

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064053.D
 Acq On : 9 Oct 2020 22:49
 Operator : JC/MD
 Sample : VN1009WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD02

Quant Time: Oct 10 02:24:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	231550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	390012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	371546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	162668	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	197398	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
35) Dibromofluoromethane	7.55	113	139868	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	10.06	98	507704	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.38	95	184578	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	43084	17.634	ug/l	99
3) Chloromethane	2.04	50	55219	19.262	ug/l	98
4) Vinyl Chloride	2.16	62	52095	18.103	ug/l	99
5) Bromomethane	2.53	94	32284	17.836	ug/l	98
6) Chloroethane	2.67	64	34072	19.814	ug/l	94
7) Trichlorofluoromethane	2.99	101	84221	18.453	ug/l	98
8) Diethyl Ether	3.38	74	29647	19.207	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.72	101	47134	19.322	ug/l	97
10) Methyl Iodide	3.91	142	52678	18.598	ug/l	99
11) Tert butyl alcohol	4.73	59	47603	112.714	ug/l #	81
12) 1,1-Dichloroethene	3.70	96	43146	18.504	ug/l	95
13) Acrolein	3.57	56	36279	139.963	ug/l	99
14) Allyl chloride	4.28	41	92959	21.460	ug/l	87
15) Acrylonitrile	4.93	53	141376	116.946	ug/l	98
16) Acetone	3.78	43	128573	109.185	ug/l	99
17) Carbon Disulfide	4.01	76	116414	18.914	ug/l	97
18) Methyl Acetate	4.28	43	72224	23.622	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	169088	19.960	ug/l	99
20) Methylene Chloride	4.51	84	55656	20.692	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	47638	18.240	ug/l	95
22) Diisopropyl ether	5.90	45	202249	22.693	ug/l	97
23) Vinyl Acetate	5.85	43	781123	105.805	ug/l	99
24) 1,1-Dichloroethane	5.80	63	106438	20.887	ug/l	99
25) 2-Butanone	6.79	43	193457	115.877	ug/l	98
26) 2,2-Dichloropropane	6.78	77	76218	16.333	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	58360	19.429	ug/l	99
28) Bromochloromethane	7.15	49	54257	21.542	ug/l	93
29) Tetrahydrofuran	7.16	42	134167	119.821	ug/l	94
30) Chloroform	7.33	83	111602	21.004	ug/l	95
31) Cyclohexane	7.62	56	82035	18.472	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	96261	20.086	ug/l	98
36) 1,1-Dichloropropene	7.75	75	74508	18.857	ug/l	99
37) Ethyl Acetate	6.88	43	81701	20.812	ug/l	99
38) Carbon Tetrachloride	7.73	117	82121	18.535	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	63590	16.138	ug/l	95
40) Benzene	8.00	78	224852	19.924	ug/l	97
41) Methacrylonitrile	7.12	41	31053	17.799	ug/l #	61
42) 1,2-Dichloroethane	8.09	62	93932	19.498	ug/l	100
43) Isopropyl Acetate	8.13	43	134169	20.721	ug/l	99
44) Trichloroethene	8.80	130	54076	18.288	ug/l	97
45) 1,2-Dichloropropane	9.08	63	63122	20.710	ug/l	97
46) Dibromomethane	9.17	93	39752	18.906	ug/l	97
47) Bromodichloromethane	9.37	83	87180	20.119	ug/l	98
48) Methyl methacrylate	9.17	41	67101	20.975	ug/l	91
49) 1,4-Dioxane	9.17	88	17827	392.094	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	433706	114.137	ug/l	100
52) Toluene	10.13	92	137936	19.760	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	85370	18.379	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	93399	19.226	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	56355	20.131	ug/l	97
56) Ethyl methacrylate	10.40	69	78762	19.849	ug/l	92
57) 1,3-Dichloropropane	10.68	76	95810	20.229	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.67	63	211535	99.660	ug/l	98
59) 2-Hexanone	10.72	43	310894	110.138	ug/l	98
60) Dibromochloromethane	10.87	129	62205	19.080	ug/l	98
61) 1,2-Dibromoethane	10.98	107	56301	19.661	ug/l	97
64) Tetrachloroethene	10.60	164	49969	17.383	ug/l	99
65) Chlorobenzene	11.41	112	141544	18.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	56656	19.390	ug/l	100
67) Ethyl Benzene	11.49	91	252704	18.221	ug/l	99
68) m/p-Xylenes	11.60	106	187154	36.209	ug/l	99
69) o-Xylene	11.92	106	87759	18.166	ug/l	98
70) Styrene	11.94	104	152381	18.582	ug/l	100
71) Bromoform	12.10	173	43258	19.357	ug/l #	99
73) Isopropylbenzene	12.23	105	237357	20.005	ug/l	100
74) N-amyl acetate	12.05	43	106524	20.677	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	81990	22.598	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	110246	30.745	ug/l #	100
77) Bromobenzene	12.50	156	59646	20.487	ug/l	96
78) n-propylbenzene	12.57	91	273531	19.809	ug/l	98
79) 2-Chlorotoluene	12.65	91	172014	20.255	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	198645	19.956	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	23828	19.139	ug/l	92
82) 4-Chlorotoluene	12.75	91	175462	19.903	ug/l	100
83) tert-Butylbenzene	12.97	119	158226	19.433	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	193631	19.484	ug/l	97
85) sec-Butylbenzene	13.14	105	208126	19.461	ug/l	99
86) p-Isopropyltoluene	13.26	119	187431	19.811	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	101987	19.363	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	101661	18.538	ug/l	99
89) n-Butylbenzene	13.59	91	145893	16.708	ug/l	98
90) Hexachloroethane	13.85	117	36460	19.888	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	104020	19.939	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	16608	19.519	ug/l	93

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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	43331	16.481	ug/l	98
94) Hexachlorobutadiene	14.98	225	28855	20.439	ug/l	97
95) Naphthalene	15.11	128	121659	15.252	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	44262	17.151	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

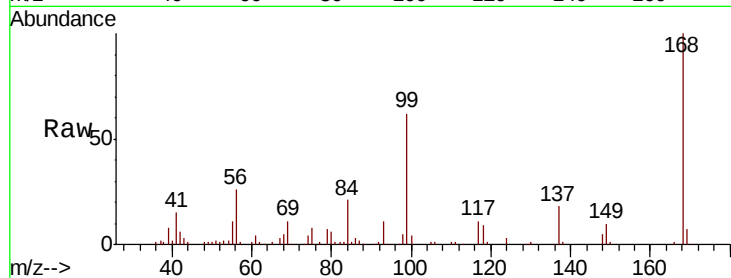
VN1009WBSD02

Tot Ion:168 Resp: 231550

Ion Ratio Lower Upper

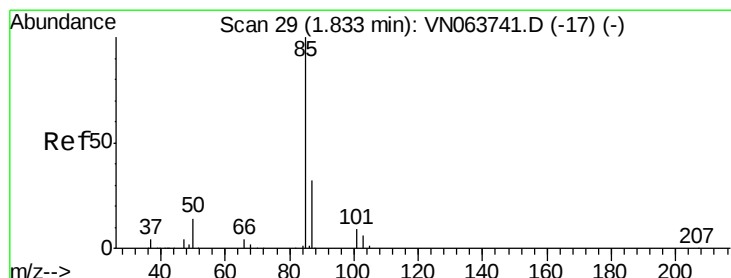
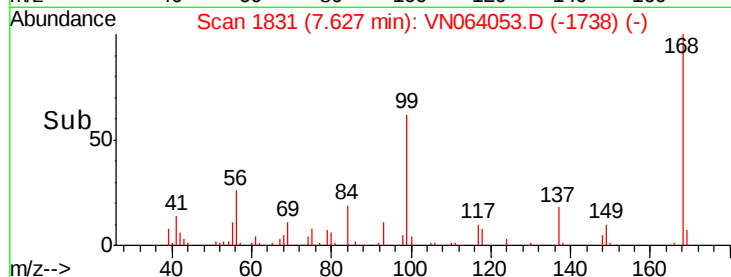
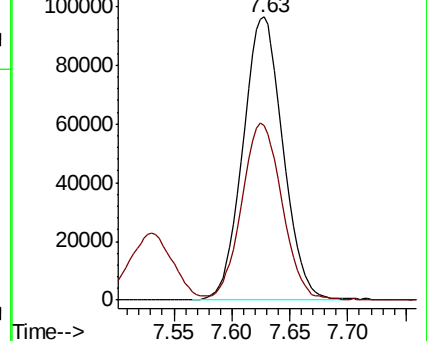
168 100

99 61.1 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 17.634 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064053.D

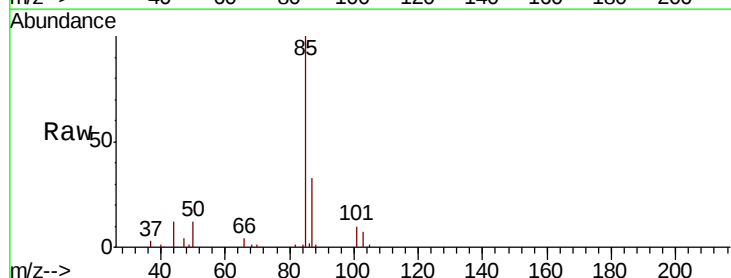
Acq: 9 Oct 2020 22:49

Tgt Ion: 85 Resp: 43084

Ion Ratio Lower Upper

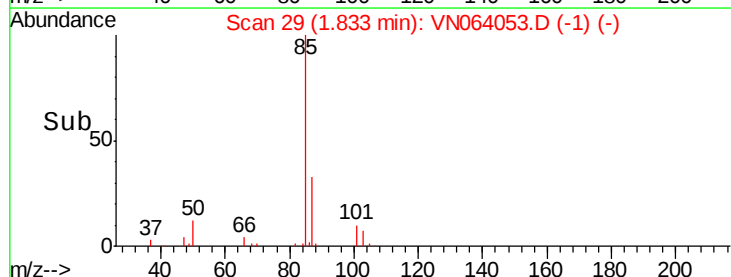
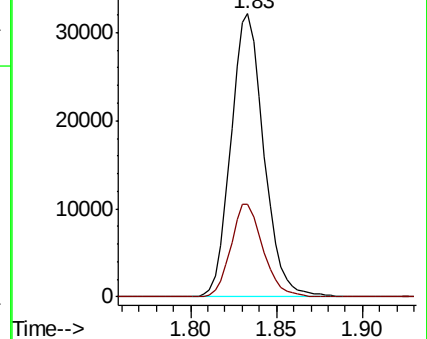
85 100

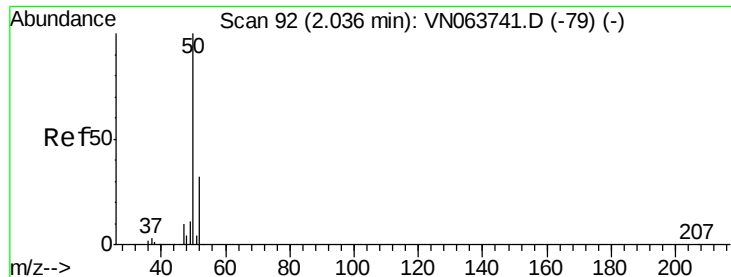
87 32.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 19.262 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

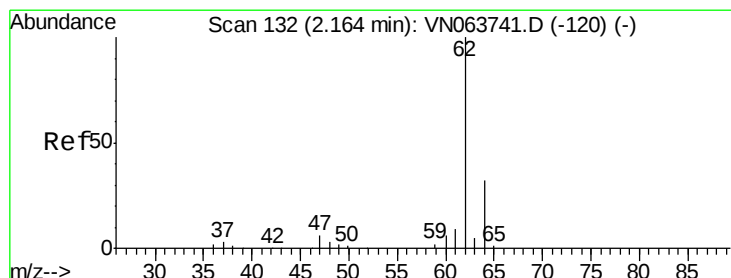
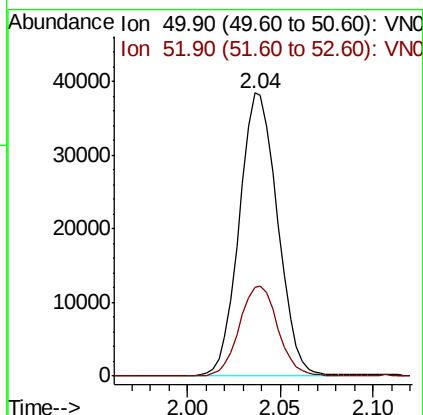
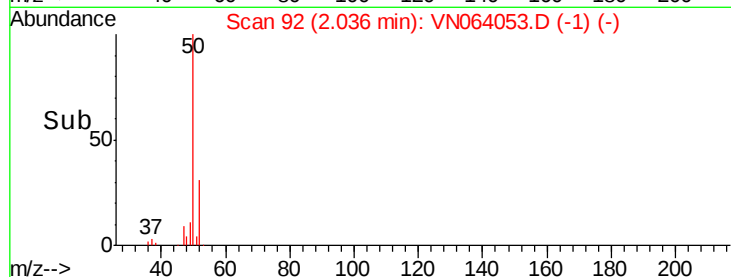
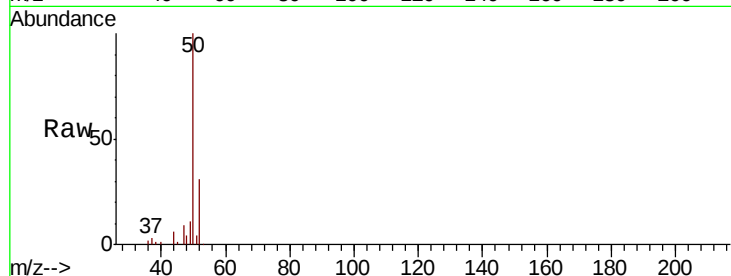
VN1009WBSD02

Tot Ion: 50 Resp: 55219

Ion Ratio Lower Upper

50 100

52 31.3 25.8 38.8



#4

Vinyl Chloride

Concen: 18.103 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064053.D

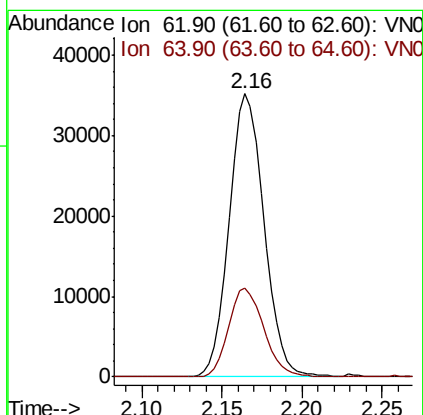
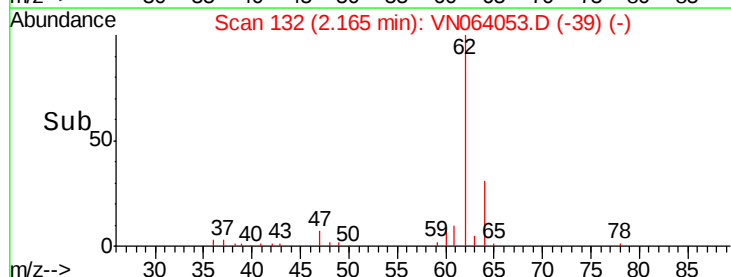
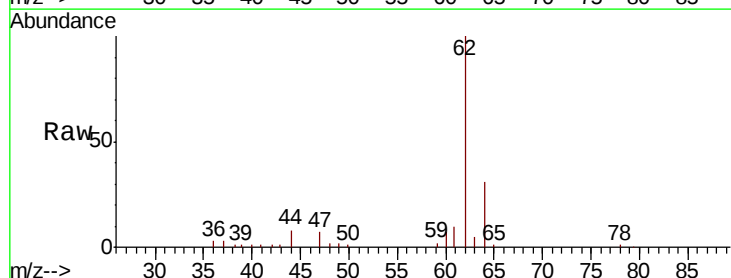
Acq: 9 Oct 2020 22:49

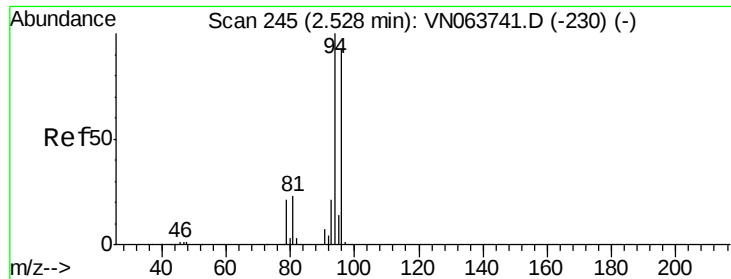
Tgt Ion: 62 Resp: 52095

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4





#5

Bromomethane

Concen: 17.836 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

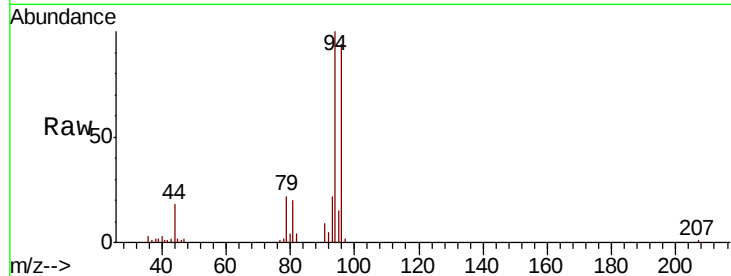
VN1009WBSD02

Tot Ion: 94 Resp: 32284

Ion Ratio Lower Upper

94 100

96 93.7 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN063741.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN063741.D (-230) (-)

2.53

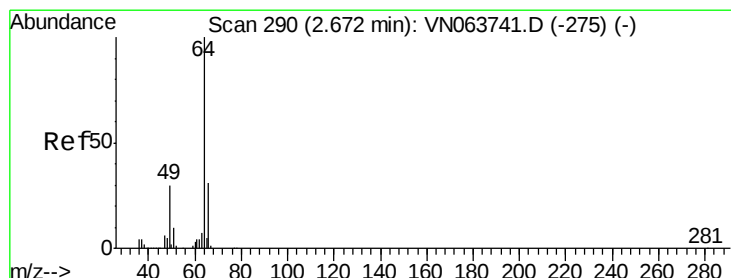
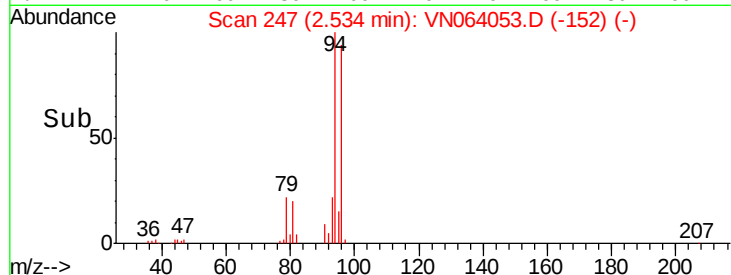
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.814 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064053.D

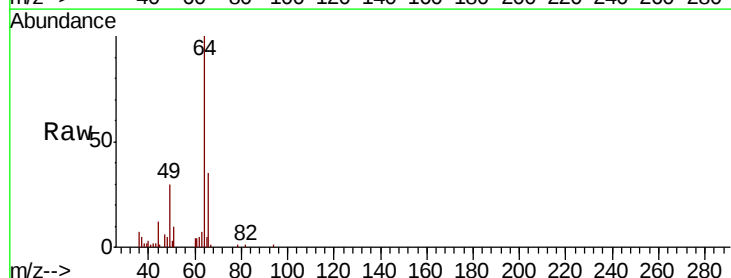
Acq: 9 Oct 2020 22:49

Tgt Ion: 64 Resp: 34072

Ion Ratio Lower Upper

64 100

66 34.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN063741.D (-275) (-)

Ion 65.90 (65.60 to 66.60): VN063741.D (-275) (-)

2.67

20000

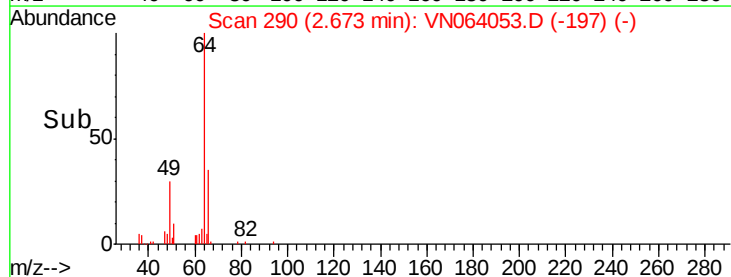
15000

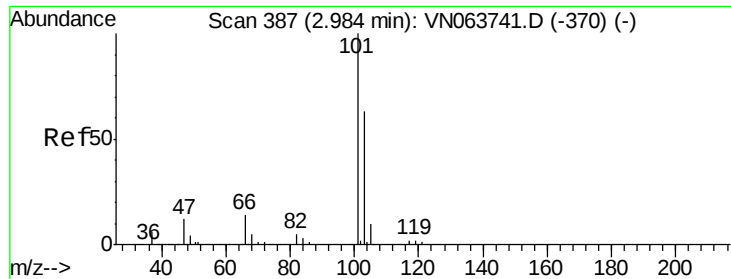
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5000

0

Time-->



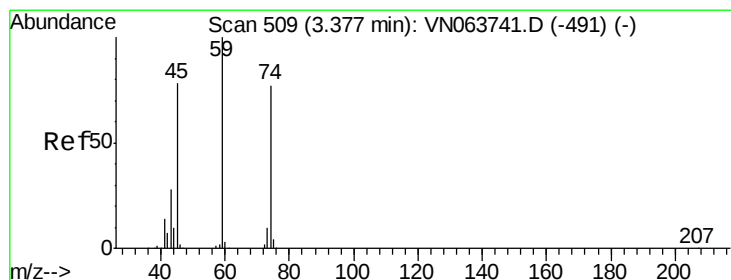
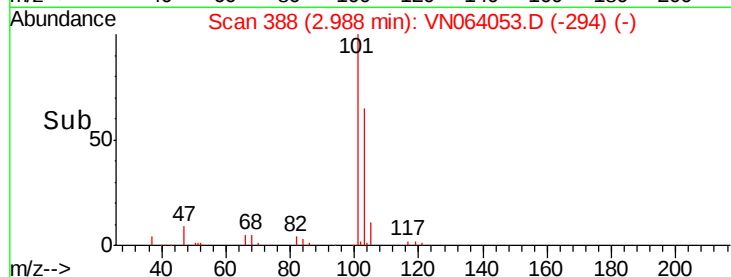
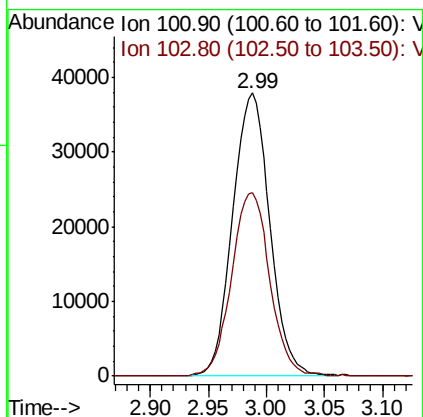
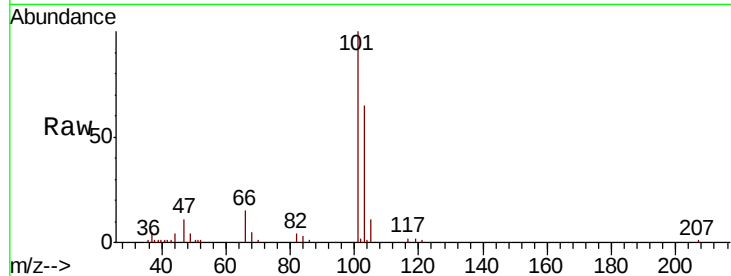


#7

Trichlorofluoromethane
 Concen: 18.453 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

Instrument :
 MSVOA_N
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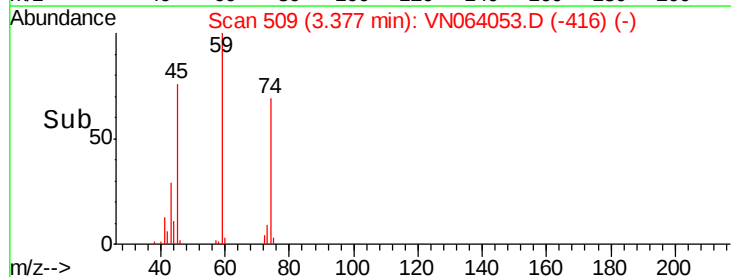
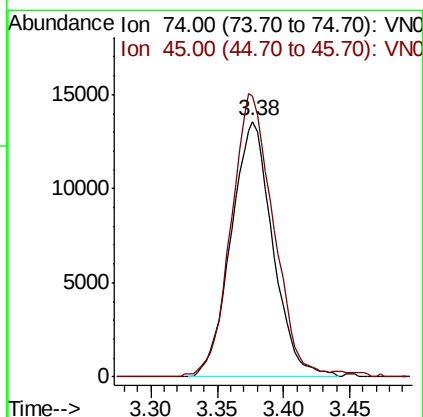
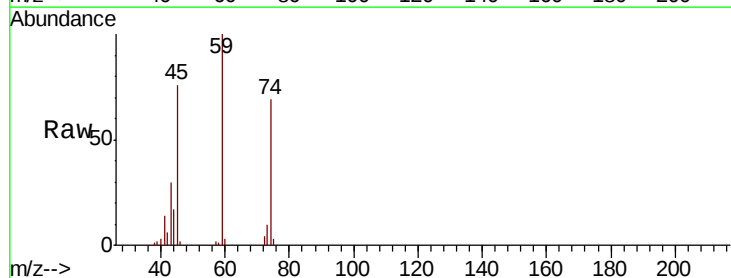
Tot Ion:101 Resp: 84221
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.7 76.1

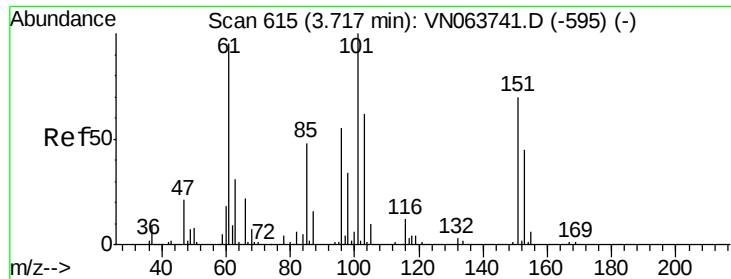


#8

Diethyl Ether
 Concen: 19.207 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

Tgt Ion: 74 Resp: 29647
 Ion Ratio Lower Upper
 74 100
 45 112.5 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.322 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

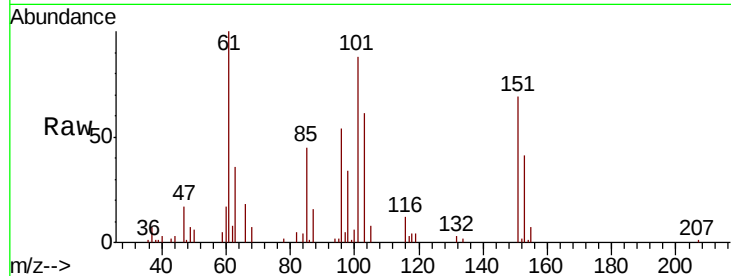
Tot Ion:101 Resp: 47134

Ion Ratio Lower Upper

101 100

85 45.4 38.6 58.0

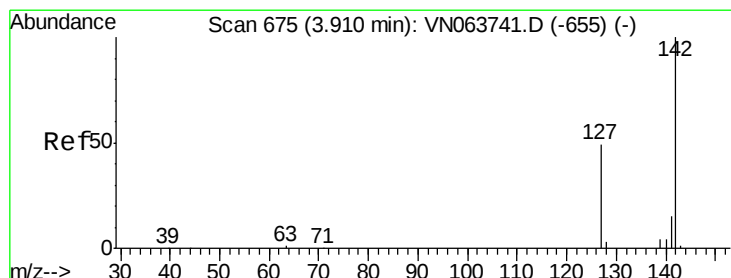
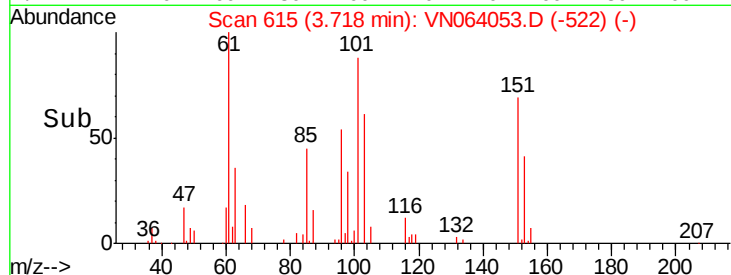
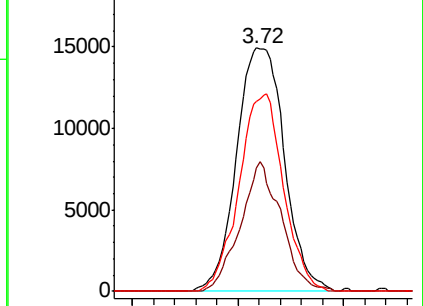
151 75.3 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.598 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

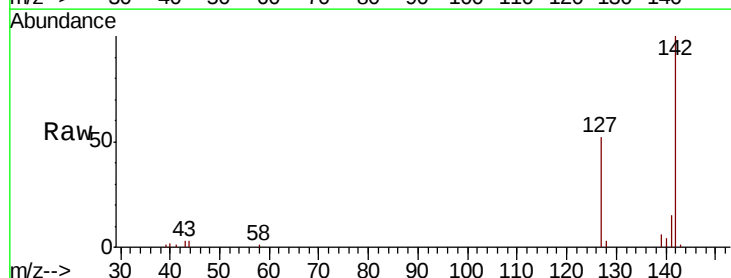
Tgt Ion:142 Resp: 52678

Ion Ratio Lower Upper

142 100

127 51.3 40.5 60.7

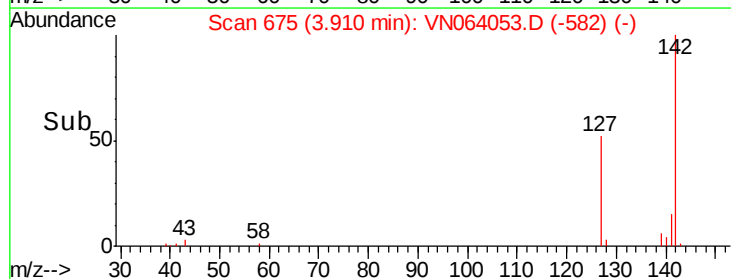
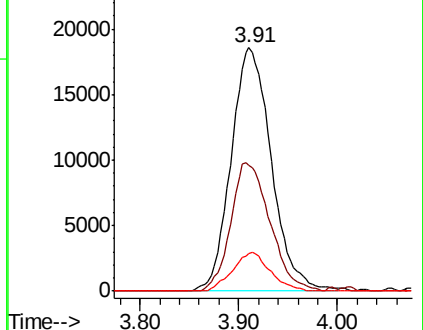
141 14.8 11.7 17.5

