

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063765.D
 Acq On : 1 Oct 2020 12:29
 Operator : JC/MD
 Sample : VN1001WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS01

Quant Time: Oct 02 02:12:44 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	7.62	168	255107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	434434	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	409148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189076	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	217826	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	
35) Dibromofluoromethane	7.55	113	150658	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
50) Toluene-d8	10.06	98	558456	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.38	95	206537	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	51849	19.262	ug/l	100
3) Chloromethane	2.04	50	58362	18.478	ug/l	99
4) Vinyl Chloride	2.16	62	59051	18.625	ug/l	97
5) Bromomethane	2.54	94	35952	18.028	ug/l	93
6) Chloroethane	2.68	64	37939	20.026	ug/l	96
7) Trichlorofluoromethane	2.99	101	98831	19.655	ug/l	98
8) Diethyl Ether	3.38	74	34122	20.065	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51581	19.193	ug/l	97
10) Methyl Iodide	3.91	142	56716	18.175	ug/l	99
11) Tert butyl alcohol	4.73	59	50177	107.838	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	50608	19.700	ug/l	95
13) Acrolein	3.57	56	27330	95.702	ug/l	93
14) Allyl chloride	4.28	41	96844	20.292	ug/l	95
15) Acrylonitrile	4.93	53	133983	100.596	ug/l	99
16) Acetone	3.78	43	133170	102.646	ug/l	99
17) Carbon Disulfide	4.01	76	133225	19.620	ug/l	97
18) Methyl Acetate	4.28	43	67021	19.896	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	188545	20.202	ug/l	99
20) Methylene Chloride	4.50	84	62033	20.932	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	54162	18.823	ug/l	99
22) Diisopropyl ether	5.90	45	200437	20.413	ug/l	91
23) Vinyl Acetate	5.85	43	825261	101.462	ug/l	99
24) 1,1-Dichloroethane	5.80	63	111425	19.847	ug/l	98
25) 2-Butanone	6.79	43	194119	105.536	ug/l	99
26) 2,2-Dichloropropane	6.78	77	98677	19.193	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	65590	19.820	ug/l	100
28) Bromochloromethane	7.15	49	65563	23.628	ug/l	97
29) Tetrahydrofuran	7.16	42	126620	102.639	ug/l	99
30) Chloroform	7.33	83	117207	20.022	ug/l	98
31) Cyclohexane	7.61	56	92029	18.809	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	105041	19.894	ug/l	99
36) 1,1-Dichloropropene	7.75	75	81409	18.497	ug/l	98
37) Ethyl Acetate	6.88	43	81014	18.527	ug/l	99
38) Carbon Tetrachloride	7.73	117	91082	18.455	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	78098	17.794	ug/l	99
40) Benzene	8.00	78	238741	18.991	ug/l	100
41) Methacrylonitrile	7.17	41	125752	64.707	ug/l #	23
42) 1,2-Dichloroethane	8.09	62	103599	19.306	ug/l	100
43) Isopropyl Acetate	8.13	43	144795	20.075	ug/l	98
44) Trichloroethene	8.80	130	61988	18.820	ug/l	96
45) 1,2-Dichloropropane	9.08	63	65027	19.154	ug/l	98
46) Dibromomethane	9.18	93	45016	19.221	ug/l	96
47) Bromodichloromethane	9.37	83	93656	19.403	ug/l	97
48) Methyl methacrylate	9.16	41	69461	19.493	ug/l	98
49) 1,4-Dioxane	9.16	88	18760	370.424	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	423967	100.166	ug/l	100
52) Toluene	10.13	92	150271	19.326	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	100198	19.365	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	104804	19.368	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	60731	19.476	ug/l	98
56) Ethyl methacrylate	10.40	69	85769	19.405	ug/l	100
57) 1,3-Dichloropropane	10.68	76	104909	19.886	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	242542	102.584	ug/l	99
59) 2-Hexanone	10.72	43	306128	97.360	ug/l	99
60) Dibromochloromethane	10.87	129	66622	18.345	ug/l	99
61) 1,2-Dibromoethane	10.98	107	61092	19.152	ug/l	98
64) Tetrachloroethene	10.60	164	56057	17.709	ug/l	97
65) Chlorobenzene	11.41	112	162495	19.361	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	62943	19.562	ug/l	99
67) Ethyl Benzene	11.48	91	291391	19.080	ug/l	99
68) m/p-Xylenes	11.60	106	214617	37.706	ug/l	99
69) o-Xylene	11.92	106	101449	19.069	ug/l	98
70) Styrene	11.94	104	175217	19.403	ug/l	97
71) Bromoform	12.10	173	45014	18.292	ug/l #	99
73) Isopropylbenzene	12.23	105	277597	20.129	ug/l	98
74) N-amyl acetate	12.05	43	117914	19.796	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	86120	20.421	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	120699	28.959	ug/l #	100
77) Bromobenzene	12.50	156	66462	19.640	ug/l	95
78) n-propylbenzene	12.57	91	311152	19.386	ug/l	100
79) 2-Chlorotoluene	12.65	91	196895	19.947	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	226314	19.560	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	29255	20.216	ug/l	99
82) 4-Chlorotoluene	12.75	91	202883	19.799	ug/l	100
83) tert-Butylbenzene	12.97	119	179671	18.985	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	225772	19.545	ug/l	96
85) sec-Butylbenzene	13.15	105	237523	19.108	ug/l	100
86) p-Isopropyltoluene	13.26	119	210856	19.175	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	118648	19.380	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	119545	18.754	ug/l	99
89) n-Butylbenzene	13.59	91	182288	17.960	ug/l	98
90) Hexachloroethane	13.85	117	40003	18.773	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	114488	18.881	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19404	19.620	ug/l	96

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
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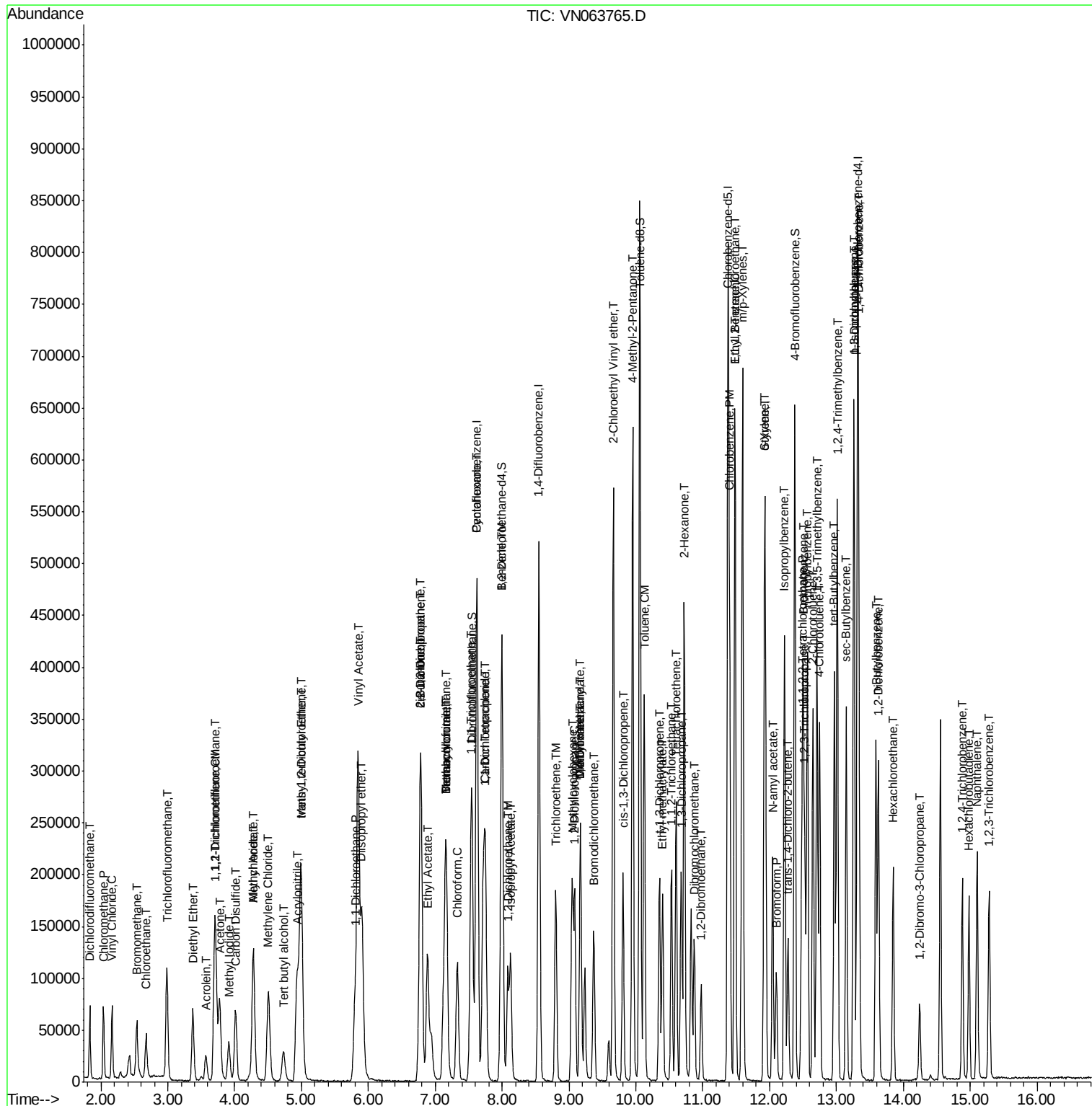
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	54626	17.728	ug/l	99
94) Hexachlorobutadiene	14.98	225	29809	18.173	ug/l	97
95) Naphthalene	15.10	128	180411	18.927	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	54423	18.052	ug/l	98

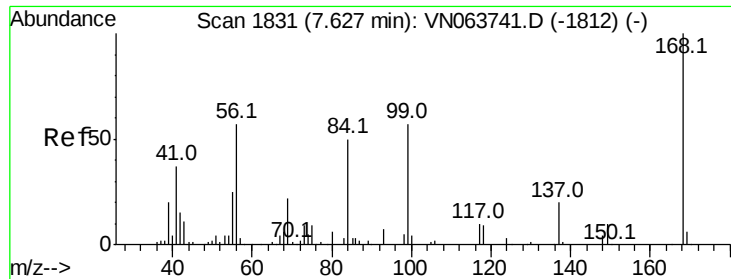
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

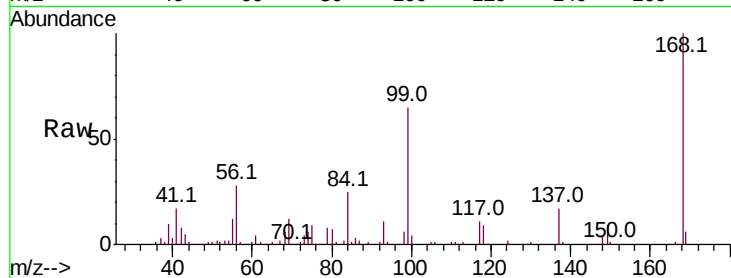
VN1001WBS01

Tot Ion:168 Resp: 255107

Ion Ratio Lower Upper

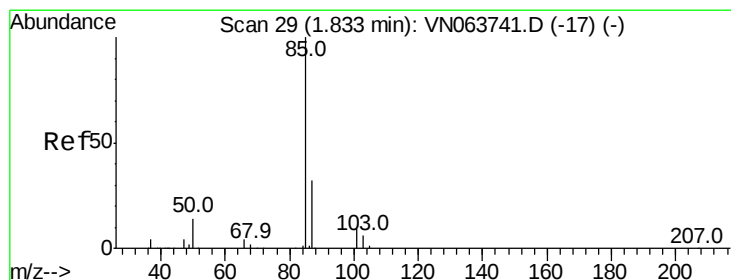
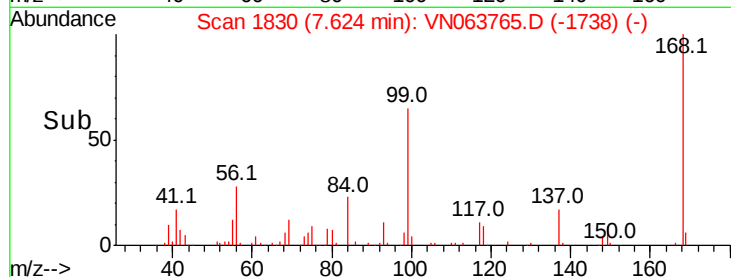
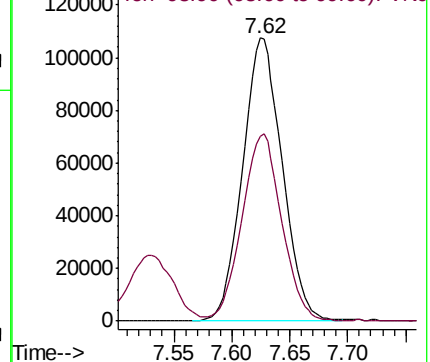
168 100

99 65.0 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 19.262 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063765.D

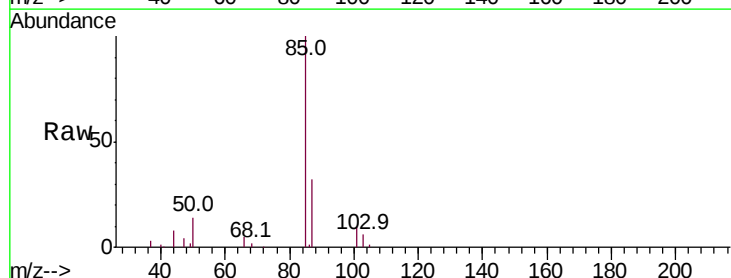
Acq: 1 Oct 2020 12:29

Tgt Ion: 85 Resp: 51849

Ion Ratio Lower Upper

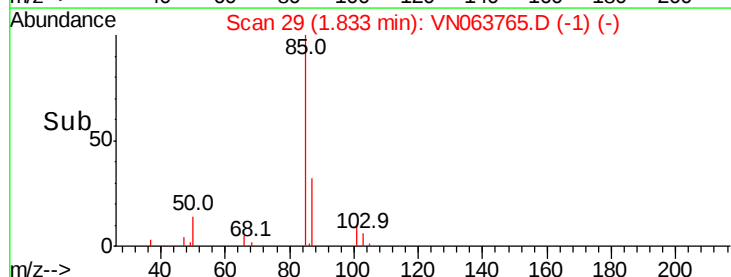
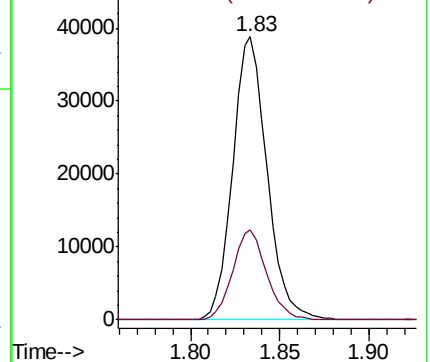
85 100

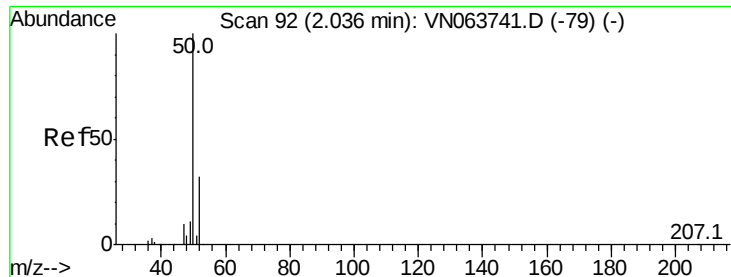
87 31.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 18.478 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

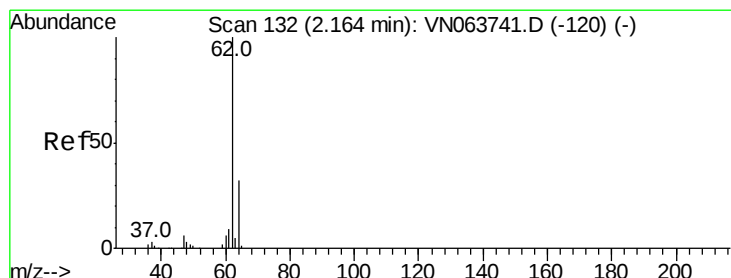
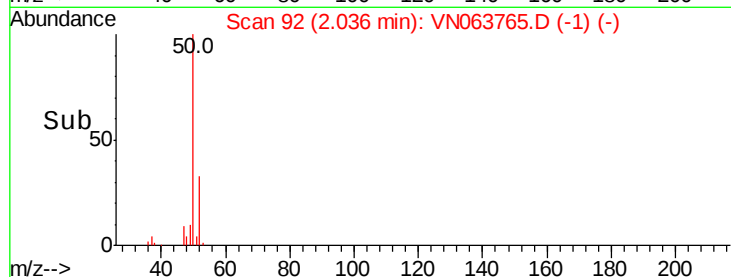
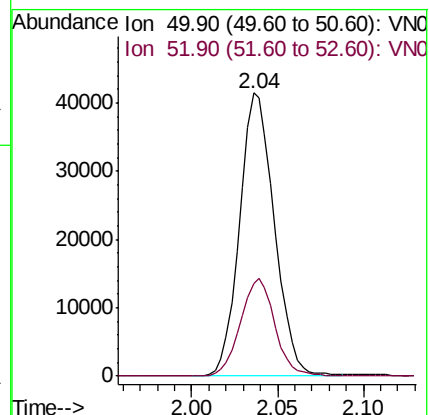
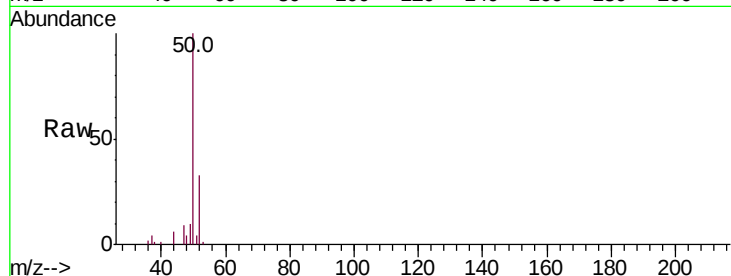
VN1001WBS01

