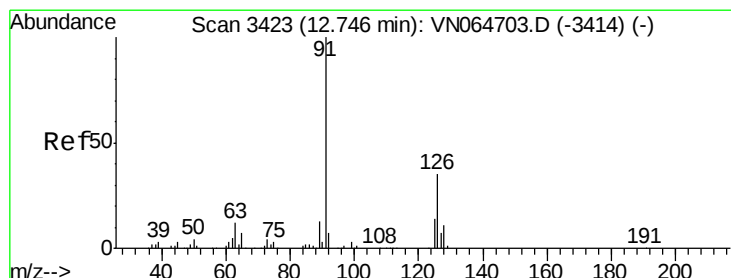
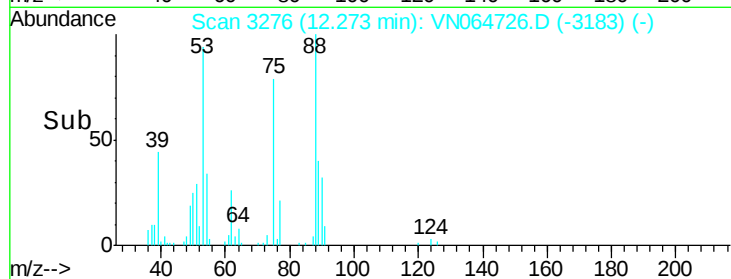
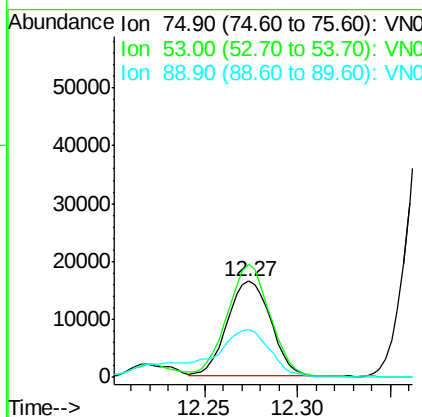
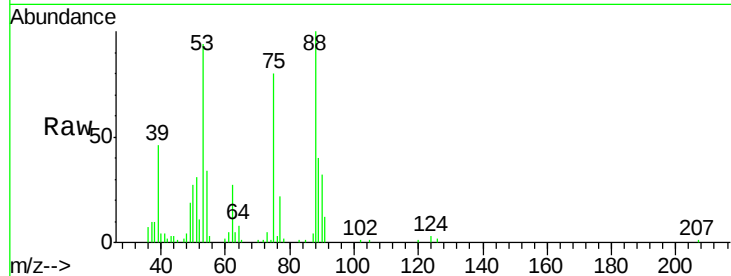




#81
trans-1,4-Dichloro-2-butene
Concen: 17.745 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

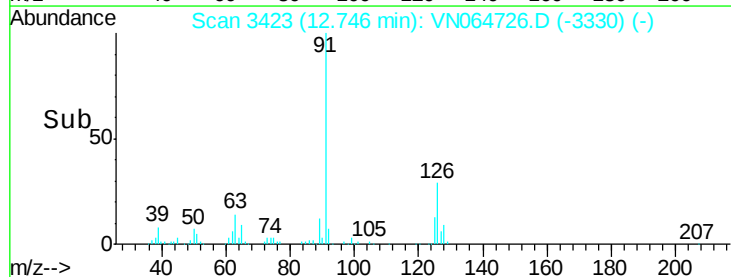
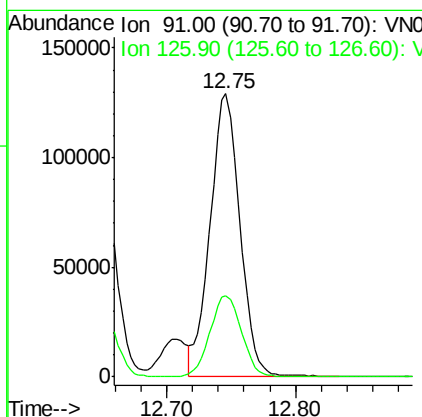
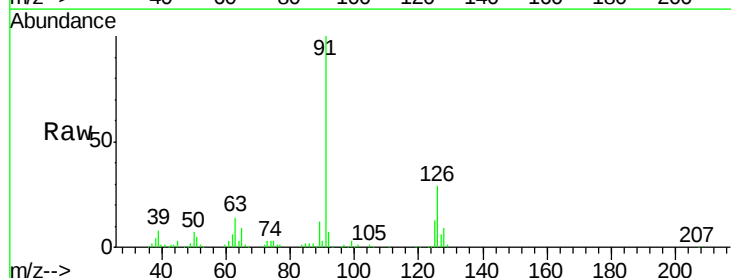
Instrument :
MSVOA_N
ClientSampled :
VN1119WBS01

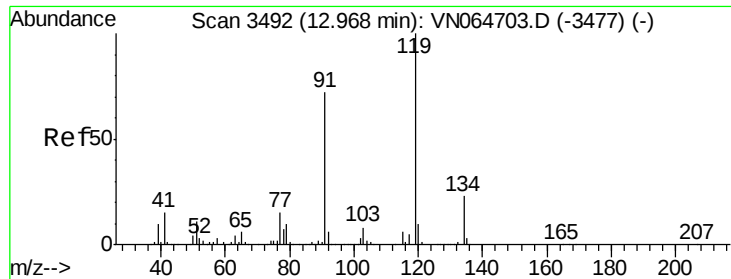
Tot Ion: 75 Resp: 26980
Ion Ratio Lower Upper
75 100
53 118.9 88.8 133.2
89 78.5 43.1 64.7#