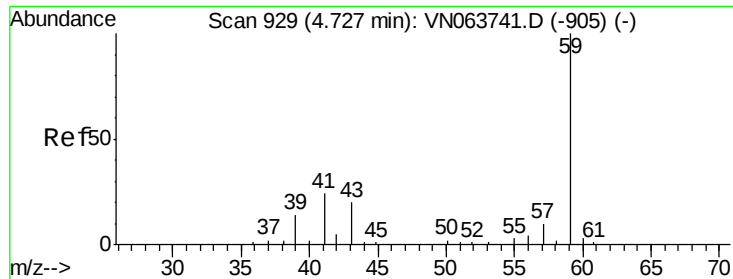


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

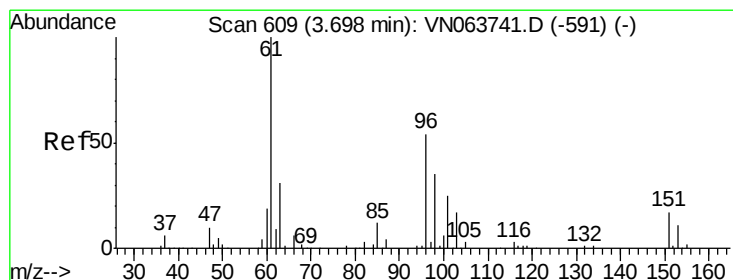
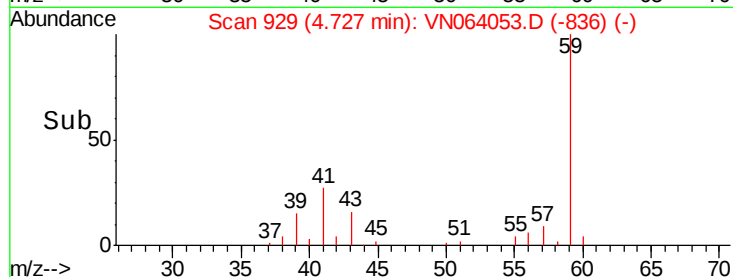
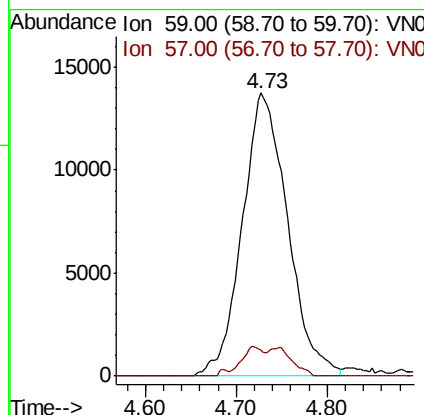
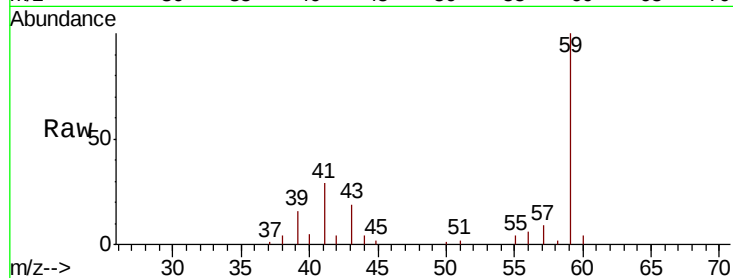




#11
Tert butyl alcohol
Concen: 112.714 ug/l
RT: 4.73 min Scan# 929
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

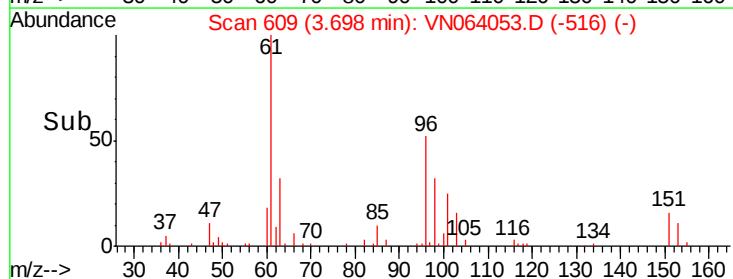
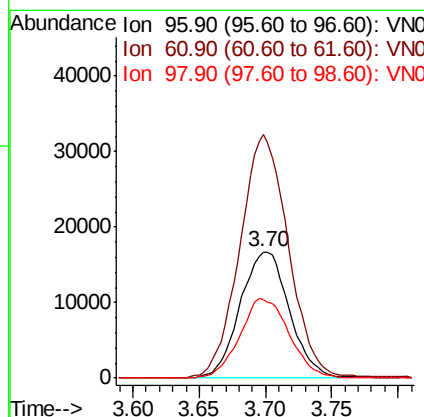
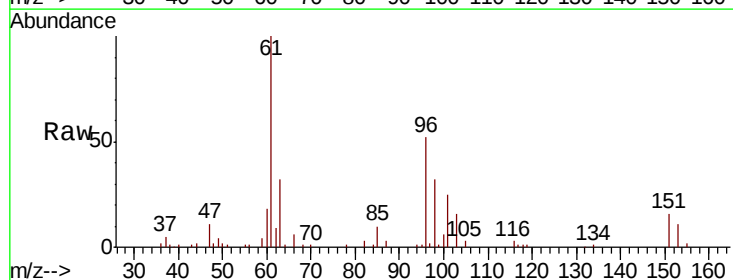
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

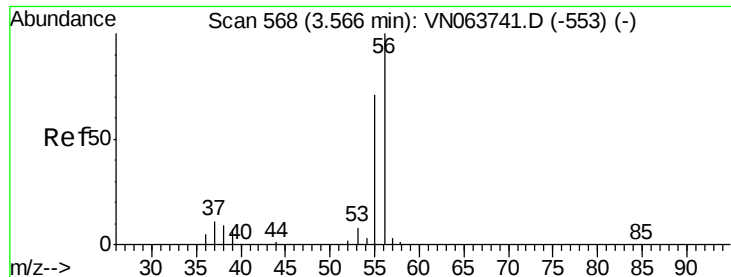
Tot Ion: 59 Resp: 47603
Ion Ratio Lower Upper
59 100
57 3.6 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 18.504 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Tgt Ion: 96 Resp: 43146
Ion Ratio Lower Upper
96 100
61 192.2 147.7 221.5
98 62.5 51.9 77.9





#13

Acrolein

Concen: 139.963 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

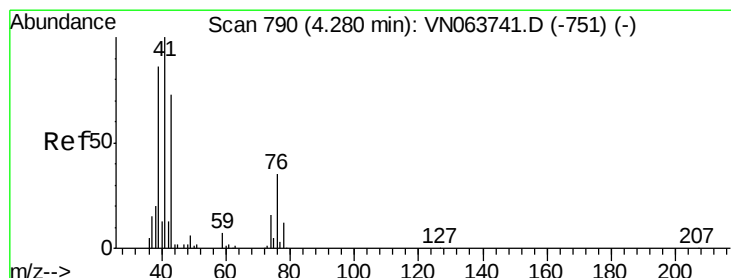
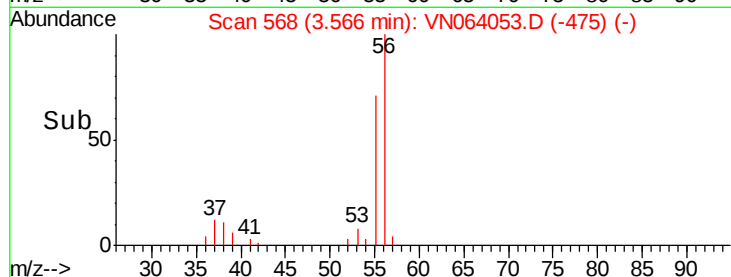
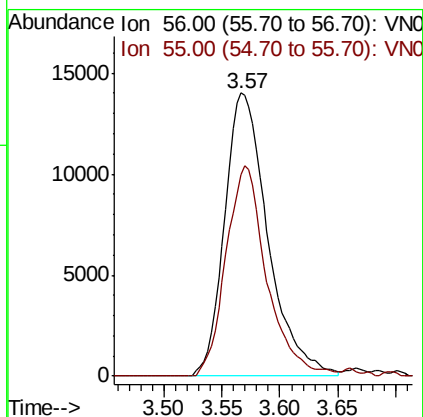
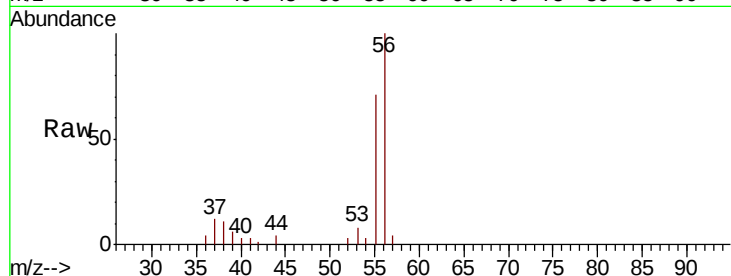
VN1009WBSD02

Tot Ion: 56 Resp: 36279

Ion Ratio Lower Upper

56 100

55 70.1 56.9 85.3



#14

Allyl chloride

Concen: 21.460 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

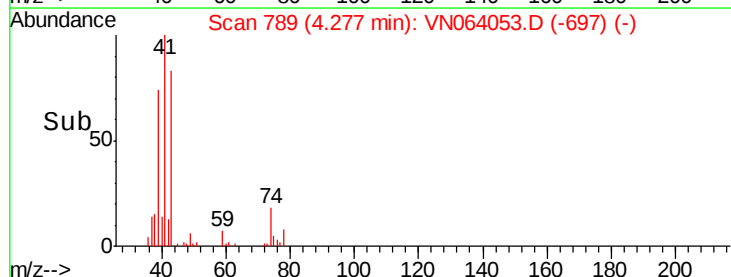
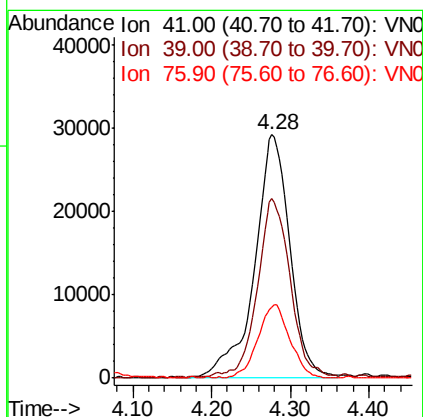
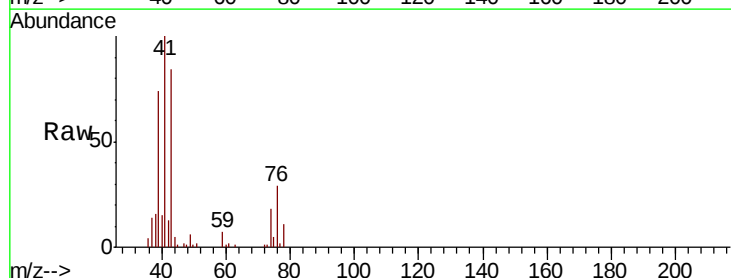
Tgt Ion: 41 Resp: 92959

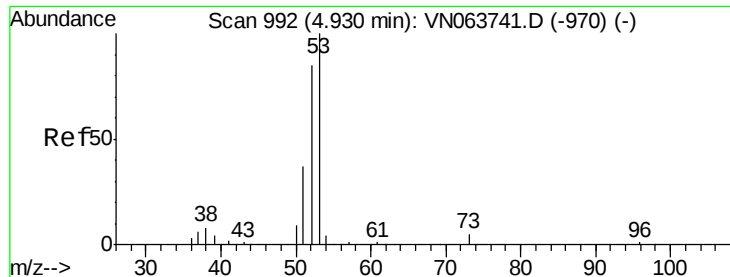
Ion Ratio Lower Upper

41 100

39 67.3 64.5 96.7

76 27.3 25.9 38.9





#15

Acrylonitrile

Concen: 116.946 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

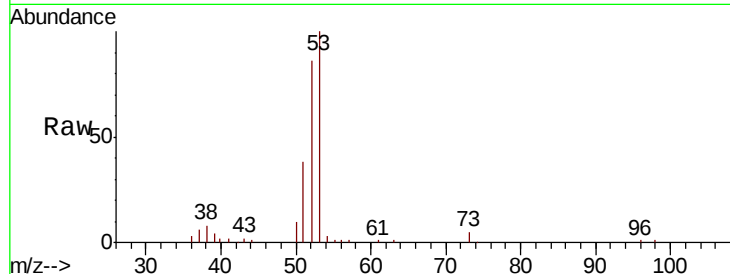
Tot Ion: 53 Resp: 141376

Ion Ratio Lower Upper

53 100

52 80.5 66.5 99.7

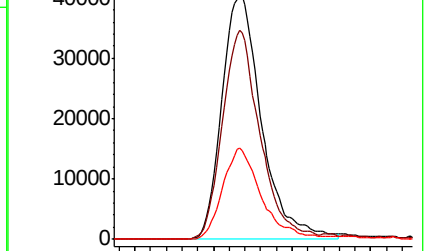
51 36.5 29.9 44.9



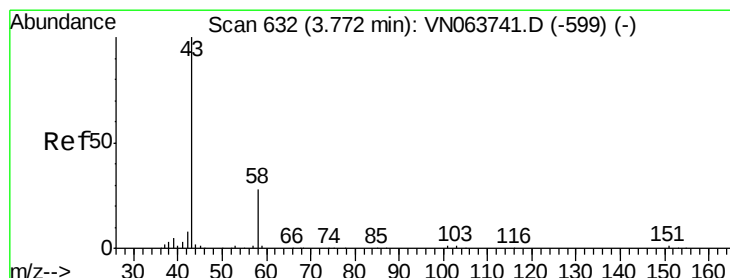
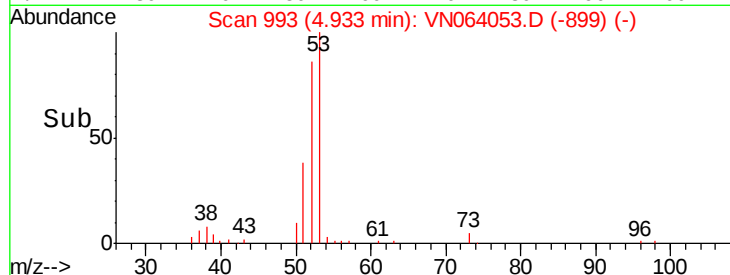
Abundance Ion 53.00 (52.70 to 53.70): VN063741.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063741.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063741.D (-970) (-)



Time-->



#16

Acetone

Concen: 109.185 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064053.D

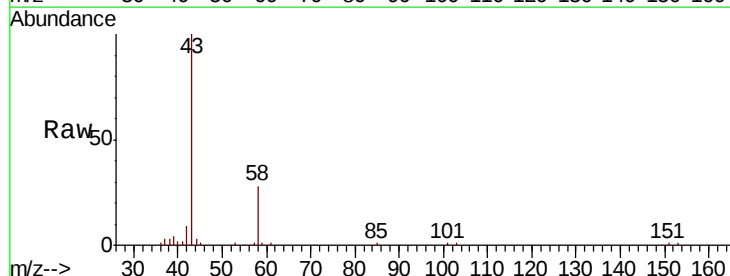
Acq: 9 Oct 2020 22:49

Tgt Ion: 43 Resp: 128573

Ion Ratio Lower Upper

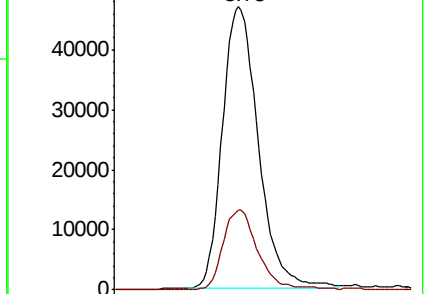
43 100

58 28.5 22.3 33.5

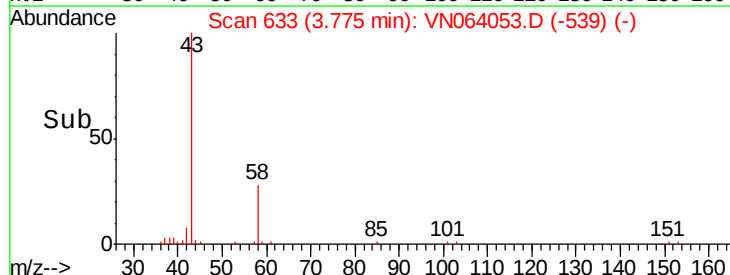


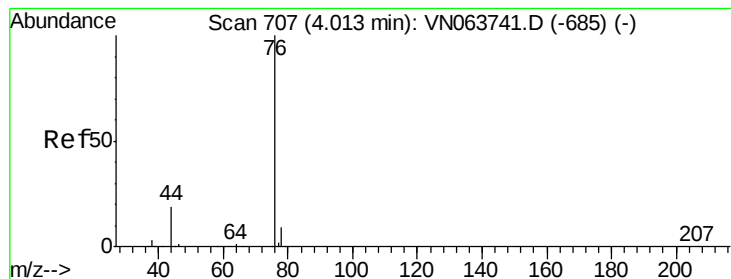
Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-599) (-)



Time-->





#17

Carbon Disulfide

Concen: 18.914 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

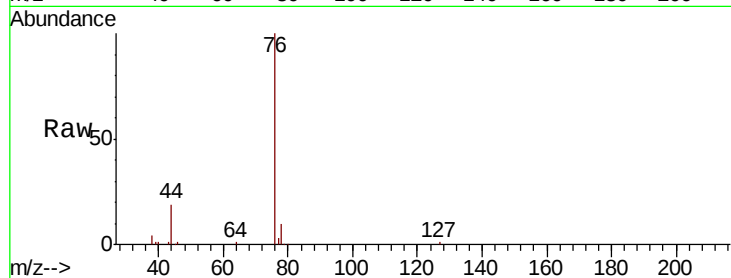
VN1009WBSD02

Tot Ion: 76 Resp: 116414

Ion Ratio Lower Upper

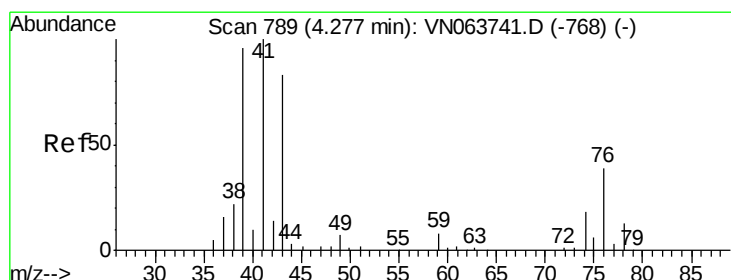
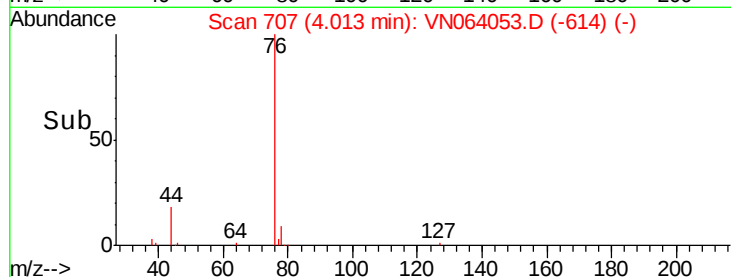
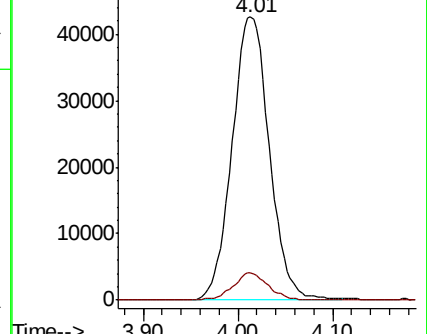
76 100

78 9.7 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VN063741.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN063741.D (-685) (-)



#18

Methyl Acetate

Concen: 23.622 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN064053.D

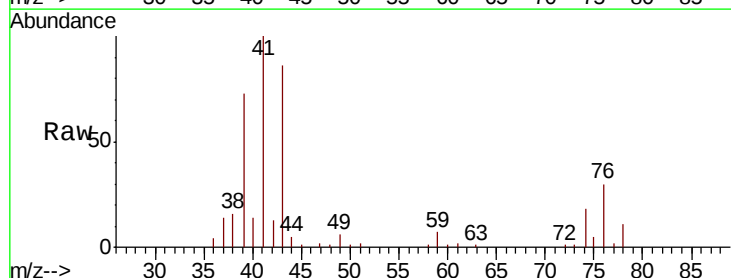
Acq: 9 Oct 2020 22:49

Tgt Ion: 43 Resp: 72224

Ion Ratio Lower Upper

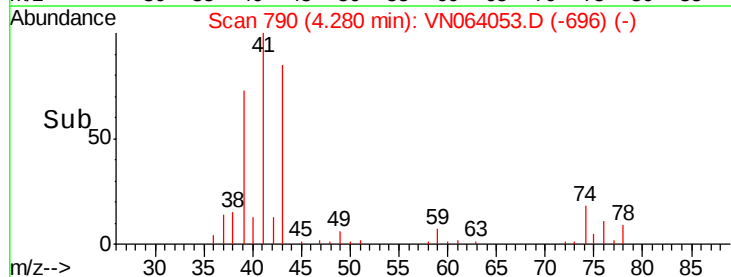
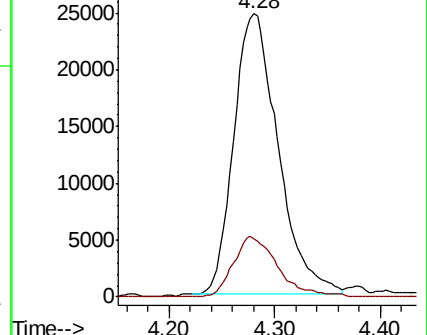
43 100

74 21.3 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-768) (-)

Ion 74.00 (73.70 to 74.70): VN063741.D (-768) (-)

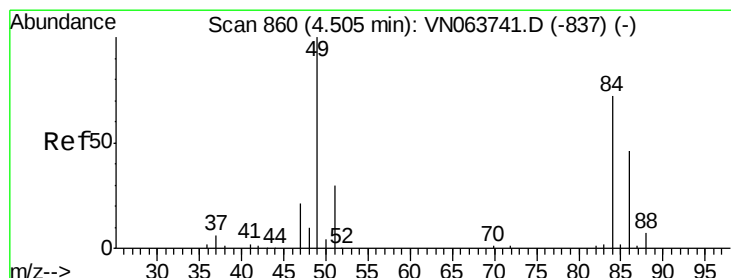
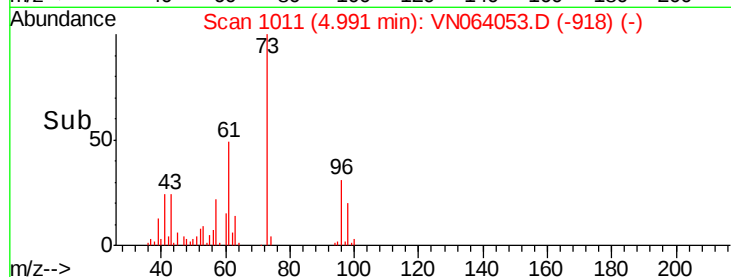
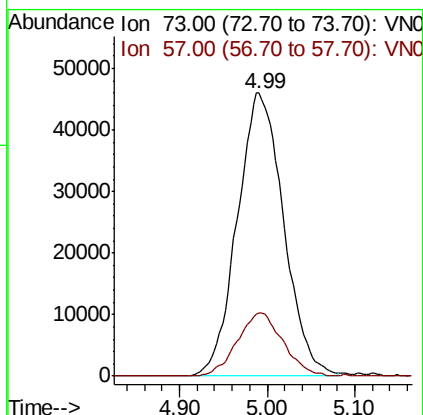
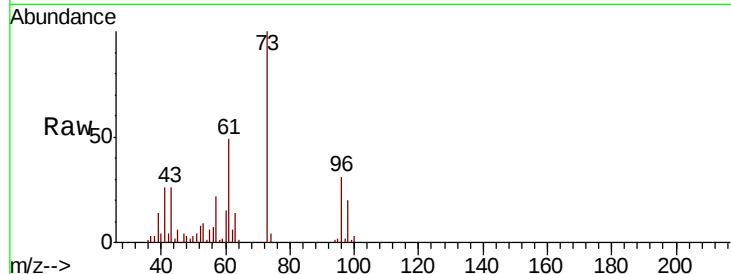




#19
Methyl tert-butyl Ether
Concen: 19.960 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

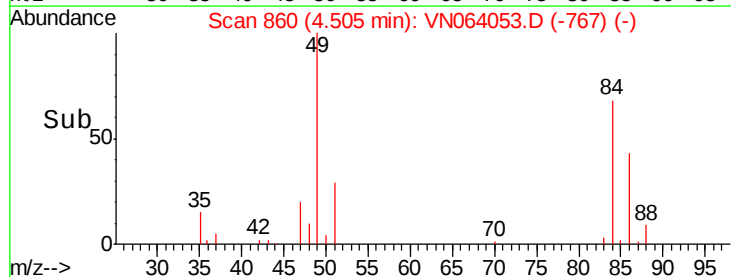
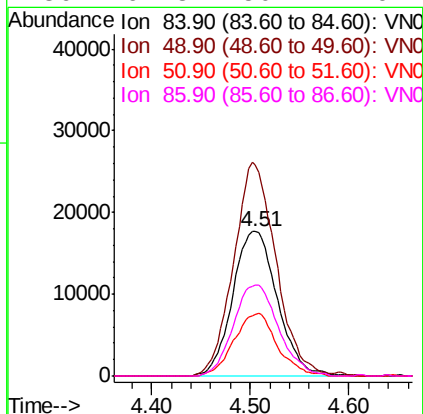
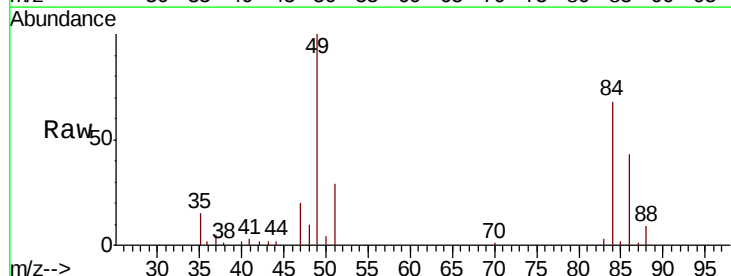
Instrument :
MSVOA_N
ClientSampled :
VN1009WBSD02

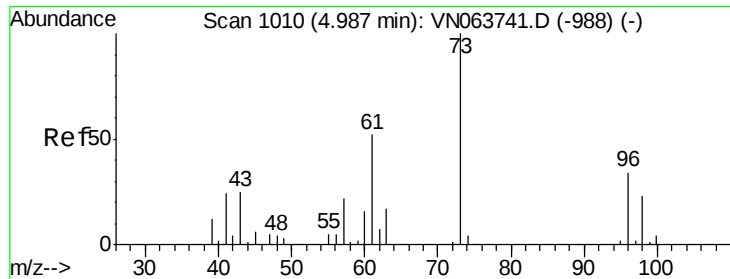
Tot Ion: 73 Resp: 169088
Ion Ratio Lower Upper
73 100
57 22.4 17.6 26.4



#20
Methylene Chloride
Concen: 20.692 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Tgt Ion: 84 Resp: 55656
Ion Ratio Lower Upper
84 100
49 146.1 110.4 165.6
51 42.8 33.3 49.9
86 62.8 50.7 76.1

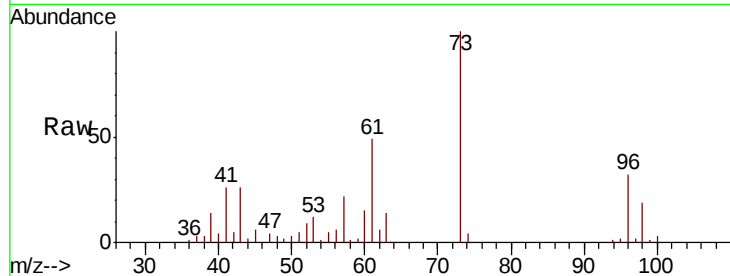




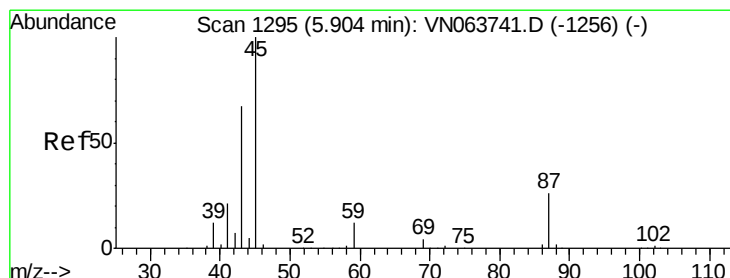
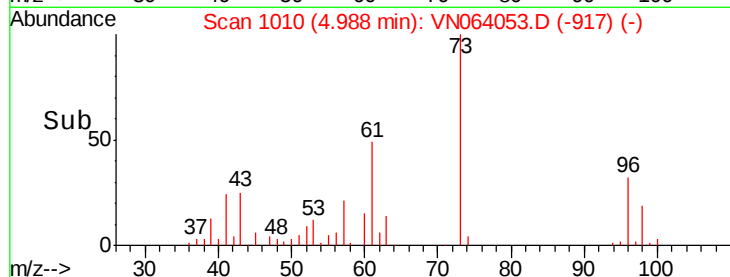
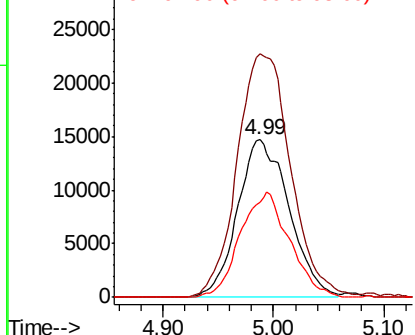
#21
trans-1,2-Dichloroethene
Concen: 18.240 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

Tot Ion: 96 Resp: 47638
Ion Ratio Lower Upper
96 100
61 154.5 120.2 180.2
98 60.2 52.6 79.0

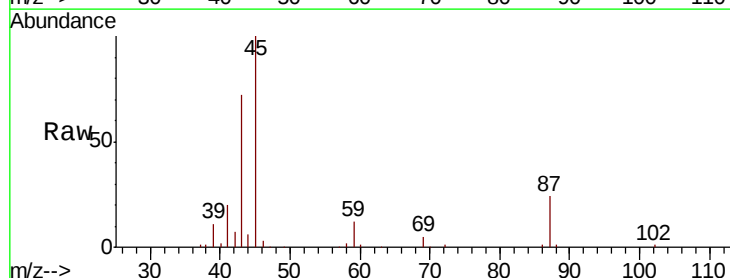


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

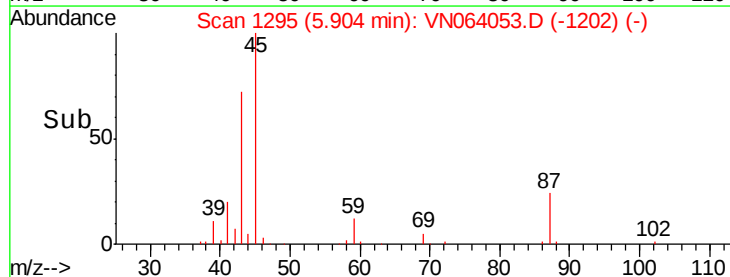
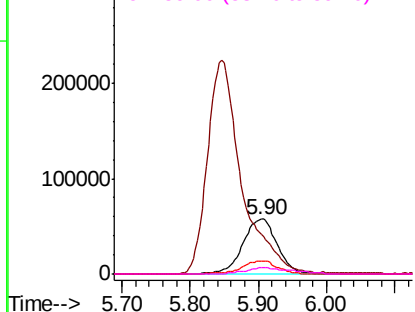


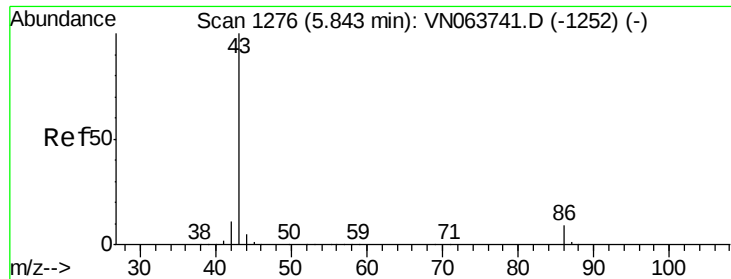
#22
Diisopropyl ether
Concen: 22.693 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Tgt Ion: 45 Resp: 202249
Ion Ratio Lower Upper
45 100
43 70.1 53.7 80.5
87 24.4 21.1 31.7
59 11.6 9.2 13.8