Tot Ion: 50 Resp: 58362

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.8



#4

Vinyl Chloride

Concen: 18.625 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063765.D

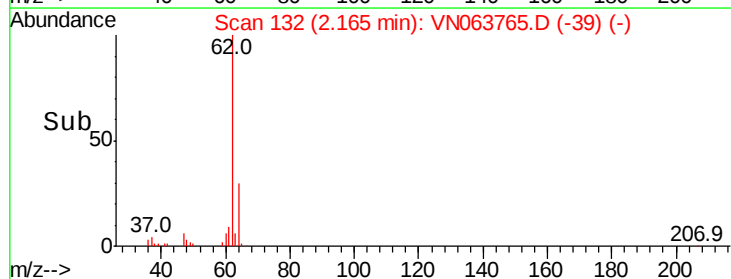
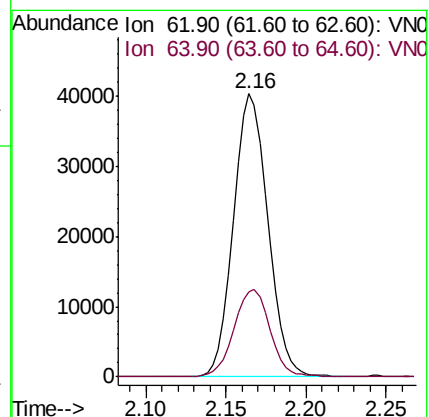
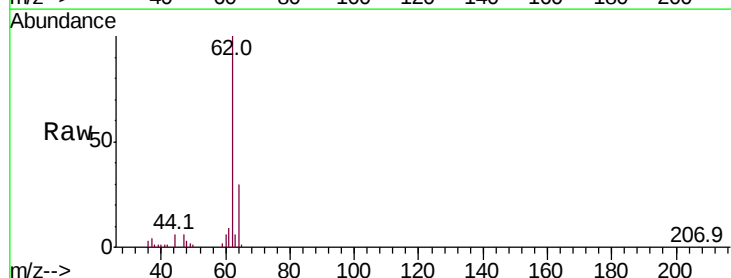
Acq: 1 Oct 2020 12:29

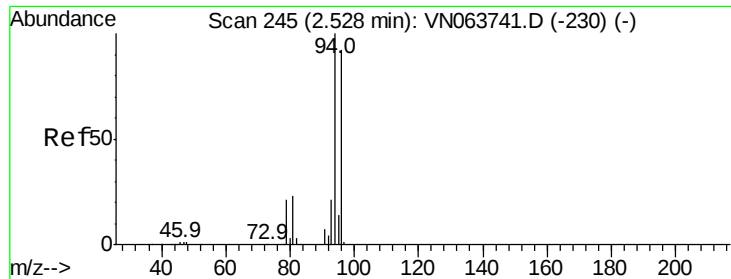
Tgt Ion: 62 Resp: 59051

Ion Ratio Lower Upper

62 100

64 30.2 25.6 38.4





#5

Bromomethane

Concen: 18.028 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

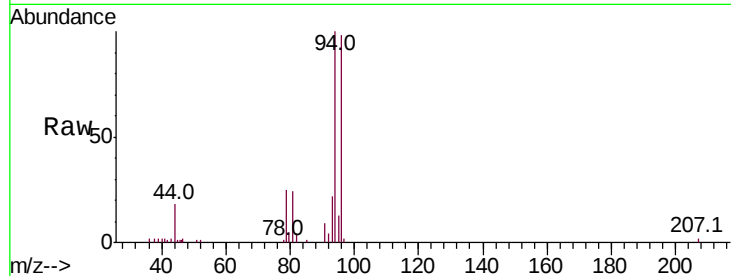
VN1001WBS01

Tot Ion: 94 Resp: 35952

Ion Ratio Lower Upper

94 100

96 98.2 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) (-)

20000

15000

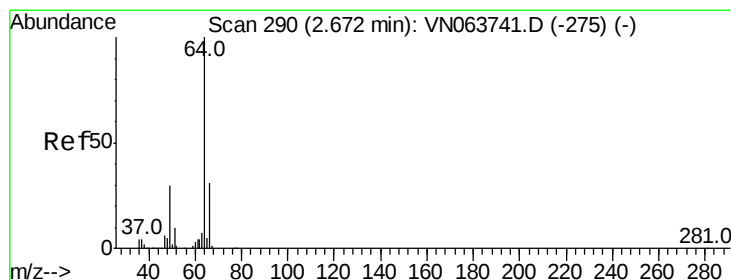
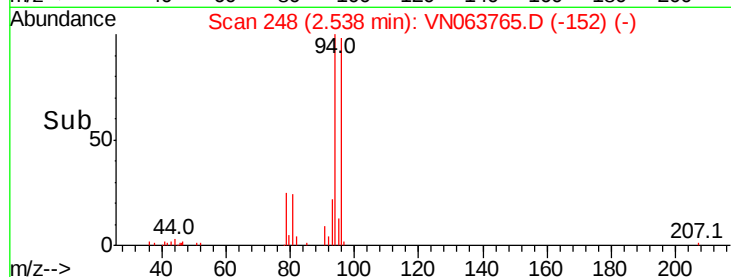
10000

5000

0

2.45 2.50 2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 20.026 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063765.D

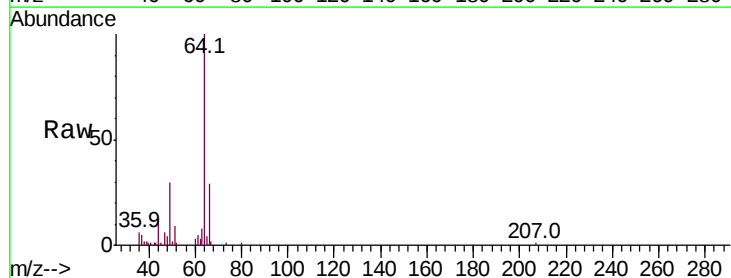
Acq: 1 Oct 2020 12:29

Tgt Ion: 64 Resp: 37939

Ion Ratio Lower Upper

64 100

66 28.9 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) (-)

20000

15000

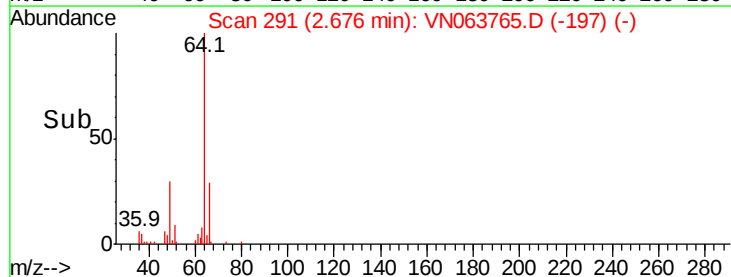
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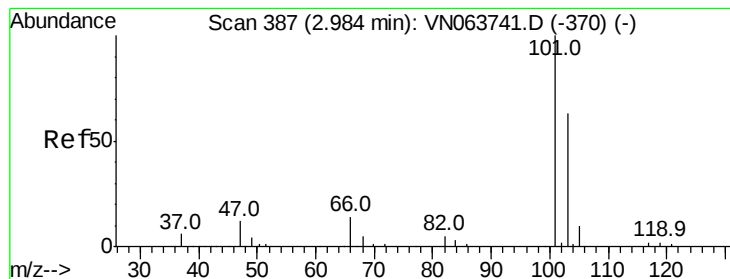
5000

0

2.60 2.65 2.70 2.75

Time-->



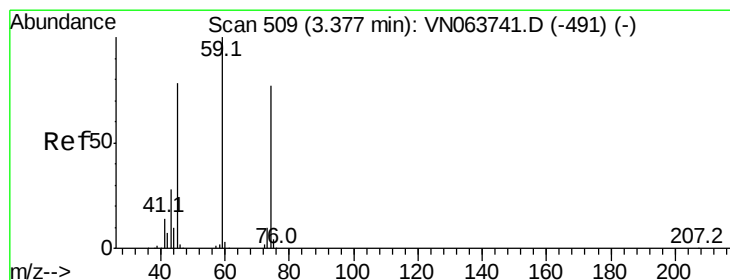
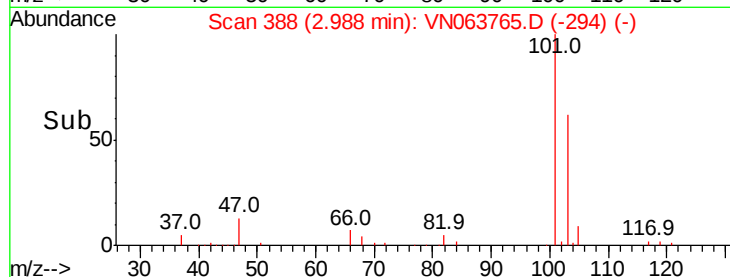
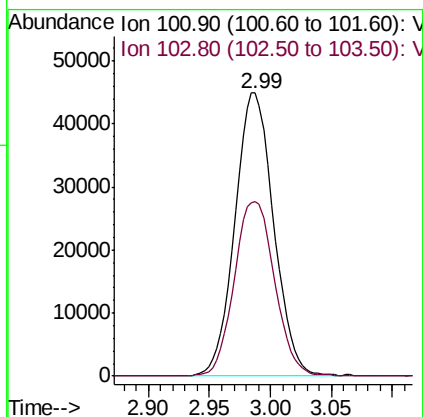
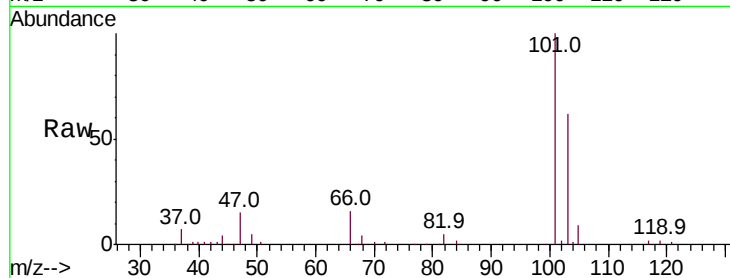


#7

Trichlorofluoromethane
 Concen: 19.655 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063765.D
 Acq: 1 Oct 2020 12:29

Instrument :
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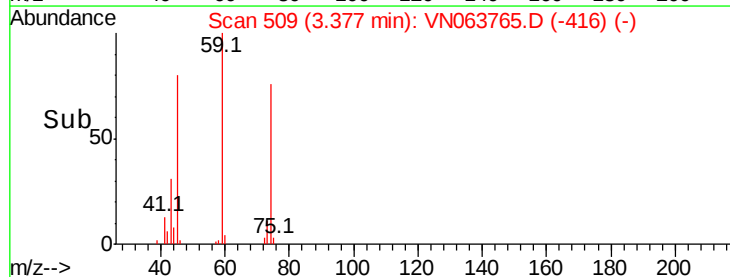
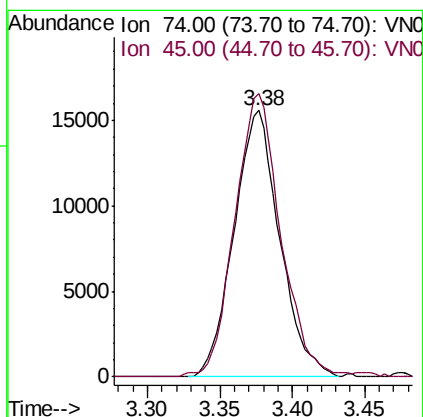
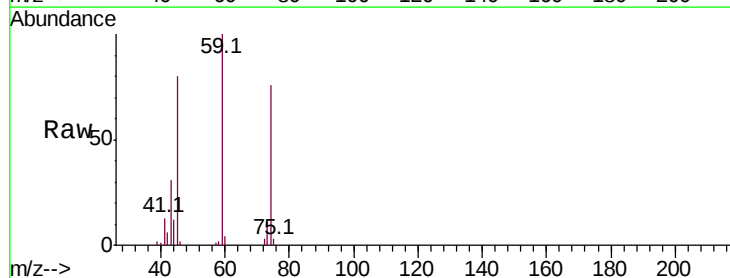
Tot Ion:101 Resp: 98831
 Ion Ratio Lower Upper
 101 100
 103 61.9 50.7 76.1

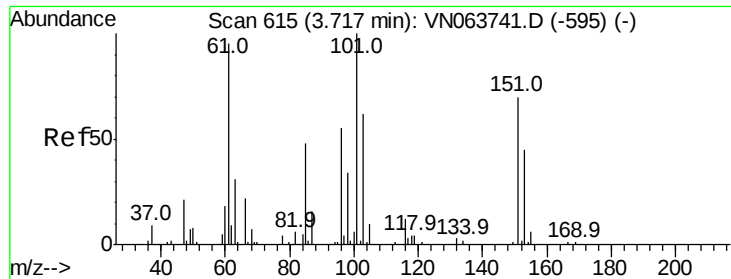


#8

Diethyl Ether
 Concen: 20.065 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063765.D
 Acq: 1 Oct 2020 12:29

Tgt Ion: 74 Resp: 34122
 Ion Ratio Lower Upper
 74 100
 45 107.2 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.193 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

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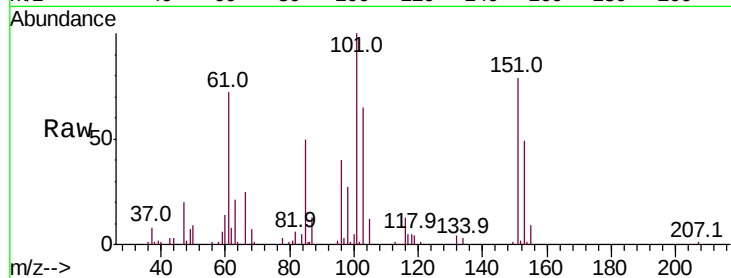
Tot Ion:101 Resp: 51581

Ion Ratio Lower Upper

101 100

85 50.2 38.6 58.0

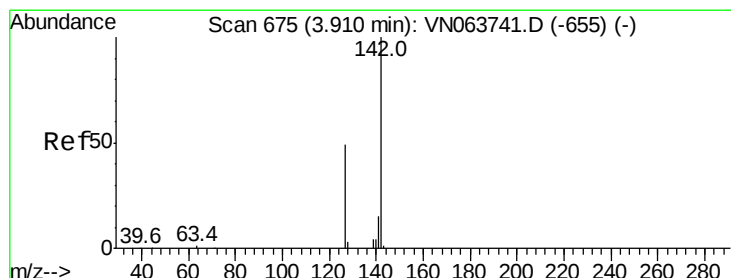
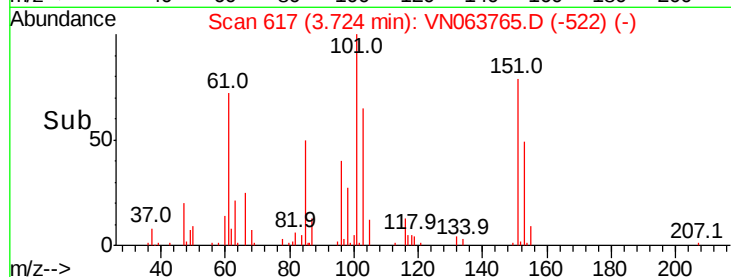
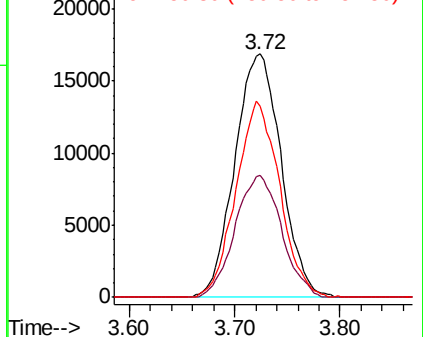
151 75.7 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.175 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

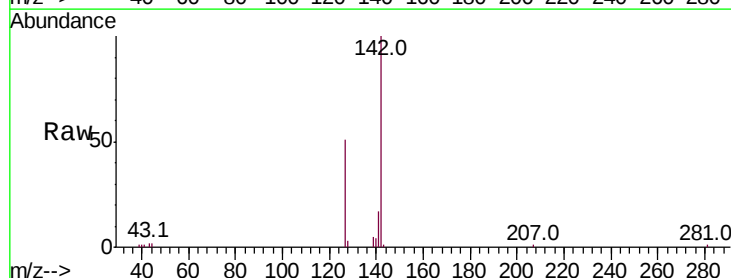
Tgt Ion:142 Resp: 56716

Ion Ratio Lower Upper

142 100

127 51.5 40.5 60.7

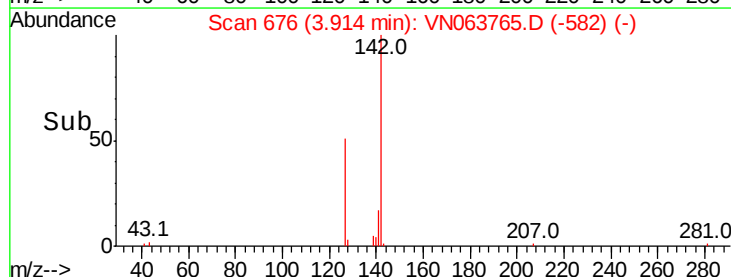
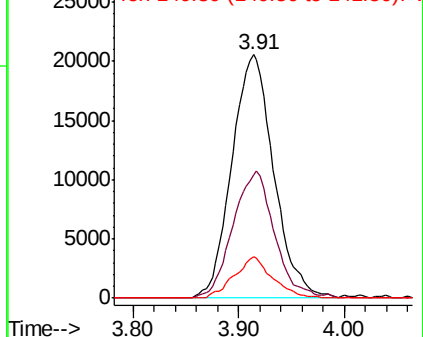
141 15.5 11.7 17.5

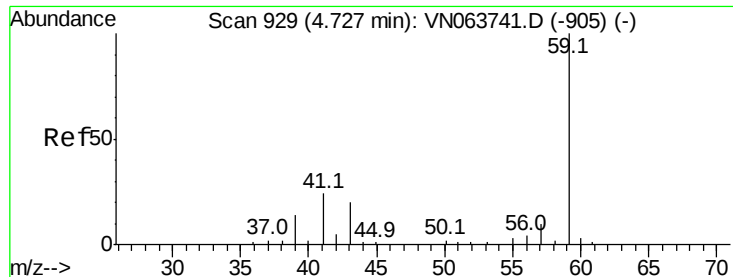


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

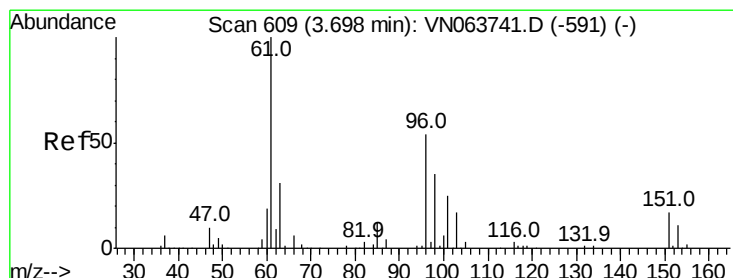
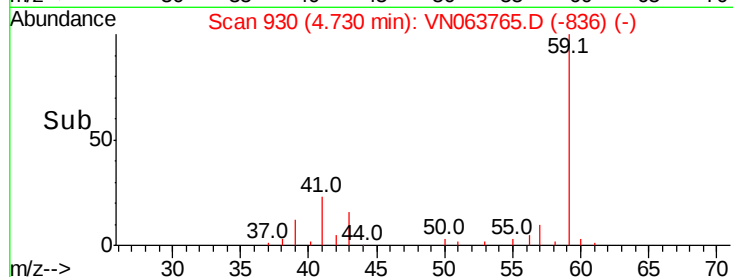
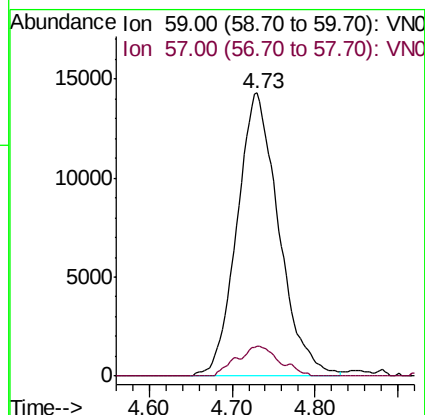
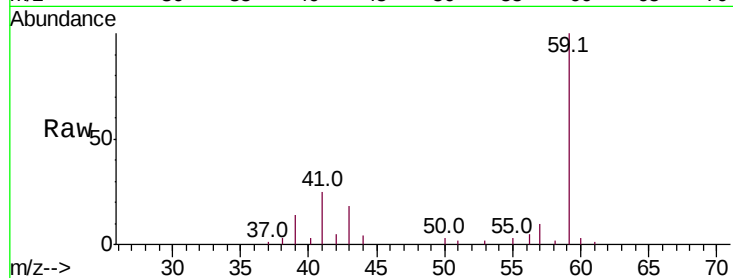