#82
4-Chlorotoluene
Concen: 18.944 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion: 91 Resp: 206220
Ion Ratio Lower Upper
91 100
126 30.7 15.9 47.7

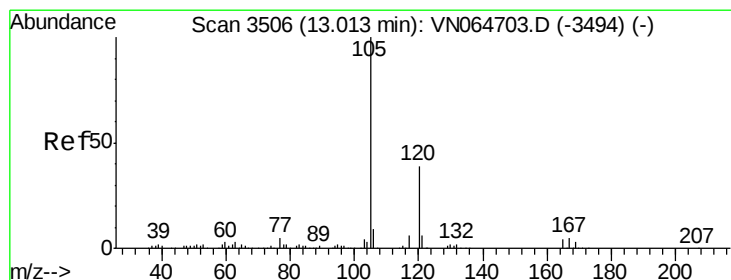
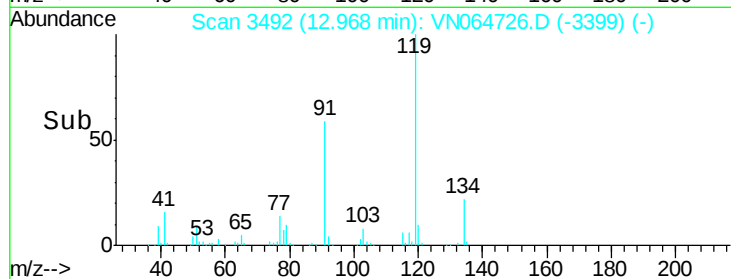
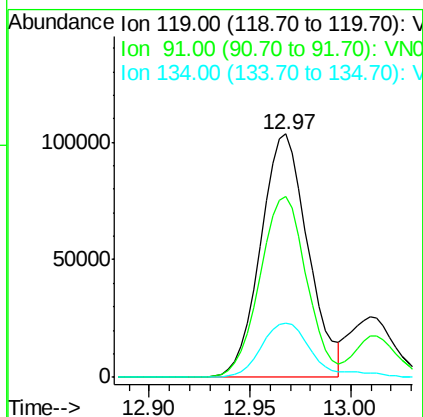
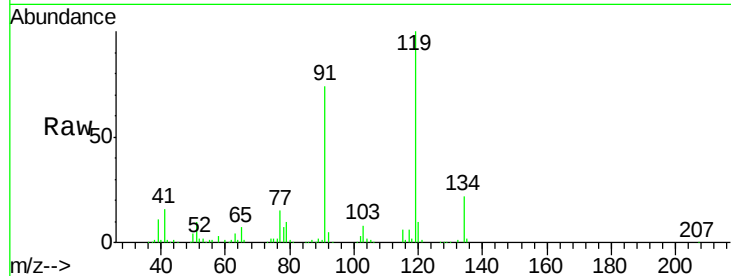




#83
 tert-Butylbenzene
 Concen: 19.220 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

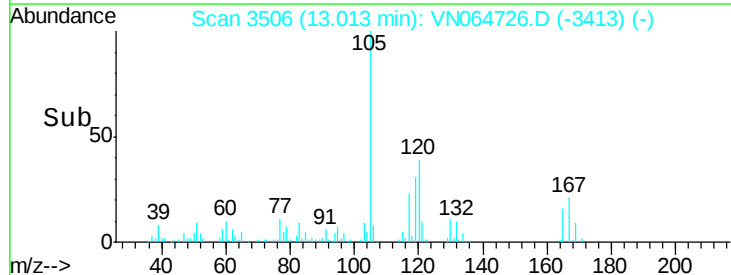
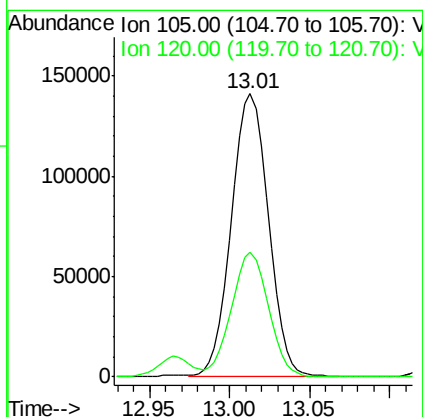
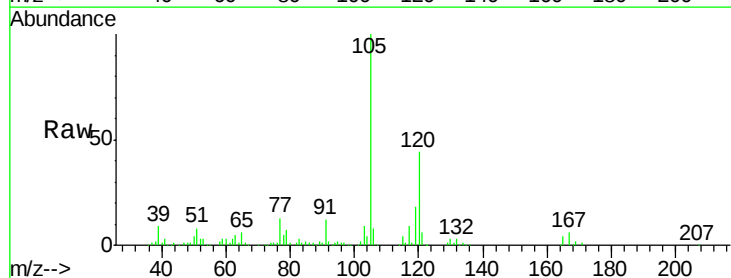
Instrument :
 MSVOA_N
 ClientSampled :
 VN1119WBS01