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

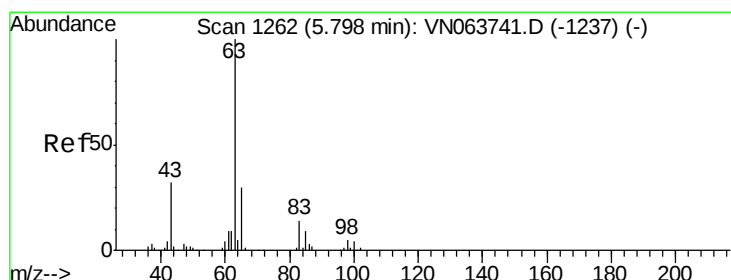
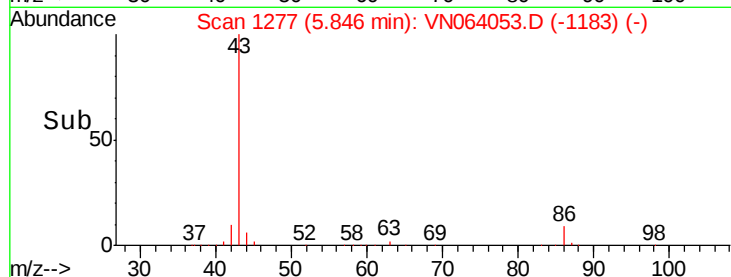
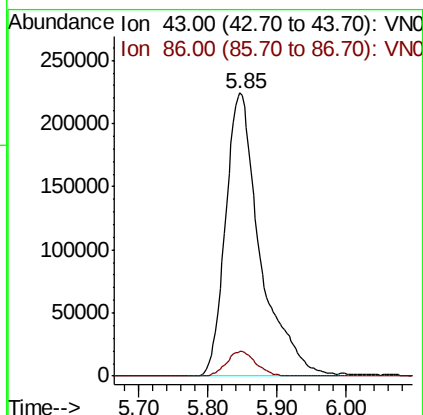
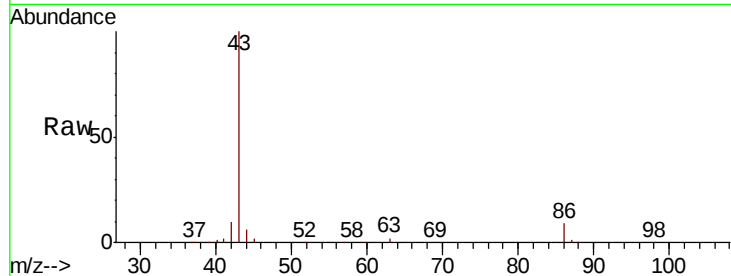




#23
 Vinyl Acetate
 Concen: 105.805 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

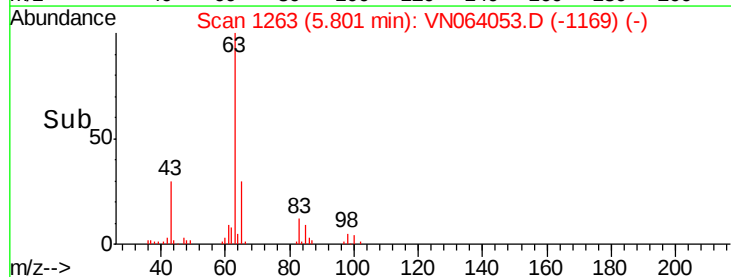
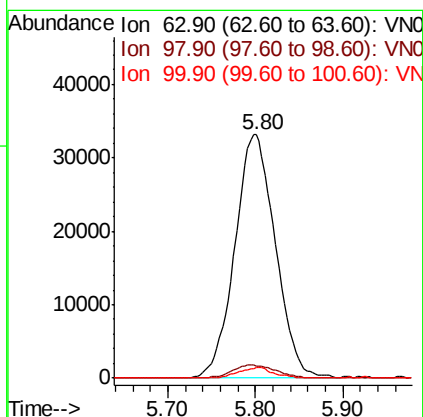
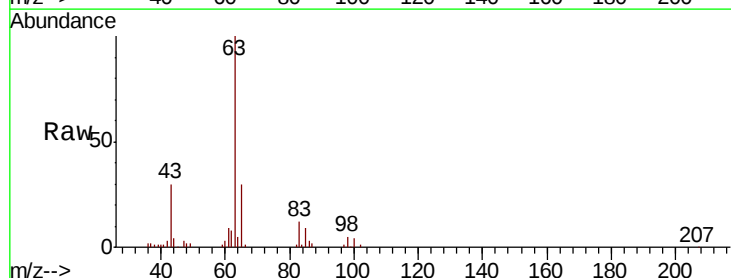
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD02

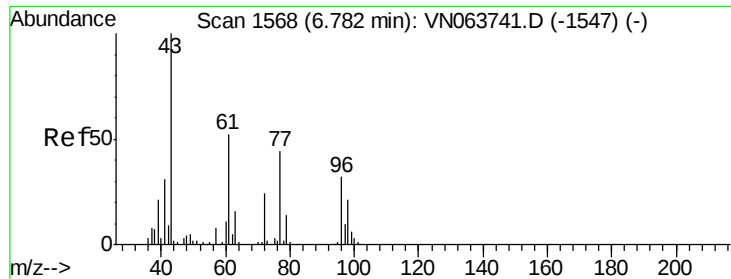
Tot Ion: 43 Resp: 781123
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 20.887 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

Tgt Ion: 63 Resp: 106438
 Ion Ratio Lower Upper
 63 100
 98 5.2 2.7 8.1
 100 4.1 1.9 5.7

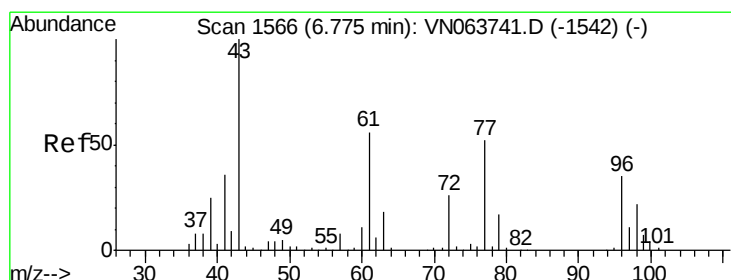
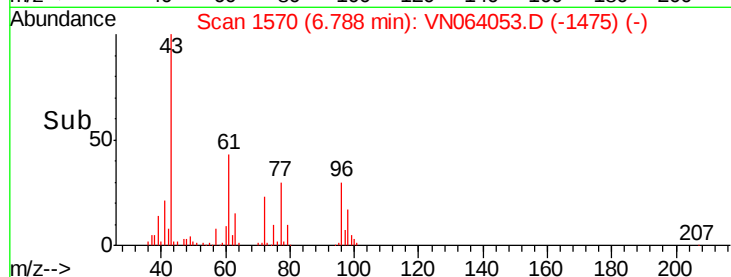
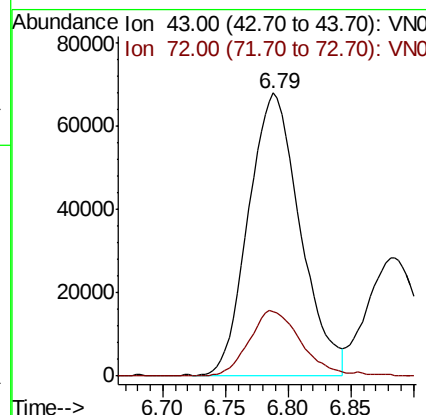
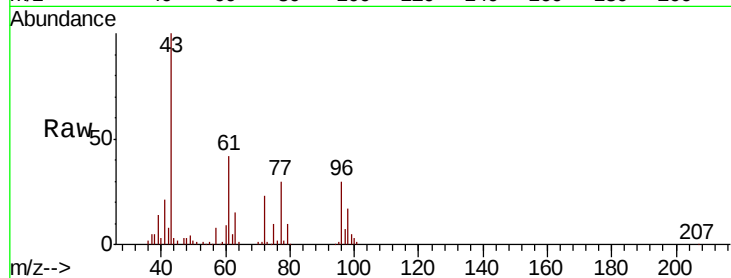




#25
2-Butanone
Concen: 115.877 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

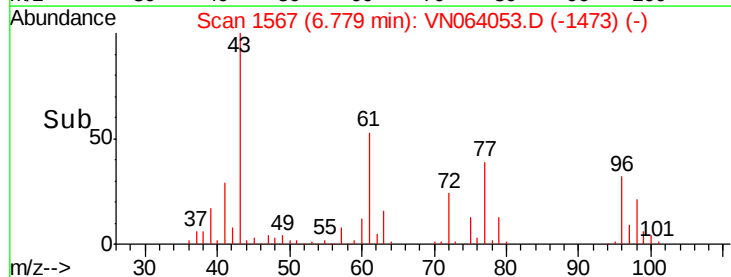
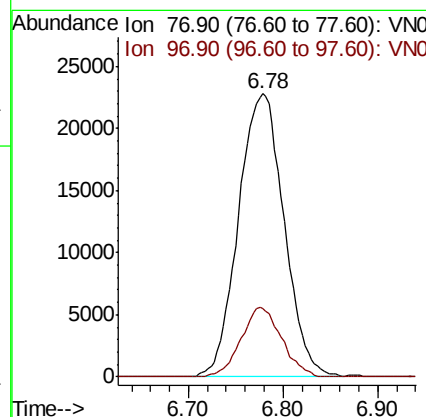
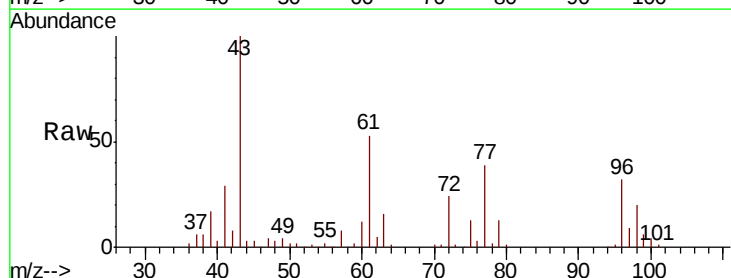
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

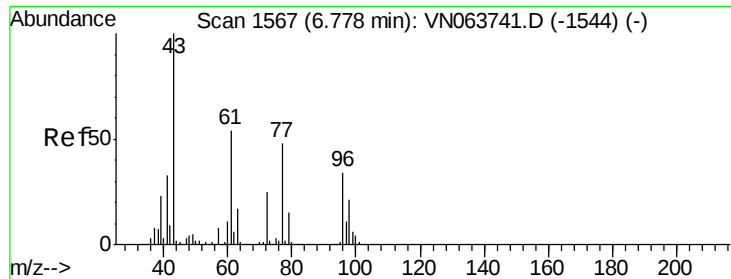
Tot Ion: 43 Resp: 193457
Ion Ratio Lower Upper
43 100
72 22.9 19.3 28.9



#26
2,2-Dichloropropane
Concen: 16.333 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Tgt Ion: 77 Resp: 76218
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.3

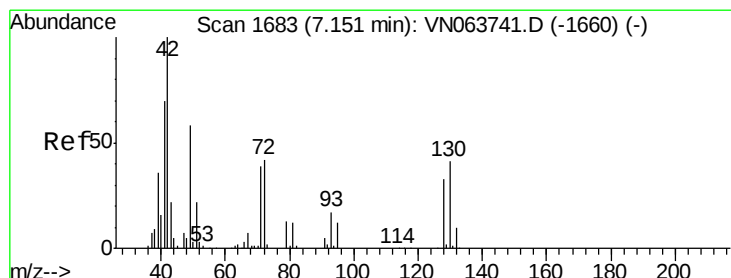
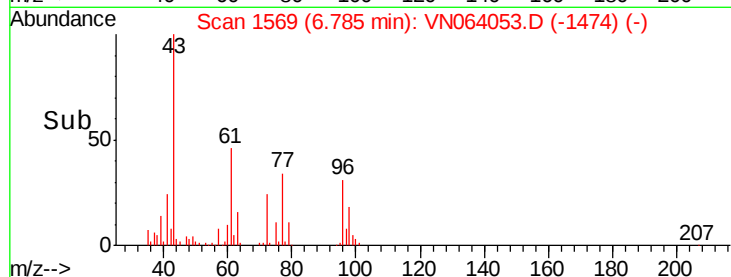
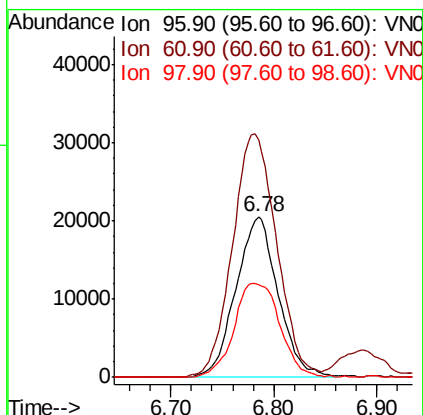
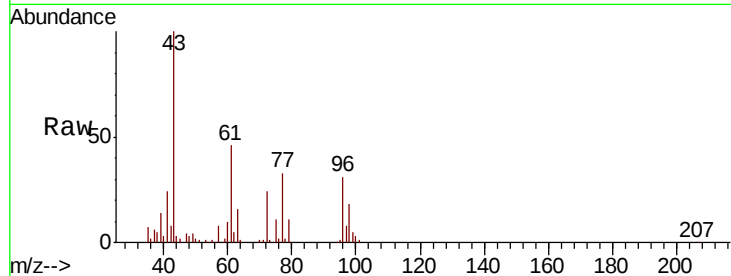




#27
 cis-1,2-Dichloroethene
 Concen: 19.429 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

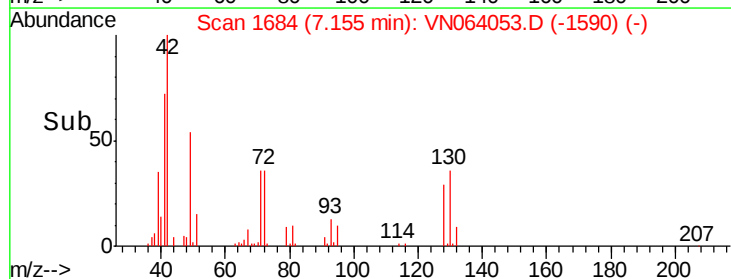
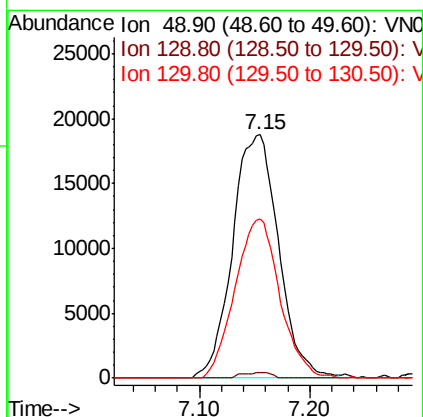
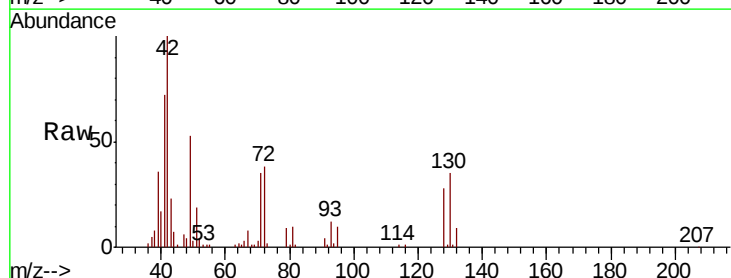
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD02

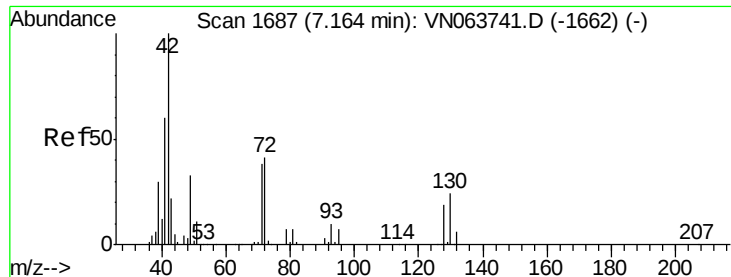
Tot Ion	Ratio	Lower	Upper
96	100		
61	159.0	0.0	321.2
98	63.5	0.0	124.4



#28
 Bromochloromethane
 Concen: 21.542 ug/l
 RT: 7.15 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.8
130	63.5	55.6	83.4

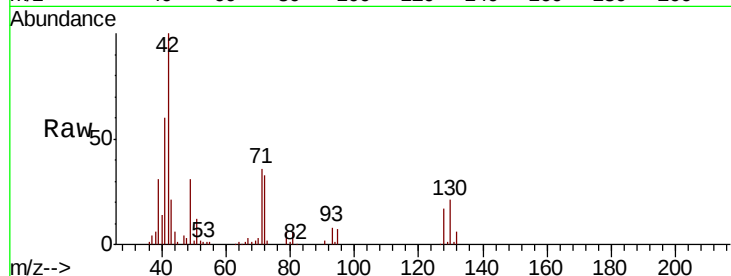




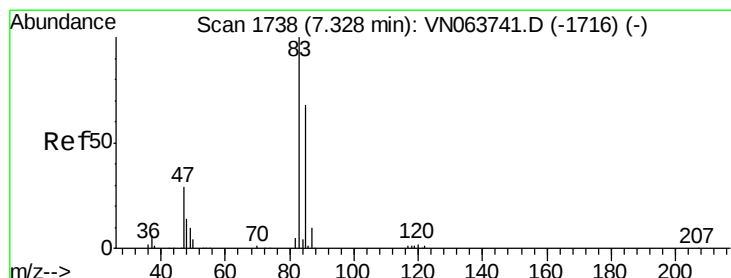
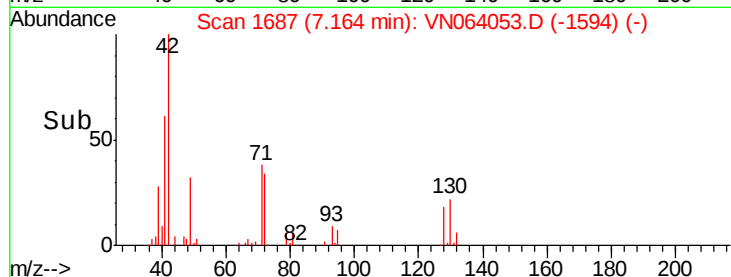
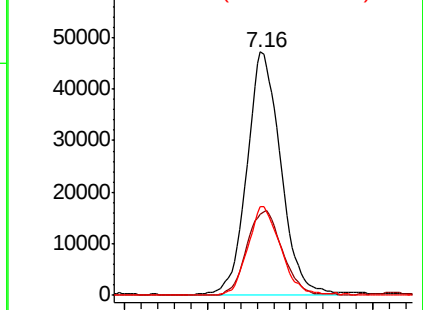
#29
Tetrahydrofuran
Concen: 119.821 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

Tot Ion: 42 Resp: 134167
Ion Ratio Lower Upper
42 100
72 36.2 32.8 49.2
71 35.4 30.6 45.8

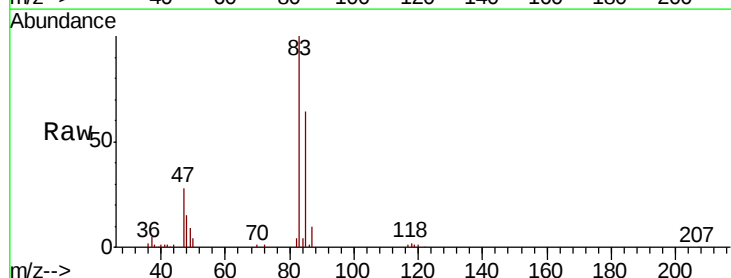


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

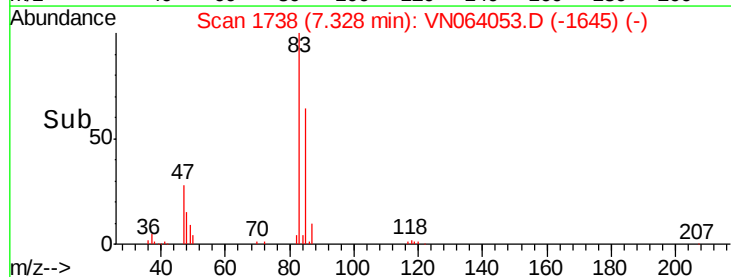
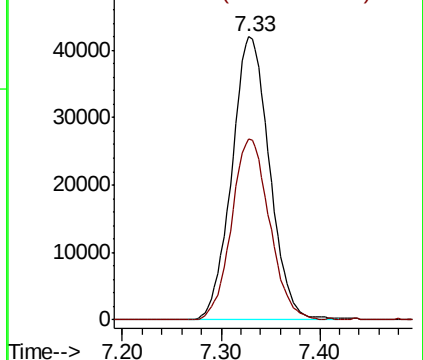


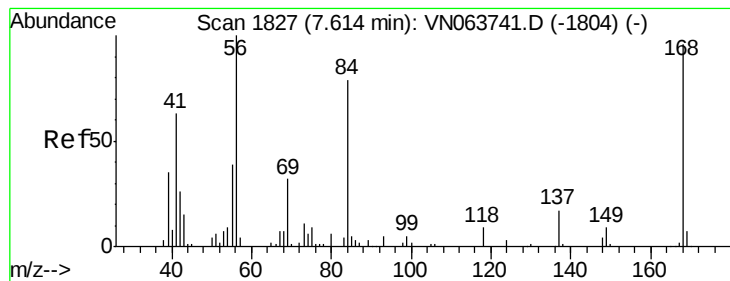
#30
Chloroform
Concen: 21.004 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Tgt Ion: 83 Resp: 111602
Ion Ratio Lower Upper
83 100
85 63.9 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.472 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

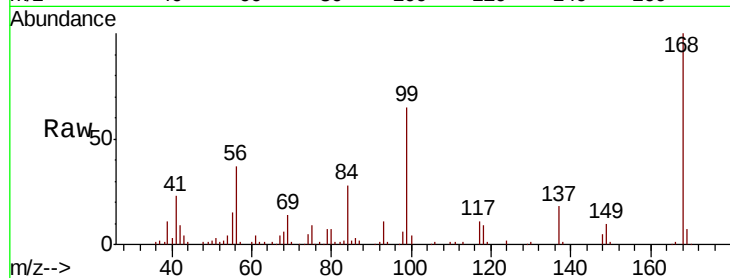
Tot Ion: 56 Resp: 82035

Ion Ratio Lower Upper

56 100

69 37.4 25.4 38.2

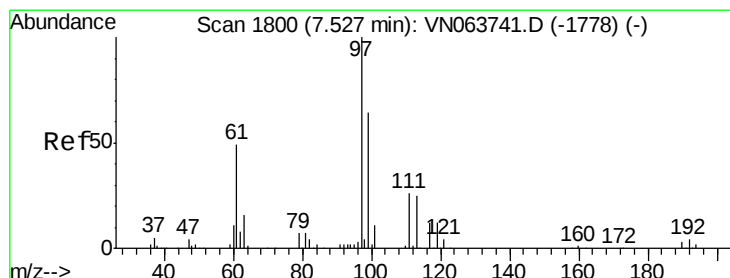
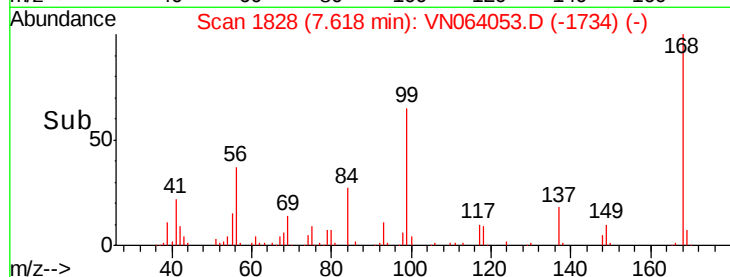
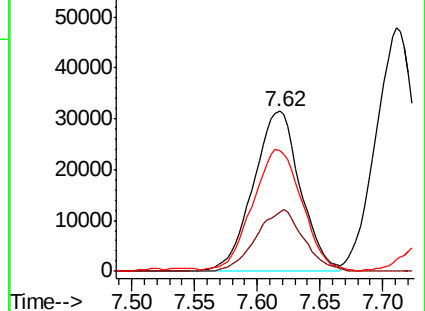
84 73.6 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN063741.D (-1804) (-)

Ion 69.00 (68.70 to 69.70): VN063741.D (-1804) (-)

Ion 84.00 (83.70 to 84.70): VN063741.D (-1804) (-)



#32

1,1,1-Trichloroethane

Concen: 20.086 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

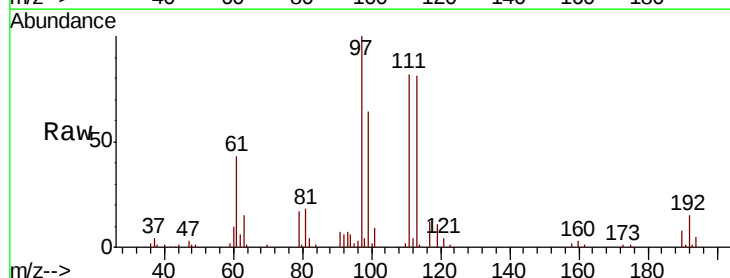
Tgt Ion: 97 Resp: 96261

Ion Ratio Lower Upper

97 100

99 63.3 51.0 76.6

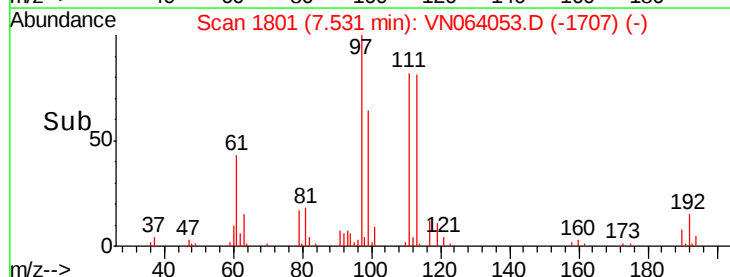
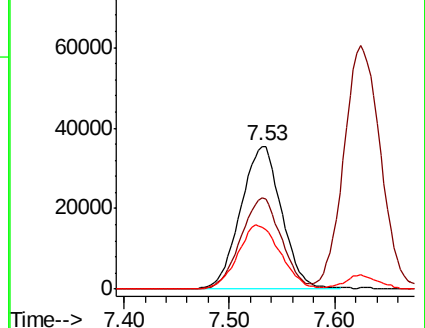
61 46.5 38.7 58.1

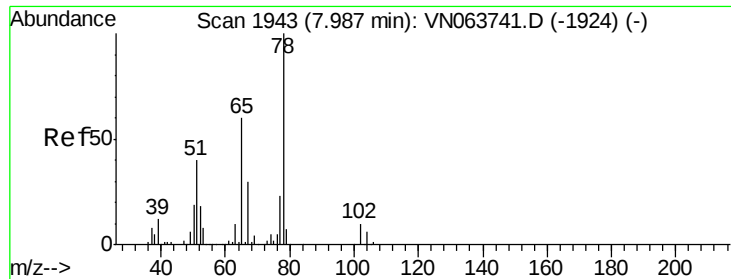


Abundance Ion 96.90 (96.60 to 97.60): VN063741.D (-1778) (-)

Ion 98.90 (98.60 to 99.60): VN063741.D (-1778) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-1778) (-)

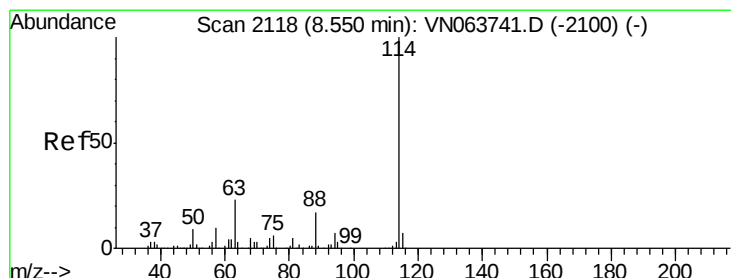
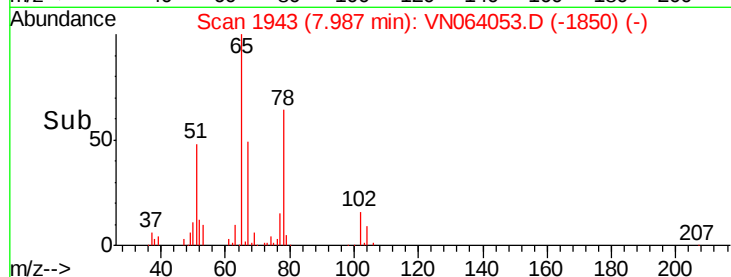
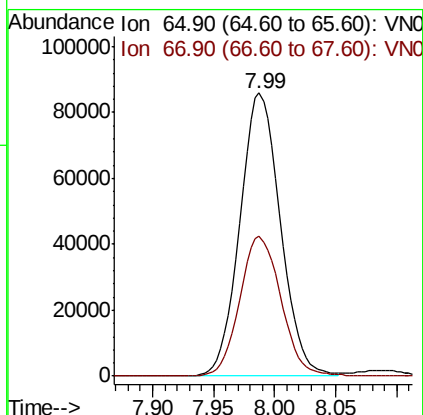
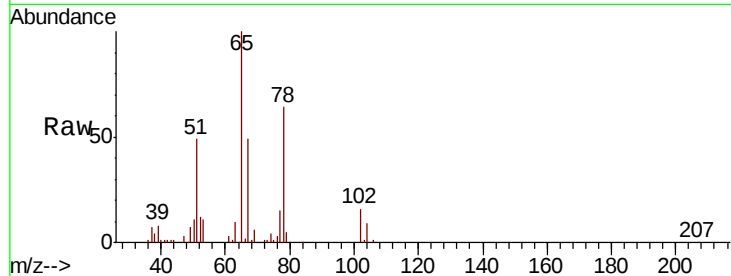




#33
 1,2-Dichloroethane-d4
 Concen: 51.602 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

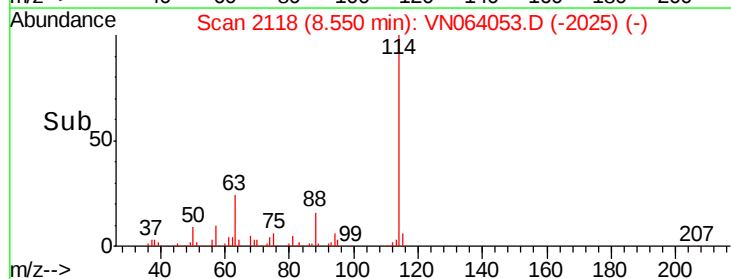
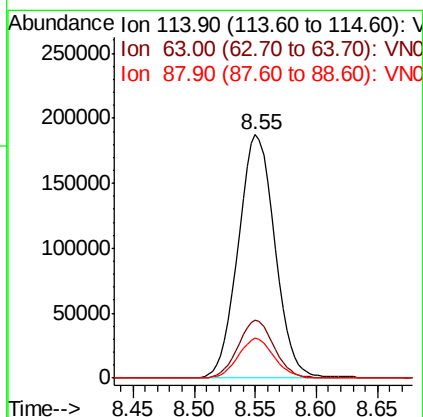
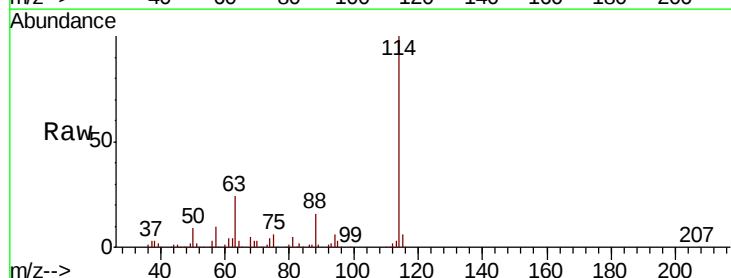
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD02

Tot Ion: 65 Resp: 197398
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

Tgt Ion: 114 Resp: 390012
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 45.0
 88 16.2 0.0 34.0