#11
Tert butyl alcohol
Concen: 107.838 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

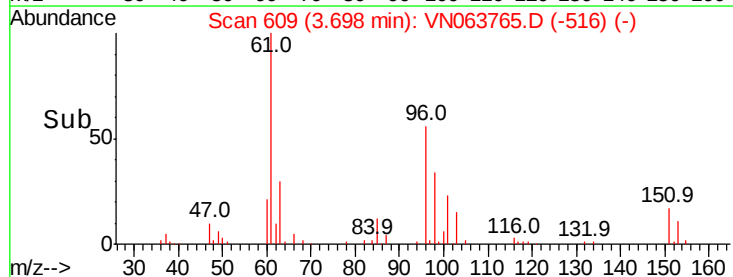
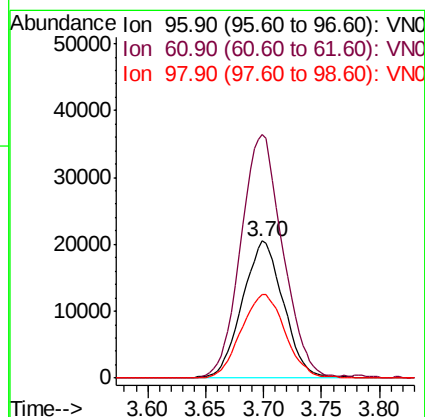
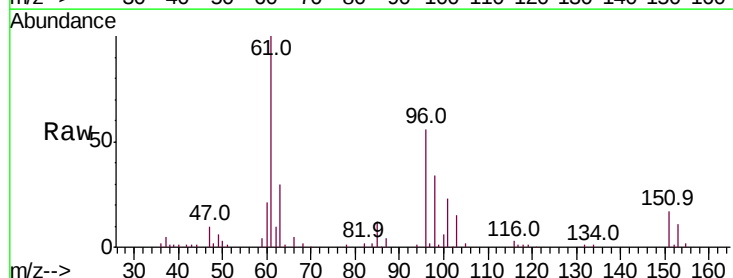
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS01

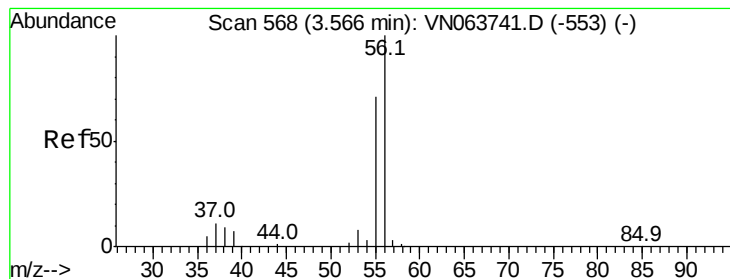
Tot Ion: 59 Resp: 50177
Ion Ratio Lower Upper
59 100
57 4.7 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 19.700 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

Tgt Ion: 96 Resp: 50608
Ion Ratio Lower Upper
96 100
61 177.9 147.7 221.5
98 61.3 51.9 77.9





#13

Acrolein

Concen: 95.702 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

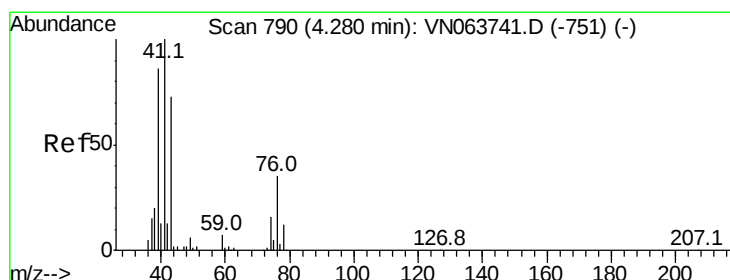
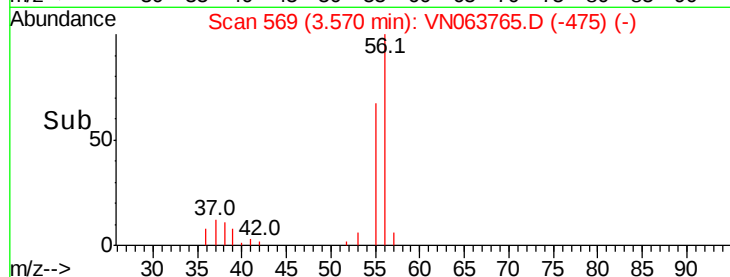
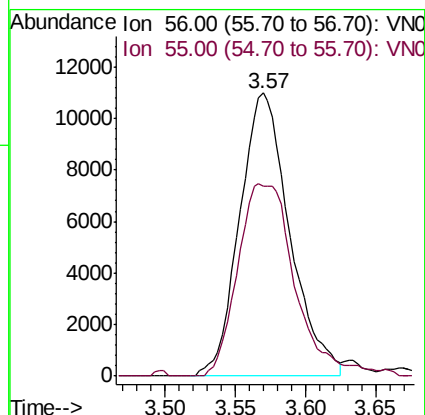
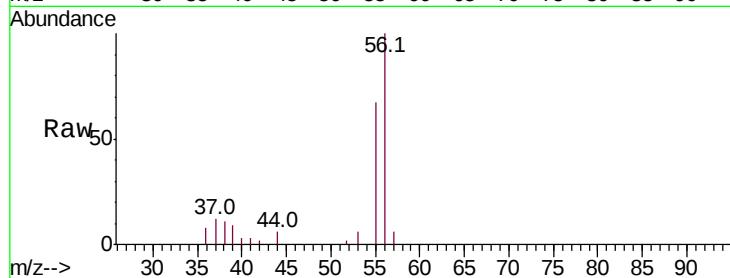
VN1001WBS01

Tot Ion: 56 Resp: 27330

Ion Ratio Lower Upper

56 100

55 77.1 56.9 85.3



#14

Allyl chloride

Concen: 20.292 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

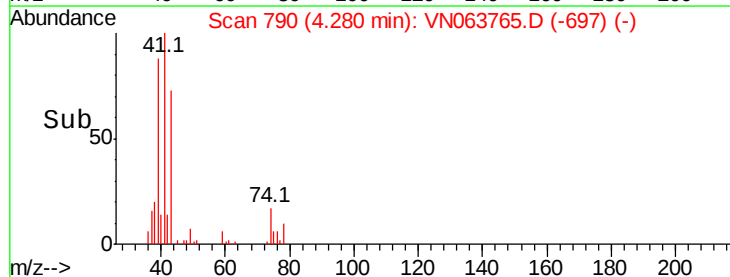
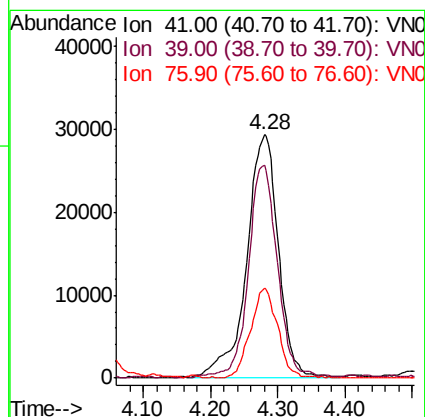
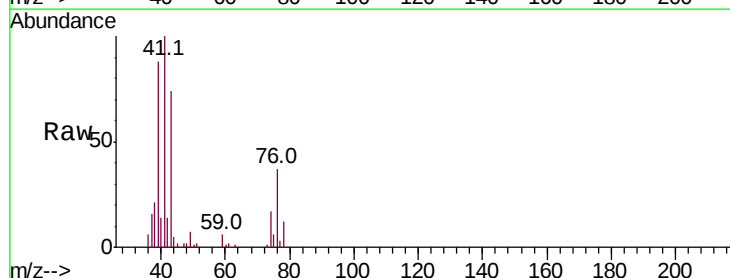
Tgt Ion: 41 Resp: 96844

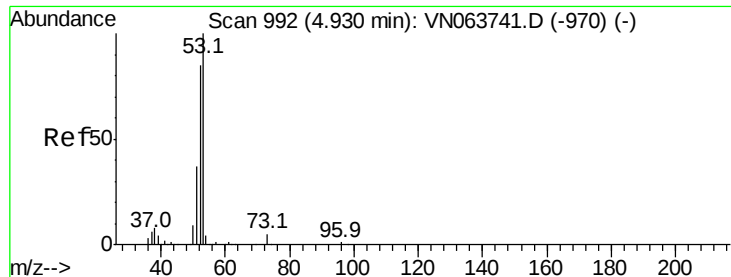
Ion Ratio Lower Upper

41 100

39 75.7 64.5 96.7

76 31.2 25.9 38.9





#15

Acrylonitrile

Concen: 100.596 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS01

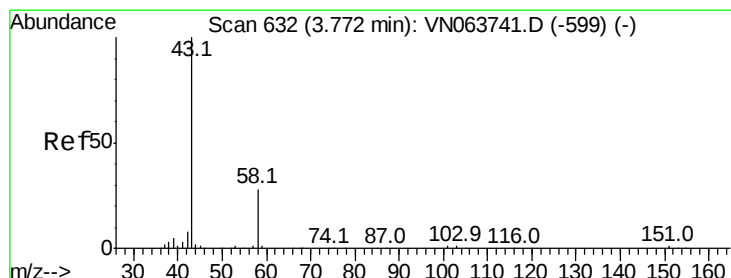
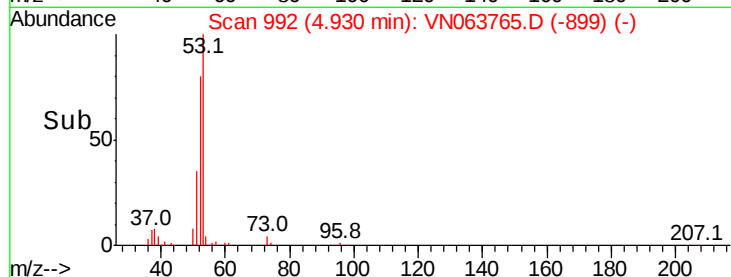
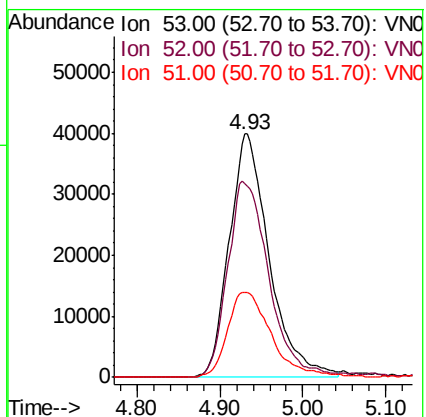
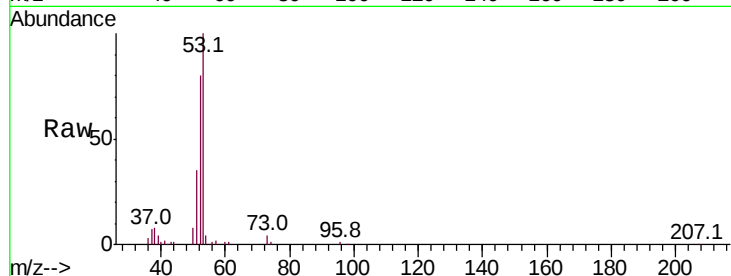
Tot Ion: 53 Resp: 133983

Ion Ratio Lower Upper

53 100

52 83.4 66.5 99.7

51 38.2 29.9 44.9



#16

Acetone

Concen: 102.646 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063765.D

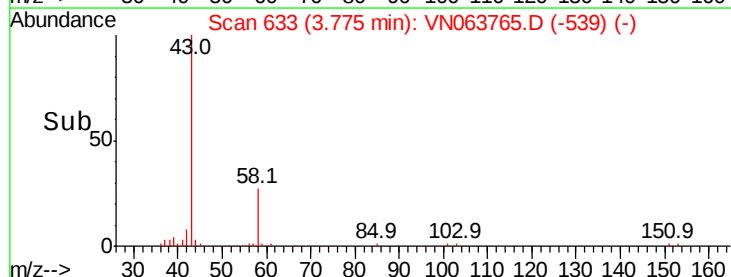
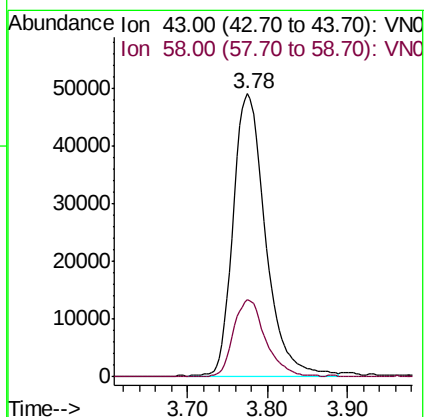
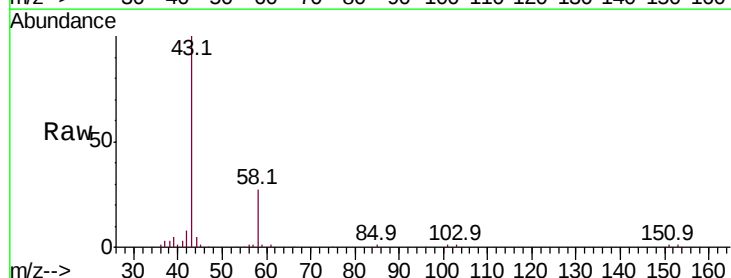
Acq: 1 Oct 2020 12:29

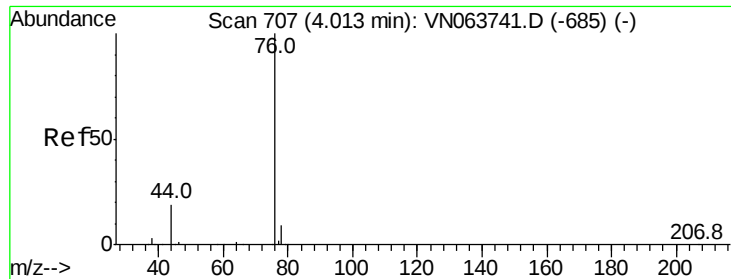
Tgt Ion: 43 Resp: 133170

Ion Ratio Lower Upper

43 100

58 27.3 22.3 33.5

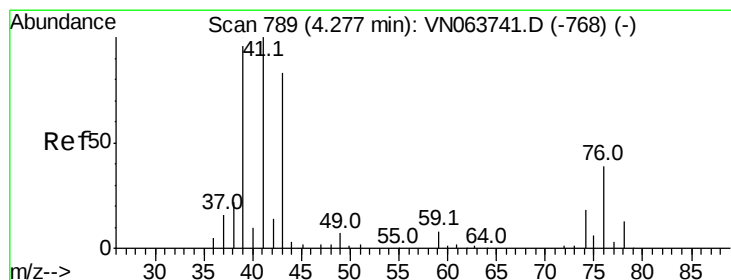
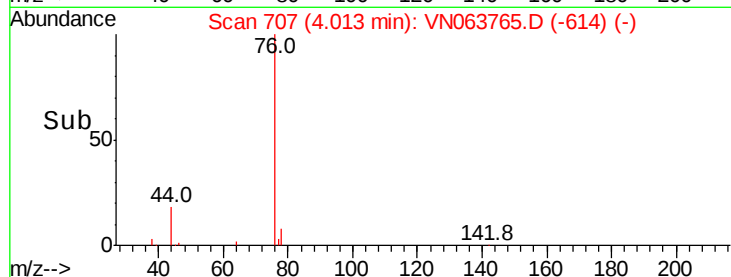
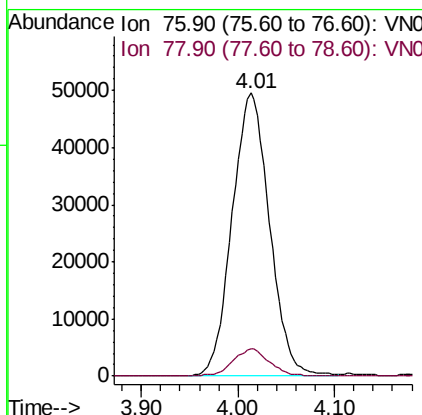
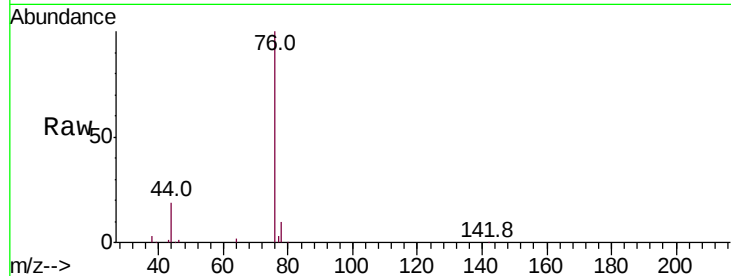




#17
Carbon Disulfide
Concen: 19.620 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

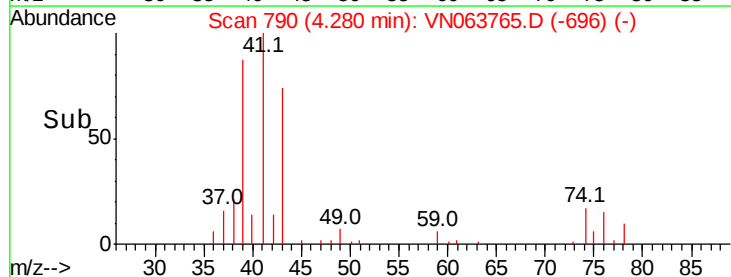
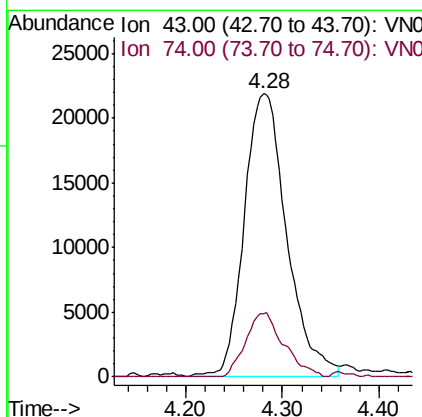
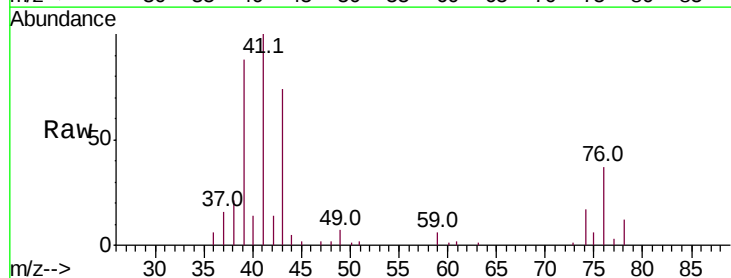
Instrument :
MSVOA_N
ClientSampled :
VN1001WBS01