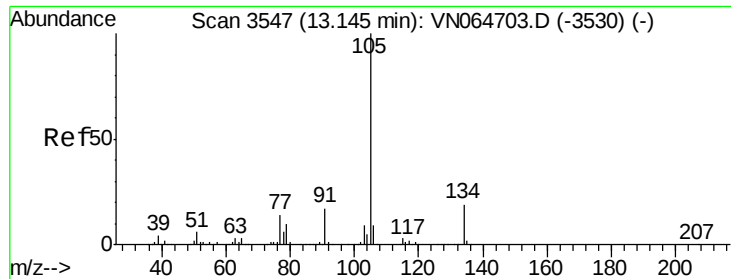
Tot Ion:119 Resp: 169176
 Ion Ratio Lower Upper
 119 100
 91 73.5 35.8 107.4
 134 24.3 12.0 36.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.039 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Tgt Ion:105 Resp: 221085
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 19.022 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

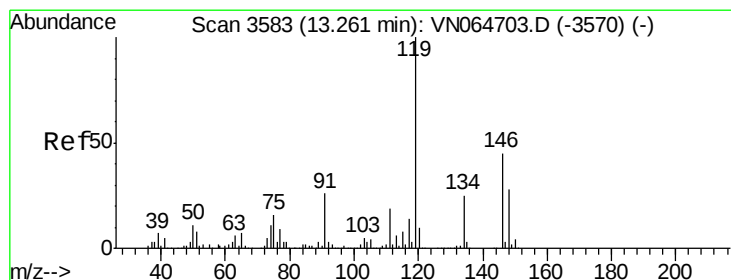
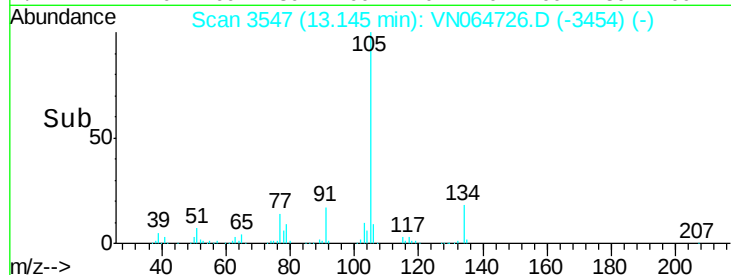
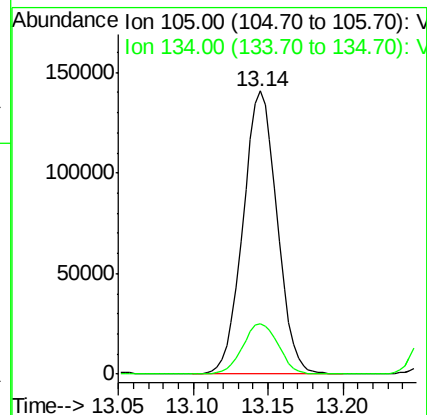
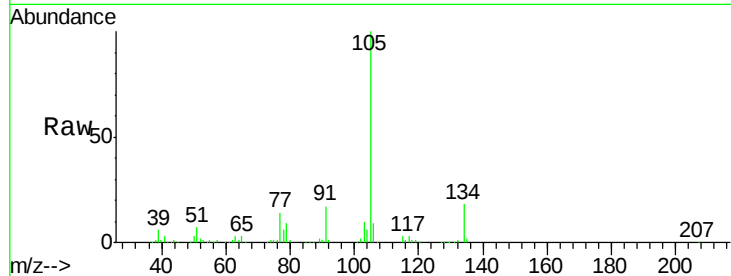
VN1119WBS01

Tot Ion:105 Resp: 223166

Ion Ratio Lower Upper

105 100

134 18.6 9.5 28.5



#86

p-Isopropyltoluene

Concen: 18.211 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

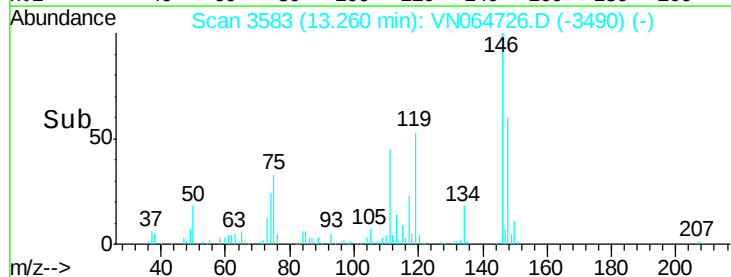
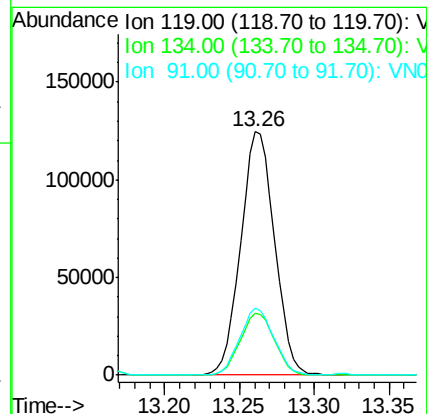
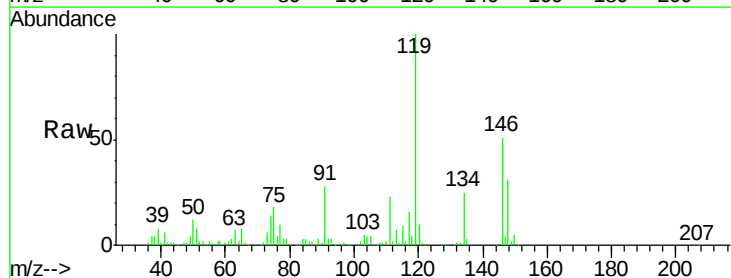
Tgt Ion:119 Resp: 196491