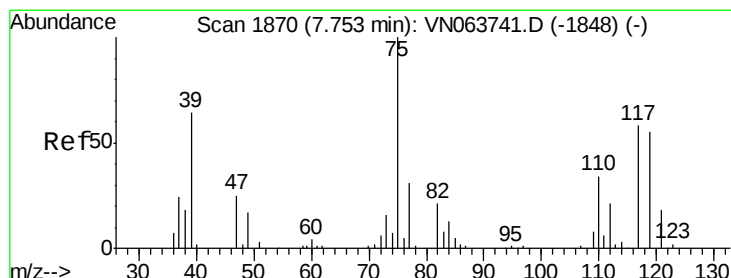
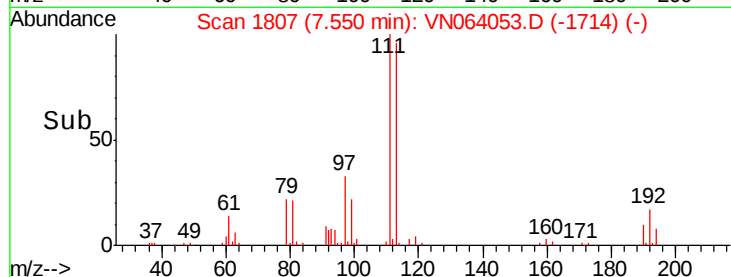
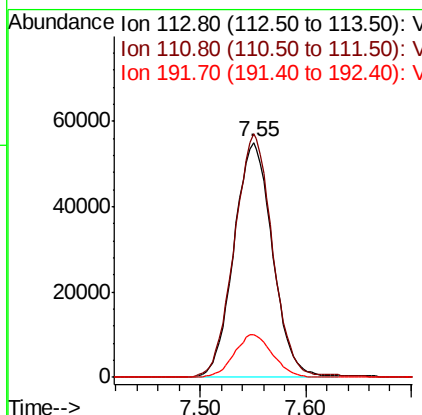
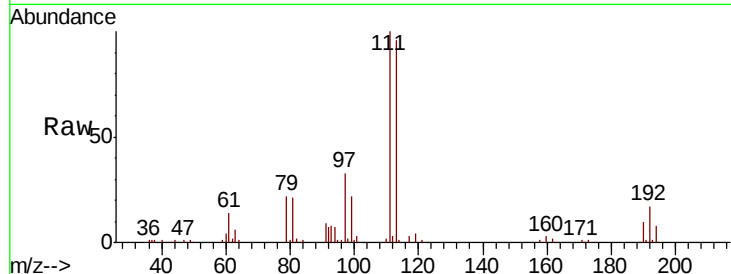




#35
Dibromofluoromethane
Concen: 51.684 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

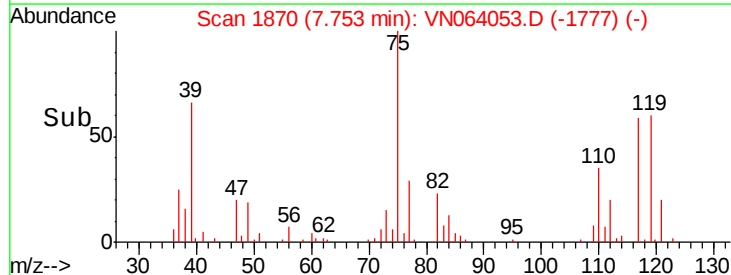
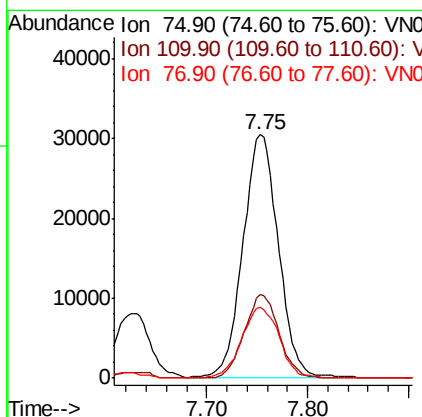
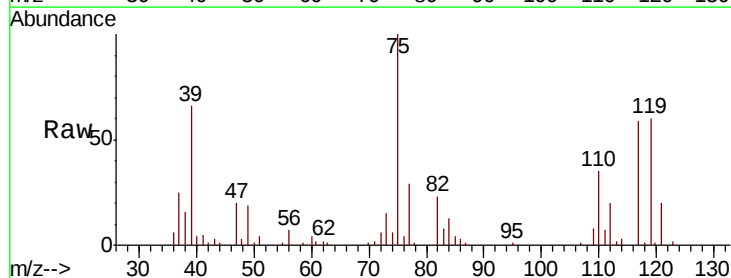
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

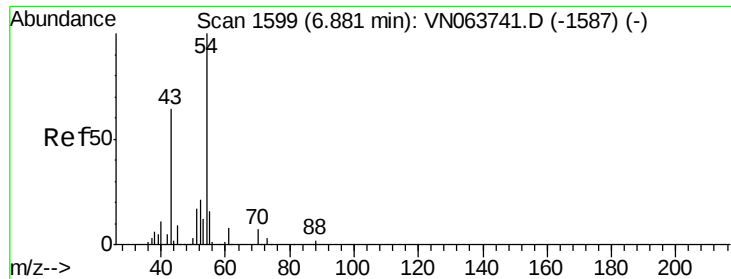
Tot Ion:113 Resp: 139868
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.8
192 18.0 14.2 21.2



#36
1,1-Dichloropropene
Concen: 18.857 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Tgt Ion: 75 Resp: 74508
Ion Ratio Lower Upper
75 100
110 33.3 16.9 50.6
77 30.7 24.5 36.7

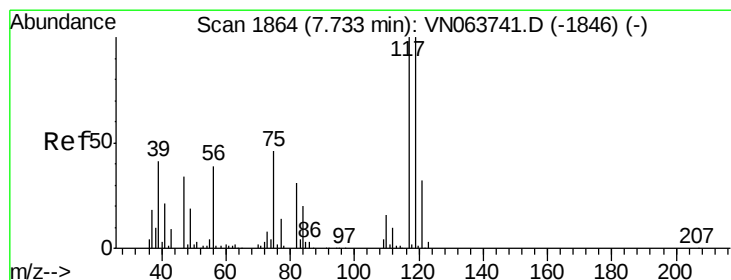
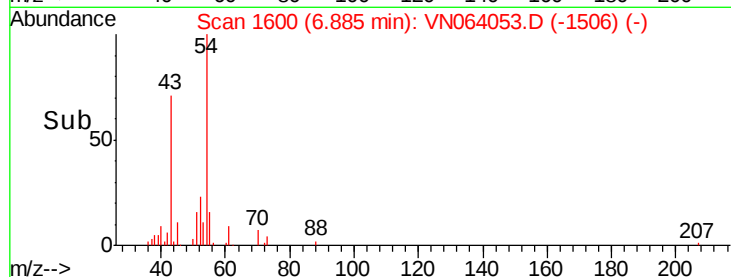
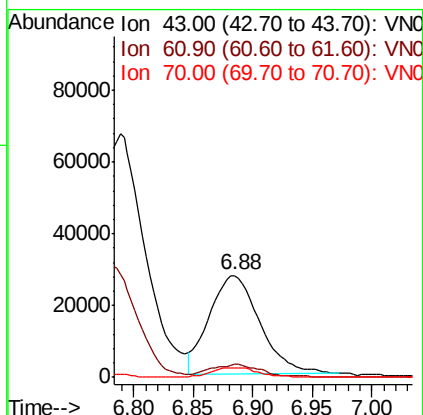
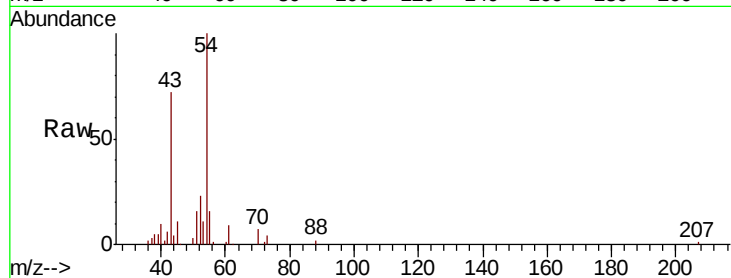




#37
Ethyl Acetate
Concen: 20.812 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

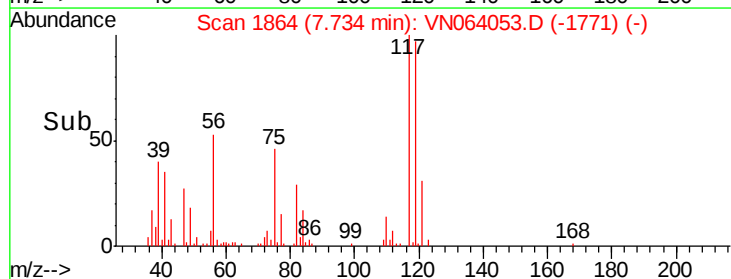
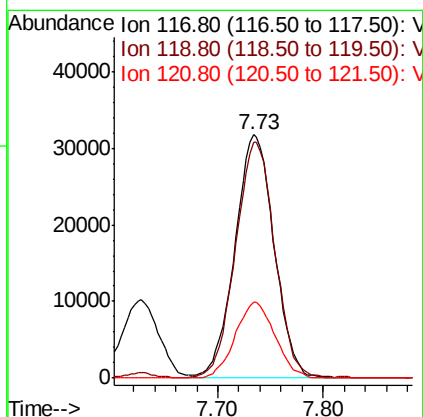
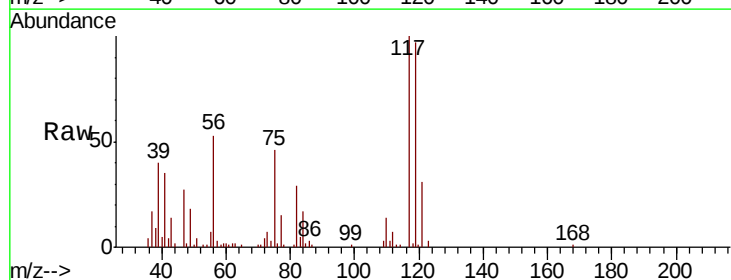
Instrument :
MSVOA_N
ClientSampled :
VN1009WBSD02

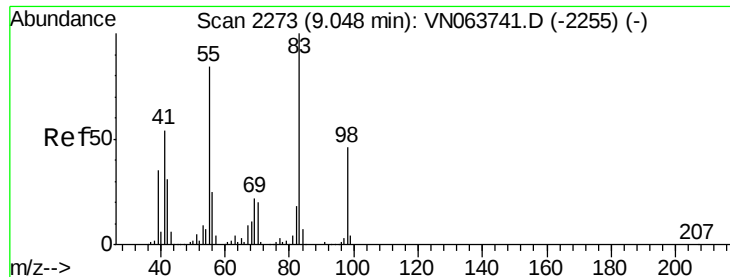
Tot Ion: 43 Resp: 81701
Ion Ratio Lower Upper
43 100
61 13.7 10.4 15.6
70 9.3 7.3 10.9



#38
Carbon Tetrachloride
Concen: 18.535 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Tgt Ion: 117 Resp: 82121
Ion Ratio Lower Upper
117 100
119 97.1 80.1 120.1
121 31.2 25.7 38.5

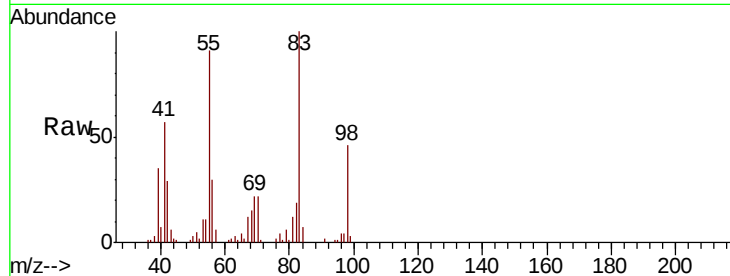




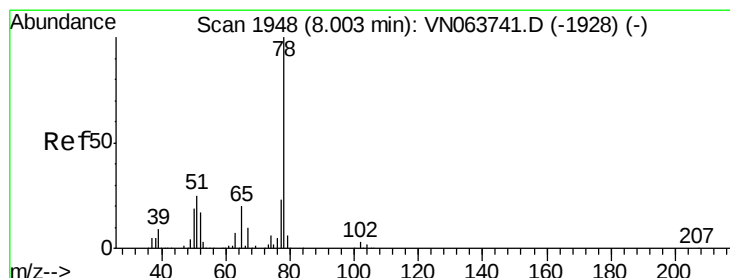
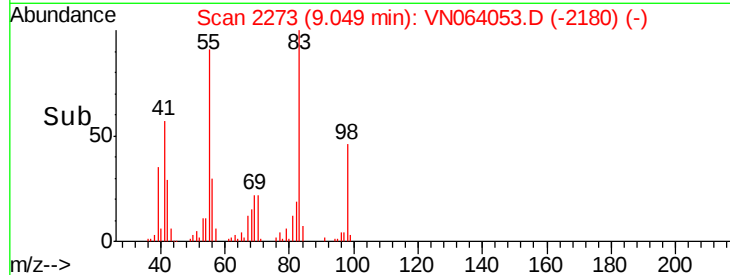
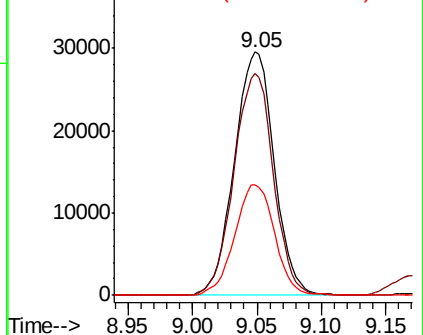
#39
Methvlcvclohexane
Concen: 16.138 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

Tot Ion: 83 Resp: 63590
Ion Ratio Lower Upper
83 100
55 91.2 67.1 100.7
98 45.6 36.6 54.8

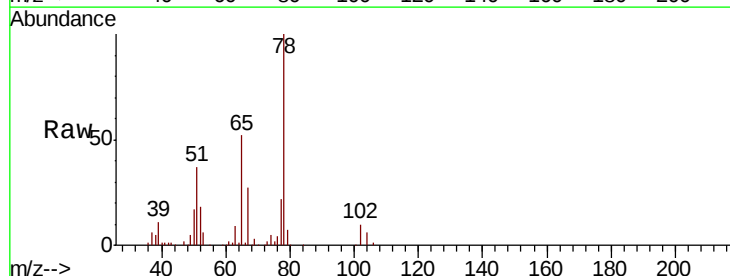


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

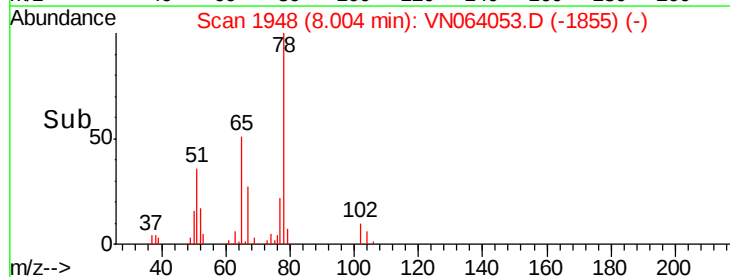
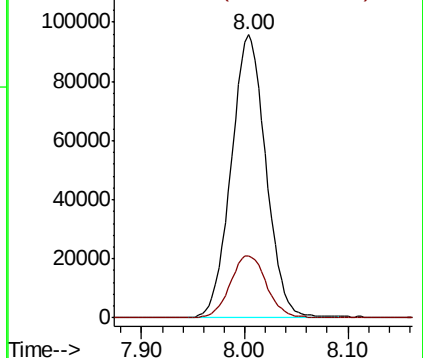


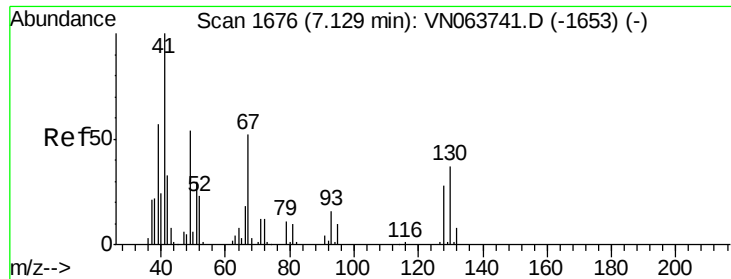
#40
Benzene
Concen: 19.924 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Tgt Ion: 78 Resp: 224852
Ion Ratio Lower Upper
78 100
77 21.9 18.7 28.1



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

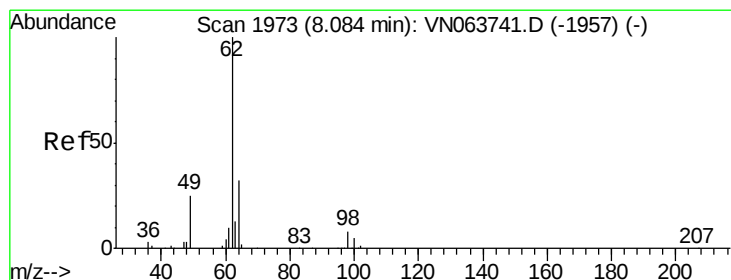
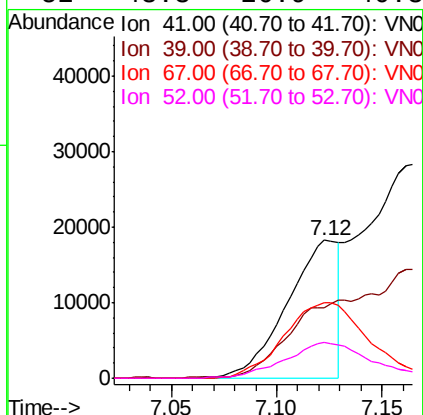
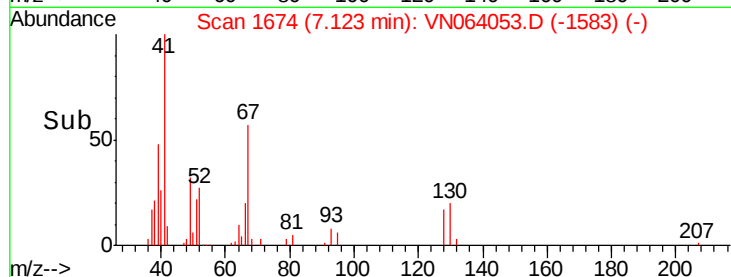
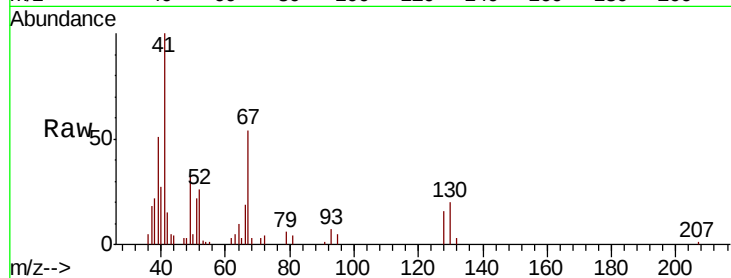




#41
Methacrylonitrile
Concen: 17.799 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

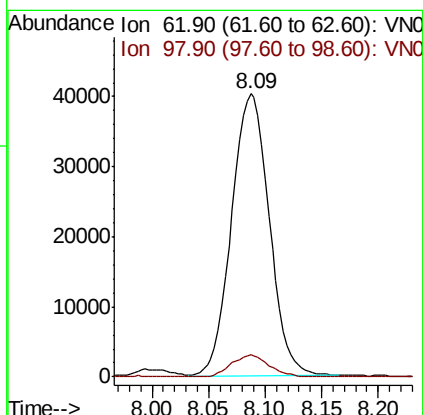
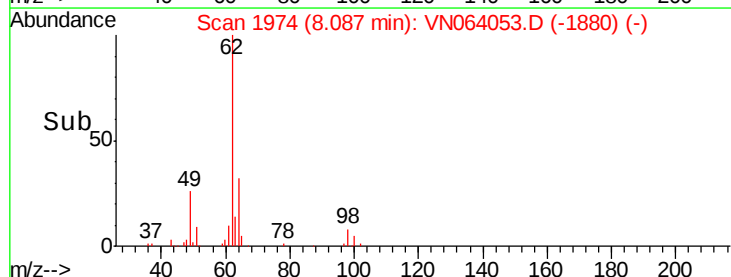
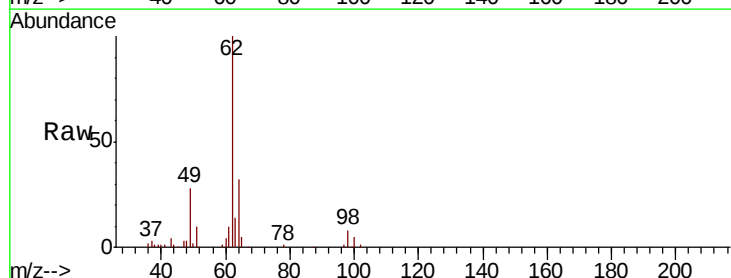
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

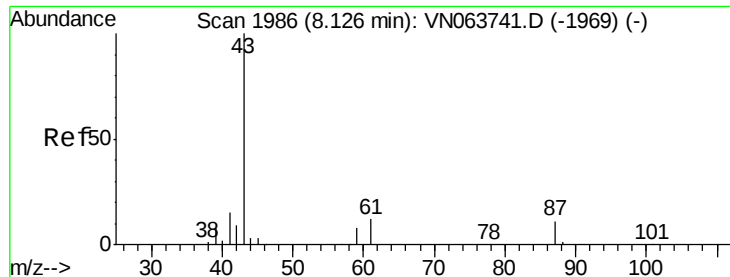
Tot Ion: 41 Resp: 31053
Ion Ratio Lower Upper
41 100
39 0.0 42.5 63.7#
67 90.6 57.4 86.2#
52 43.3 26.9 40.3#



#42
1,2-Dichloroethane
Concen: 19.498 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Tgt Ion: 62 Resp: 93932
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.0





#43

Isopropyl Acetate

Concen: 20.721 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

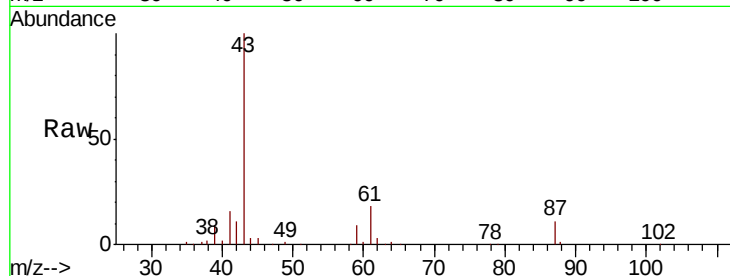
Tot Ion: 43 Resp: 134169

Ion Ratio Lower Upper

43 100

61 17.1 14.2 21.4

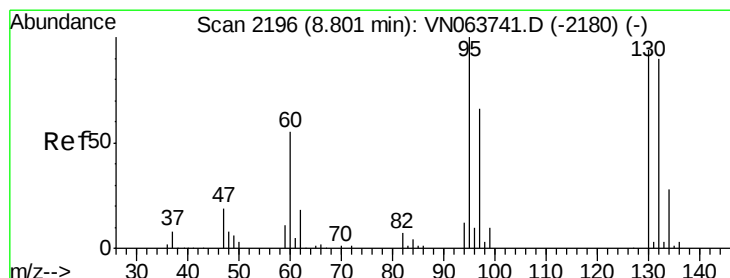
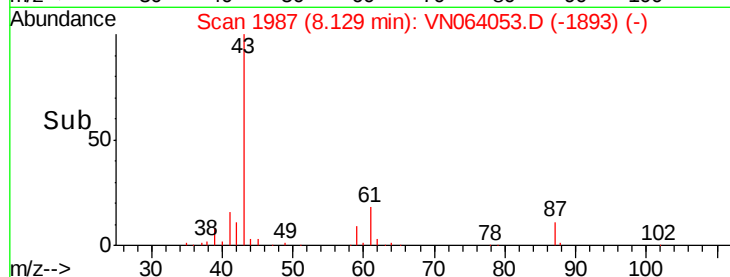
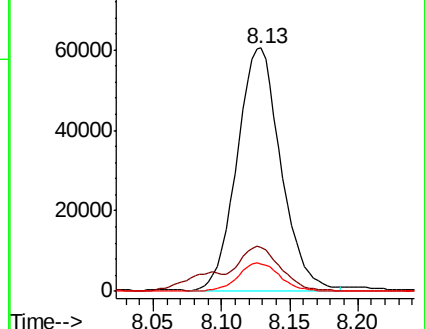
87 11.2 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063741.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1969) (-)



#44

Trichloroethene

Concen: 18.288 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN064053.D

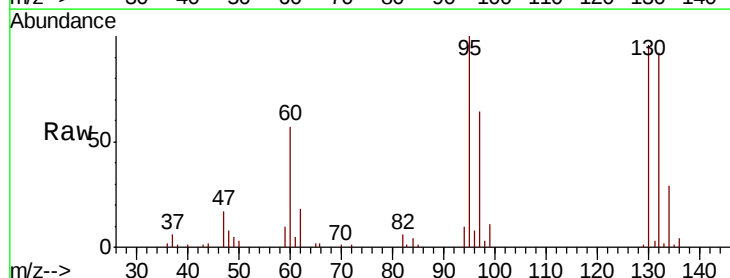
Acq: 9 Oct 2020 22:49

Tgt Ion:130 Resp: 54076

Ion Ratio Lower Upper

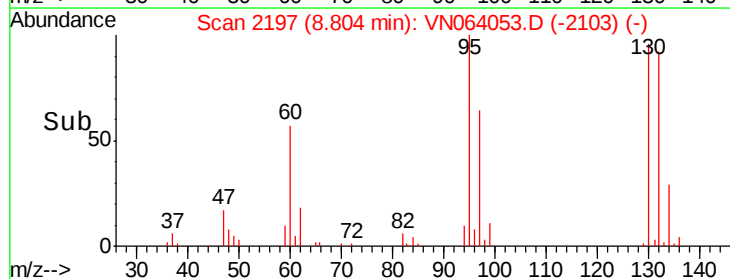
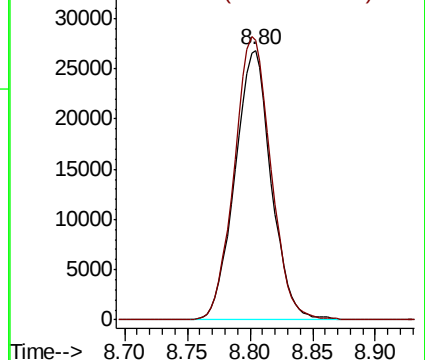
130 100

95 104.0 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063741.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN063741.D (-2180) (-)

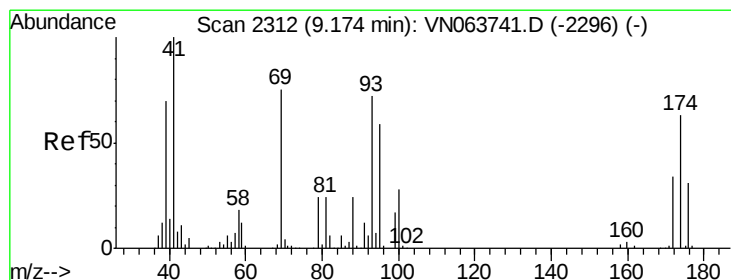
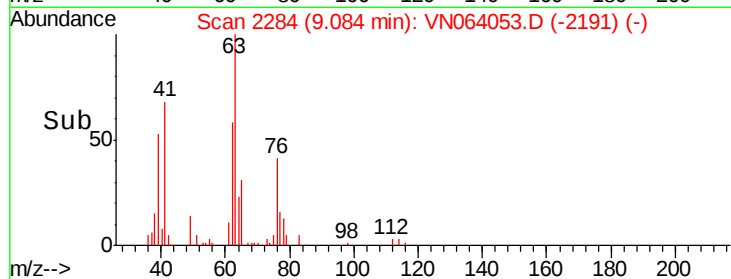
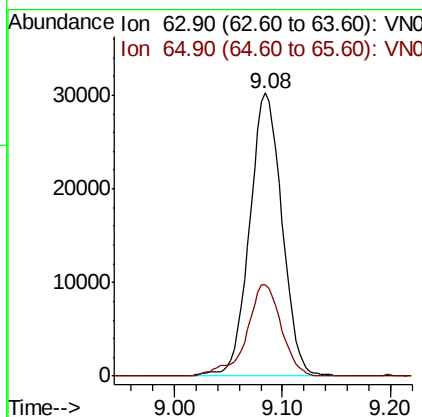
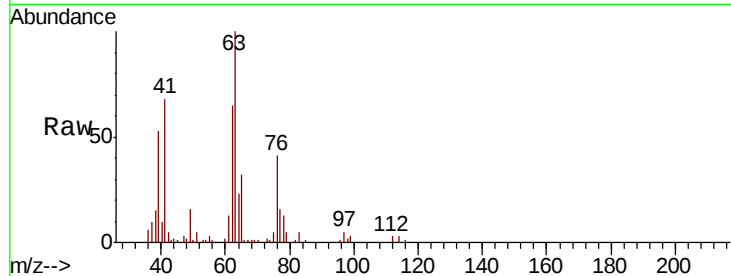




#45
 1,2-Dichloropropane
 Concen: 20.710 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

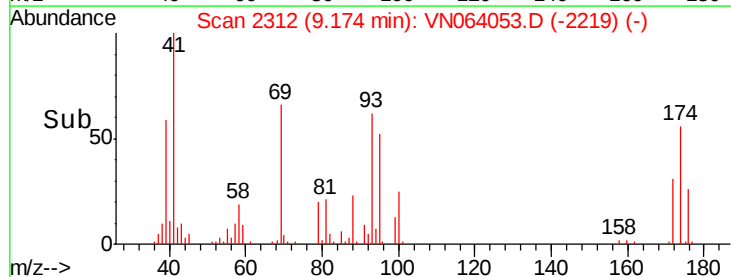
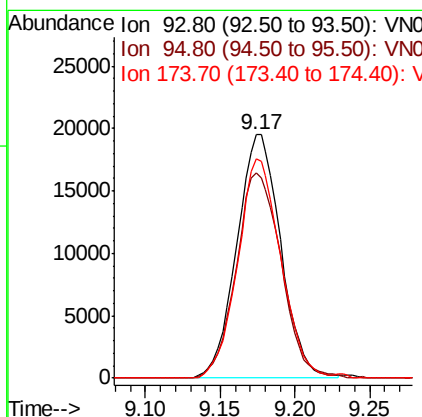
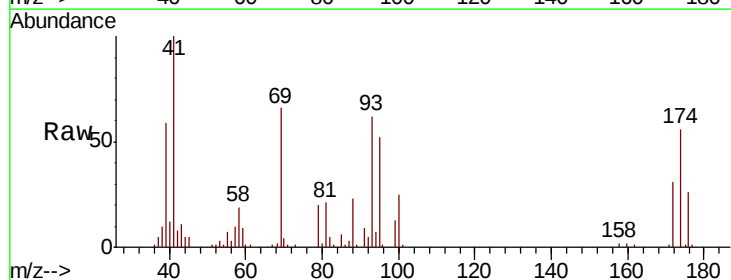
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD02

Tot Ion: 63 Resp: 63122
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.7 37.1



#46
 Dibromomethane
 Concen: 18.906 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

Tgt Ion: 93 Resp: 39752
 Ion Ratio Lower Upper
 93 100
 95 86.7 66.3 99.5
 174 88.6 72.7 109.1





#47

Bromodichloromethane

Concen: 20.119 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

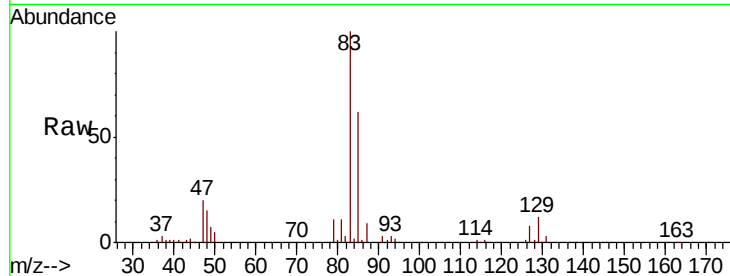
Tot Ion: 83 Resp: 87180

Ion Ratio Lower Upper

83 100

85 61.9 50.6 75.8

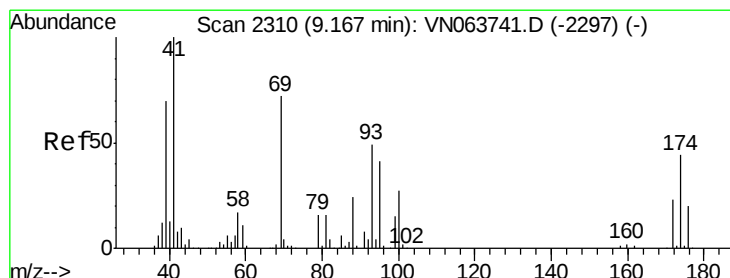
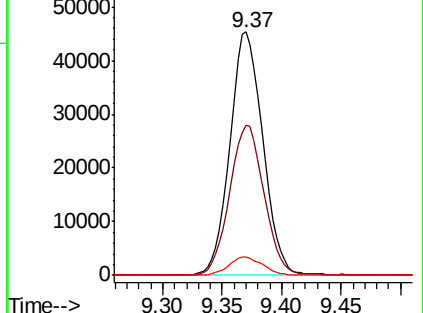
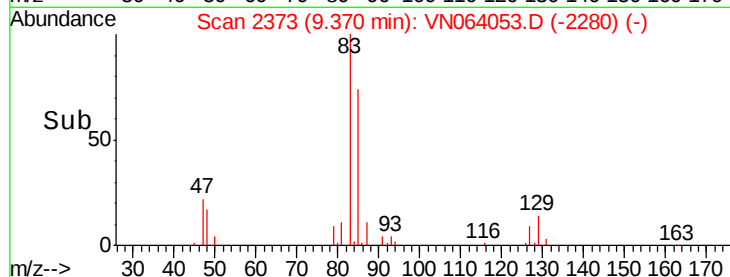
127 7.5 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN064053.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064053.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064053.D (-2280) (-)