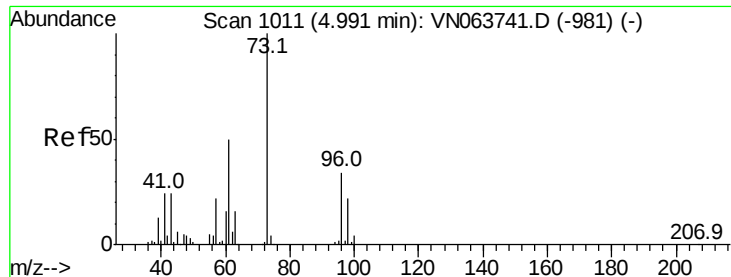
Tot Ion: 76 Resp: 133225
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4



#18
Methyl Acetate
Concen: 19.896 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

Tgt Ion: 43 Resp: 67021
Ion Ratio Lower Upper
43 100
74 20.3 17.4 26.2

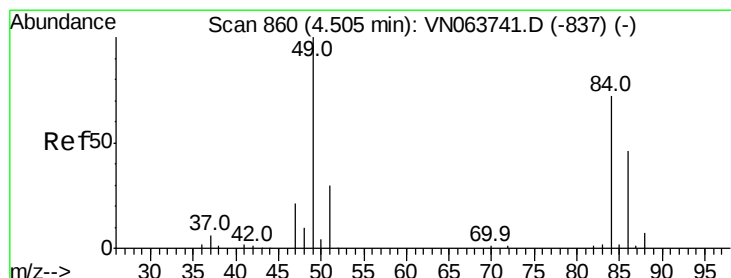
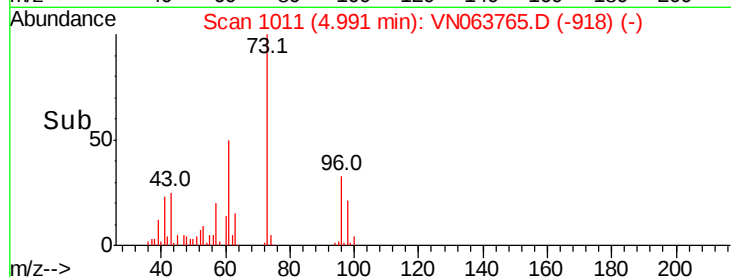
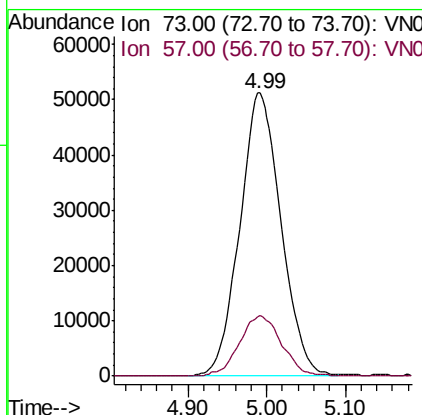
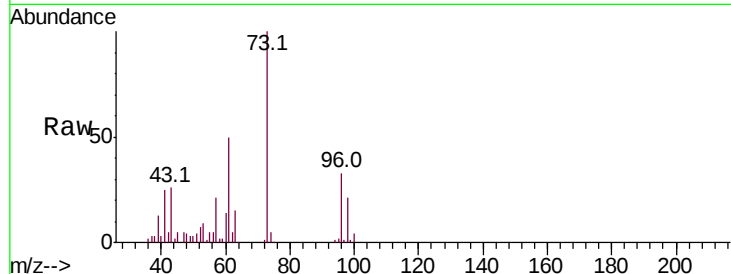




#19
Methyl tert-butyl Ether
Concen: 20.202 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

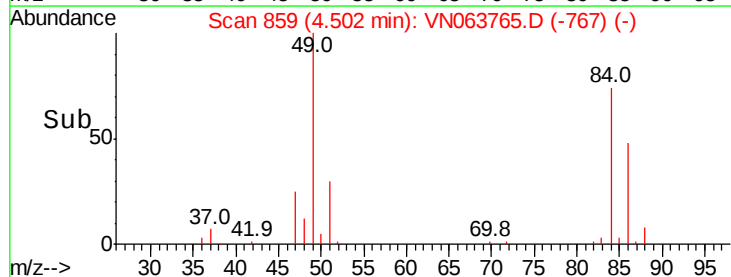
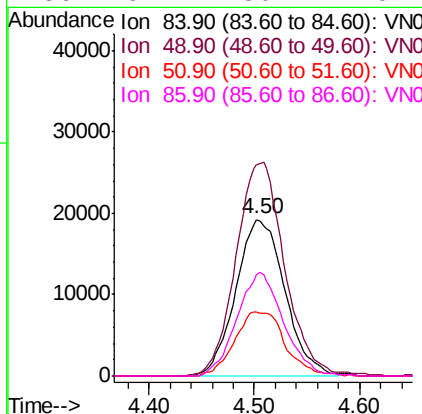
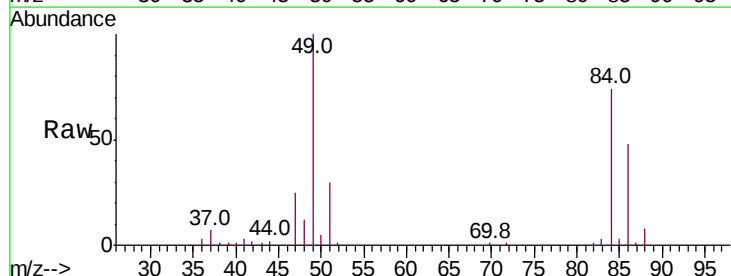
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS01

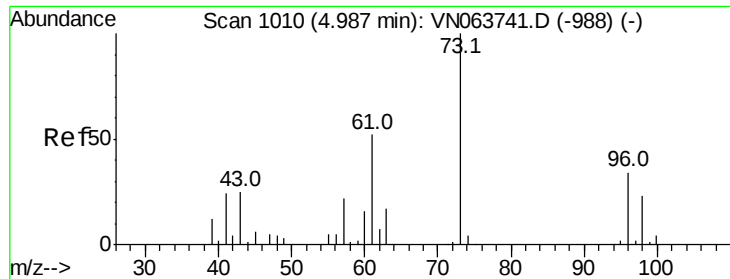
Tot Ion: 73 Resp: 188545
Ion Ratio Lower Upper
73 100
57 21.4 17.6 26.4



#20
Methylene Chloride
Concen: 20.932 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

Tgt Ion: 84 Resp: 62033
Ion Ratio Lower Upper
84 100
49 133.8 110.4 165.6
51 40.5 33.3 49.9
86 64.7 50.7 76.1

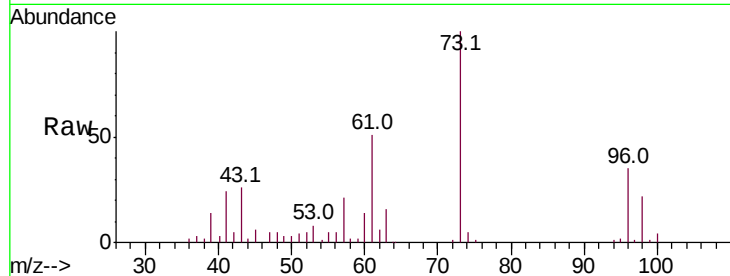




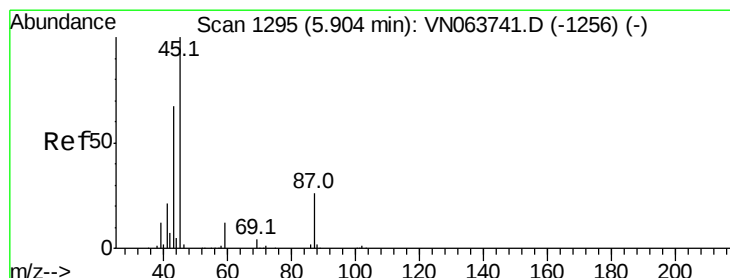
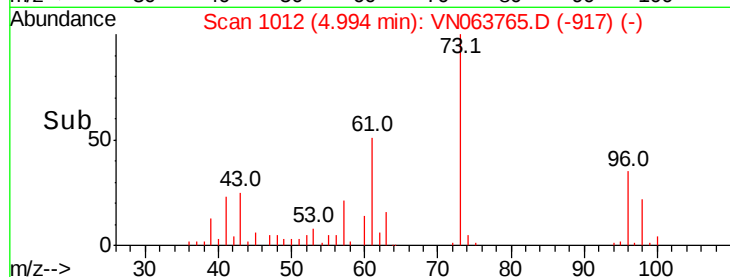
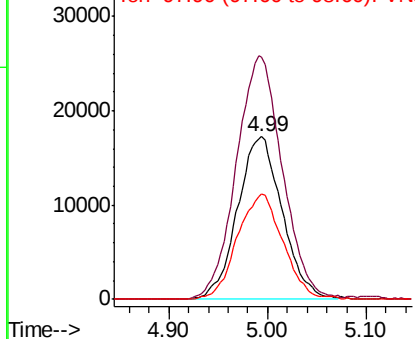
#21
trans-1,2-Dichloroethene
Concen: 18.823 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

Instrument :
MSVOA_N
ClientSampled :
VN1001WBS01

Tot Ion: 96 Resp: 54162
Ion Ratio Lower Upper
96 100
61 149.3 120.2 180.2
98 64.8 52.6 79.0

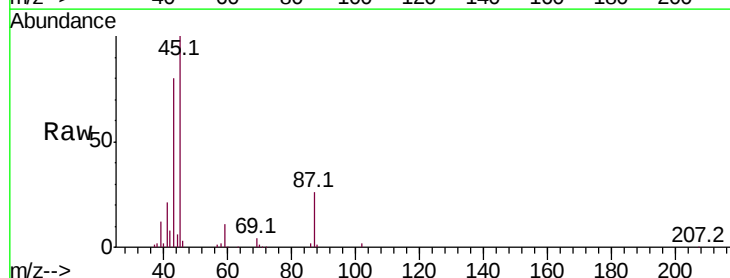


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

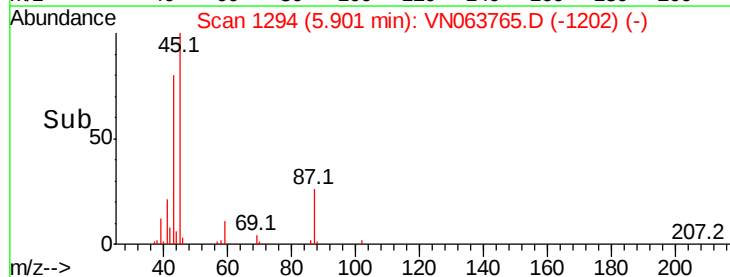
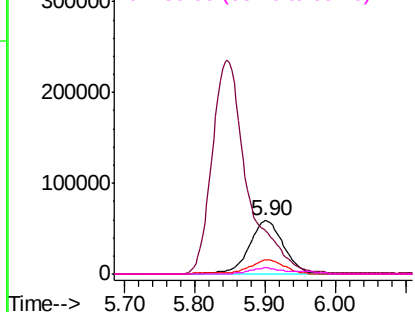


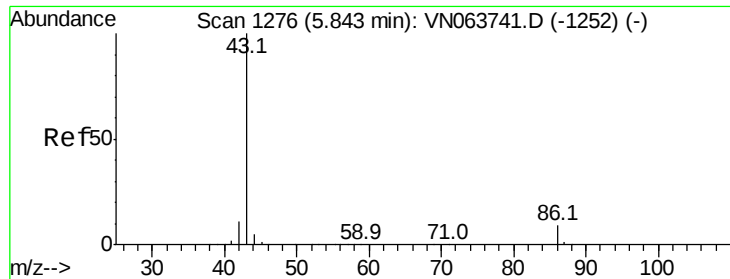
#22
Diisopropyl ether
Concen: 20.413 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

Tgt Ion: 45 Resp: 200437
Ion Ratio Lower Upper
45 100
43 77.5 53.7 80.5
87 26.2 21.1 31.7
59 10.7 9.2 13.8



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

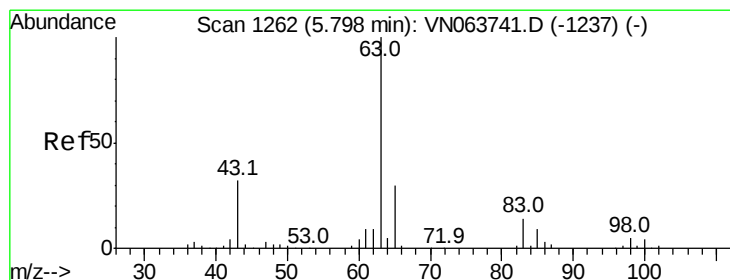
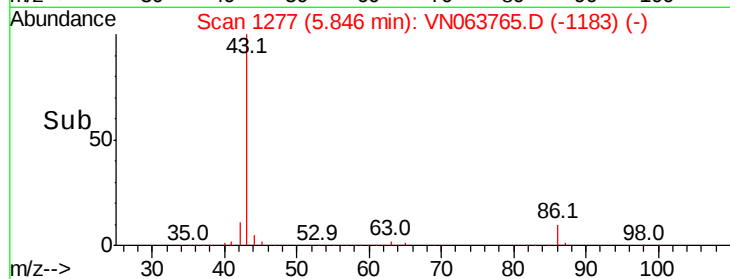
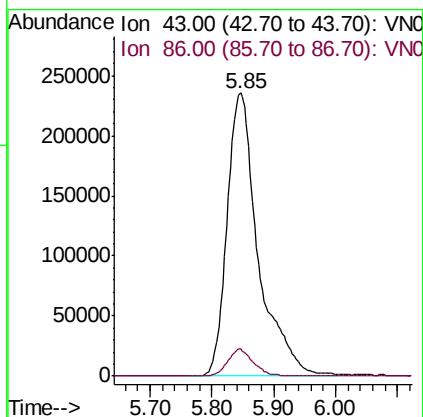
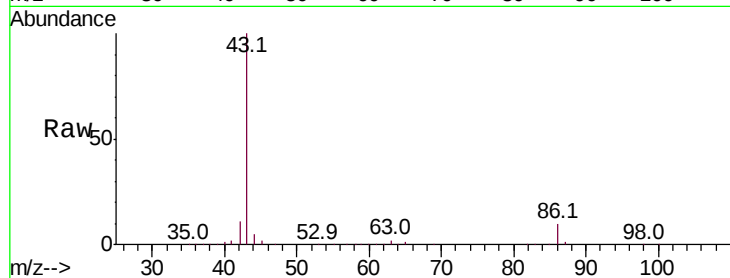




#23
 Vinyl Acetate
 Concen: 101.462 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063765.D
 Acq: 1 Oct 2020 12:29

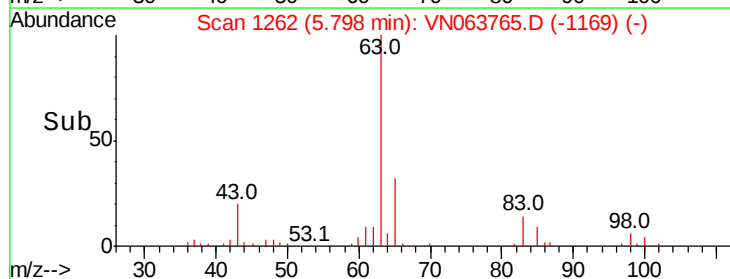
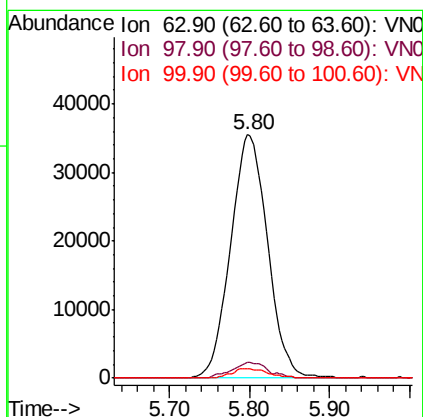
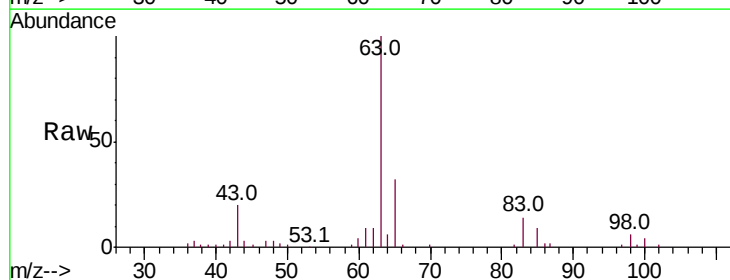
Instrument :
 MSVOA_N
 ClientSampled :
 VN1001WBS01

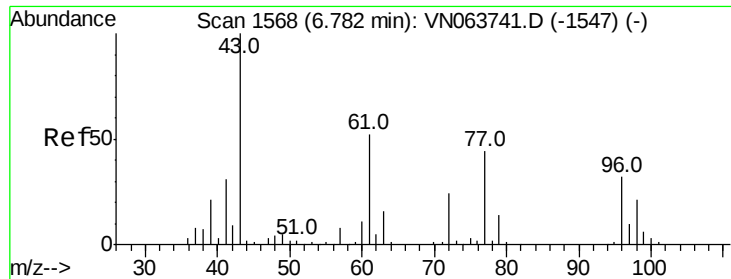
Tot Ion: 43 Resp: 825261
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 19.847 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN063765.D
 Acq: 1 Oct 2020 12:29

Tgt Ion: 63 Resp: 111425
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.7 8.1
 100 3.8 1.9 5.7