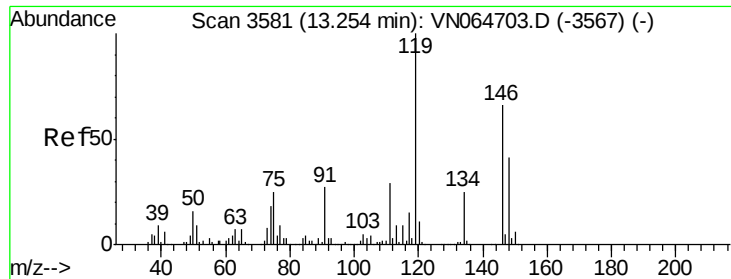
Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.0

91 27.7 13.3 39.8

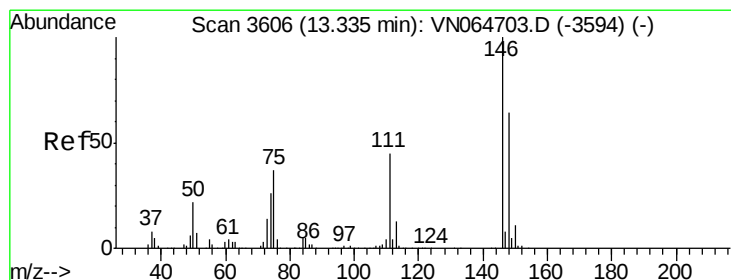
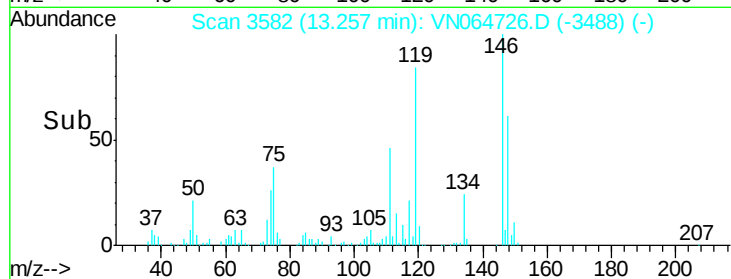
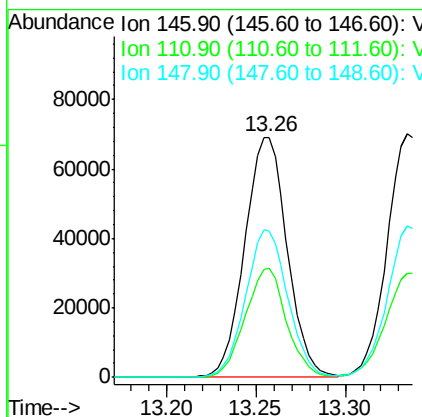
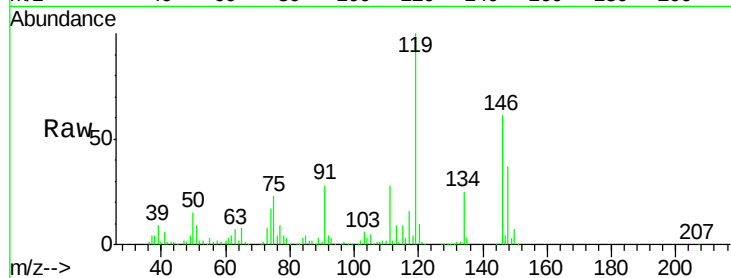




#87
 1,3-Dichlorobenzene
 Concen: 18.224 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

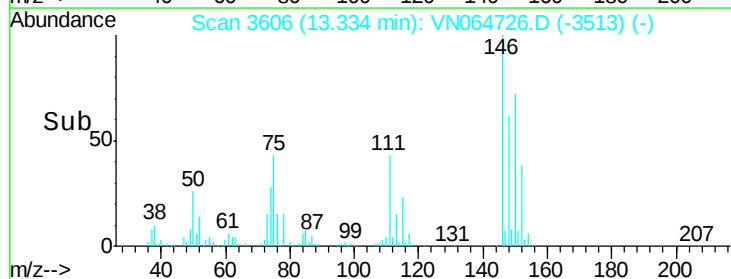
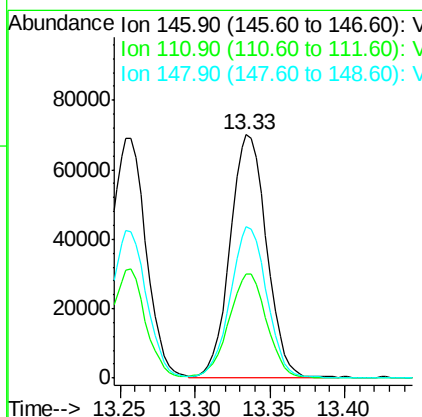
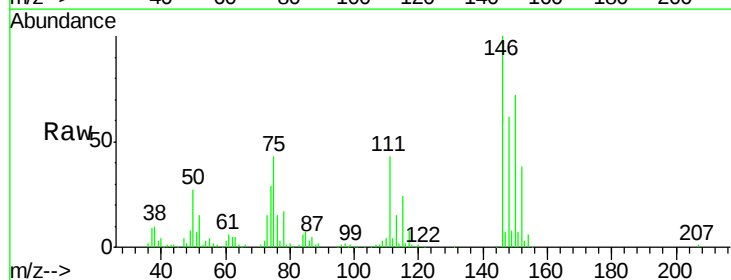
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