#48

Methyl methacrylate

Concen: 20.975 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

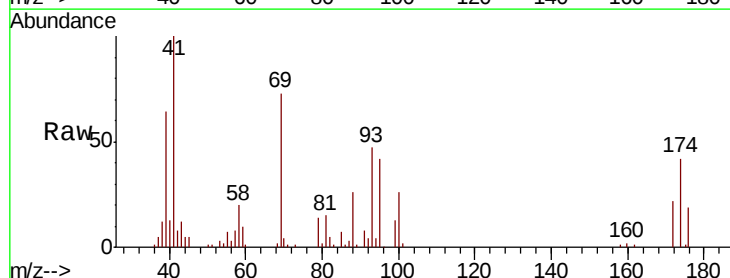
Tgt Ion: 41 Resp: 67101

Ion Ratio Lower Upper

41 100

69 72.2 60.9 91.3

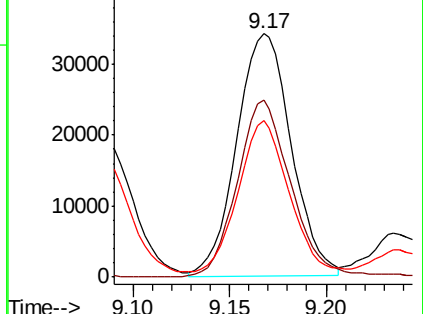
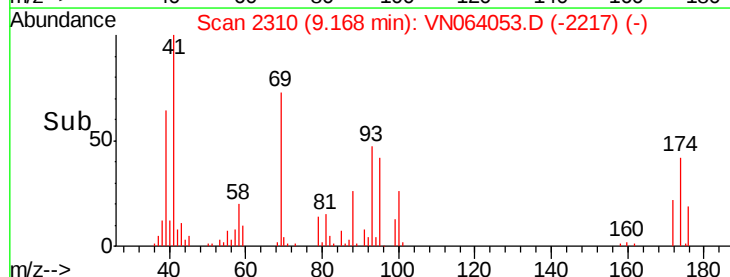
39 60.6 57.5 86.3

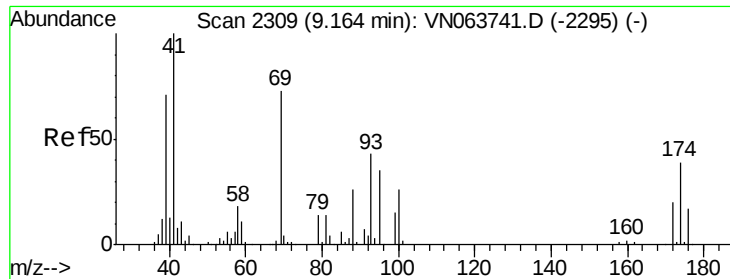


Abundance Ion 41.00 (40.70 to 41.70): VN064053.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064053.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064053.D (-2217) (-)

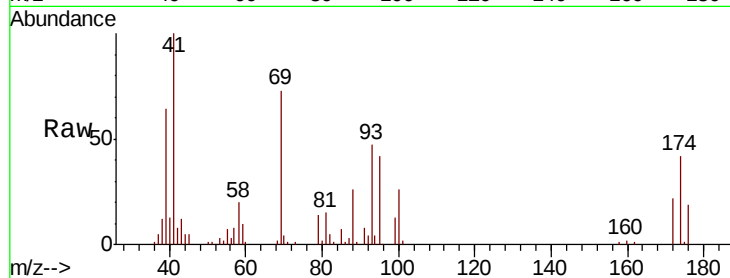




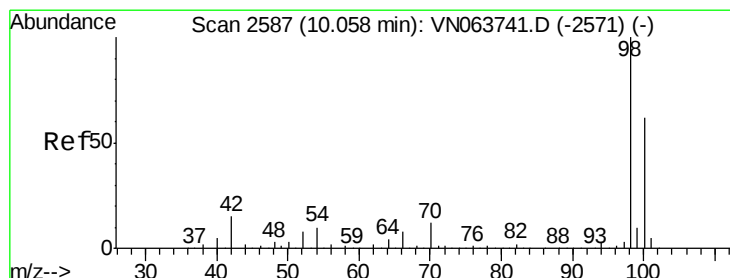
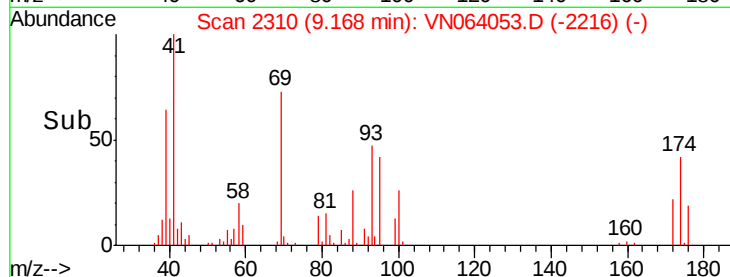
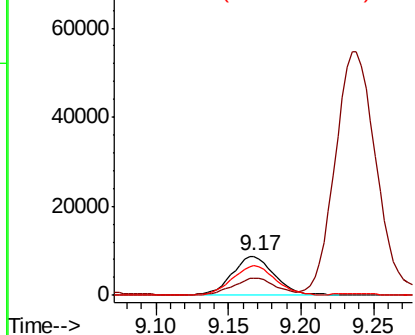
#49
1,4-Dioxane
Concen: 392.094 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

Tot Ion: 88 Resp: 17827
Ion Ratio Lower Upper
88 100
43 45.2 33.1 49.7
58 77.5 58.9 88.3

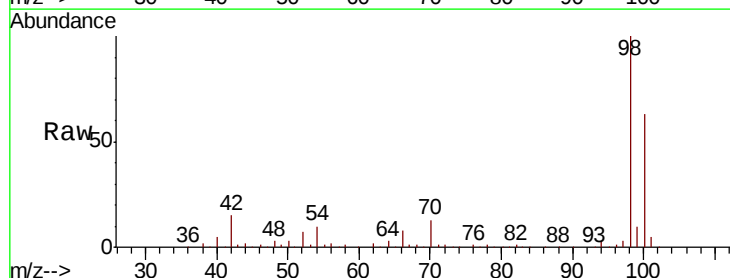


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

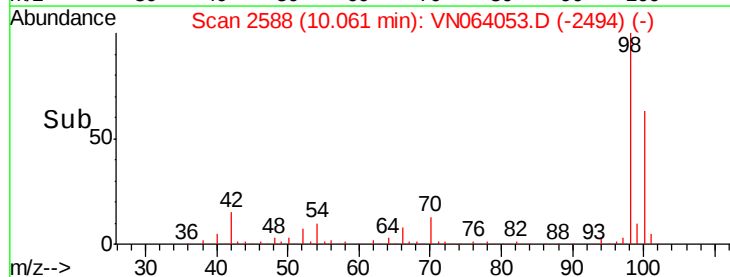
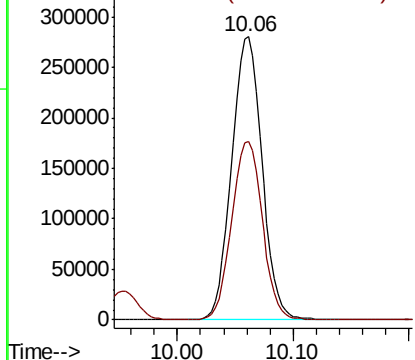


#50
Toluene-d8
Concen: 49.489 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Tgt Ion: 98 Resp: 507704
Ion Ratio Lower Upper
98 100
100 63.6 49.8 74.6



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

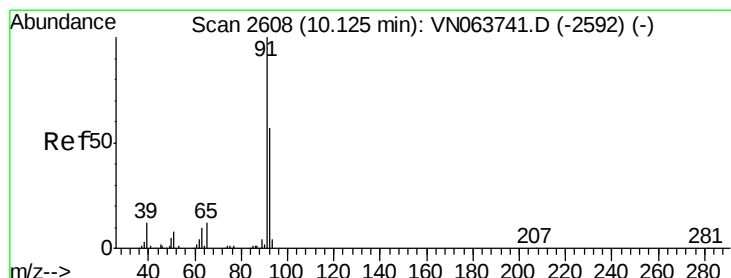
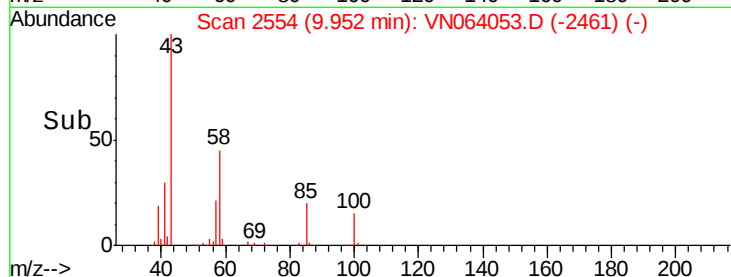
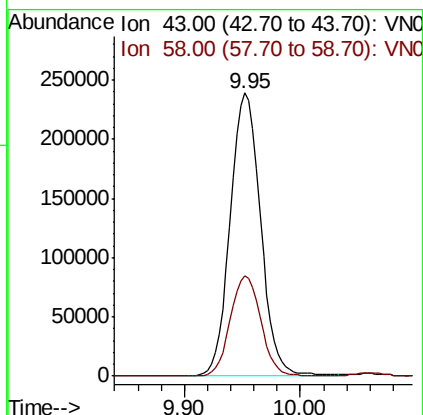
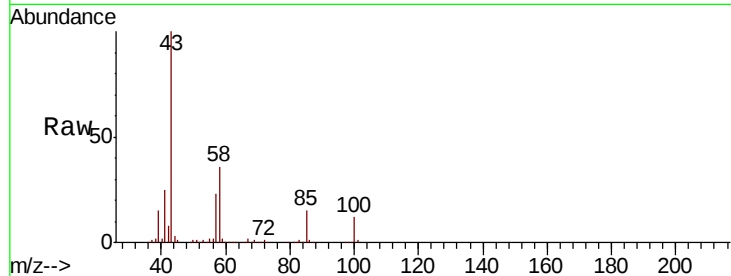




#51
 4-Methyl-2-Pentanone
 Concen: 114.137 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

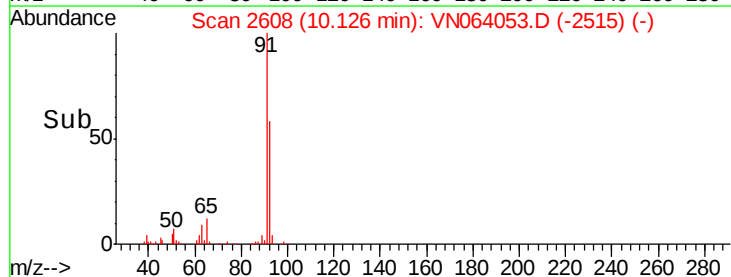
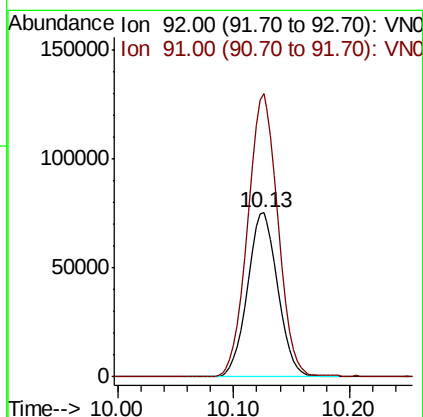
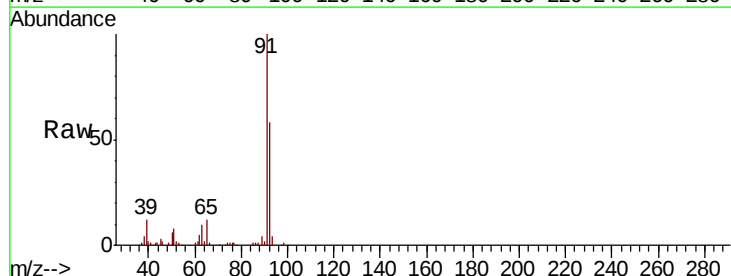
Instrument :
 MSVOA_N
 ClientSampled :
 VN1009WBSD02

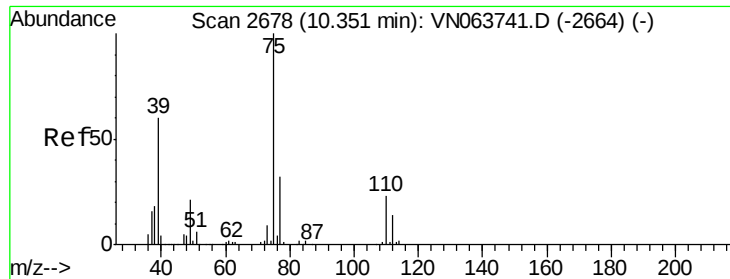
Tot Ion: 43 Resp: 433706
 Ion Ratio Lower Upper
 43 100
 58 35.6 28.4 42.6



#52
 Toluene
 Concen: 19.760 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

Tgt Ion: 92 Resp: 137936
 Ion Ratio Lower Upper
 92 100
 91 172.3 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 18.379 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

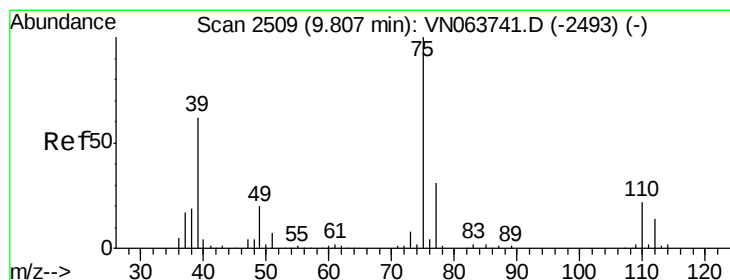
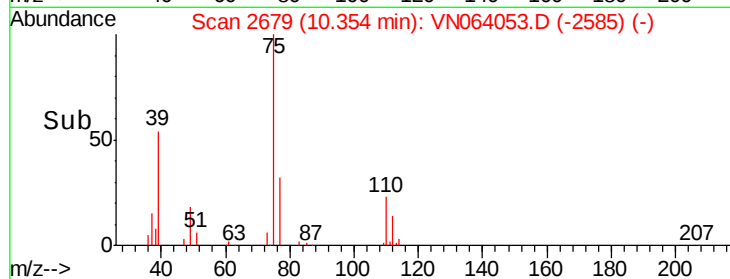
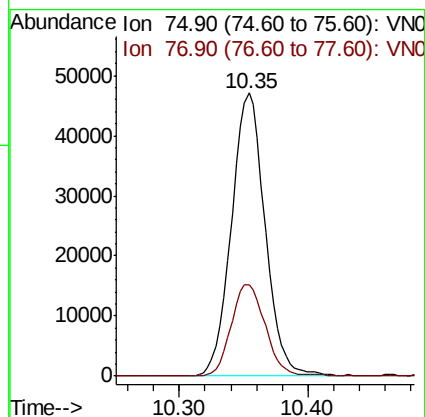
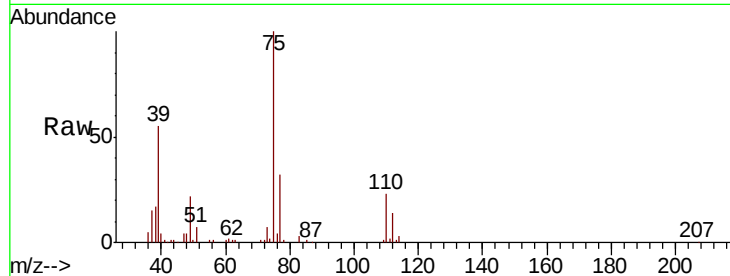
VN1009WBSD02

Tot Ion: 75 Resp: 85370

Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 19.226 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

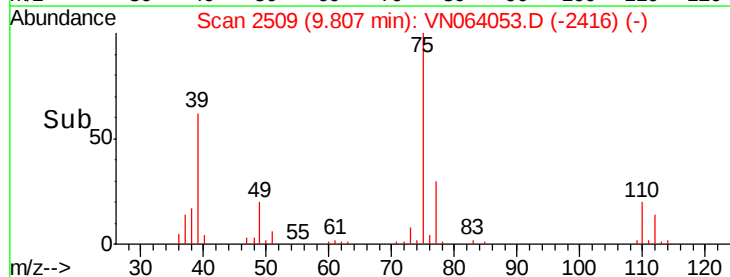
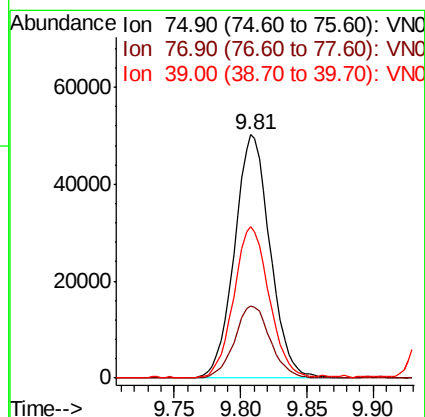
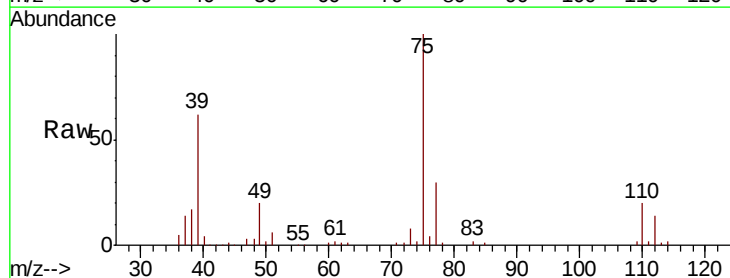
Tgt Ion: 75 Resp: 93399

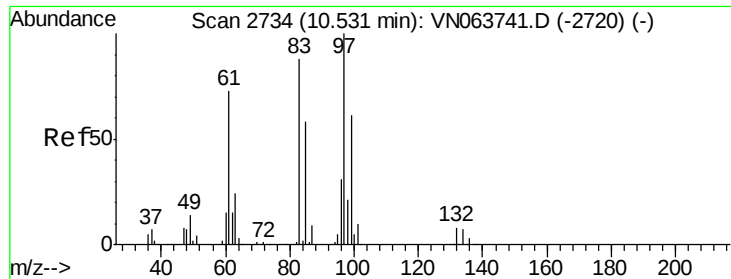
Ion Ratio Lower Upper

75 100

77 29.7 24.6 36.8

39 61.8 49.7 74.5



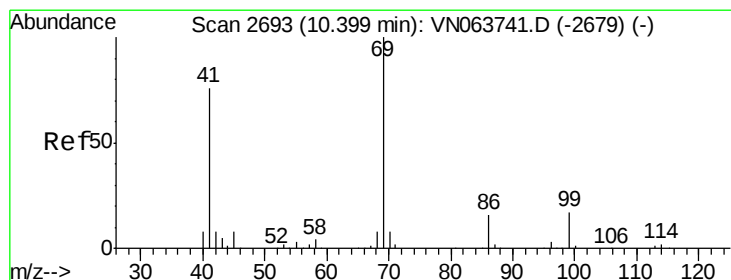
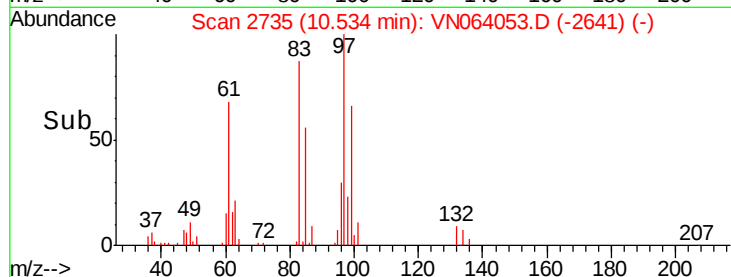
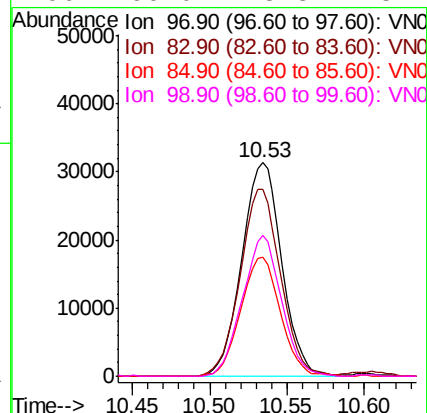
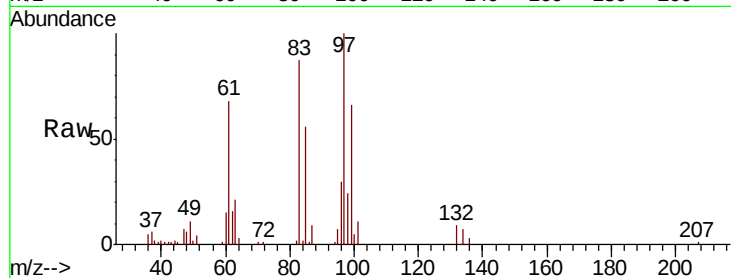


#55
 1,1,2-Trichloroethane
 Concen: 20.131 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD02

Tot Ion: 97 Resp: 56355

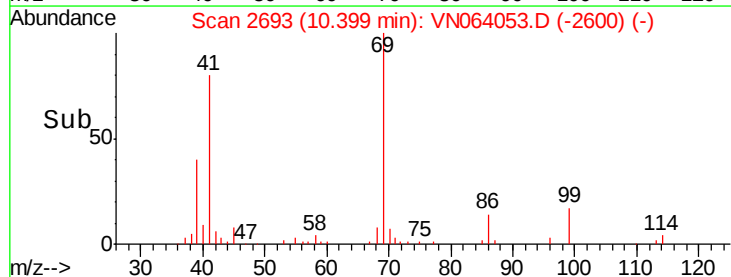
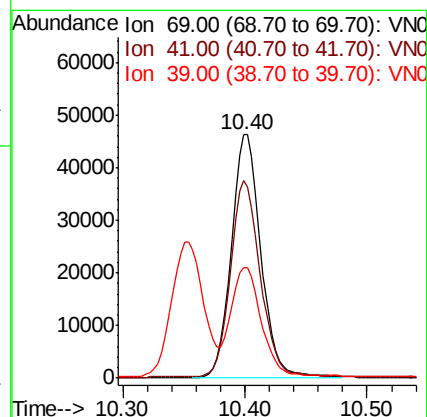
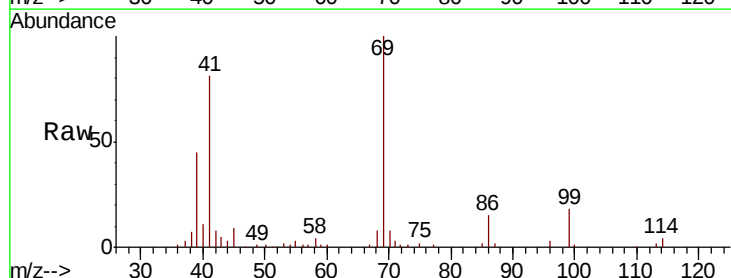
Ion	Ratio	Lower	Upper
97	100		
83	87.4	70.7	106.1
85	55.7	46.1	69.1
99	66.0	48.8	73.2

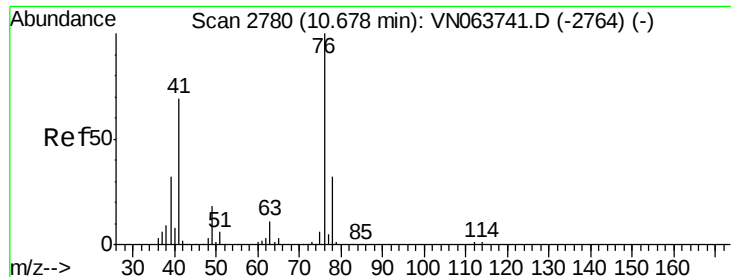


#56
 Ethyl methacrylate
 Concen: 19.849 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

Tgt Ion: 69 Resp: 78762

Ion	Ratio	Lower	Upper
69	100		
41	80.9	61.1	91.7
39	45.0	42.2	63.4





#57

1,3-Dichloropropane

Concen: 20.229 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

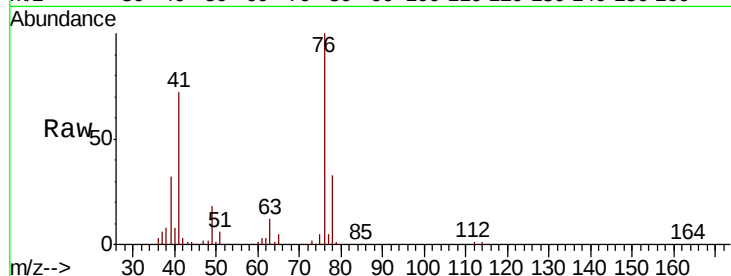
VN1009WBSD02

Tot Ion: 76 Resp: 95810

Ion Ratio Lower Upper

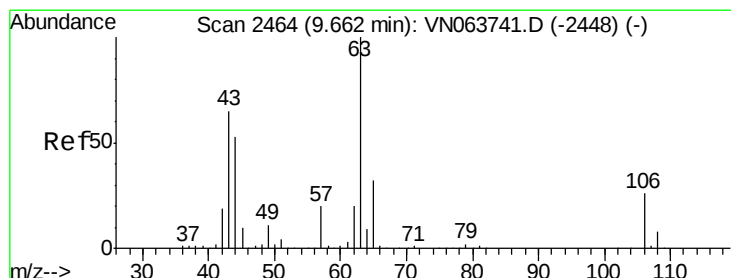
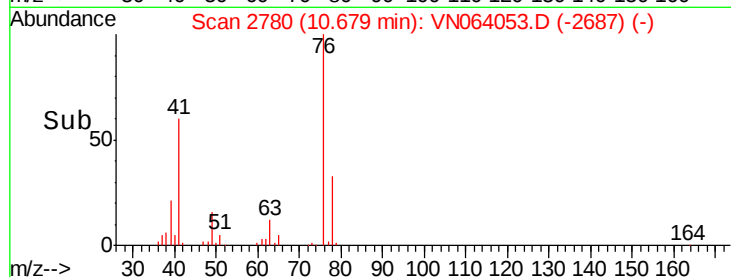
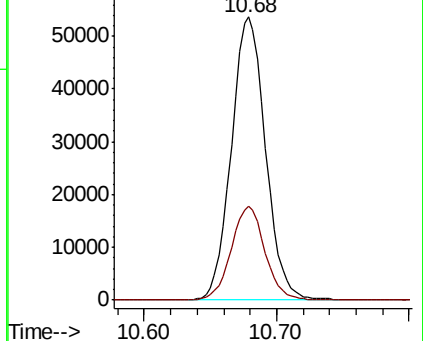
76 100

78 32.6 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VN063741.D (-2764) (-)

Ion 77.90 (77.60 to 78.60): VN063741.D (-2764) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 99.660 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN064053.D

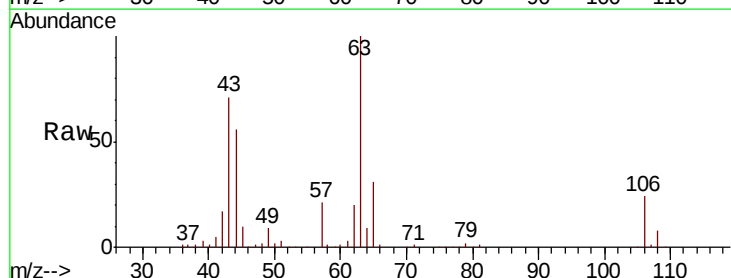
Acq: 9 Oct 2020 22:49

Tgt Ion: 63 Resp: 211535

Ion Ratio Lower Upper

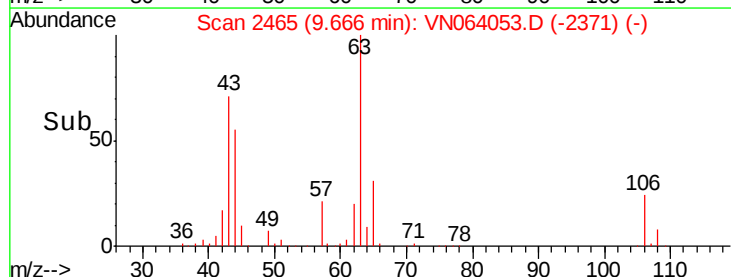
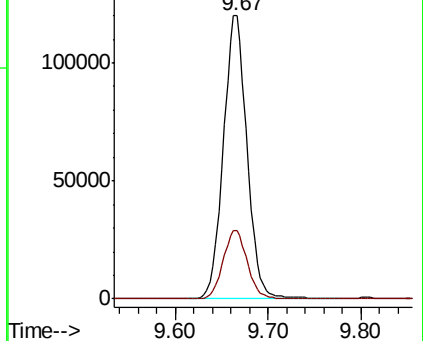
63 100

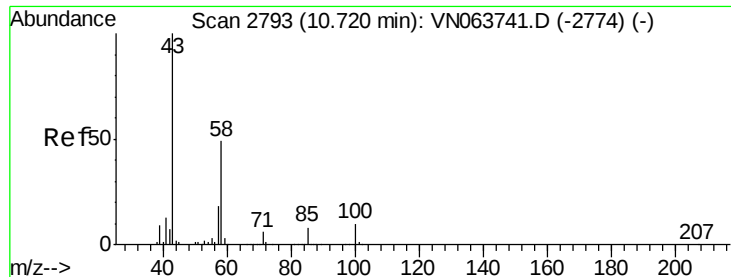
106 24.8 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN063741.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN063741.D (-2448) (-)

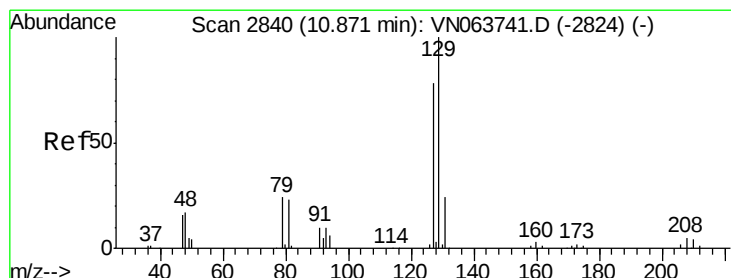
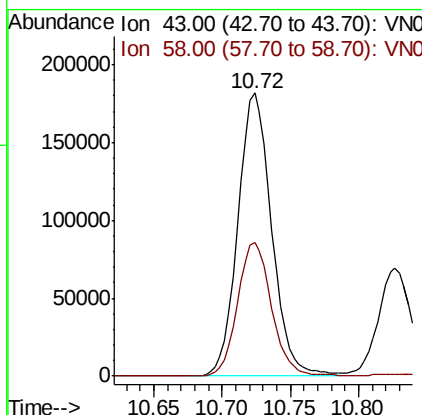
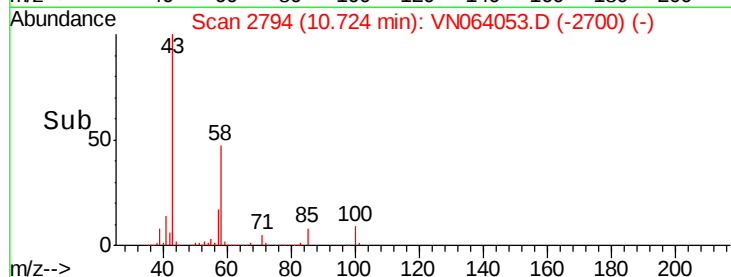
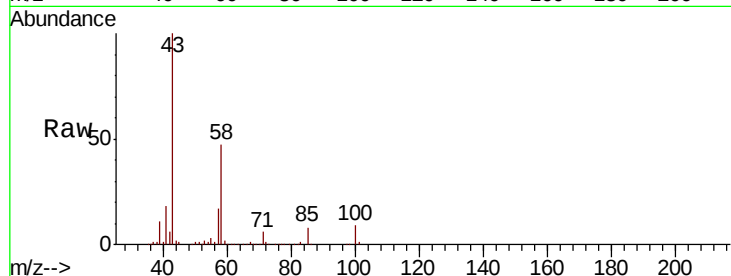