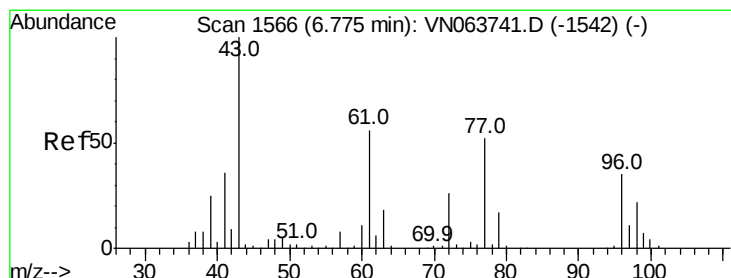
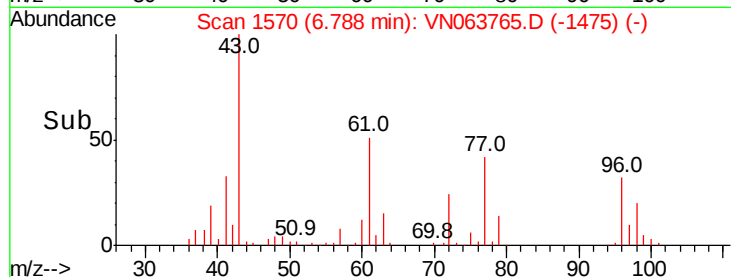
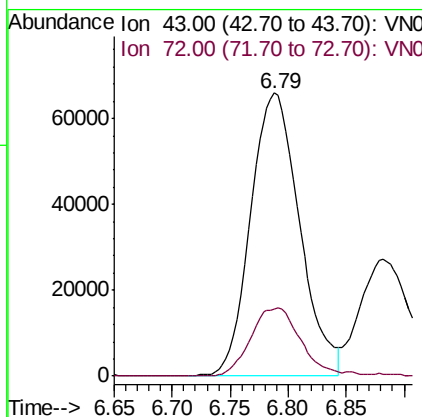
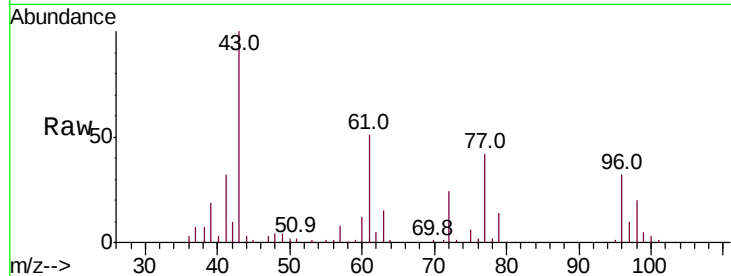




#25
2-Butanone
Concen: 105.536 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

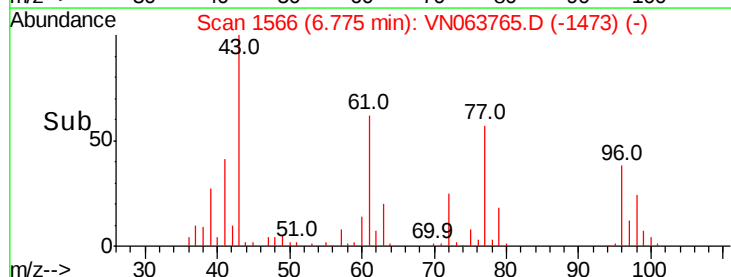
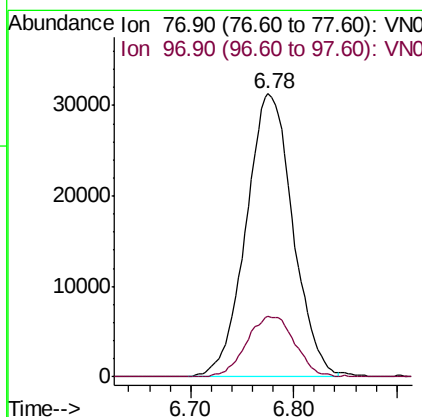
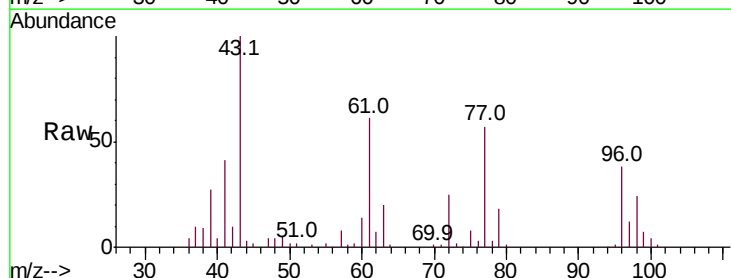
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS01

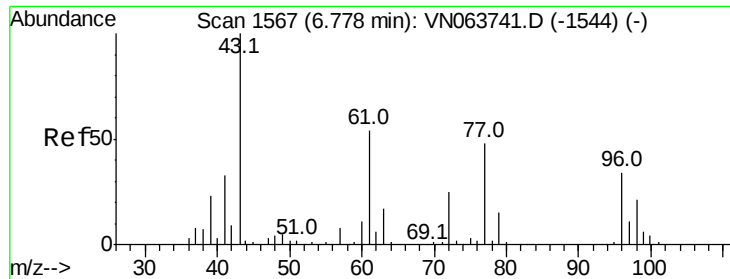
Tot Ion: 43 Resp: 194119
Ion Ratio Lower Upper
43 100
72 23.5 19.3 28.9



#26
2,2-Dichloropropane
Concen: 19.193 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

Tgt Ion: 77 Resp: 98677
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.820 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS01

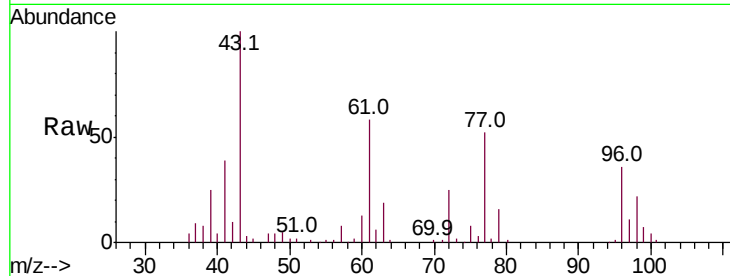
Tot Ion: 96 Resp: 65590

Ion Ratio Lower Upper

96 100

61 160.2 0.0 321.2

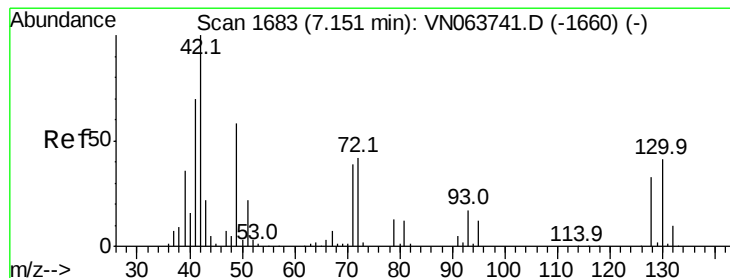
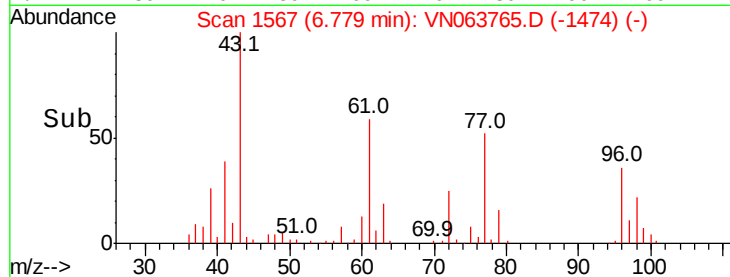
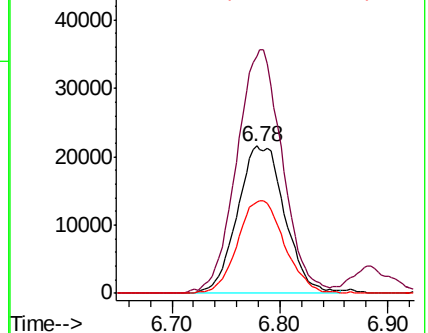
98 62.2 0.0 124.4



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



#28

Bromochloromethane

Concen: 23.628 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

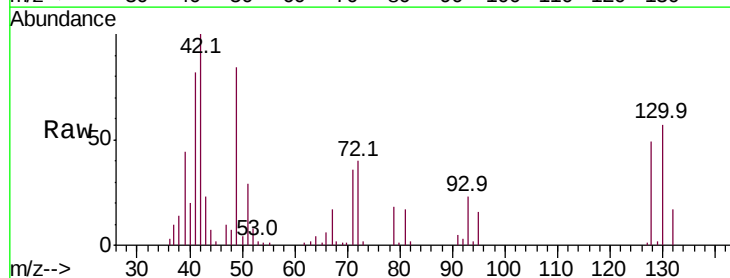
Tgt Ion: 49 Resp: 65563

Ion Ratio Lower Upper

49 100

129 0.6 0.0 4.8

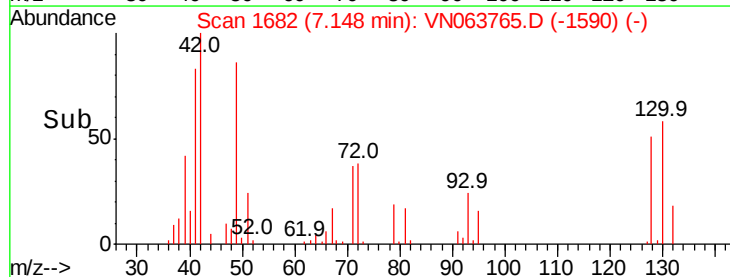
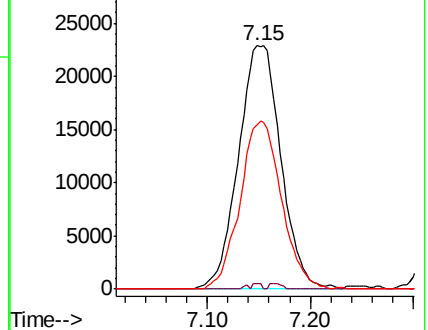
130 67.2 55.6 83.4

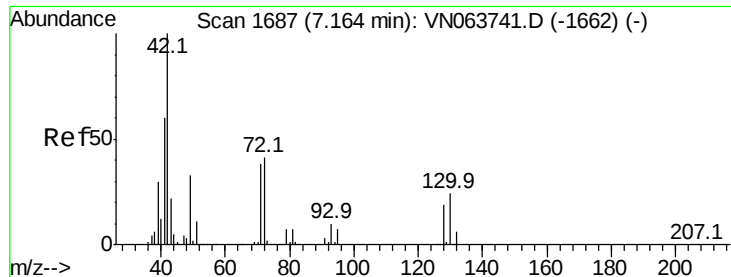


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 102.639 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampled :

VN1001WBS01

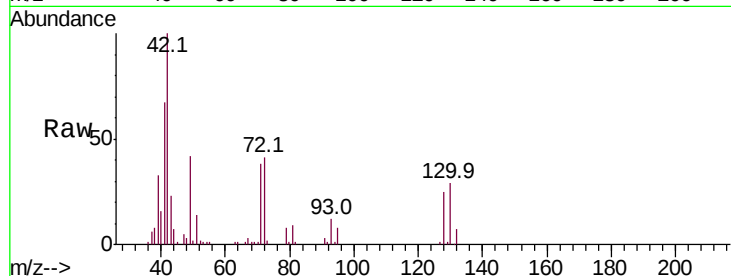
Tot Ion: 42 Resp: 126620

Ion Ratio Lower Upper

42 100

72 40.1 32.8 49.2

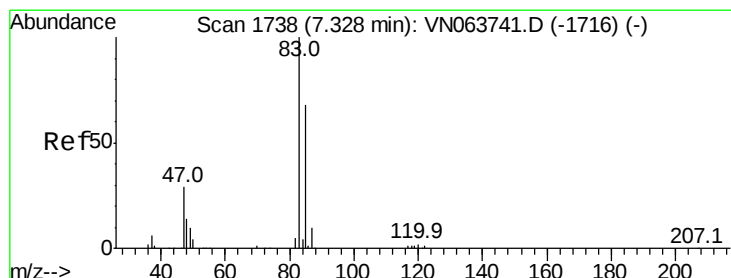
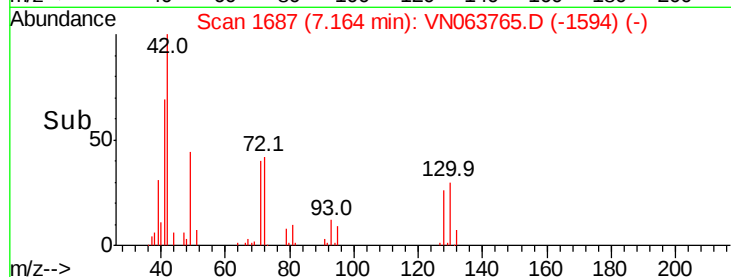
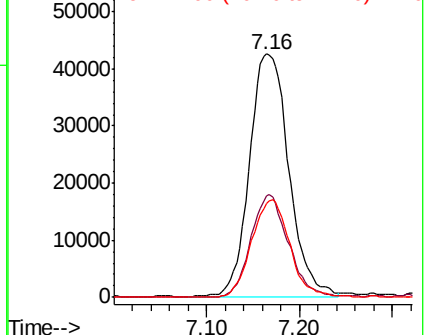
71 38.7 30.6 45.8



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: 20.022 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063765.D

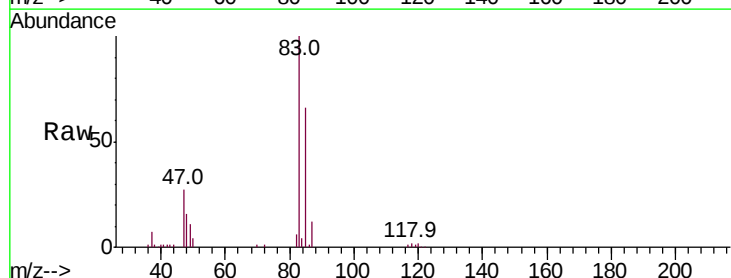
Acq: 1 Oct 2020 12:29

Tgt Ion: 83 Resp: 117207

Ion Ratio Lower Upper

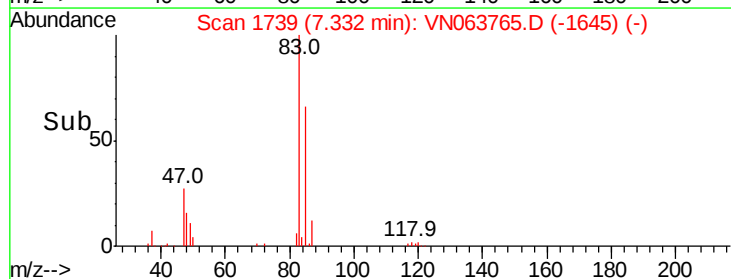
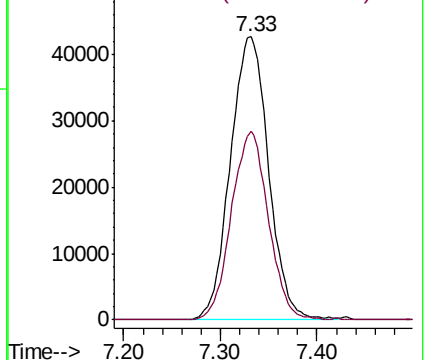
83 100

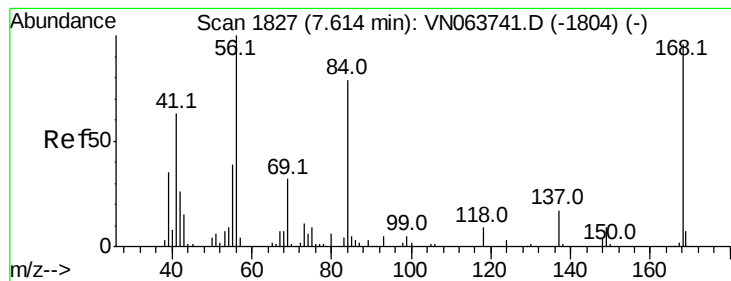
85 66.5 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.809 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS01

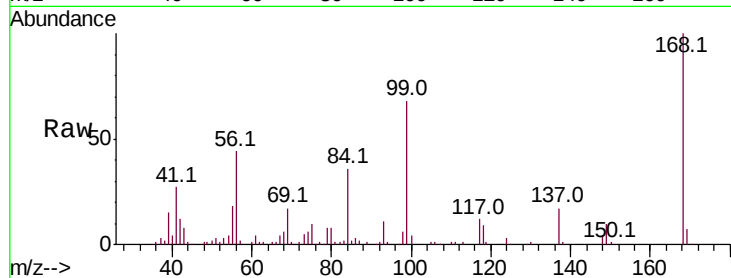
Tot Ion: 56 Resp: 92029

Ion Ratio Lower Upper

56 100

69 38.4 25.4 38.2#

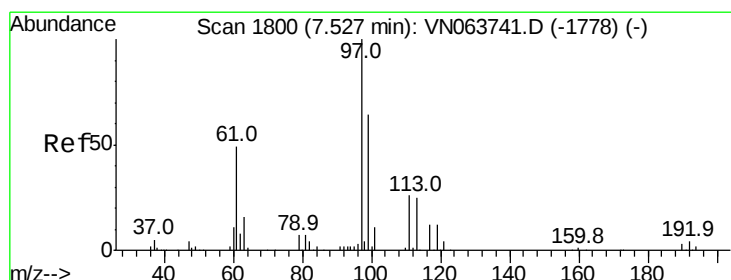
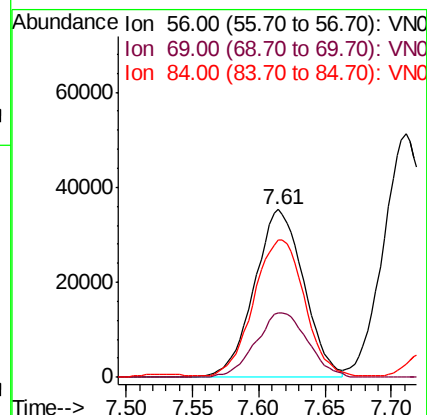
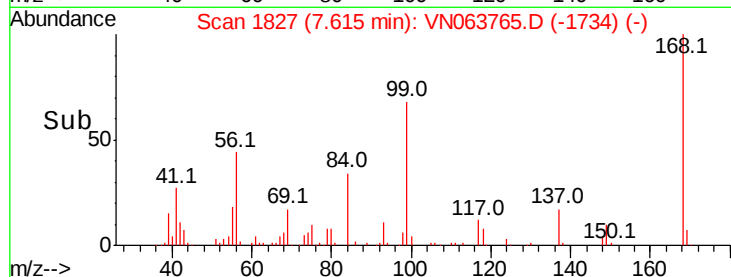
84 81.3 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.894 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

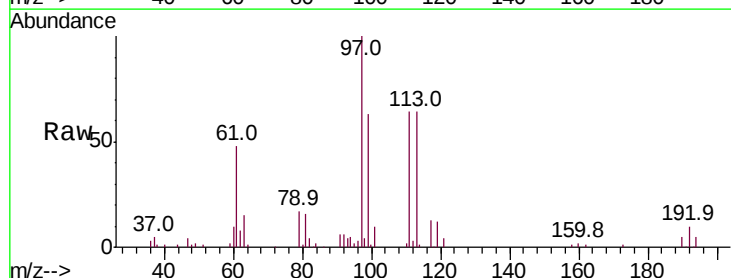
Tgt Ion: 97 Resp: 105041

Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.6

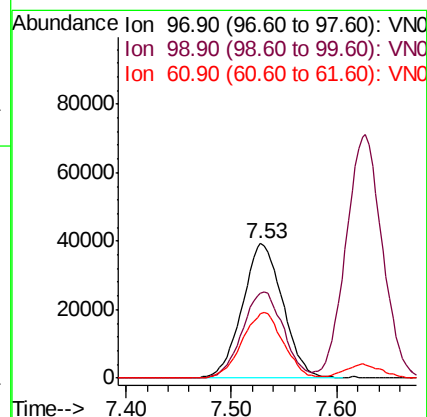
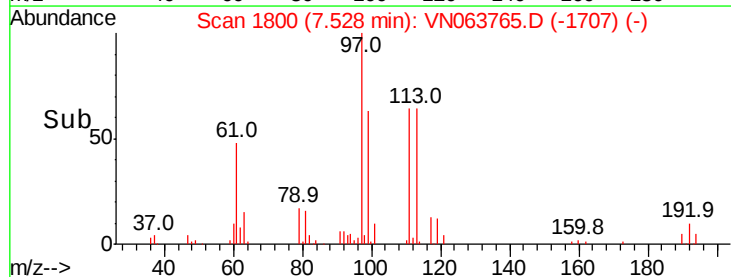
61 49.8 38.7 58.1