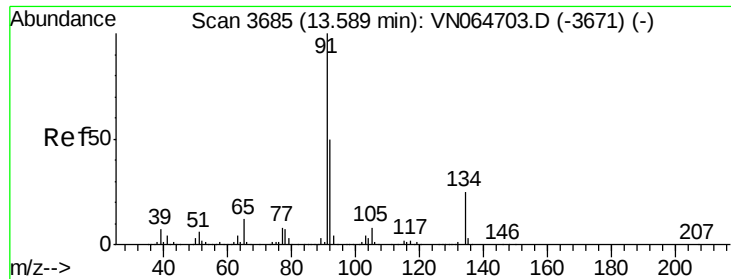
Tot Ion:146 Resp: 114704
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.8 65.4
 148 61.3 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 18.283 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Tgt Ion:146 Resp: 118144
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.3 66.8
 148 63.3 31.6 94.7





#89

n-Butylbenzene

Concen: 17.219 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VN1119WBS01

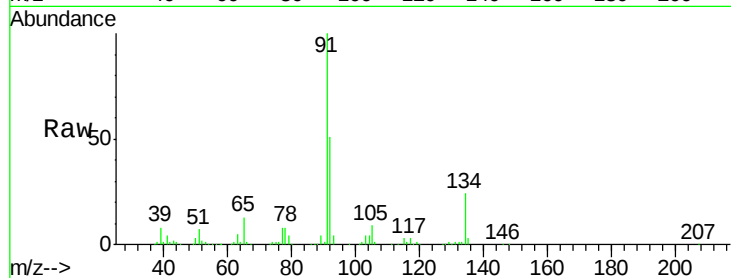
Tot Ion: 91 Resp: 173447

Ion Ratio Lower Upper

91 100

92 50.5 24.9 74.8

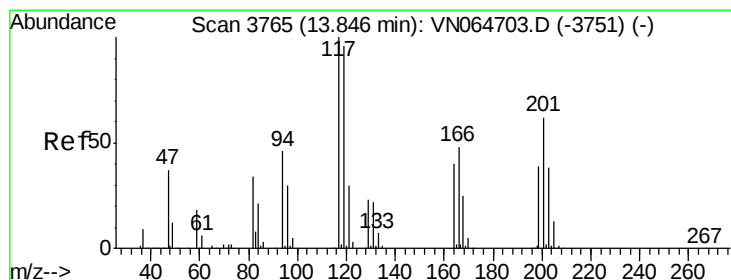
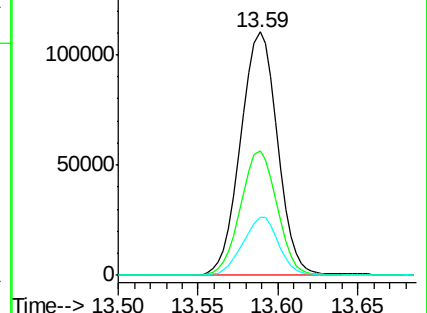
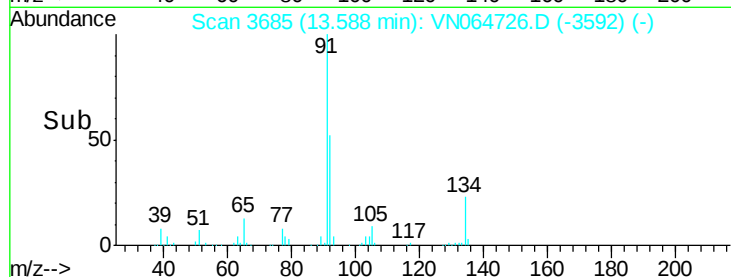
134 23.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN064726.D (-3592) (-)

Ion 92.00 (91.70 to 92.70): VN064726.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN064726.D (-3592) (-)



#90

Hexachloroethane

Concen: 19.111 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064726.D

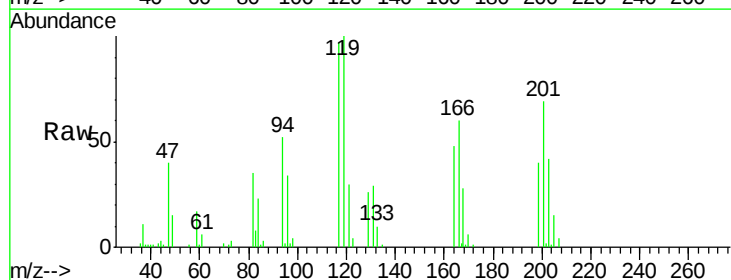
Acq: 19 Nov 2020 12:19

Tgt Ion: 117 Resp: 34089

Ion Ratio Lower Upper

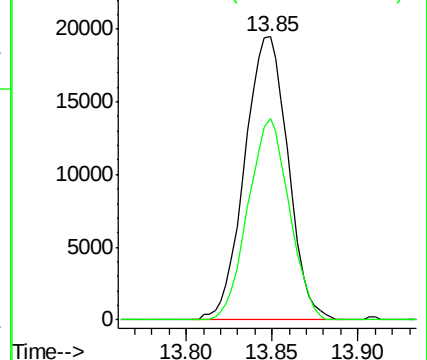
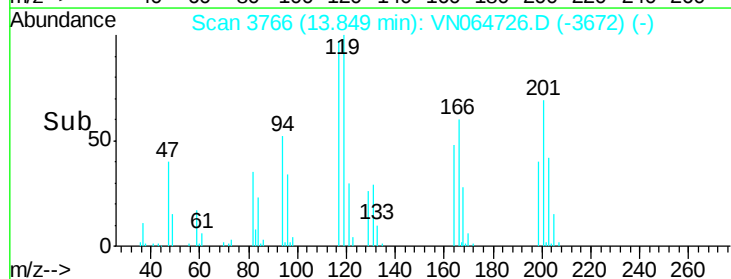
117 100