#59
2-Hexanone
Concen: 110.138 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

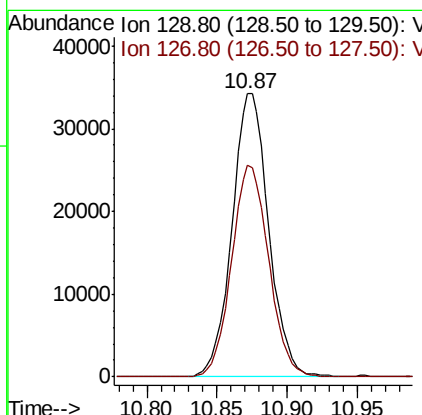
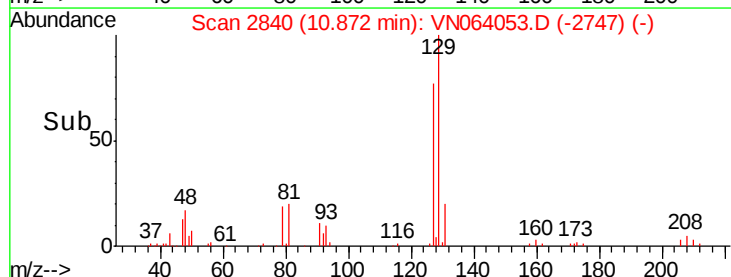
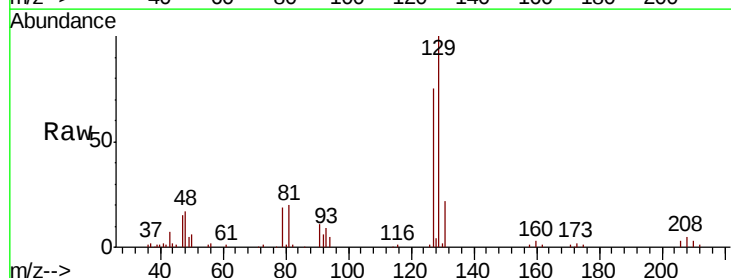
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

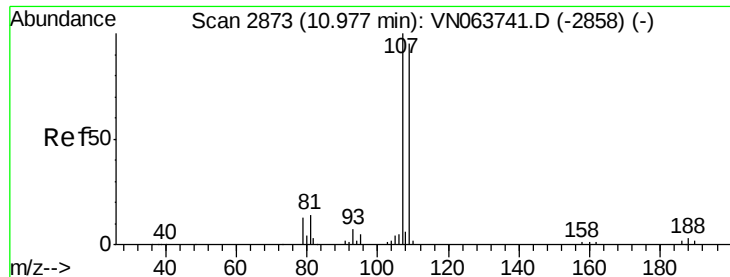
Tot Ion: 43 Resp: 310894
Ion Ratio Lower Upper
43 100
58 47.7 24.6 73.8



#60
Dibromochloromethane
Concen: 19.080 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Tgt Ion: 129 Resp: 62205
Ion Ratio Lower Upper
129 100
127 75.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.661 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

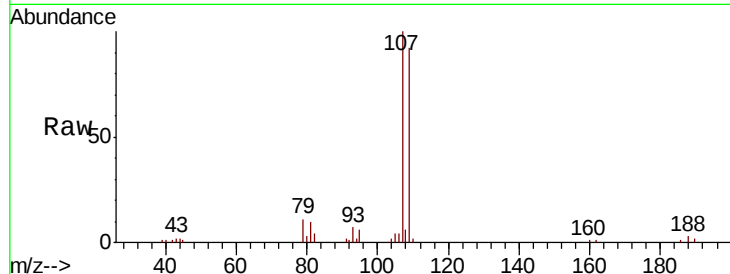
VN1009WBSD02

Tot Ion: 107 Resp: 56301

Ion Ratio Lower Upper

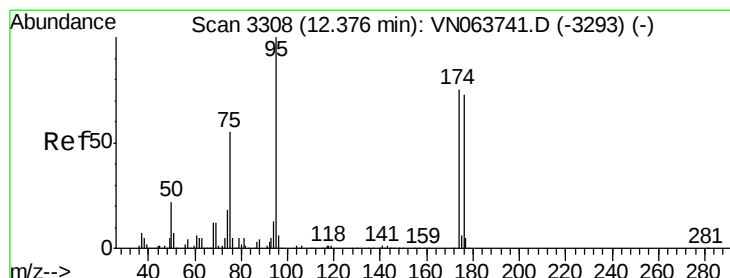
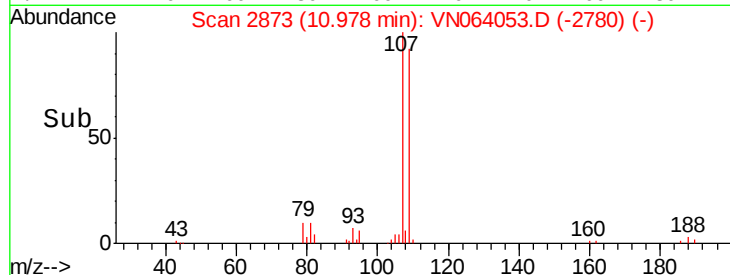
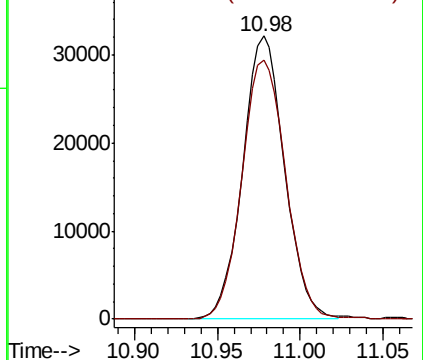
107 100

109 96.0 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.862 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

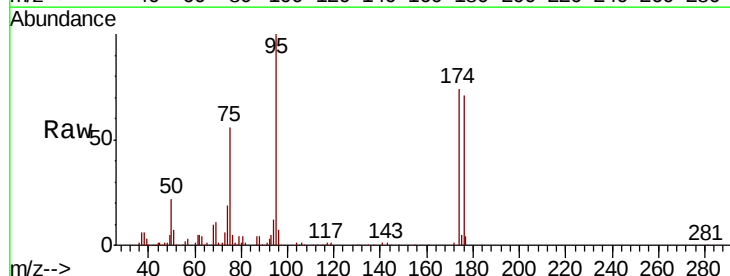
Tgt Ion: 95 Resp: 184578

Ion Ratio Lower Upper

95 100

174 74.6 0.0 150.6

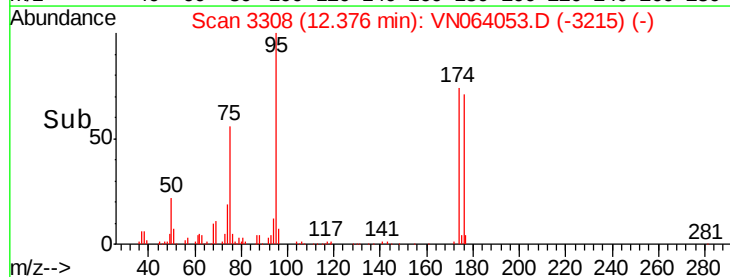
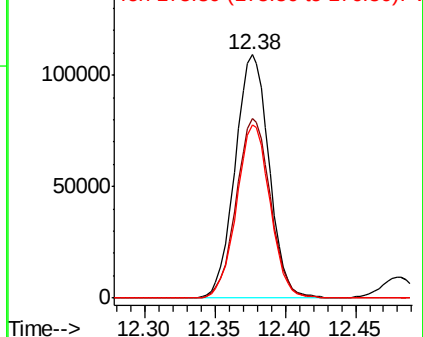
176 70.2 0.0 145.4

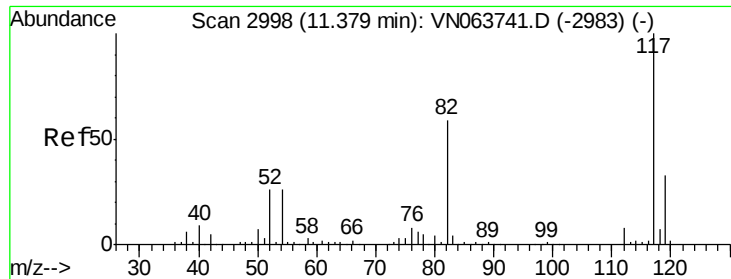


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

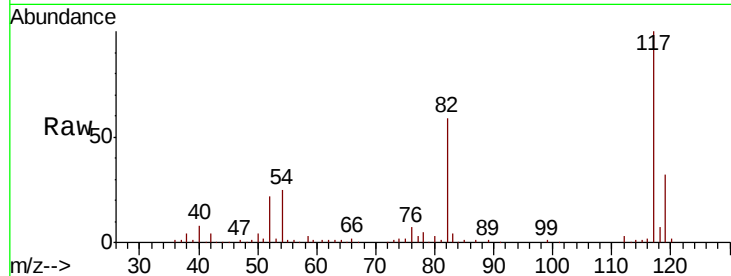




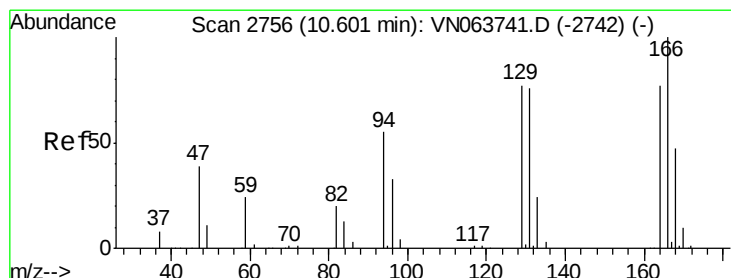
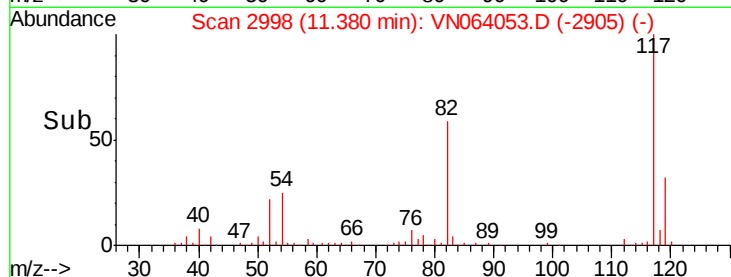
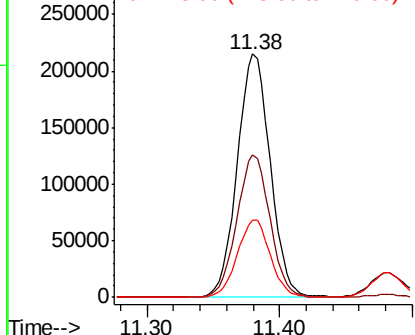
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

Tot Ion:117 Resp: 371546
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 31.8 26.4 39.6

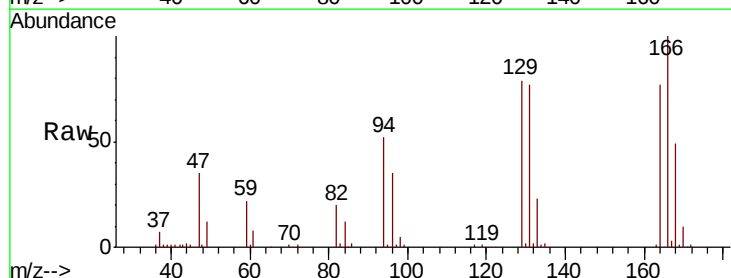


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

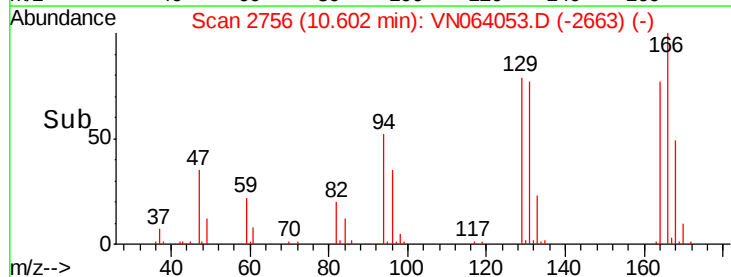
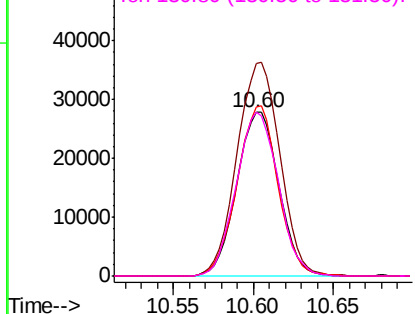


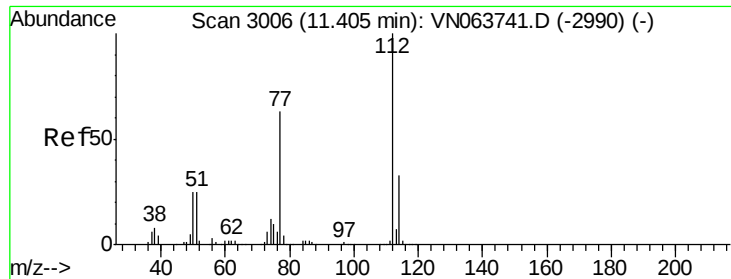
#64
Tetrachloroethene
Concen: 17.383 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Tgt Ion:164 Resp: 49969
Ion Ratio Lower Upper
164 100
166 129.8 103.9 155.9
129 102.8 80.3 120.5
131 100.4 78.9 118.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

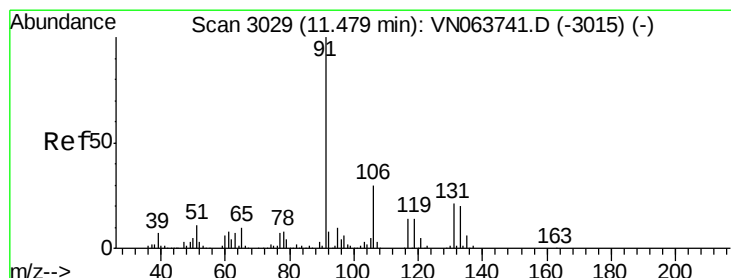
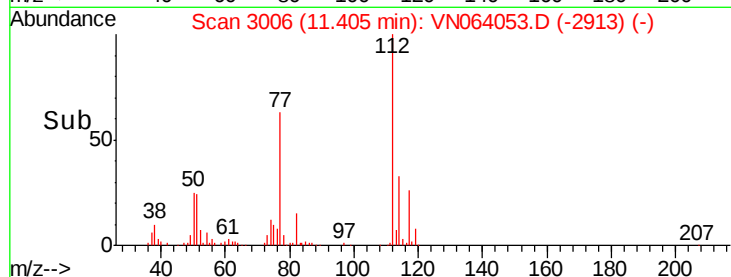
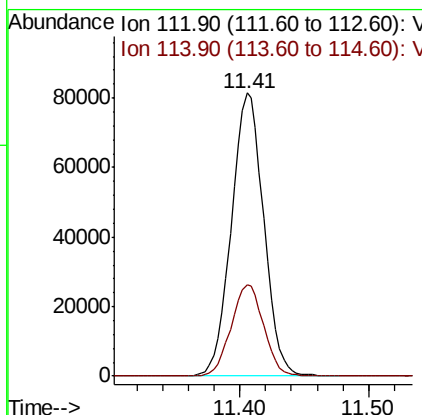
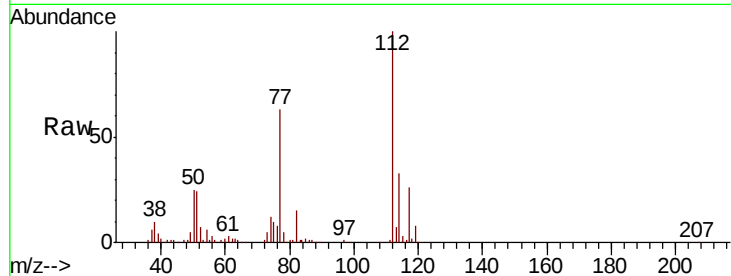




#65
Chlorobenzene
Concen: 18.572 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

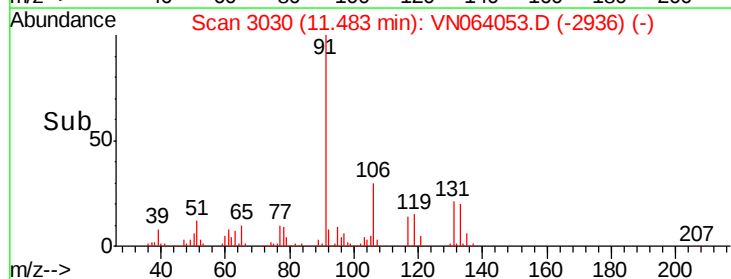
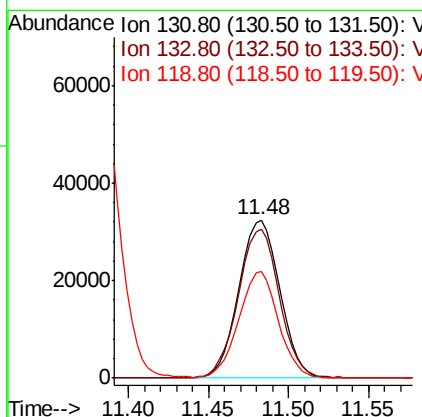
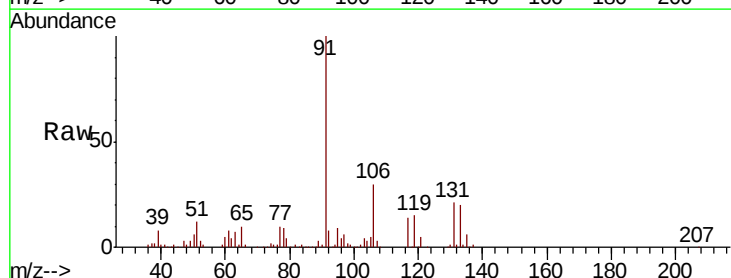
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

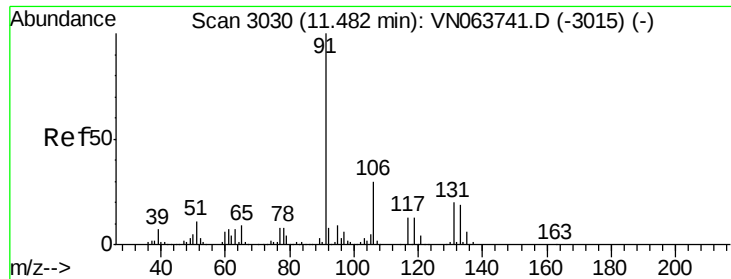
Tot Ion:112 Resp: 141544
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.390 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Tgt Ion:131 Resp: 56656
Ion Ratio Lower Upper
131 100
133 94.8 47.3 141.8
119 65.0 32.6 97.7

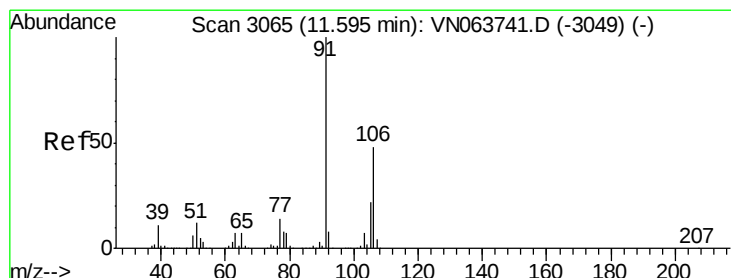
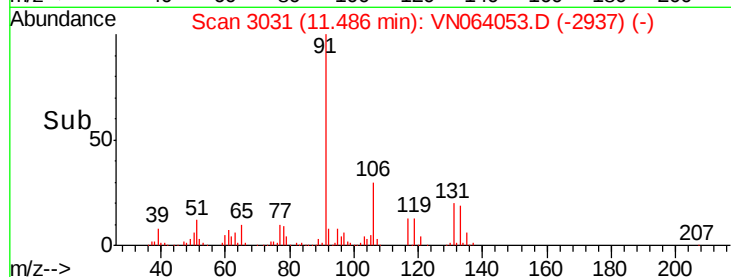
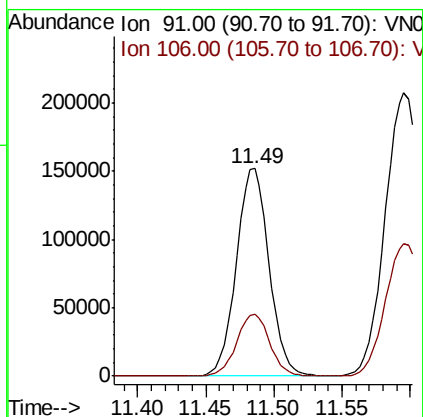
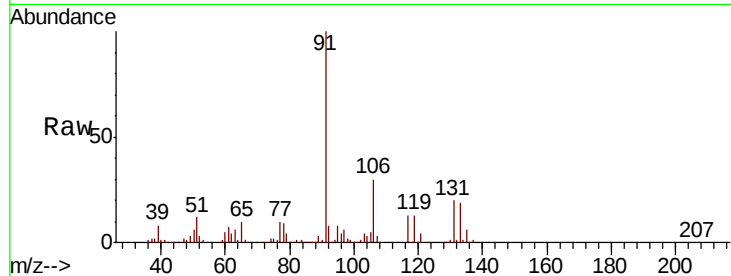




#67
Ethyl Benzene
Concen: 18.221 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

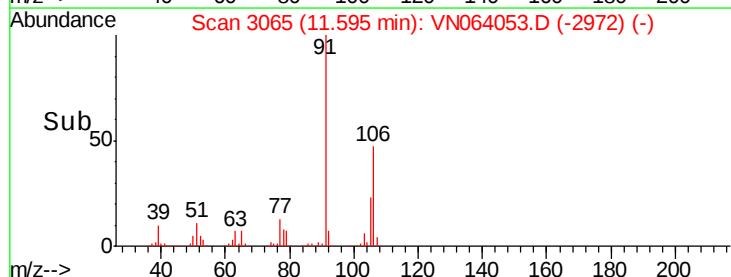
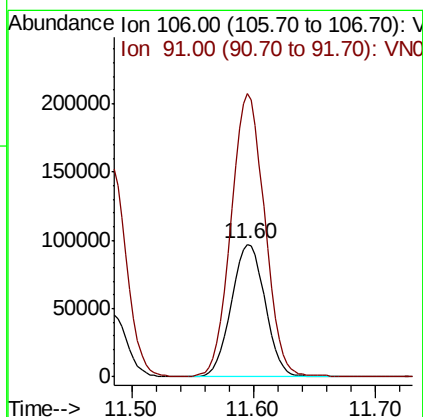
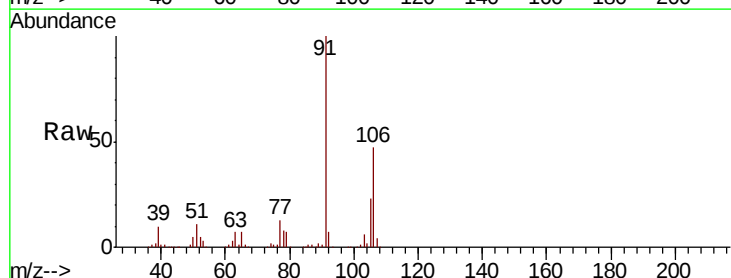
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

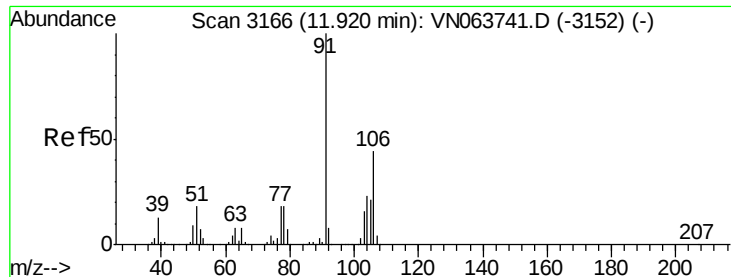
Tot Ion: 91 Resp: 252704
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.2



#68
m/p-Xylenes
Concen: 36.209 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Tgt Ion: 106 Resp: 187154
Ion Ratio Lower Upper
106 100
91 211.2 168.0 252.0

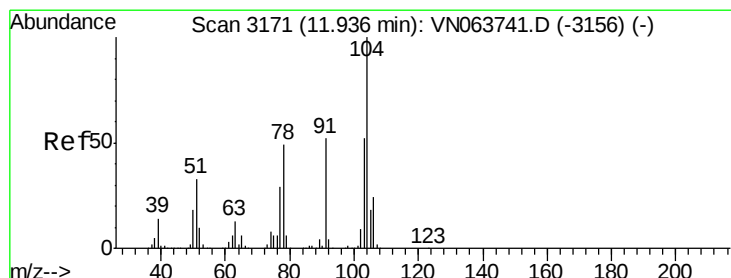
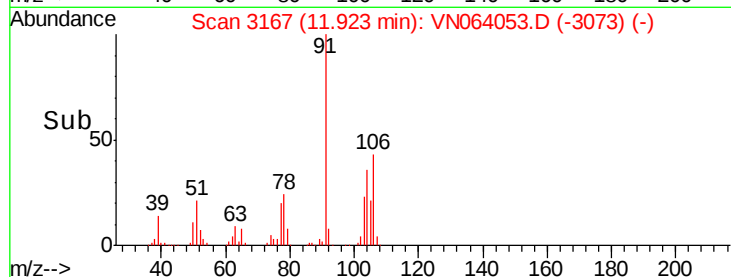
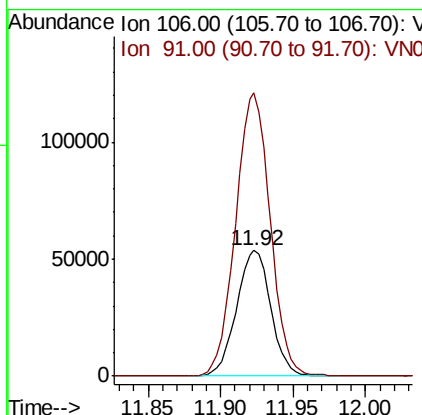
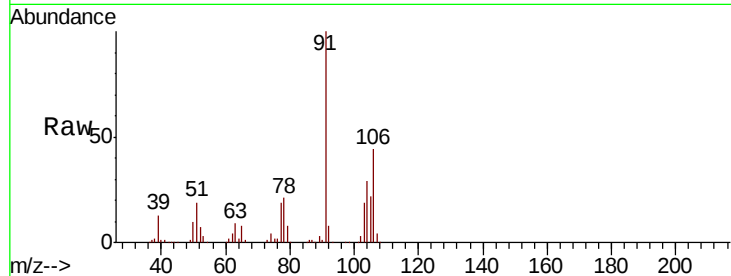




#69
o-Xylene
Concen: 18.166 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

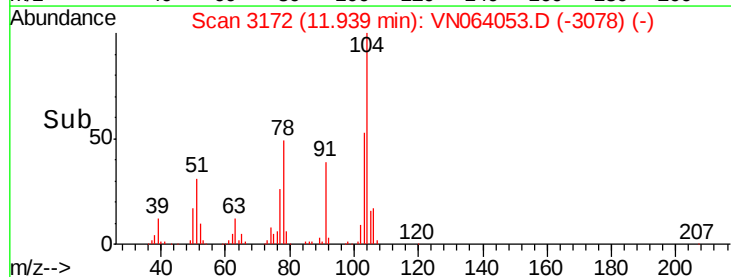
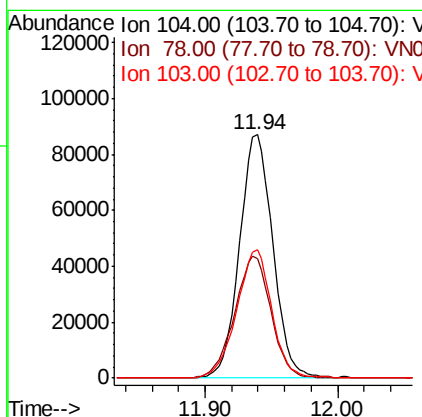
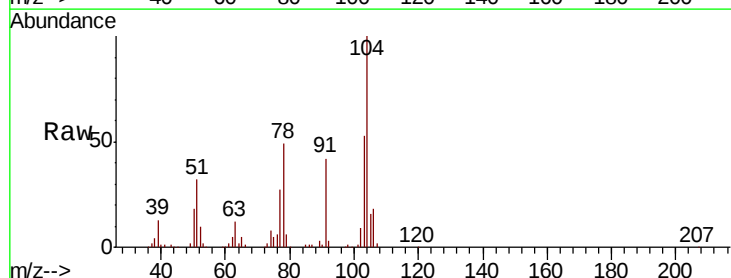
Instrument :
MSVOA_N
ClientSampled :
VN1009WBSD02

Tot Ion:106 Resp: 87759
Ion Ratio Lower Upper
106 100
91 228.9 112.7 338.0



#70
Styrene
Concen: 18.582 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Tgt Ion:104 Resp: 152381
Ion Ratio Lower Upper
104 100
78 54.5 44.1 66.1
103 55.4 44.3 66.5





#71

Bromoform

Concen: 19.357 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

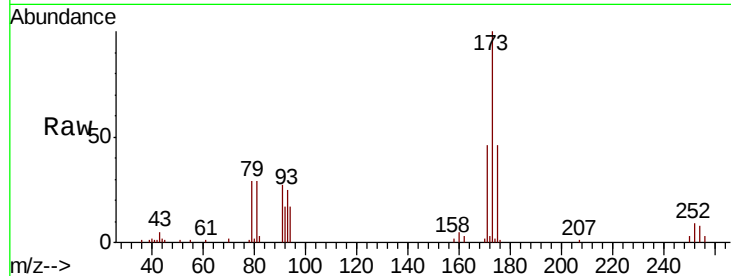
Tot Ion:173 Resp: 43258

Ion Ratio Lower Upper

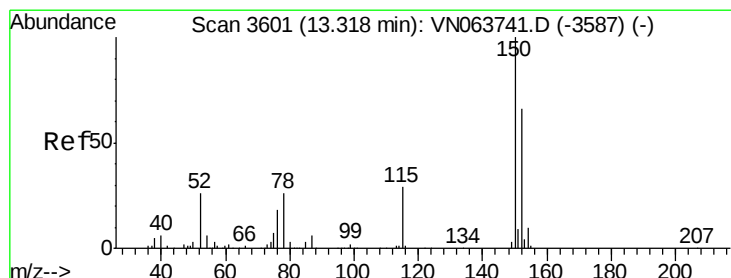
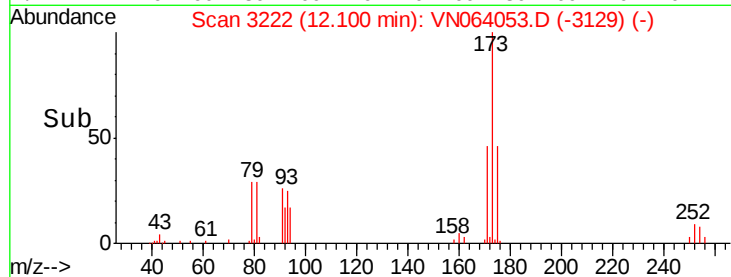
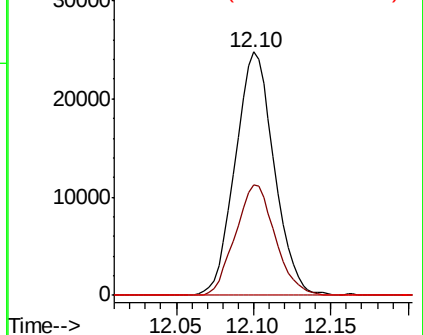
173 100