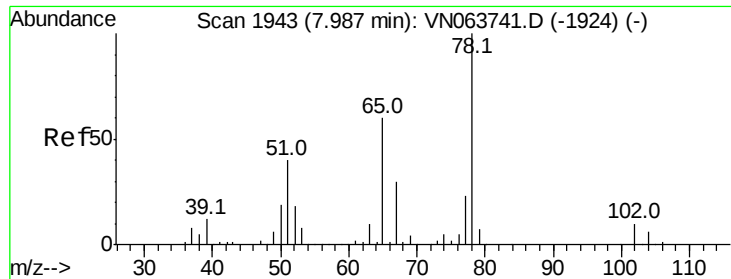


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 51.684 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

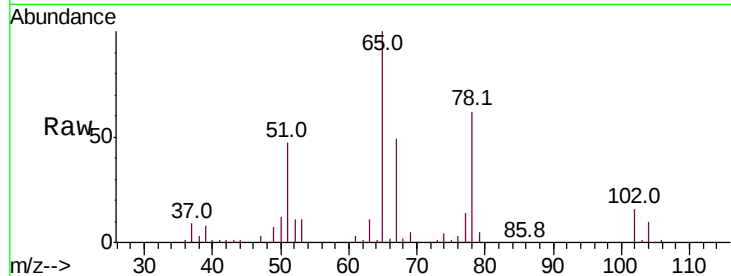
VN1001WBS01

Tot Ion: 65 Resp: 217826

Ion Ratio Lower Upper

65 100

67 49.8 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN063741.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063741.D (-1924) (-)

7.99

100000

80000

60000

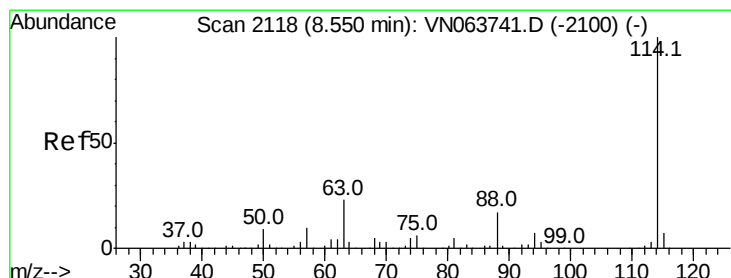
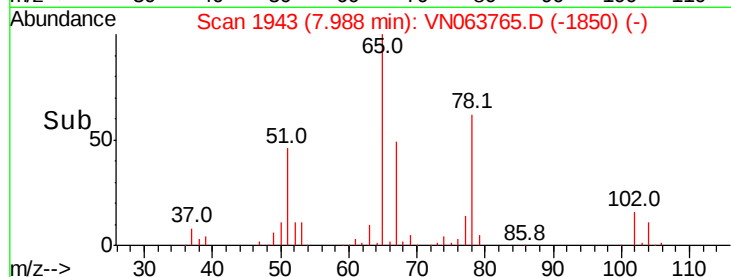
40000

20000

0

7.90 7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

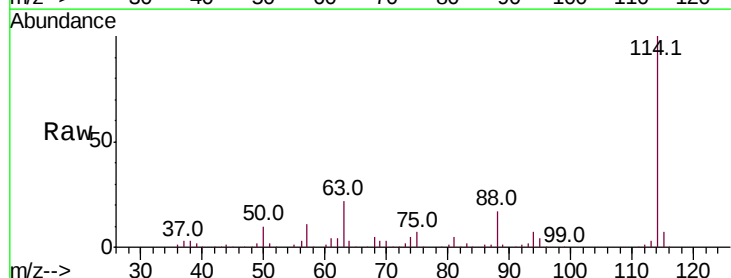
Tgt Ion: 114 Resp: 434434

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

88 17.1 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): VN063741.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063741.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063741.D (-2100) (-)

8.55

250000

200000

150000

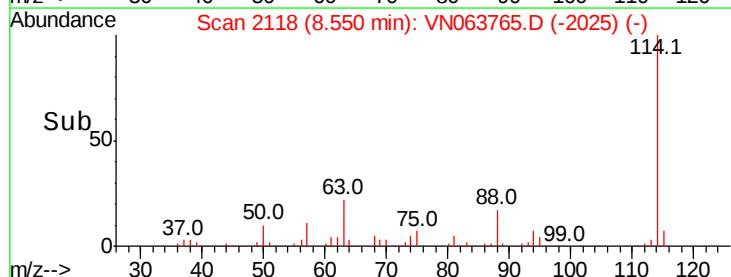
100000

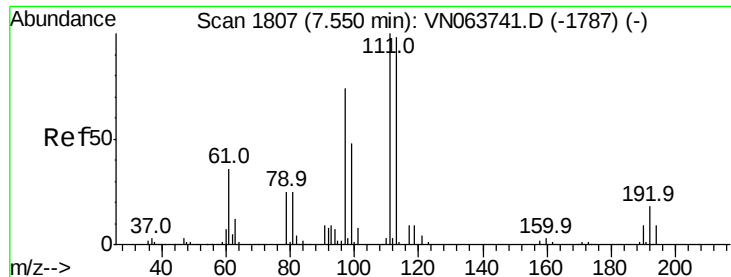
50000

0

8.50 8.55 8.60 8.65

Time-->

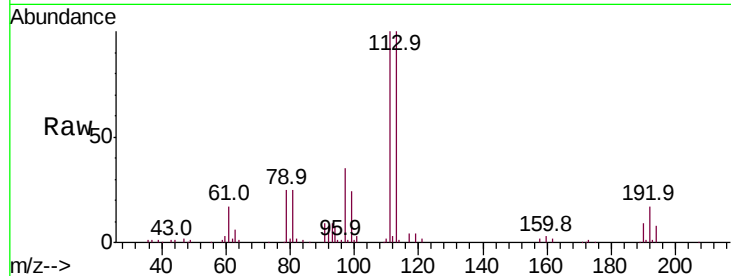




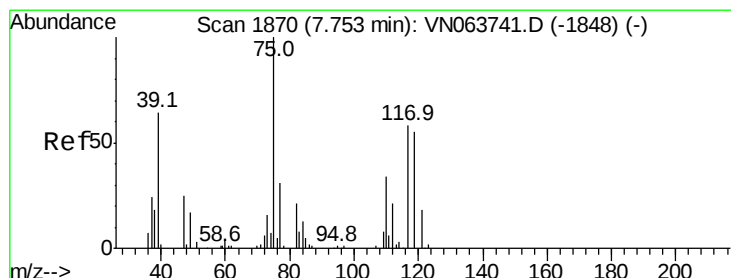
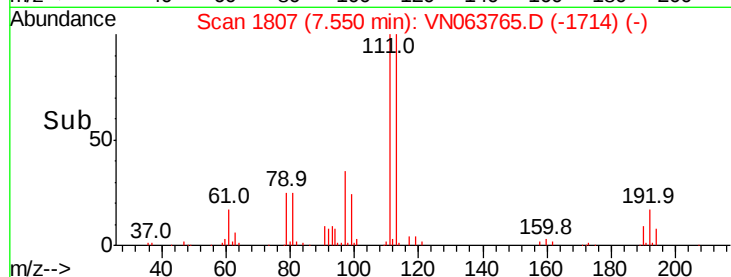
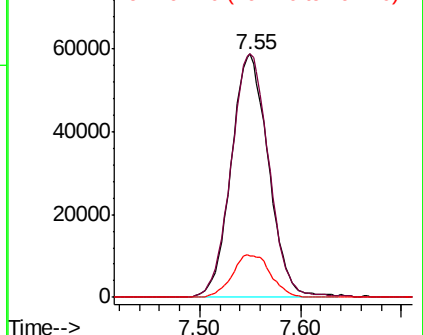
#35
Dibromofluoromethane
Concen: 49.979 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS01

Tot Ion:113 Resp: 150658
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.8
192 17.9 14.2 21.2

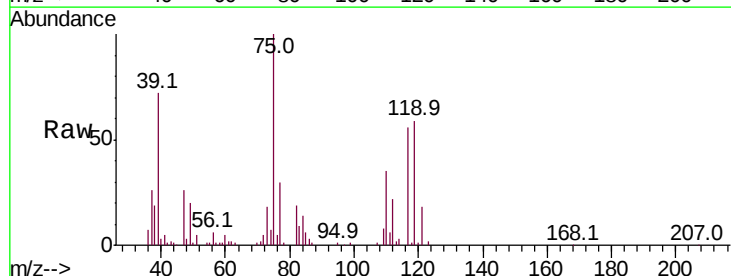


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

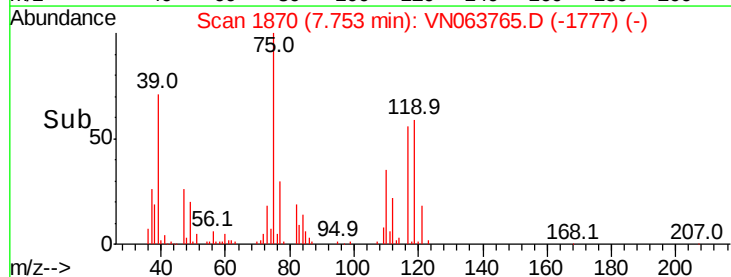
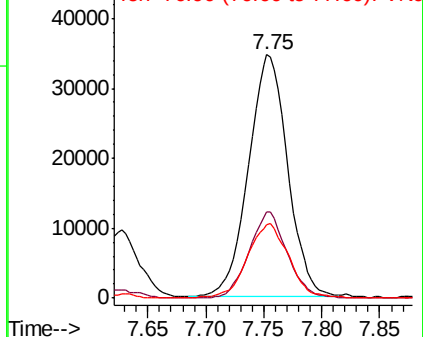


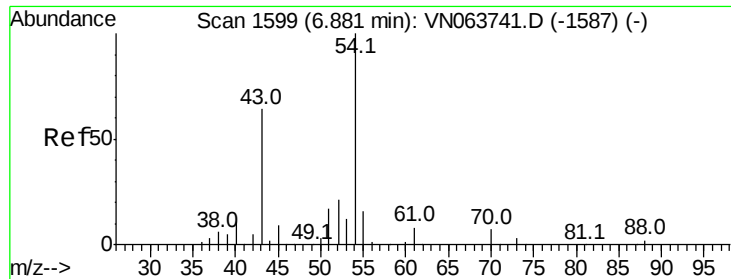
#36
1,1-Dichloropropene
Concen: 18.497 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

Tgt Ion: 75 Resp: 81409
Ion Ratio Lower Upper
75 100
110 34.5 16.9 50.6
77 32.3 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

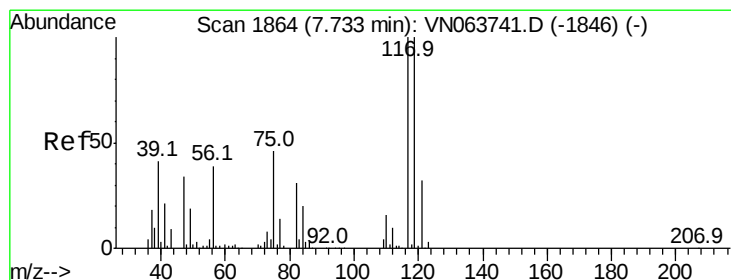
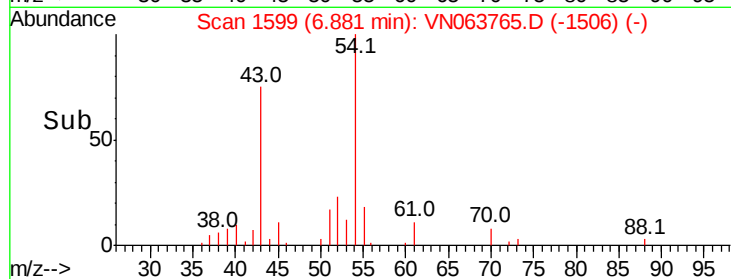
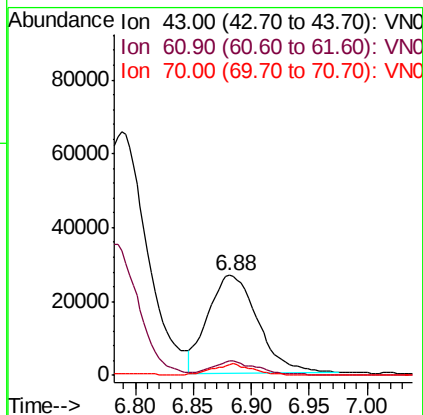
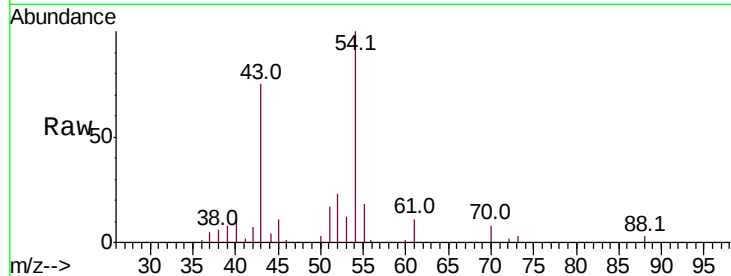




#37
Ethyl Acetate
Concen: 18.527 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

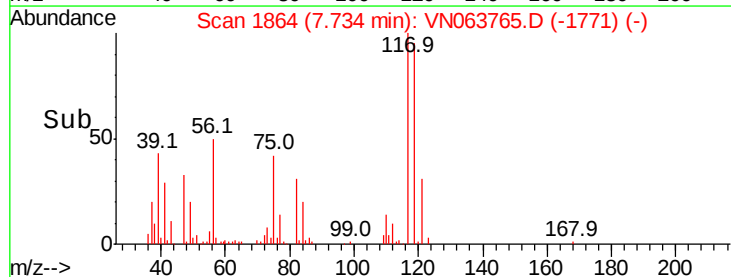
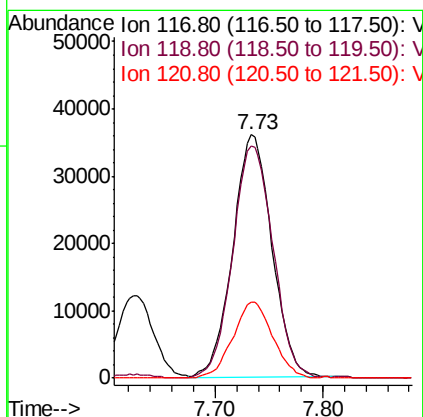
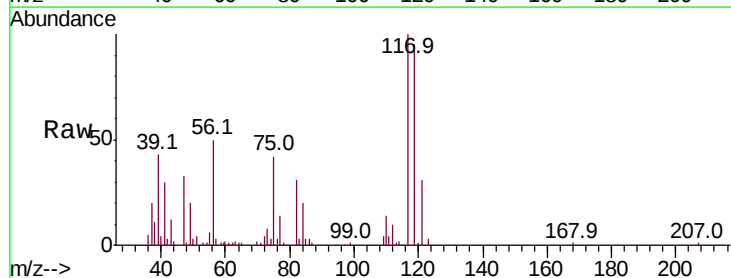
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS01

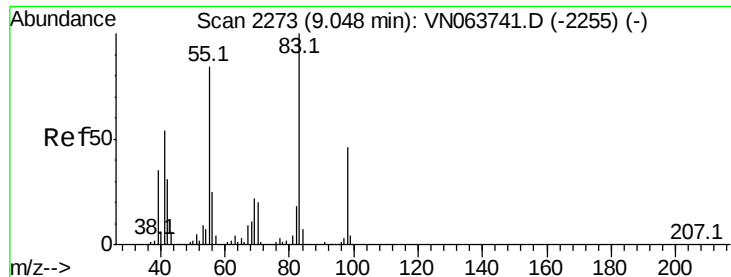
Tot Ion: 43 Resp: 81014
Ion Ratio Lower Upper
43 100
61 13.3 10.4 15.6
70 9.5 7.3 10.9



#38
Carbon Tetrachloride
Concen: 18.455 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

Tgt Ion: 117 Resp: 91082
Ion Ratio Lower Upper
117 100
119 95.7 80.1 120.1
121 31.6 25.7 38.5

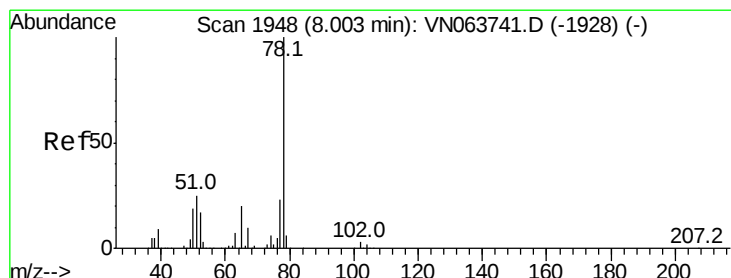
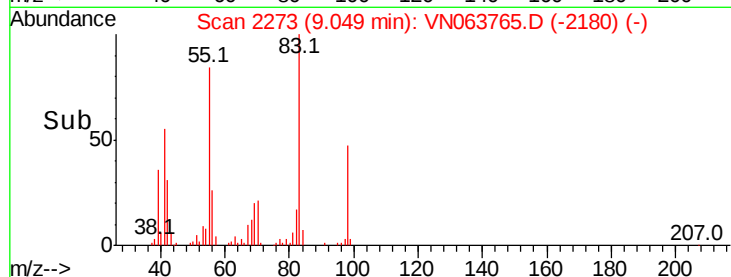
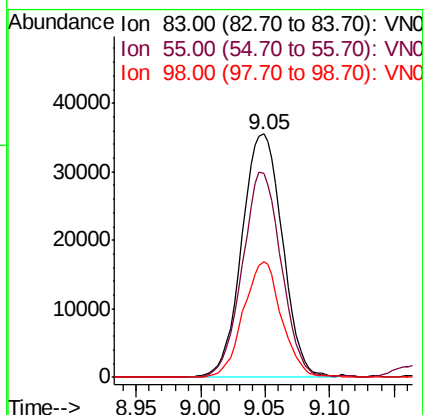
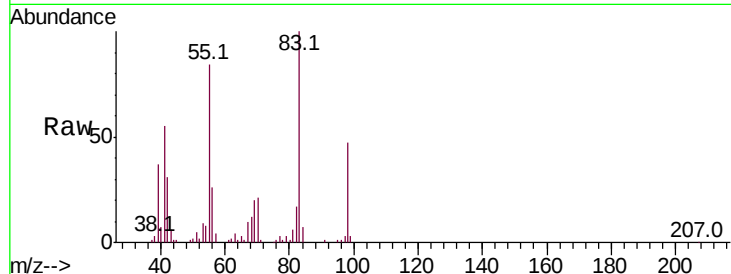