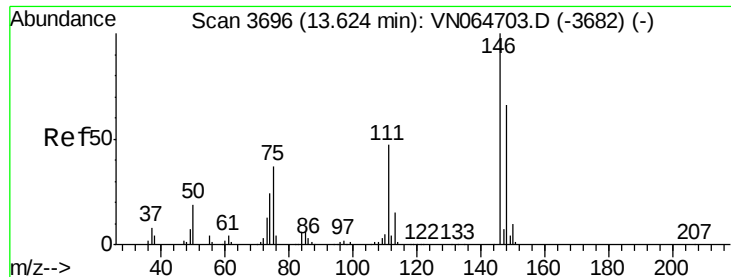
201 67.4 31.9 95.5



Abundance Ion 116.80 (116.50 to 117.50): VN064726.D (-3672) (-)

Ion 200.70 (200.40 to 201.40): VN064726.D (-3672) (-)

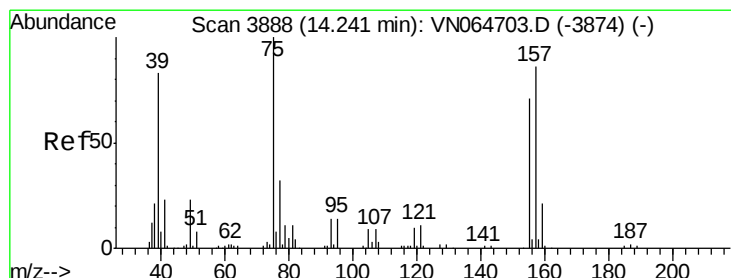
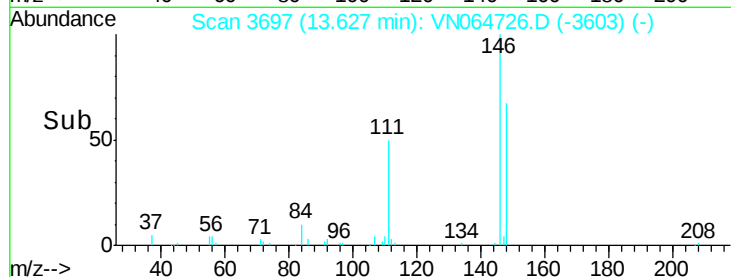
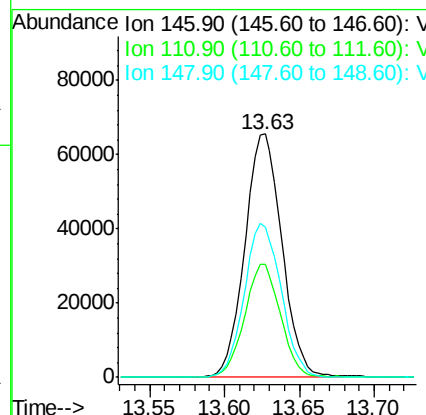
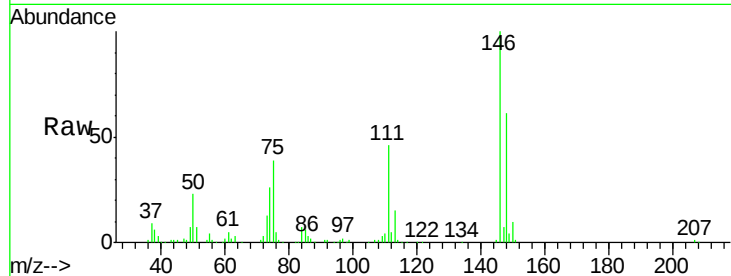




#91
 1,2-Dichlorobenzene
 Concen: 18.406 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

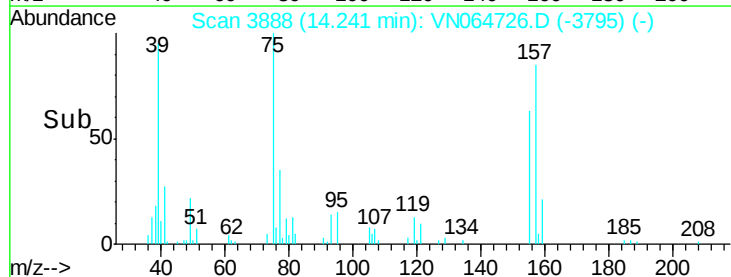
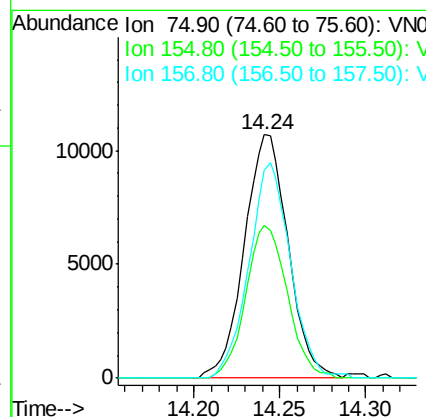
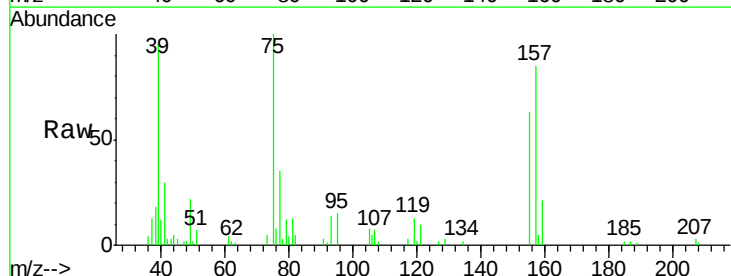
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