175 46.3 23.5 70.5

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

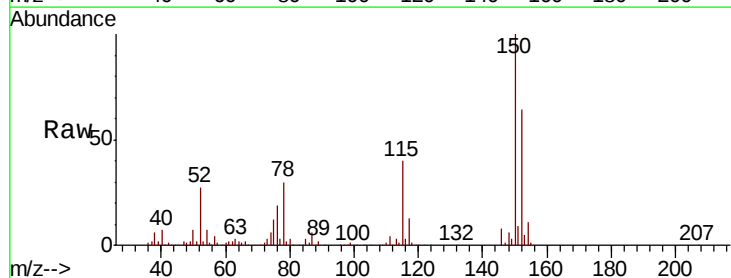
Tgt Ion:152 Resp: 162668

Ion Ratio Lower Upper

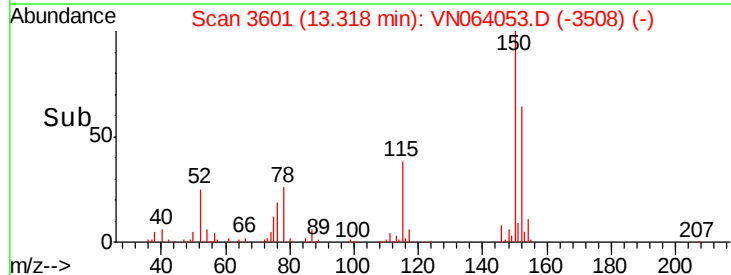
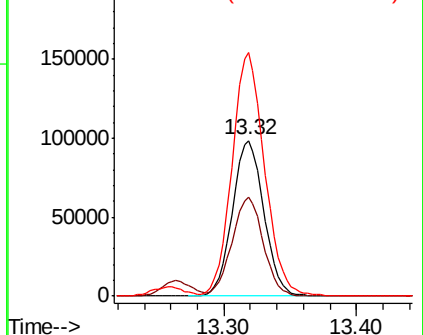
152 100

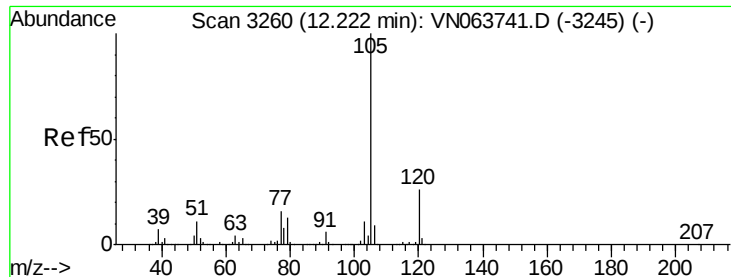
115 62.4 31.3 93.8

150 160.1 0.0 341.8



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

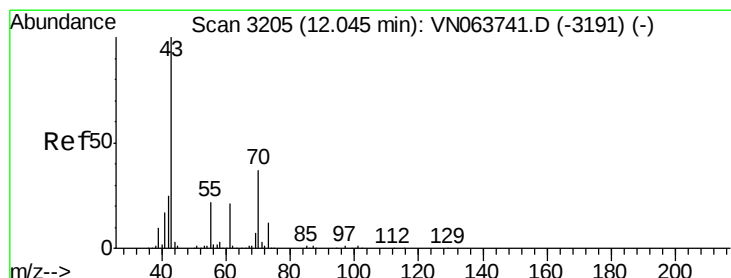
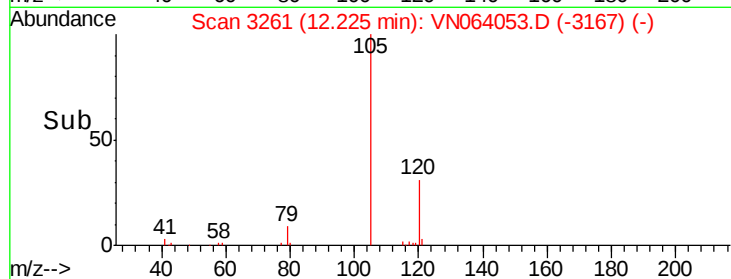
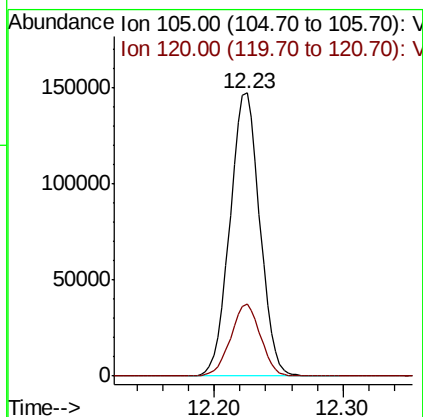
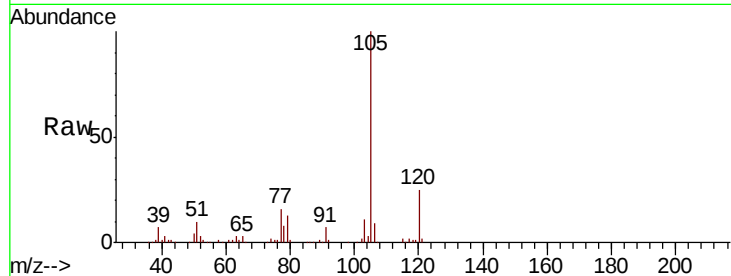




#73
Isopropylbenzene
Concen: 20.005 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

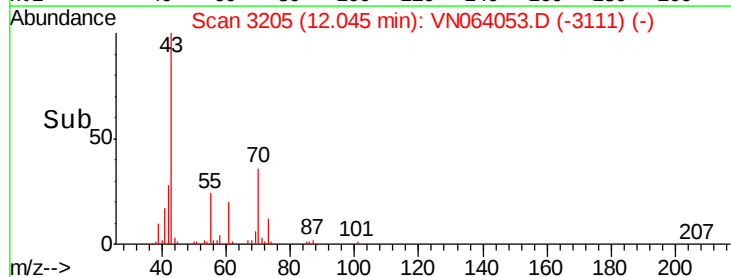
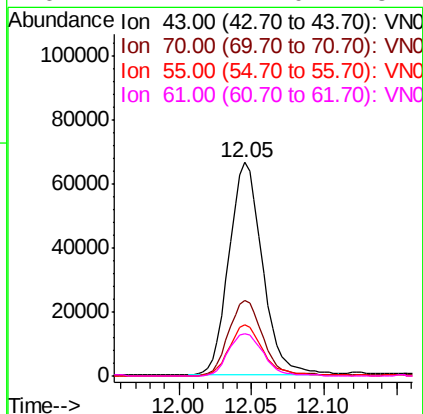
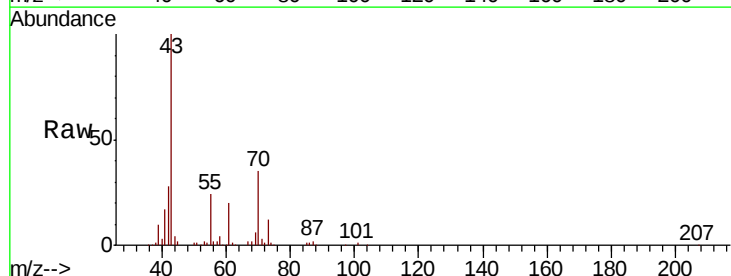
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

Tot Ion:105 Resp: 237357
Ion Ratio Lower Upper
105 100
120 25.3 12.6 37.8



#74
N-ethyl acetate
Concen: 20.677 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Tgt Ion: 43 Resp: 106524
Ion Ratio Lower Upper
43 100
70 36.7 29.8 44.8
55 24.5 17.9 26.9
61 21.2 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.598 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

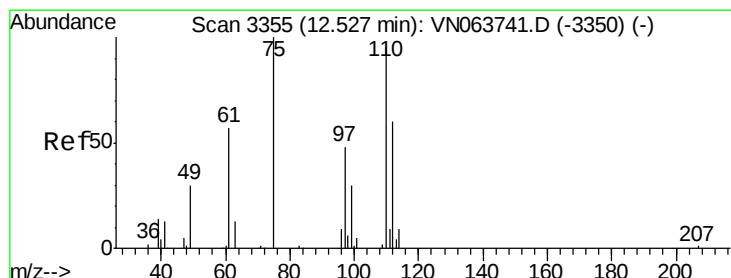
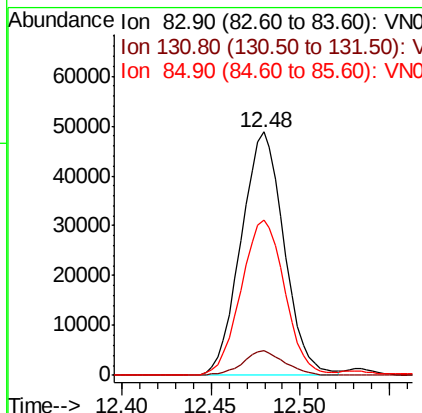
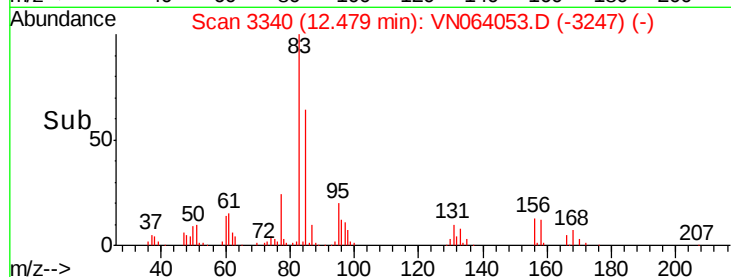
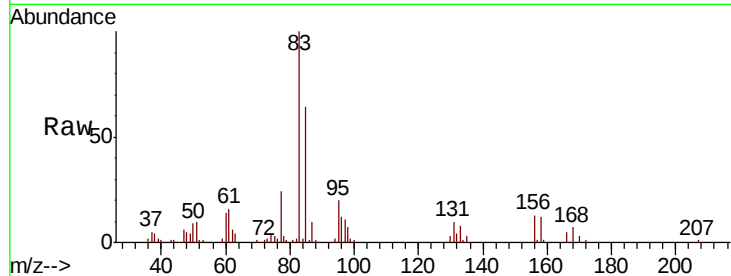
Tot Ion: 83 Resp: 81990

Ion Ratio Lower Upper

83 100

131 9.9 5.3 15.8

85 65.0 31.3 93.8



#76

1,2,3-Trichloropropane

Concen: 30.745 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064053.D

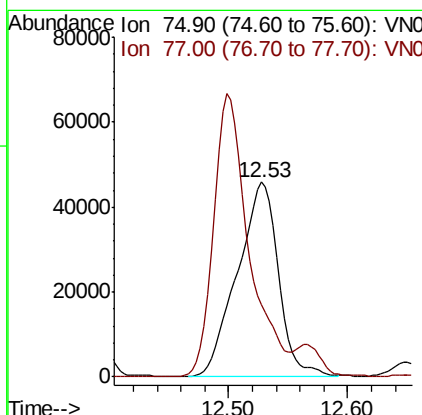
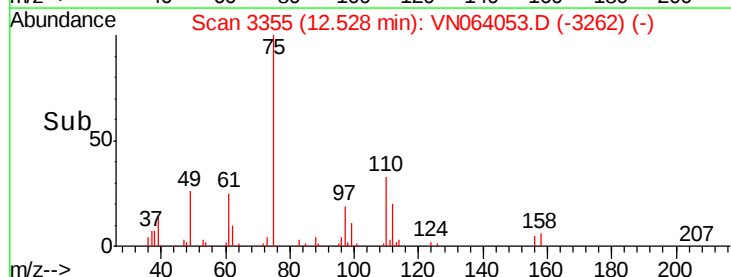
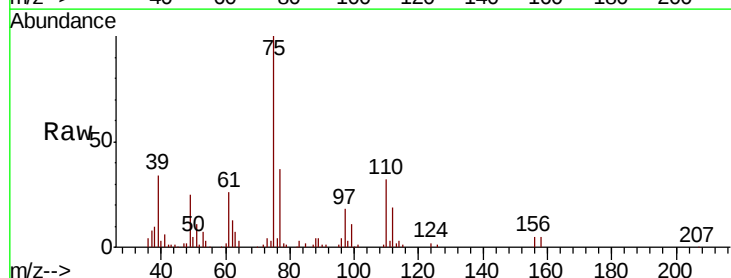
Acq: 9 Oct 2020 22:49

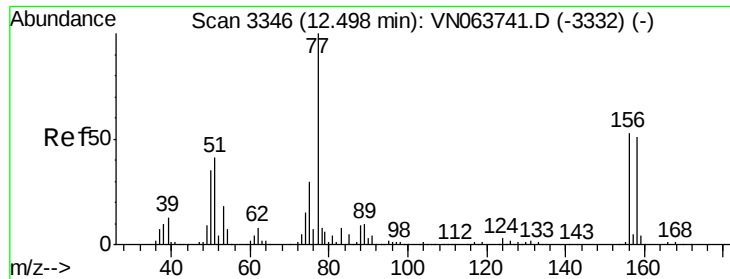
Tgt Ion: 75 Resp: 110246

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.487 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

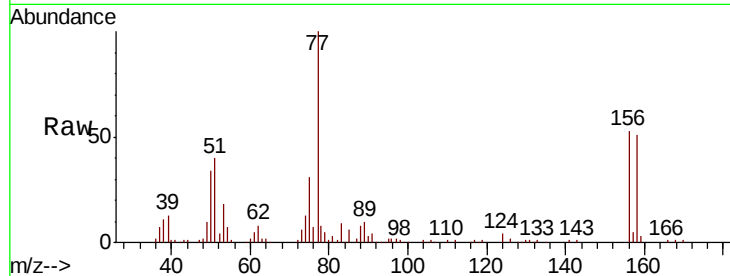
Tot Ion:156 Resp: 59646

Ion Ratio Lower Upper

156 100

77 229.3 110.9 332.7

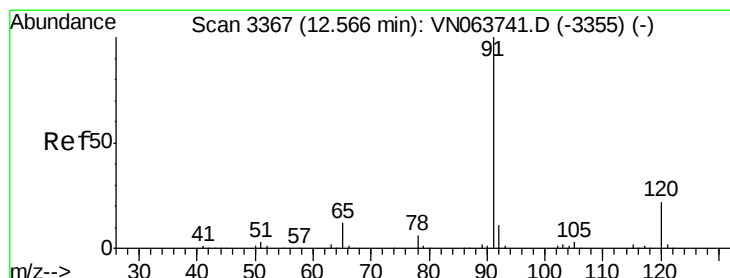
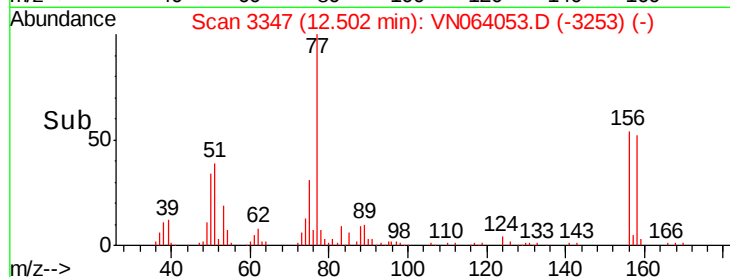
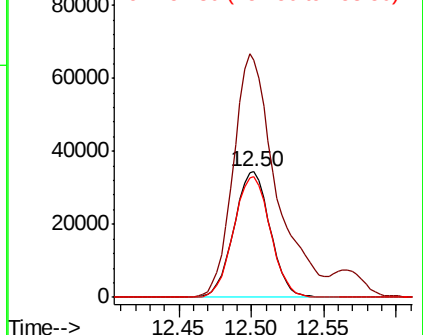
158 97.4 47.7 143.1



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: 19.809 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064053.D

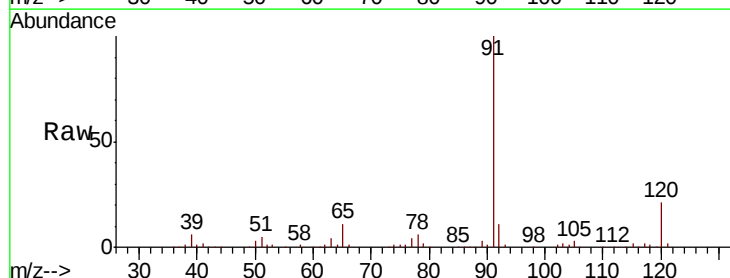
Acq: 9 Oct 2020 22:49

Tgt Ion: 91 Resp: 273531

Ion Ratio Lower Upper

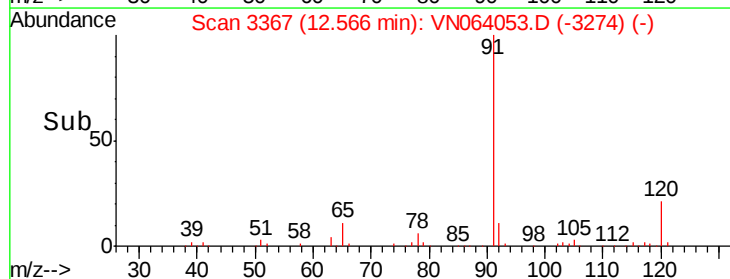
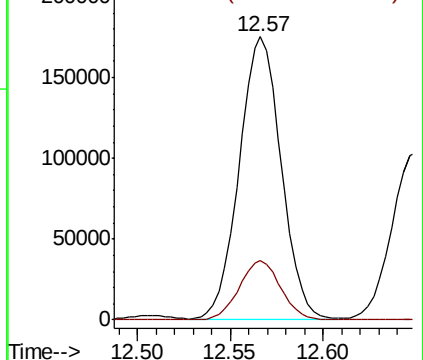
91 100

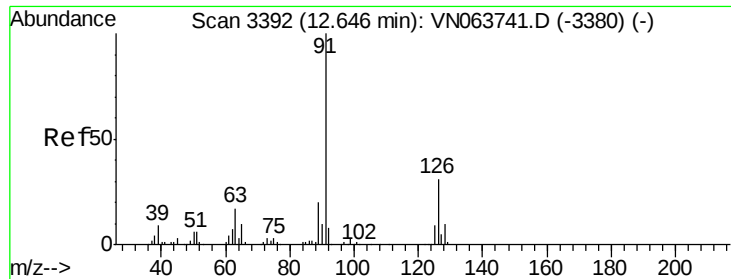
120 20.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

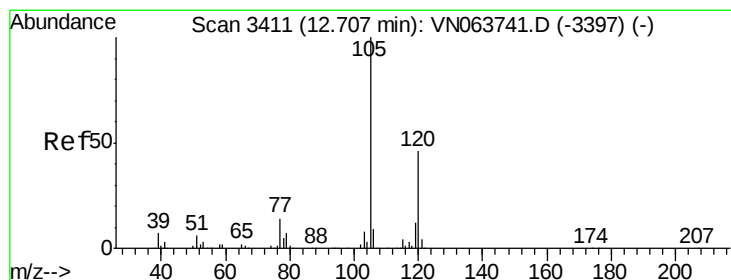
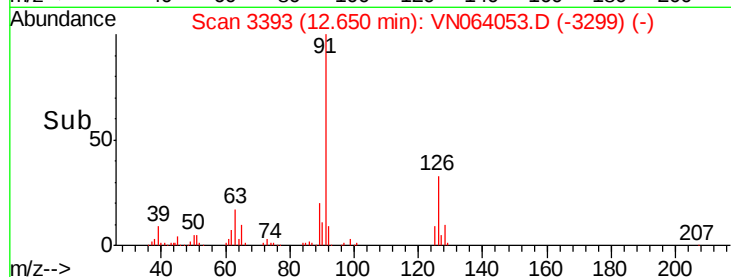
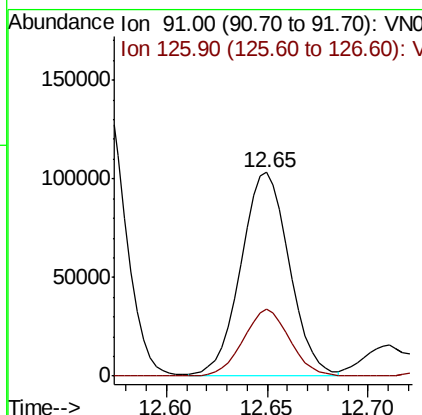
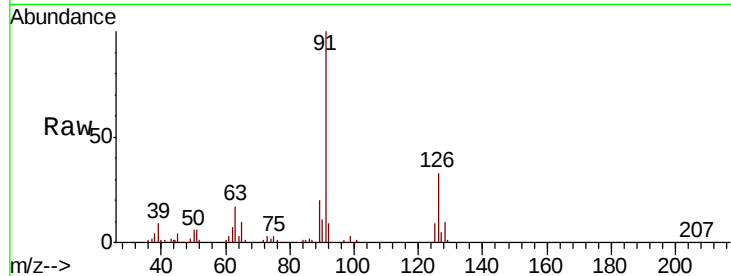




#79
 2-Chlorotoluene
 Concen: 20.255 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

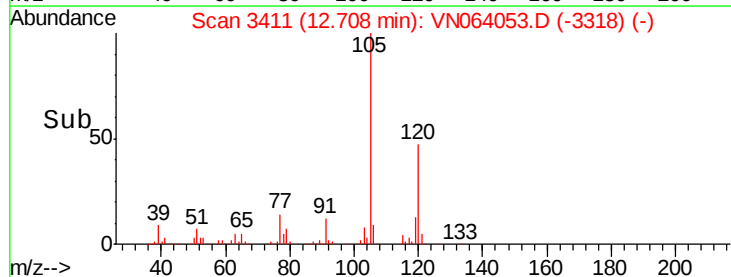
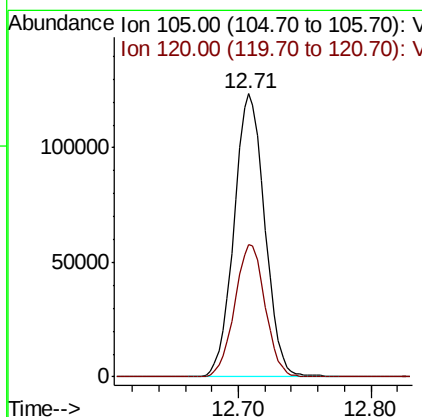
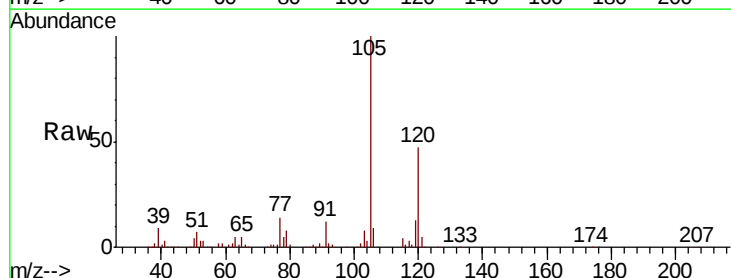
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD02

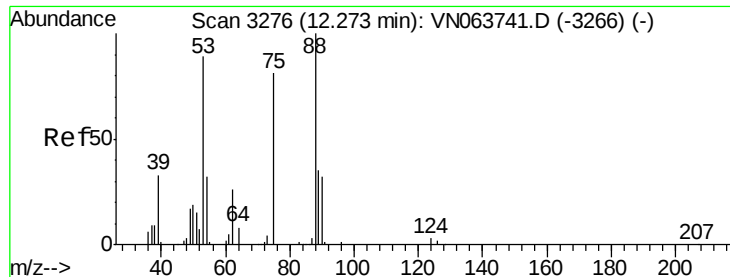
Tot Ion: 91 Resp: 172014
 Ion Ratio Lower Upper
 91 100
 126 31.9 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.956 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

Tgt Ion: 105 Resp: 198645
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.139 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

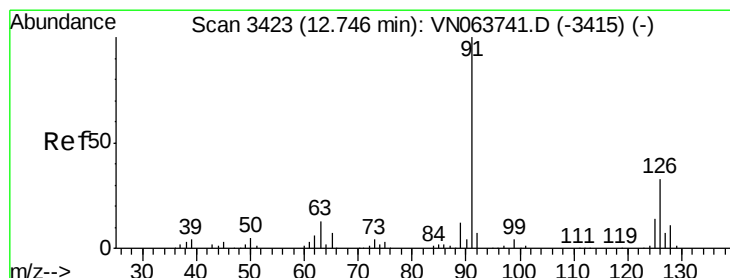
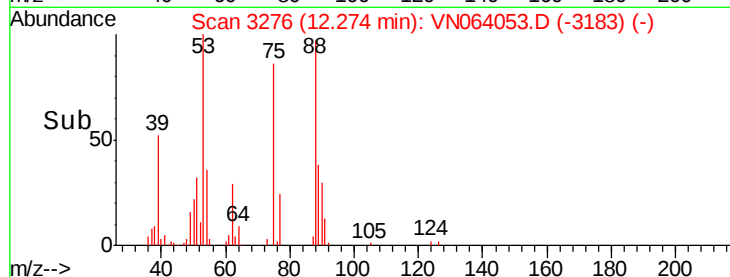
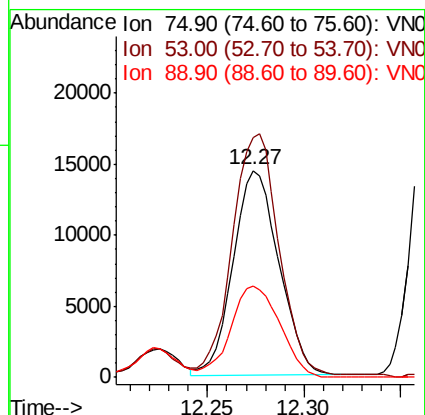
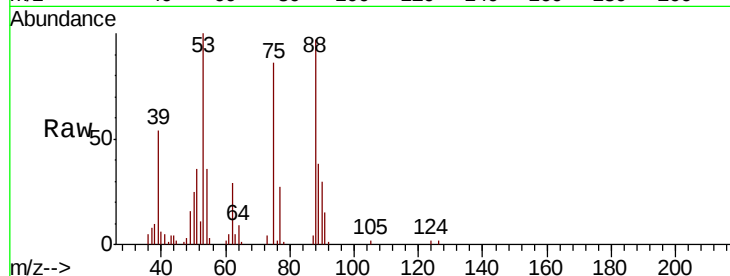
Tot Ion: 75 Resp: 23828

Ion Ratio Lower Upper

75 100

53 119.7 88.2 132.2

89 47.7 36.0 54.0



#82

4-Chlorotoluene

Concen: 19.903 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN064053.D

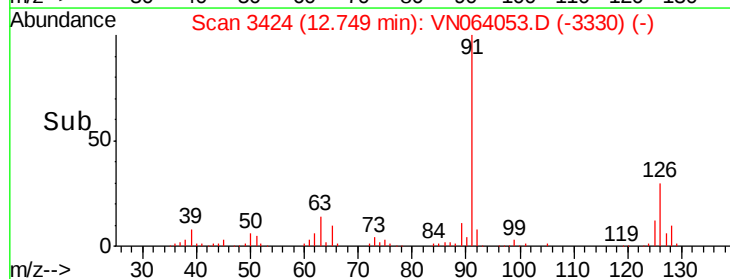
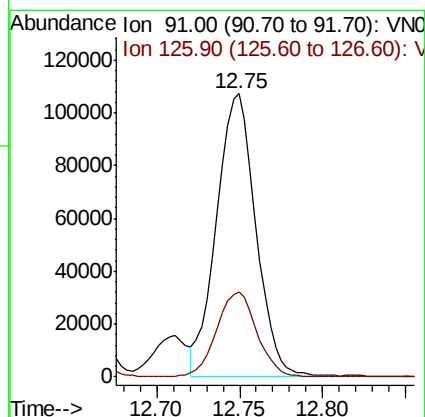
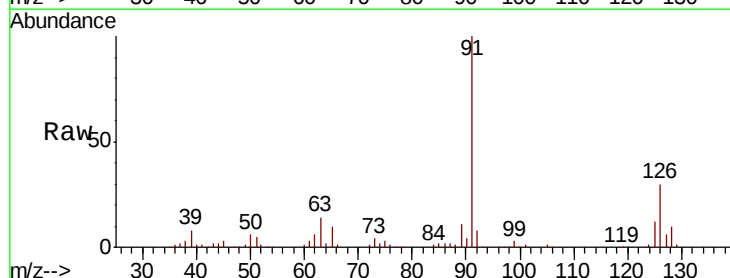
Acq: 9 Oct 2020 22:49

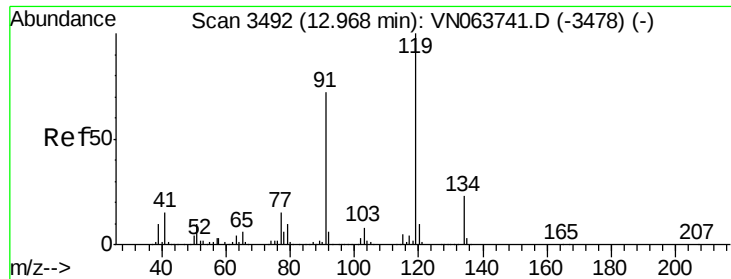
Tgt Ion: 91 Resp: 175462

Ion Ratio Lower Upper

91 100

126 30.6 15.4 46.2

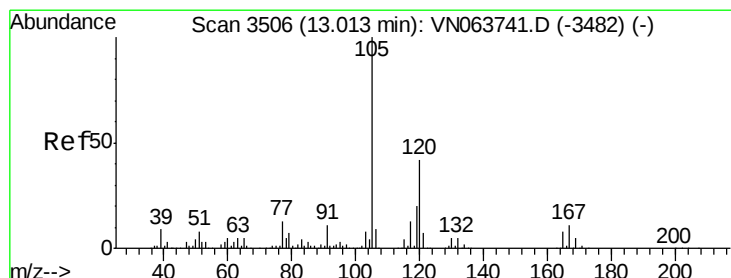
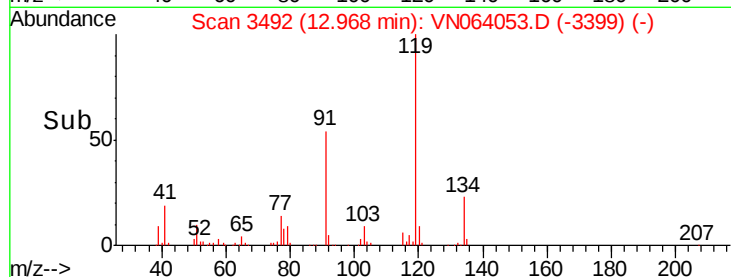
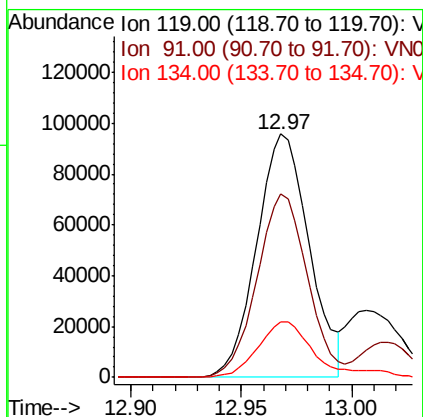
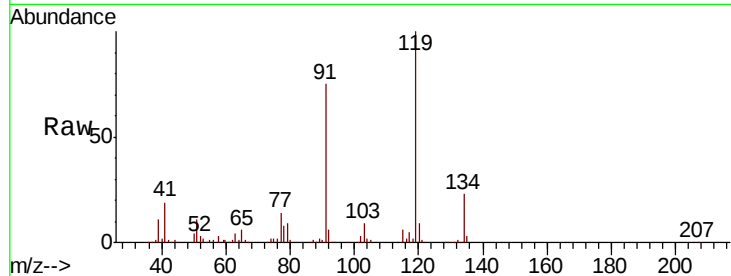




#83
tert-Butylbenzene
Concen: 19.433 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