#39
Methvlcvclohexane
Concen: 17.794 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

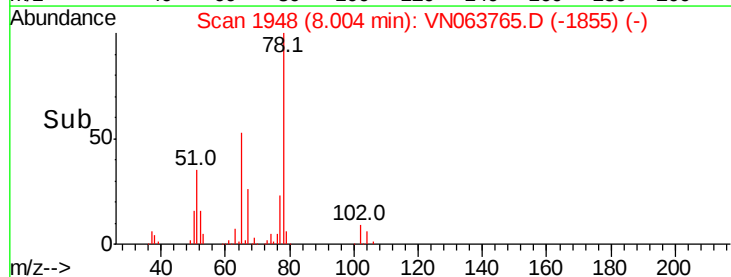
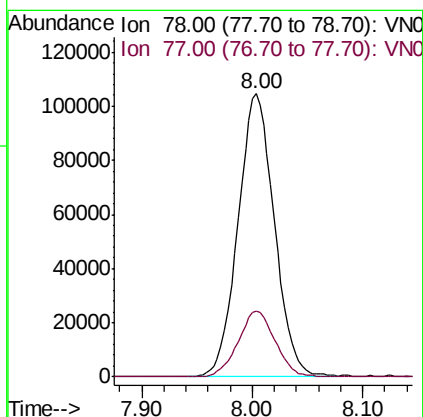
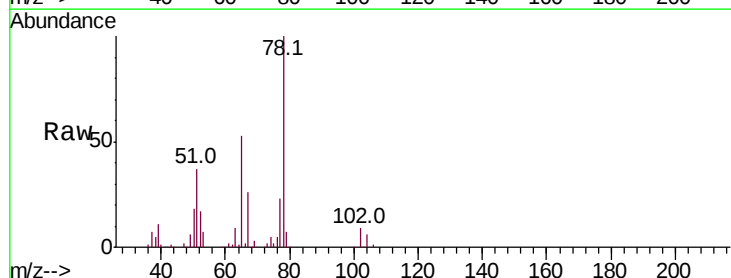
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS01

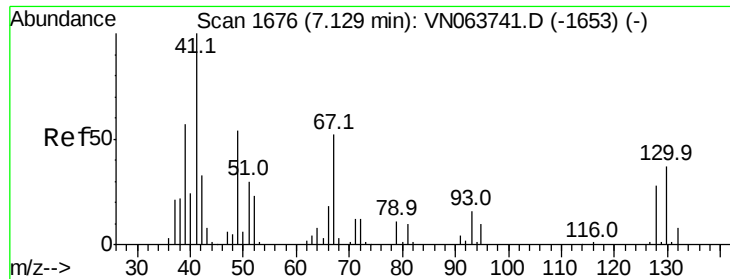
Tot Ion: 83 Resp: 78098
Ion Ratio Lower Upper
83 100
55 83.6 67.1 100.7
98 47.4 36.6 54.8



#40
Benzene
Concen: 18.991 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

Tgt Ion: 78 Resp: 238741
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1

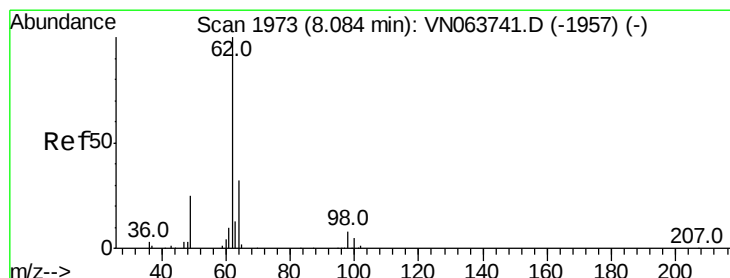
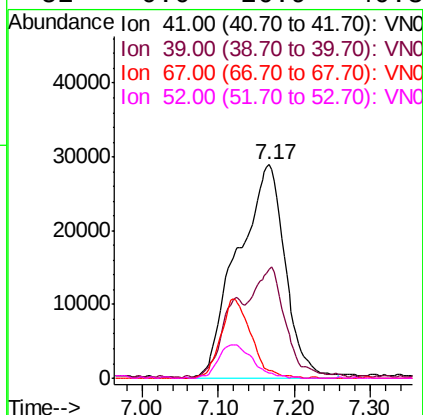
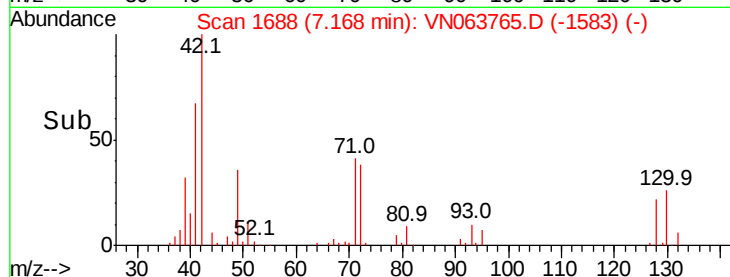
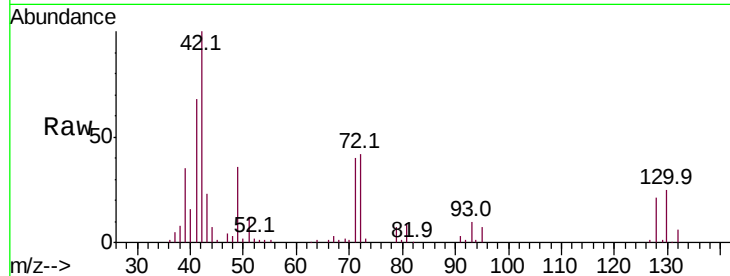




#41
Methacrylonitrile
Concen: 64.707 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.04 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

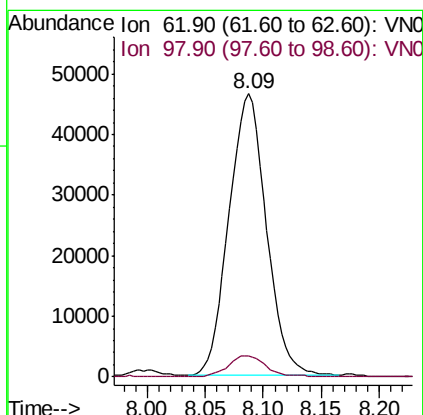
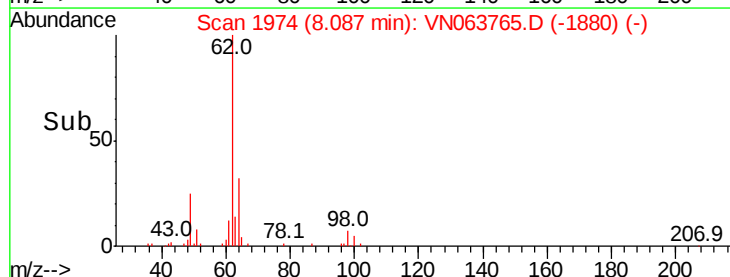
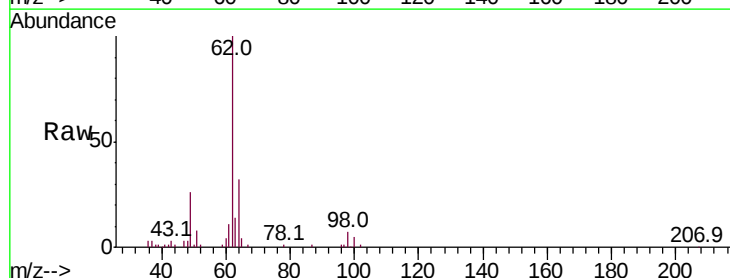
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS01

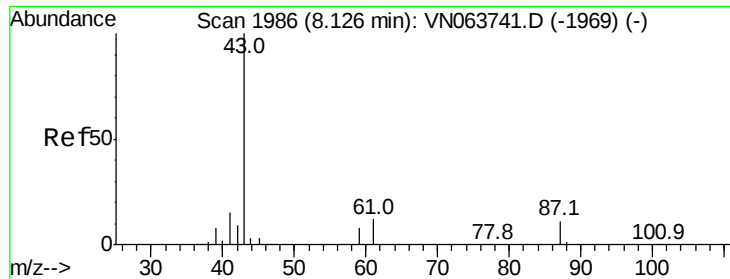
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	57.4	86.2#
52	0.0	26.9	40.3#



#42
1,2-Dichloroethane
Concen: 19.306 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	15.0





#43

Isopropyl Acetate

Concen: 20.075 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS01

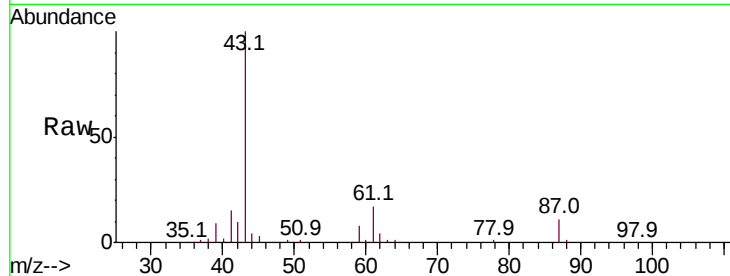
Tot Ion: 43 Resp: 144795

Ion Ratio Lower Upper

43 100

61 16.6 14.2 21.4

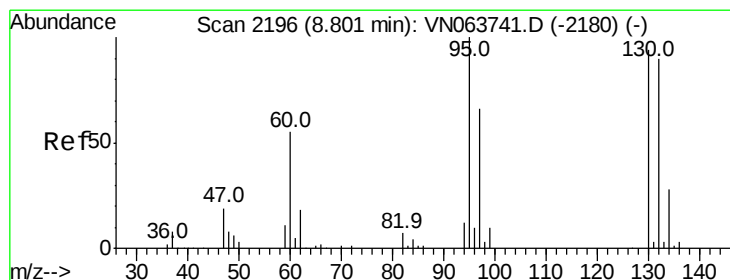
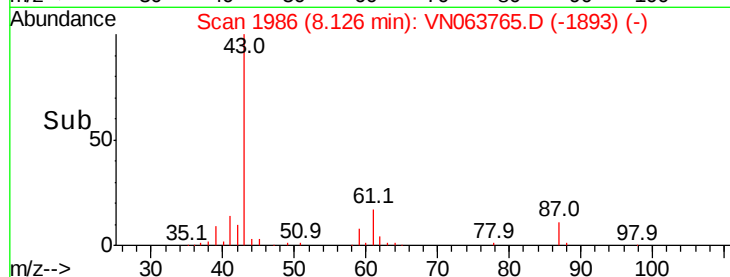
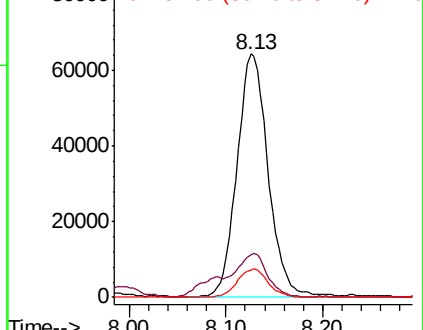
87 11.5 9.0 13.6



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: 18.820 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063765.D

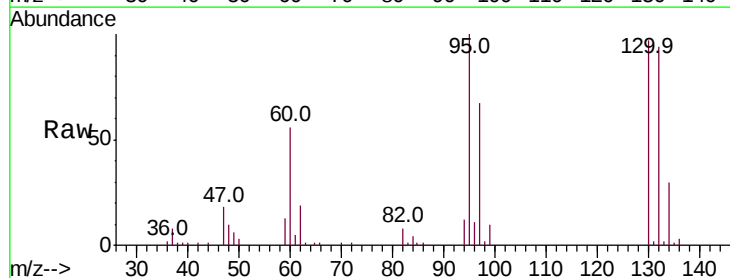
Acq: 1 Oct 2020 12:29

Tgt Ion:130 Resp: 61988

Ion Ratio Lower Upper

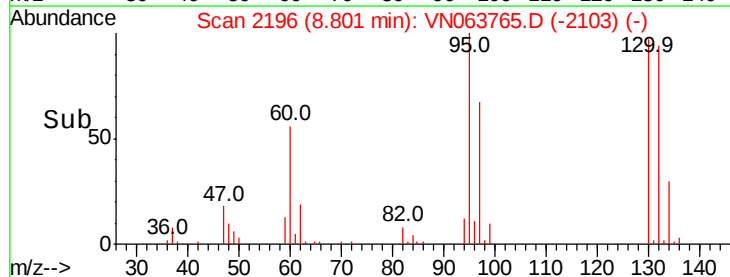
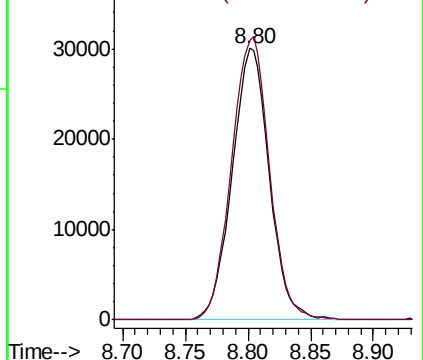
130 100

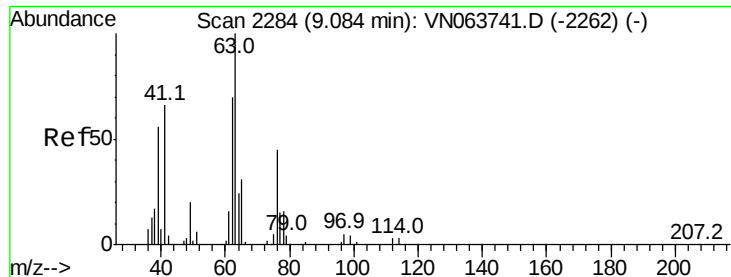
95 103.1 0.0 213.6



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: 19.154 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

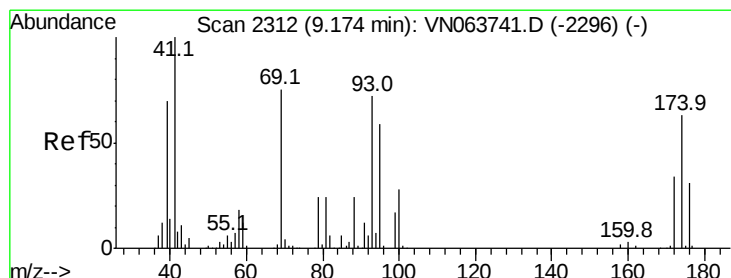
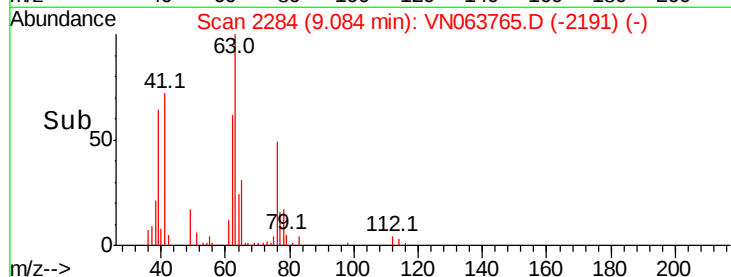
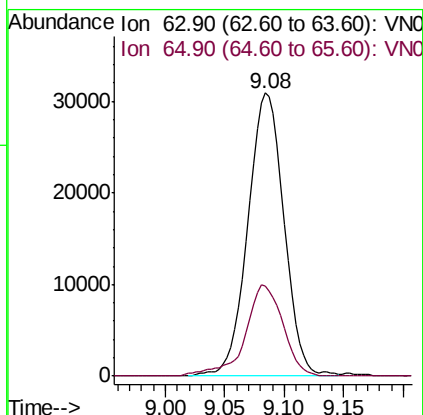
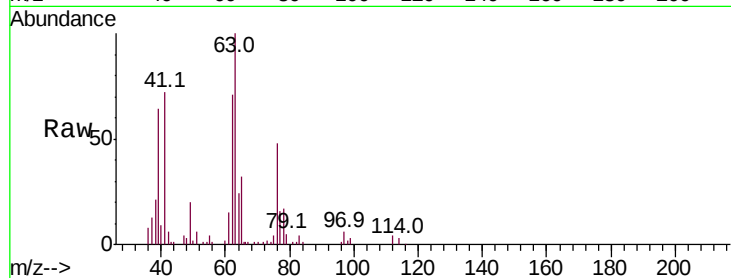
VN1001WBS01

Tot Ion: 63 Resp: 65027

Ion Ratio Lower Upper

63 100

65 32.0 24.7 37.1



#46

Dibromomethane

Concen: 19.221 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

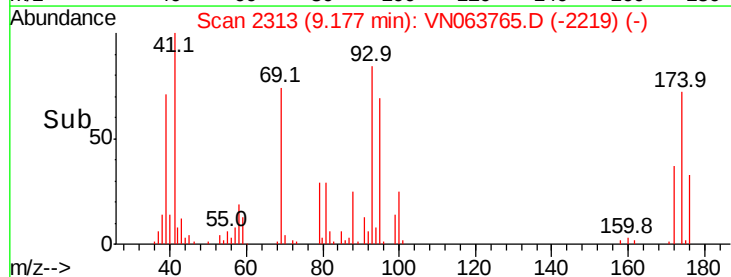
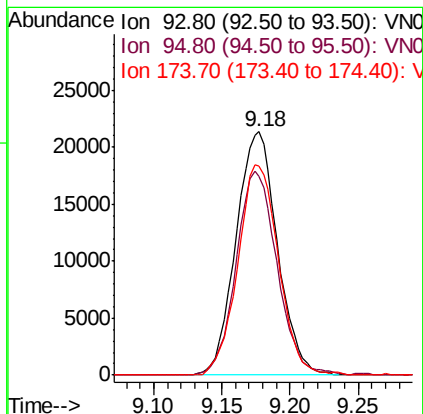
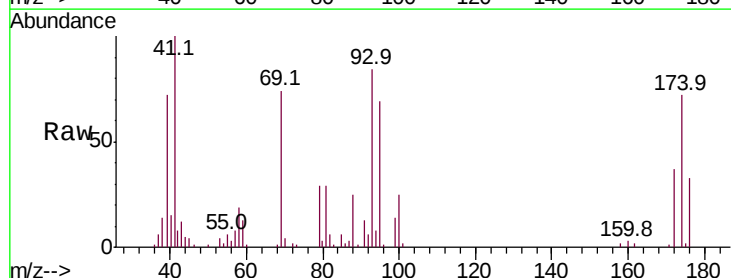
Tgt Ion: 93 Resp: 45016