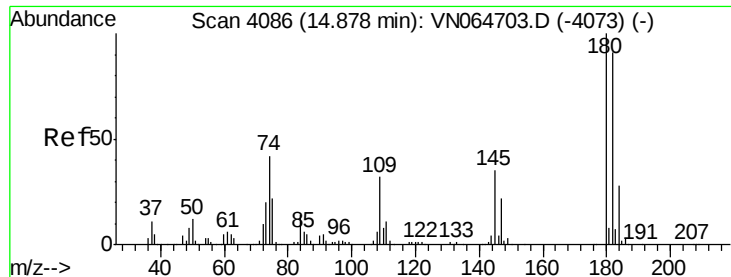
Tot Ion:146 Resp: 113229
 Ion Ratio Lower Upper
 146 100
 111 44.7 23.1 69.3
 148 62.9 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.789 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Tgt Ion: 75 Resp: 18881
 Ion Ratio Lower Upper
 75 100
 155 59.6 33.6 100.6
 157 83.9 42.4 127.2

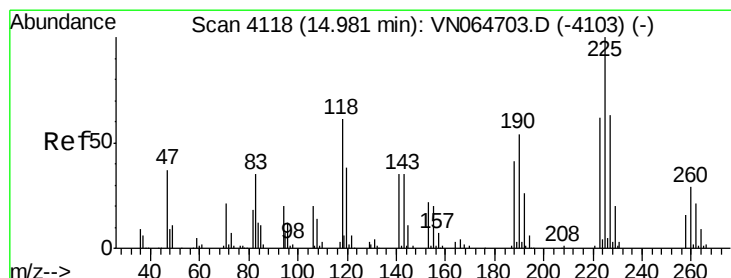
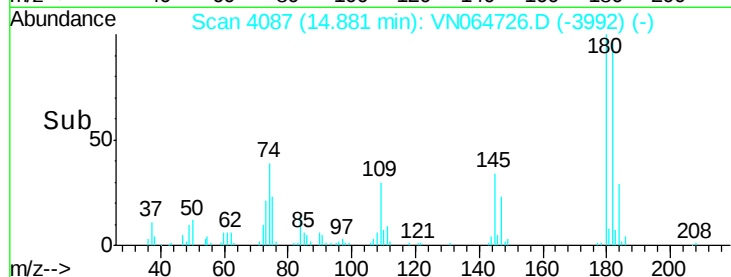
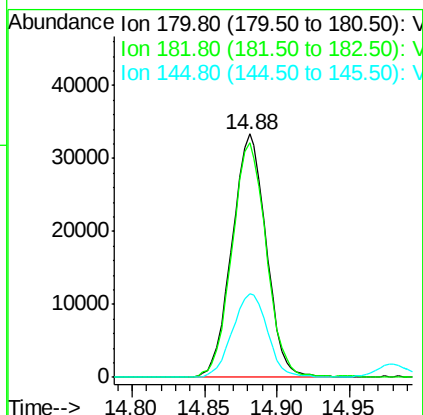
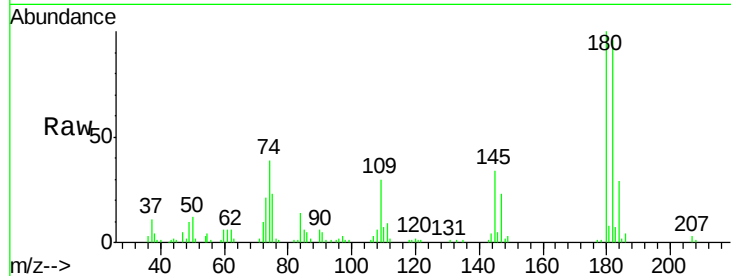




#93
 1,2,4-Trichlorobenzene
 Concen: 17.207 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

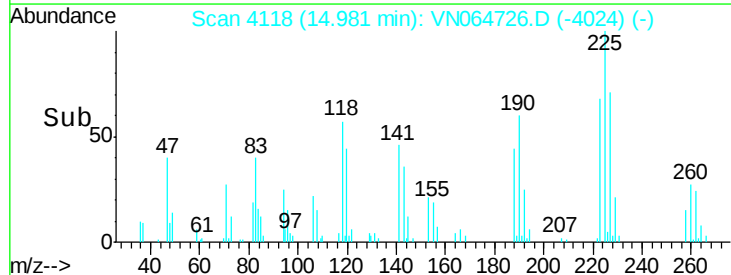
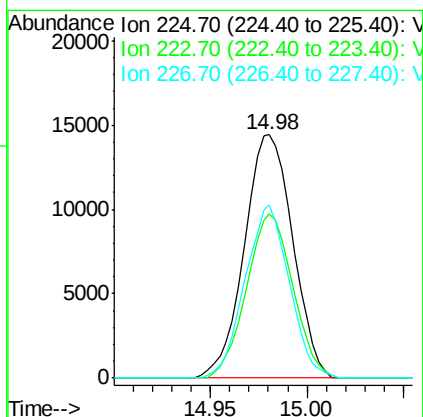
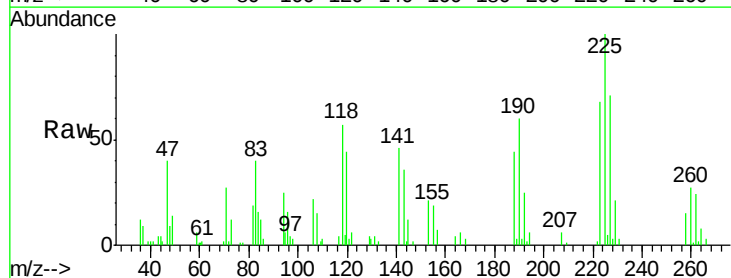
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