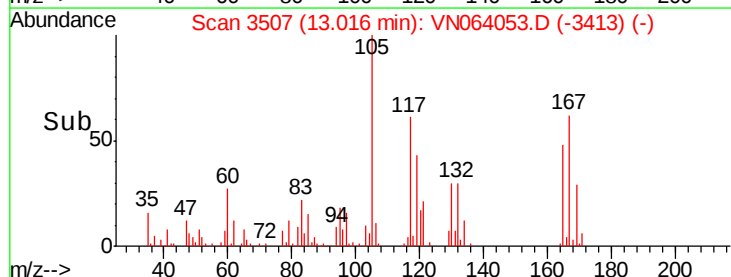
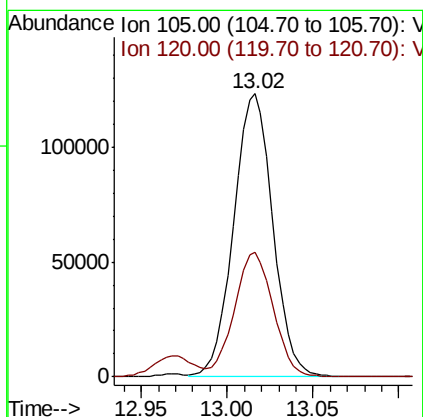
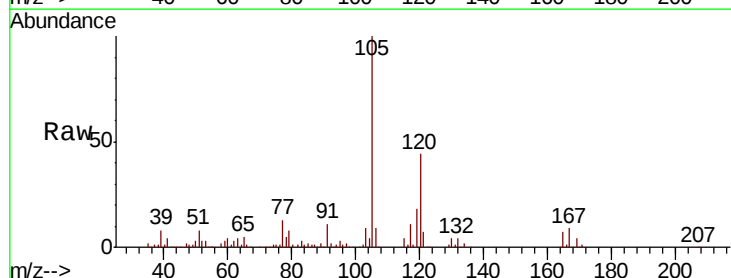
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

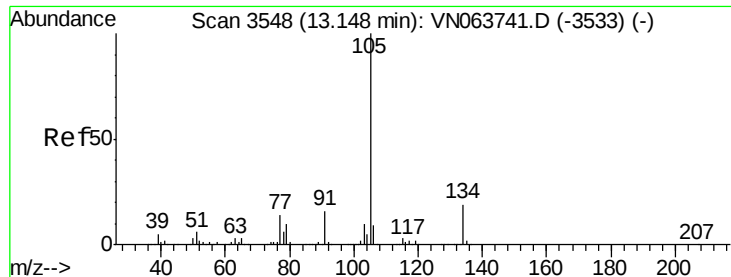
Tot Ion:119 Resp: 158226
Ion Ratio Lower Upper
119 100
91 72.9 35.5 106.5
134 23.6 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 19.484 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Tgt Ion:105 Resp: 193631
Ion Ratio Lower Upper
105 100
120 43.8 20.9 62.7





#85

sec-Butylbenzene

Concen: 19.461 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

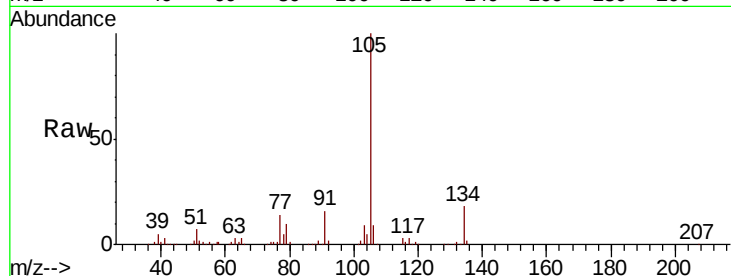
VN1009WBSD02

Tot Ion:105 Resp: 208126

Ion Ratio Lower Upper

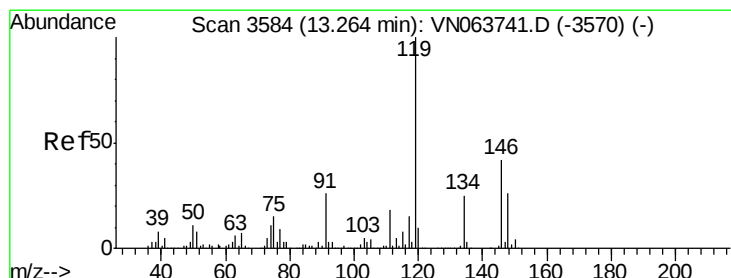
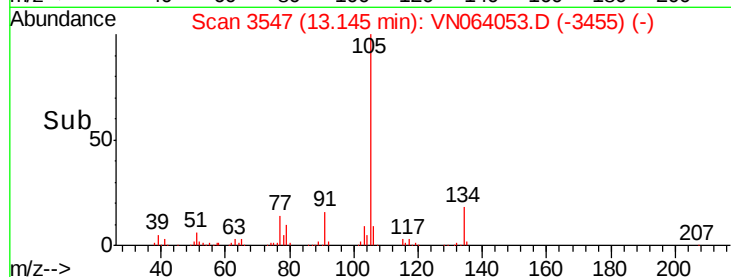
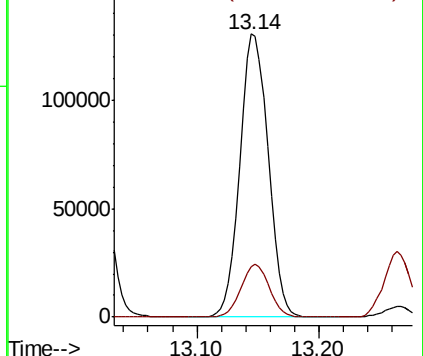
105 100

134 18.5 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.811 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064053.D

Acq: 9 Oct 2020 22:49

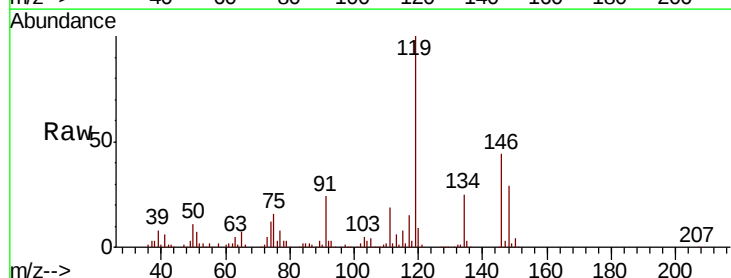
Tgt Ion:119 Resp: 187431

Ion Ratio Lower Upper

119 100

134 24.8 12.6 37.8

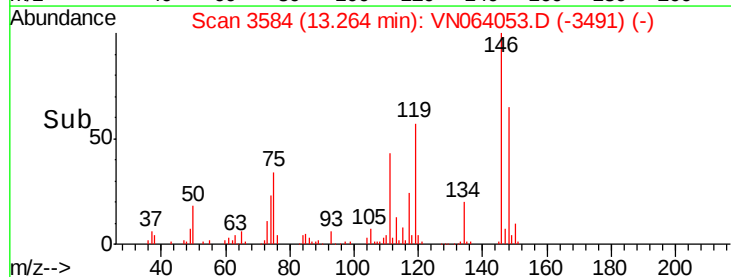
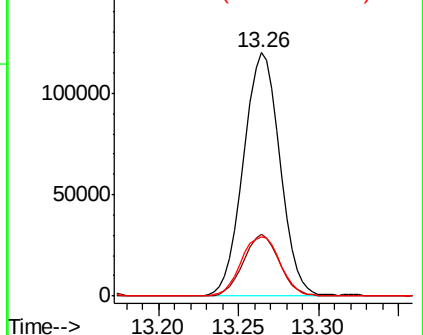
91 26.2 13.4 40.2

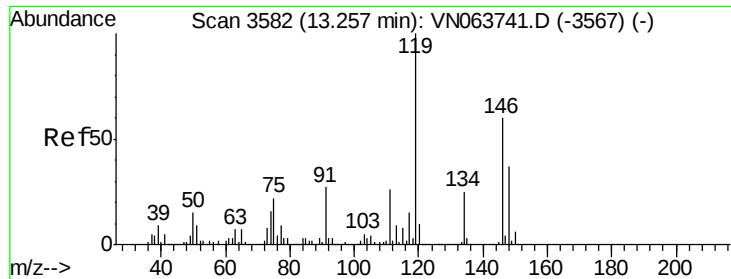


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

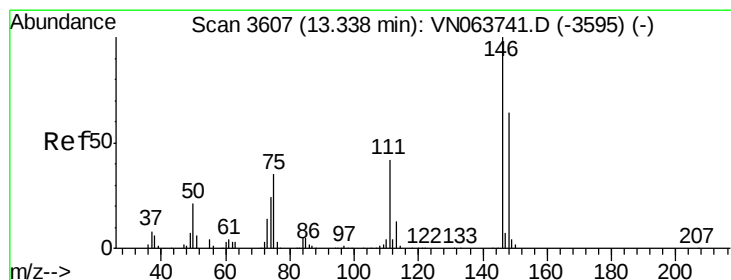
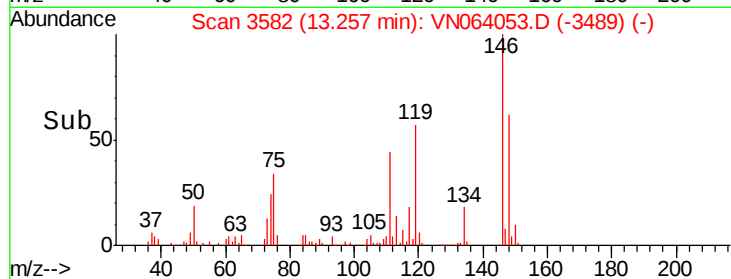
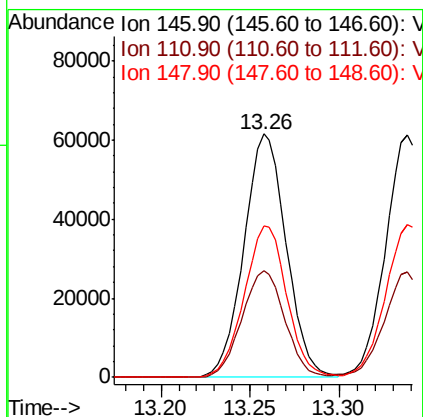
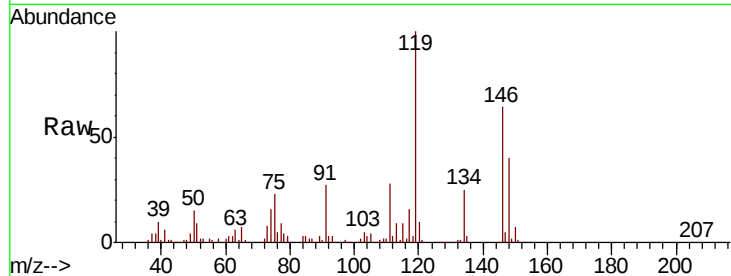




#87
 1,3-Dichlorobenzene
 Concen: 19.363 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

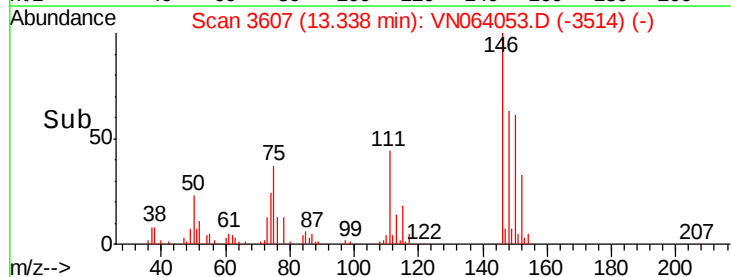
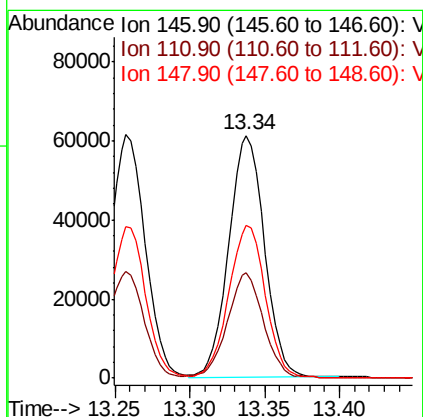
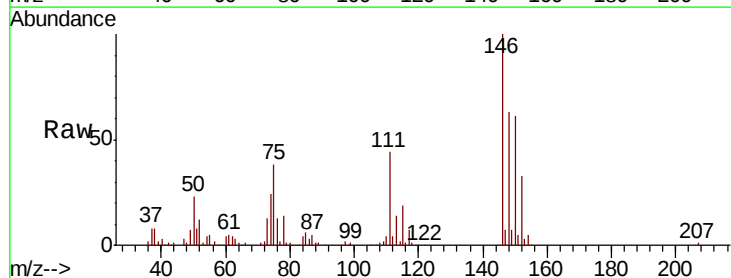
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD02

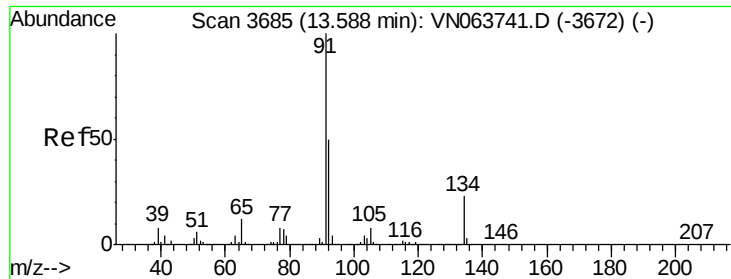
Tot Ion:146 Resp: 101987
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.5 64.5
 148 62.6 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 18.538 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

Tgt Ion:146 Resp: 101661
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.3 63.7
 148 64.3 32.0 96.0

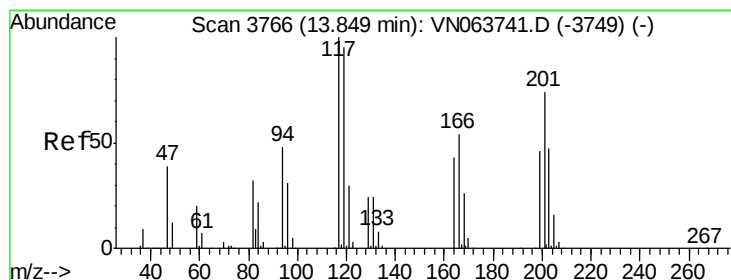
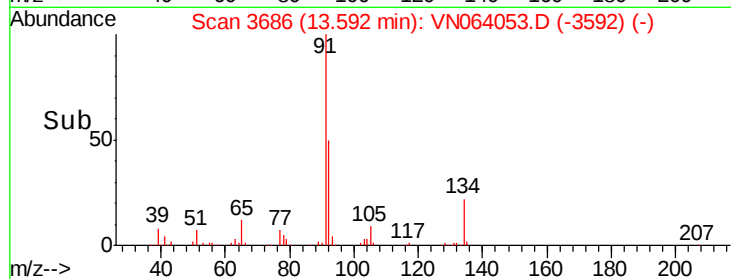
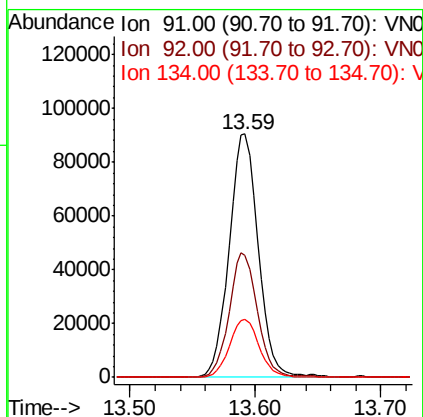
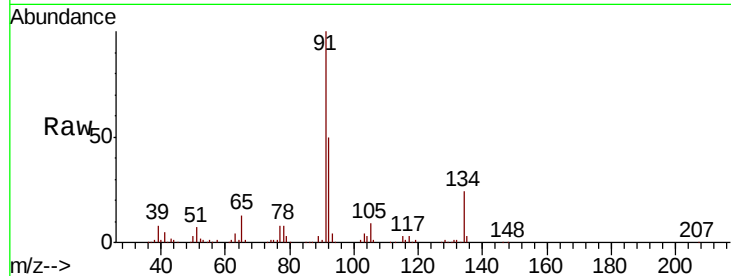




#89
n-Butylbenzene
Concen: 16.708 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

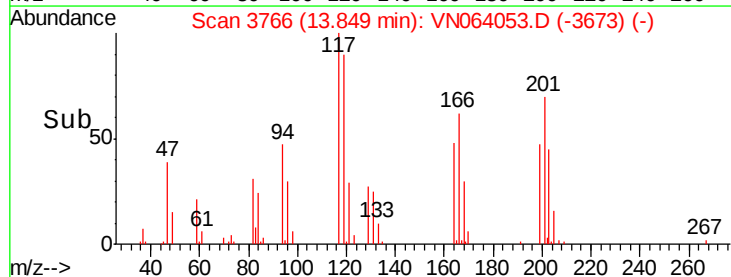
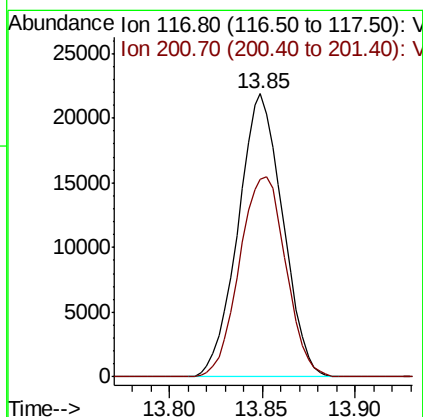
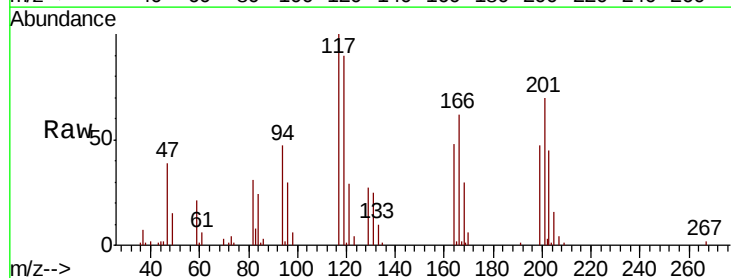
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

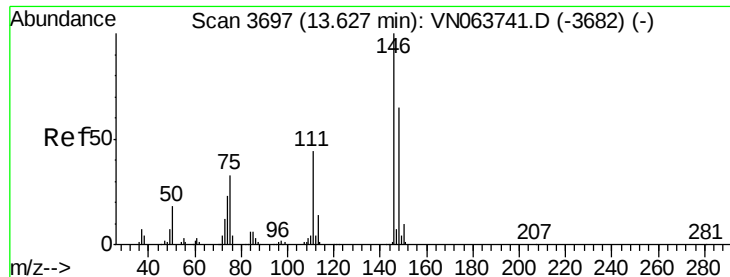
Tot Ion: 91 Resp: 145893
Ion Ratio Lower Upper
91 100
92 49.5 25.4 76.4
134 24.2 11.7 35.1



#90
Hexachloroethane
Concen: 19.888 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Tgt Ion: 117 Resp: 36460
Ion Ratio Lower Upper
117 100
201 73.6 36.0 108.0

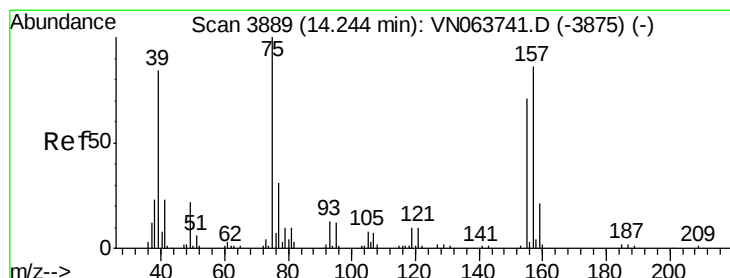
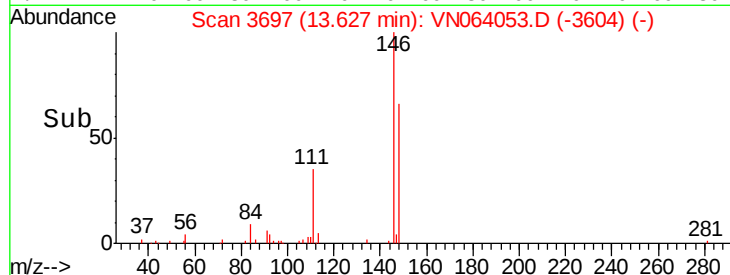
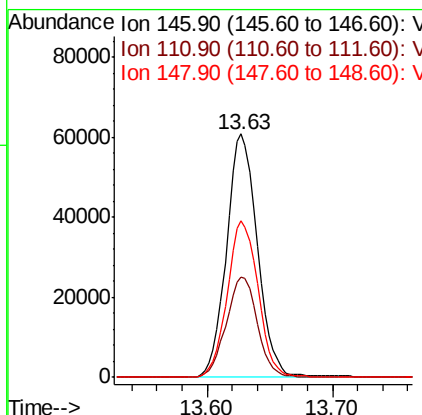
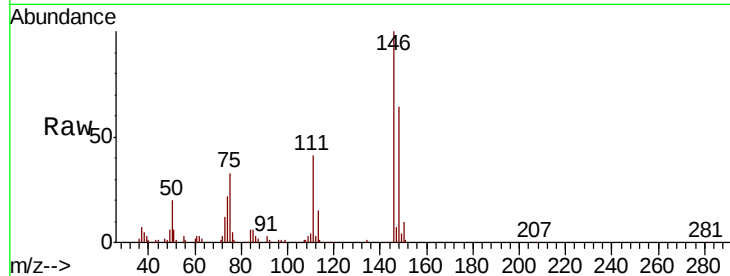




#91
 1,2-Dichlorobenzene
 Concen: 19.939 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

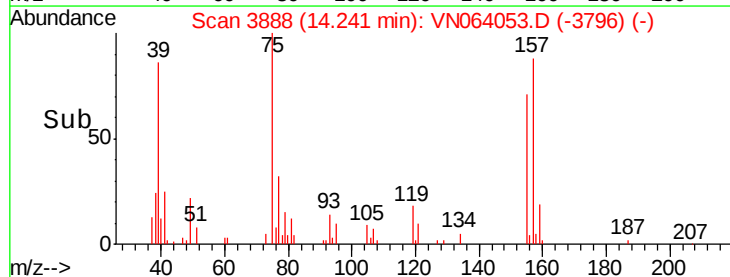
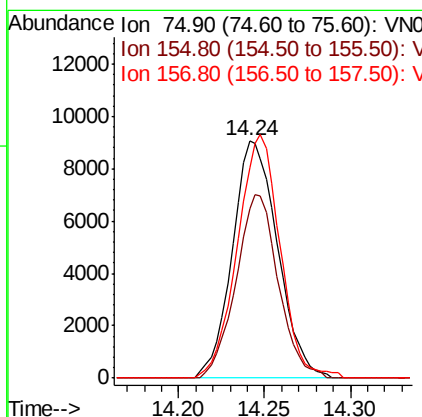
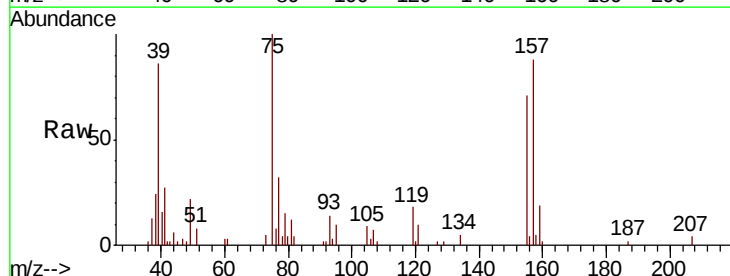
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD02

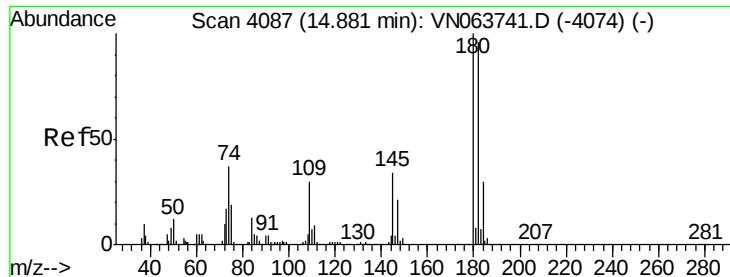
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	22.2	66.6
148	64.5	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.519 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.2	34.8	104.5
157	96.7	43.7	131.1

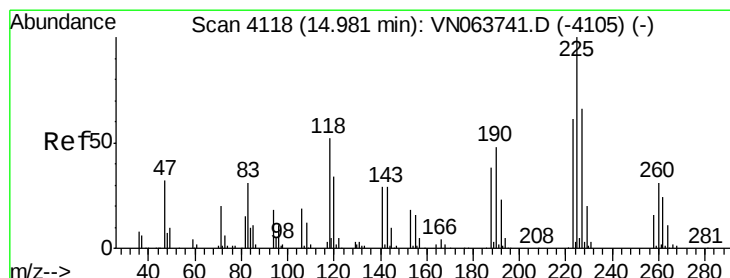
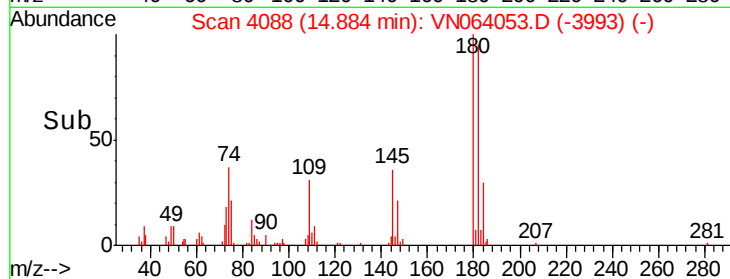
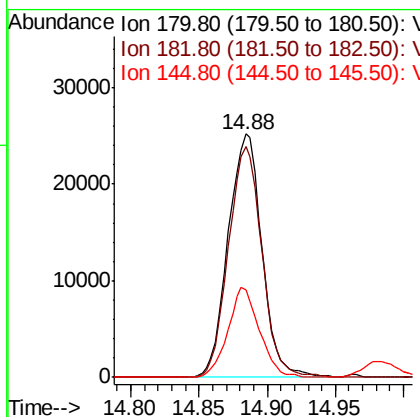
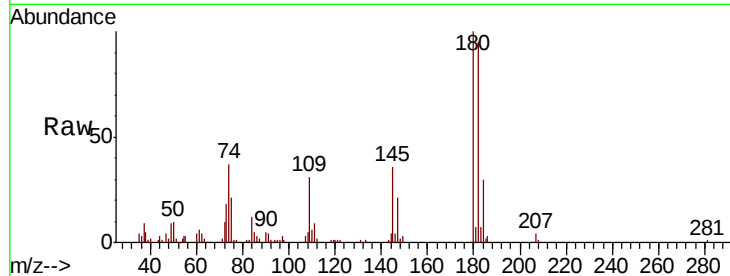




#93
 1,2,4-Trichlorobenzene
 Concen: 16.481 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

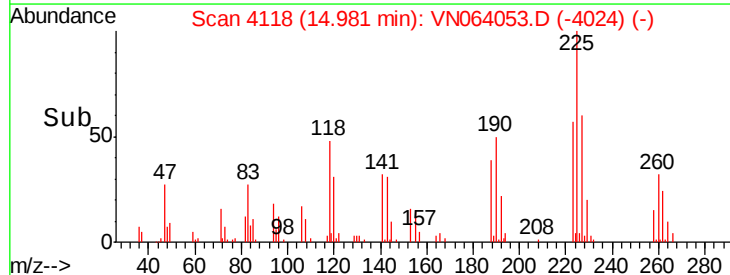
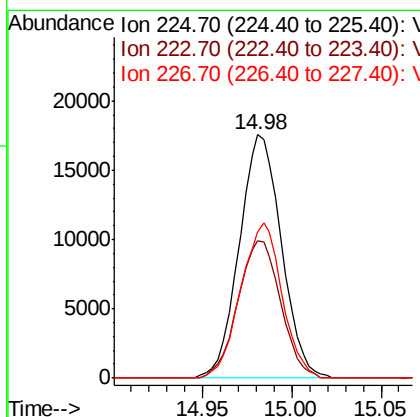
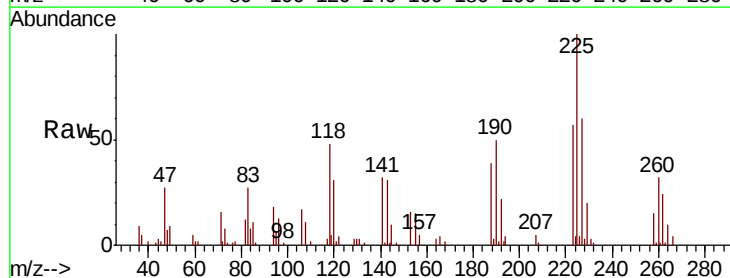
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD02

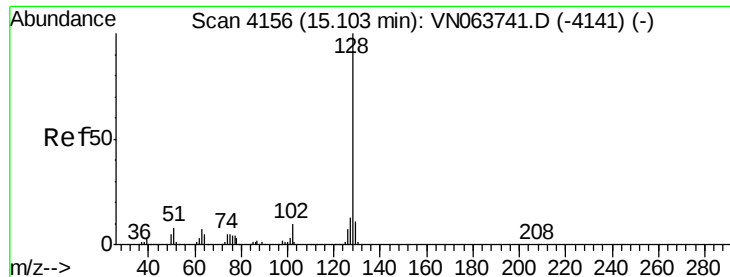
Tot Ion:180 Resp: 43331
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.2 144.6
 145 34.5 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 20.439 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064053.D
 Acq: 9 Oct 2020 22:49

Tgt Ion:225 Resp: 28855
 Ion Ratio Lower Upper
 225 100
 223 57.0 30.3 91.0
 227 62.6 31.9 95.5

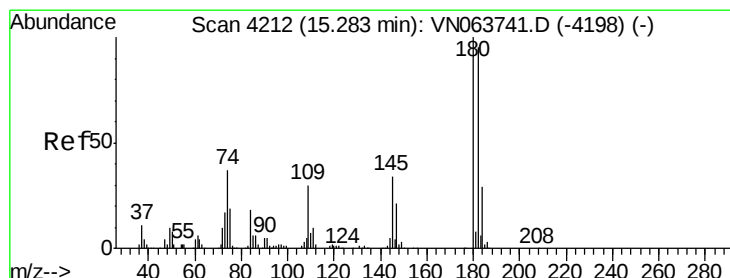
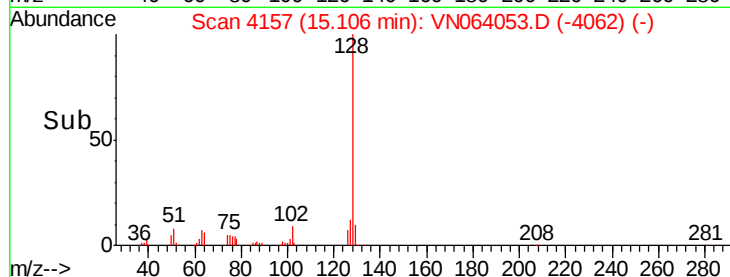
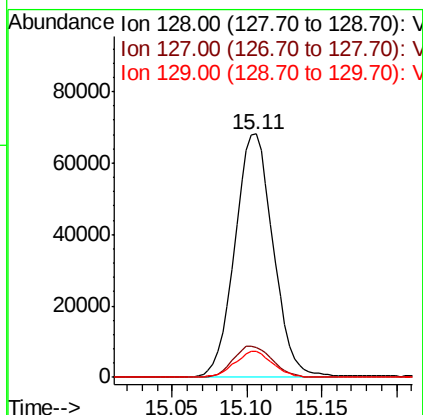
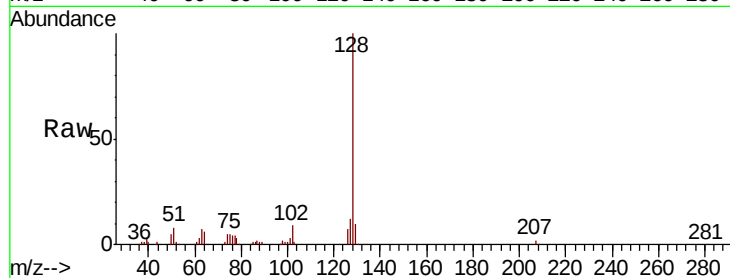




#95
Naphthalene
Concen: 15.252 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

Tot Ion:128 Resp: 121659
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.151 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064053.D
Acq: 9 Oct 2020 22:49

Tgt Ion:180 Resp: 44262
Ion Ratio Lower Upper
180 100
182 91.9 47.9 143.6
145 33.2 17.2 51.5