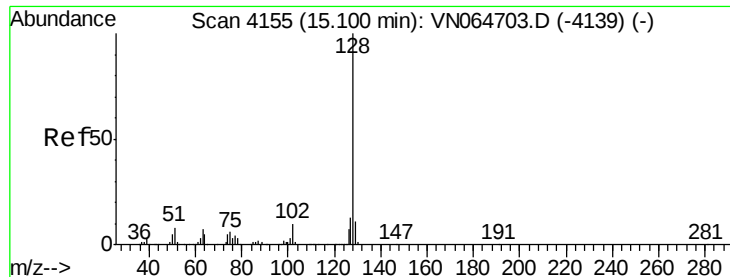
Tot Ion:180 Resp: 54594
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.3 141.8
 145 35.2 17.5 52.5



#94
 Hexachlorobutadiene
 Concen: 17.992 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Tgt Ion:225 Resp: 25096
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.2 93.6
 227 65.1 32.1 96.3





#95

Naphthalene

Concen: 16.331 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VN1119WBS01

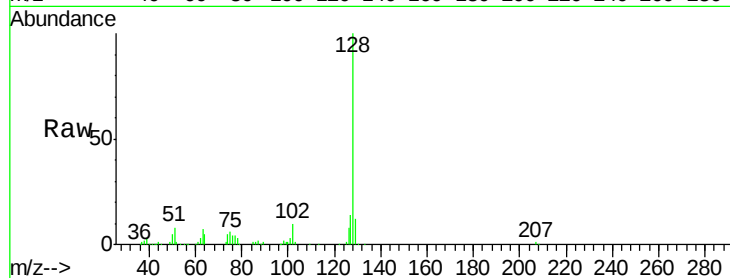
Tot Ion:128 Resp: 177071

Ion Ratio Lower Upper

128 100

127 13.8 10.8 16.2

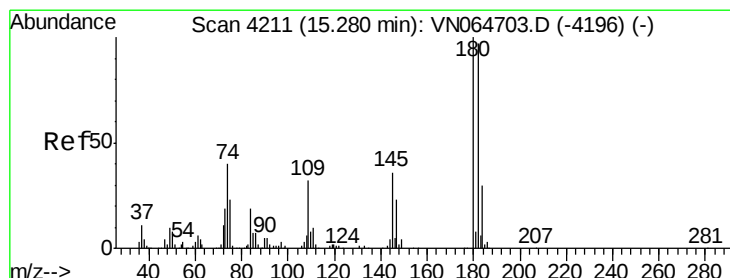
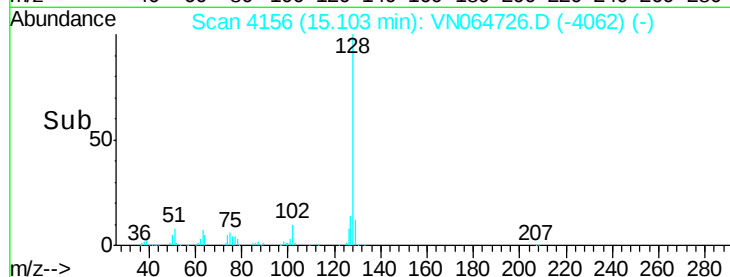
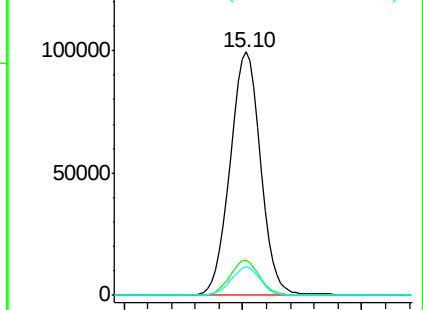
129 11.1 8.9 13.3



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: 17.287 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

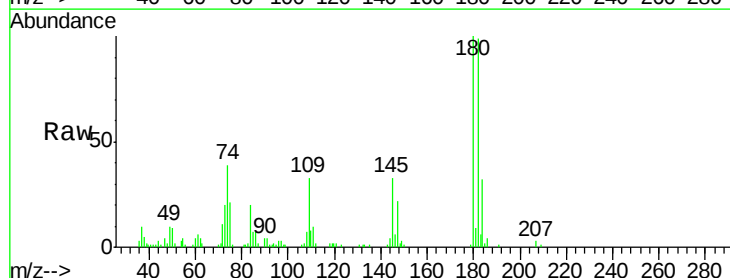
Tgt Ion:180 Resp: 53866

Ion Ratio Lower Upper

180 100

182 97.4 47.5 142.5

145 33.7 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