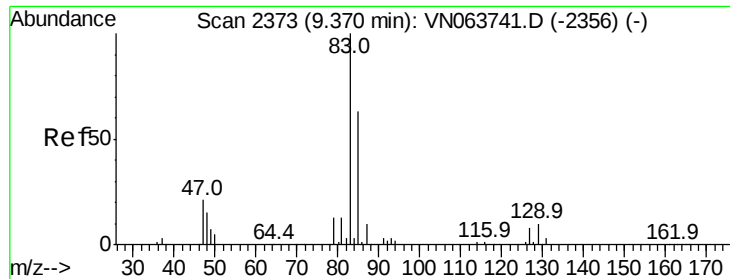
Ion Ratio Lower Upper

93 100

95 83.1 66.3 99.5

174 84.6 72.7 109.1





#47

Bromodichloromethane

Concen: 19.403 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS01

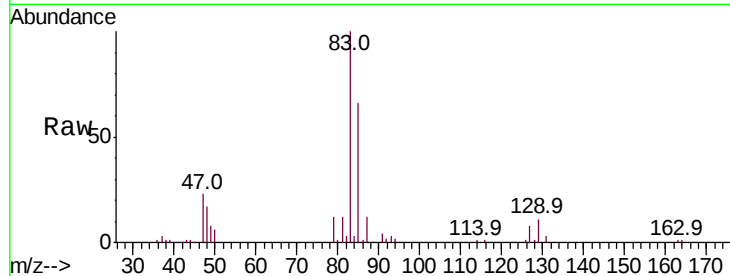
Tot Ion: 83 Resp: 93656

Ion Ratio Lower Upper

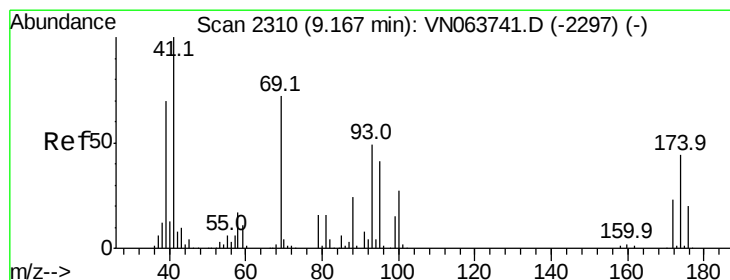
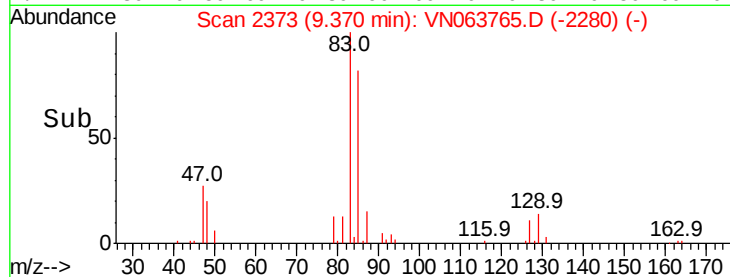
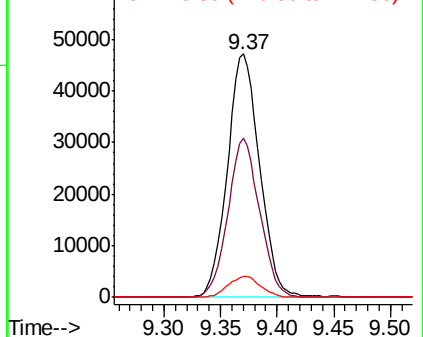
83 100

85 65.5 50.6 75.8

127 8.5 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 19.493 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

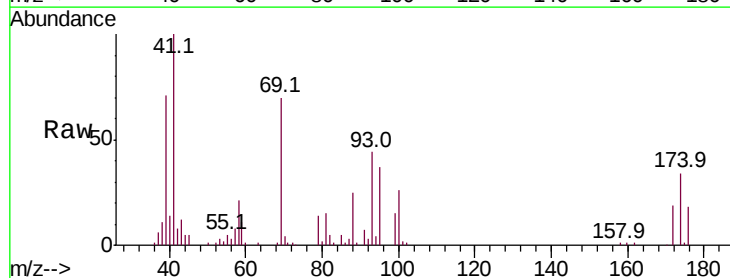
Tgt Ion: 41 Resp: 69461

Ion Ratio Lower Upper

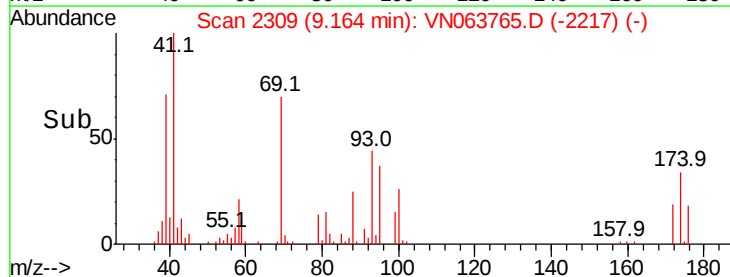
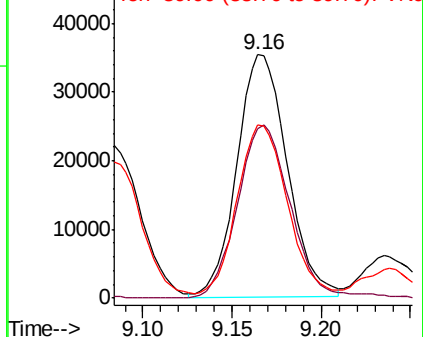
41 100

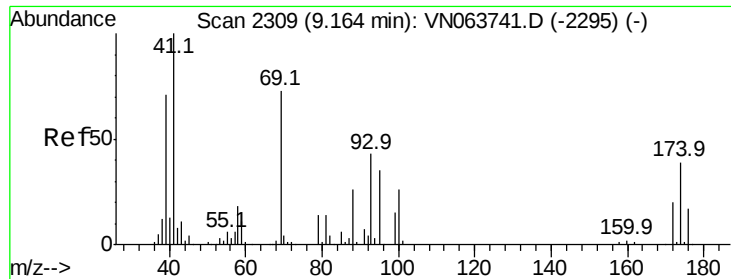
69 74.2 60.9 91.3

39 71.1 57.5 86.3



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

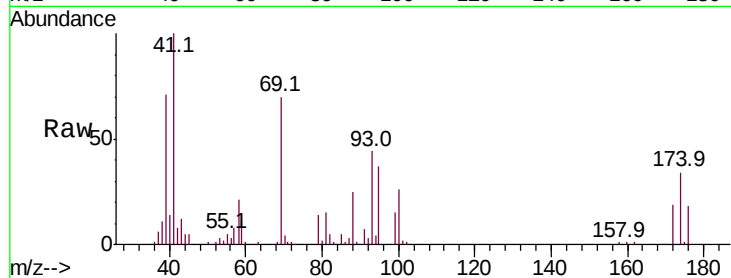




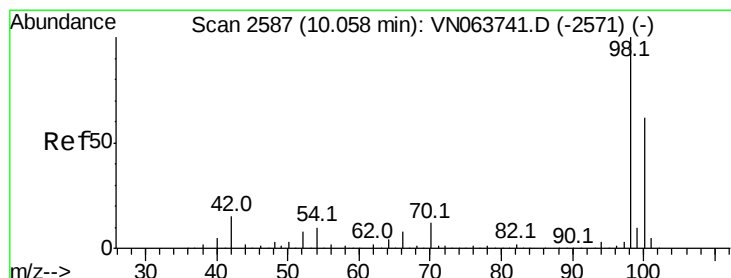
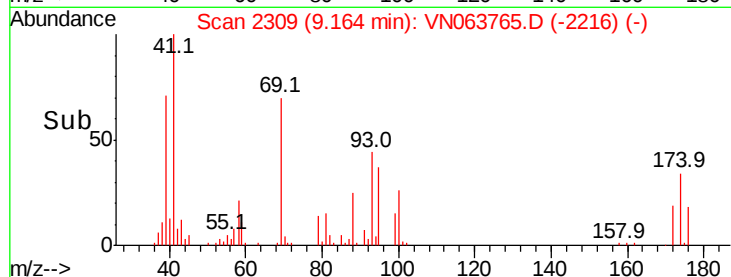
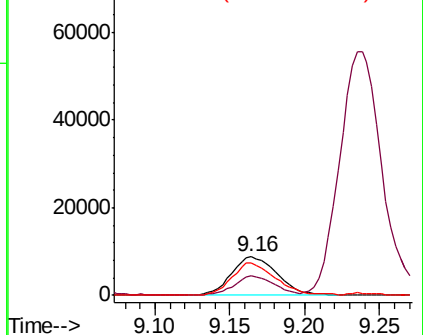
#49
1,4-Dioxane
Concen: 370.424 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS01

Tot Ion: 88 Resp: 18760
Ion Ratio Lower Upper
88 100
43 44.9 33.1 49.7
58 79.5 58.9 88.3

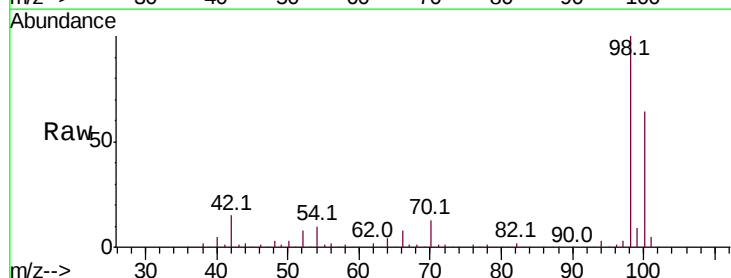


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

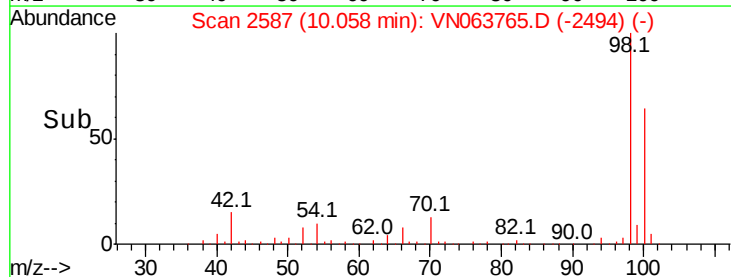
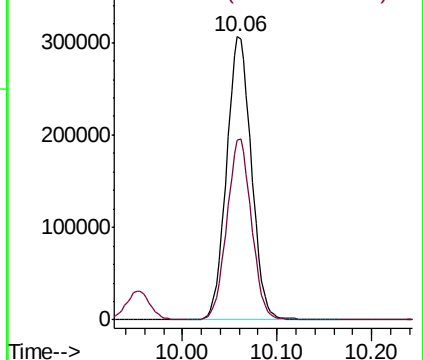


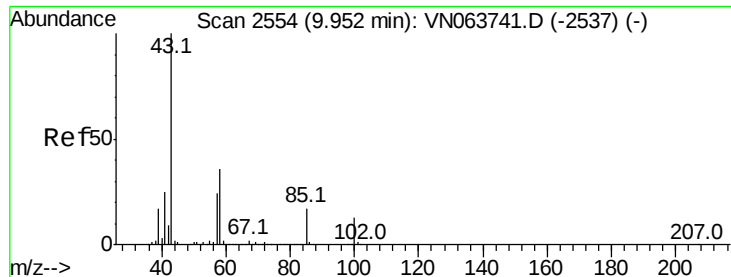
#50
Toluene-d8
Concen: 48.870 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

Tgt Ion: 98 Resp: 558456
Ion Ratio Lower Upper
98 100
100 63.1 49.8 74.6



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

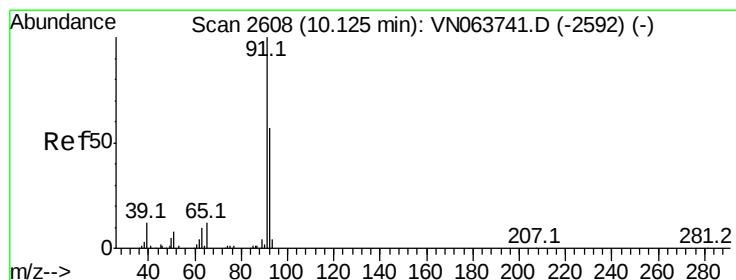
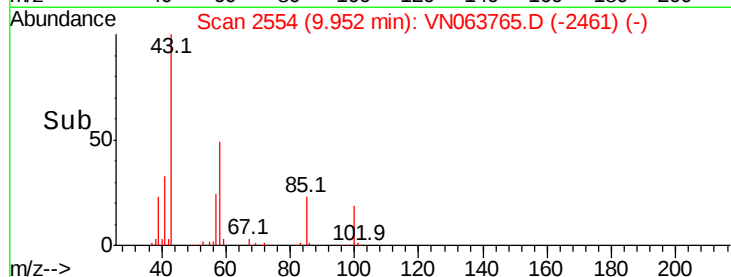
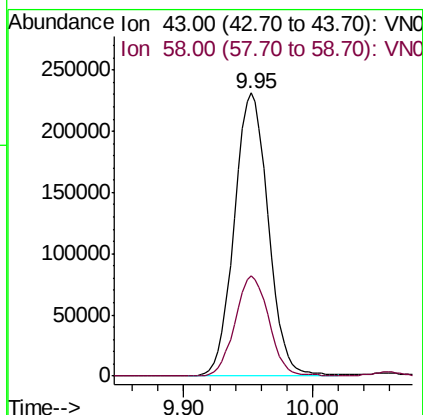
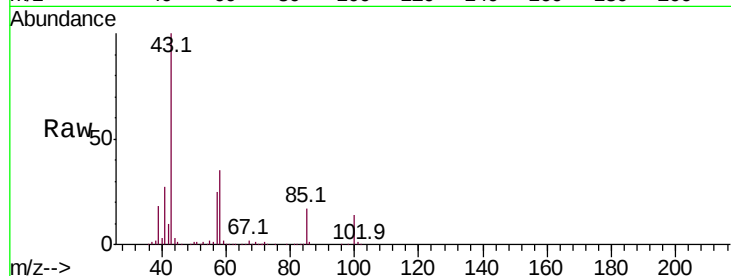




#51
4-Methyl-2-Pentanone
Concen: 100.166 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

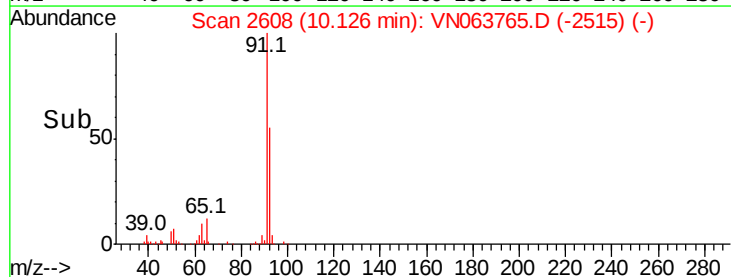
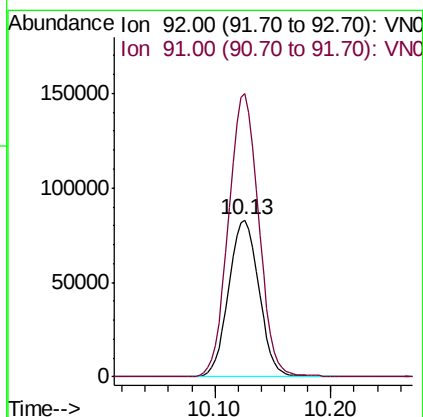
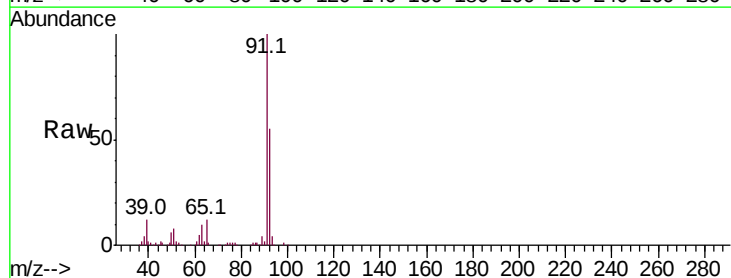
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS01

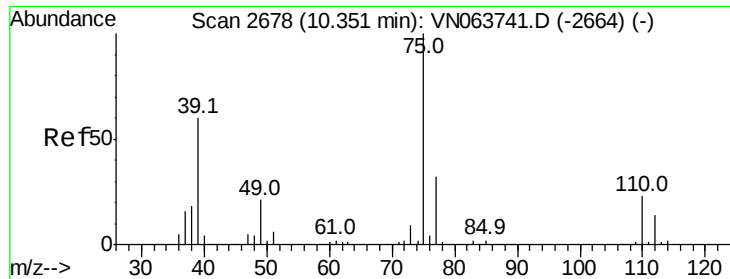
Tot Ion: 43 Resp: 423967
Ion Ratio Lower Upper
43 100
58 35.3 28.4 42.6



#52
Toluene
Concen: 19.326 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

Tgt Ion: 92 Resp: 150271
Ion Ratio Lower Upper
92 100
91 179.7 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 19.365 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

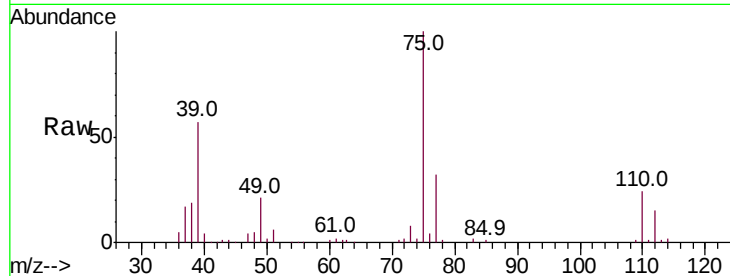
VN1001WBS01

Tot Ion: 75 Resp: 100198

Ion Ratio Lower Upper

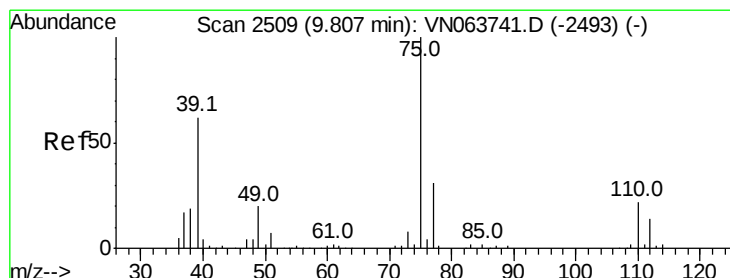
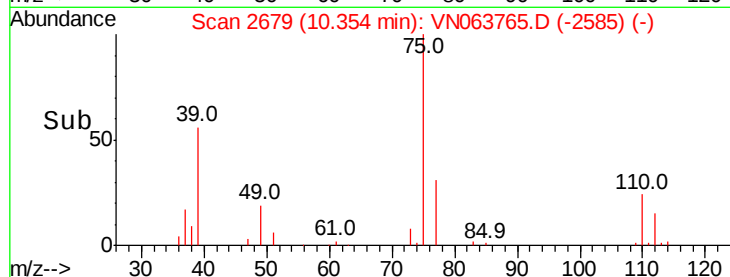
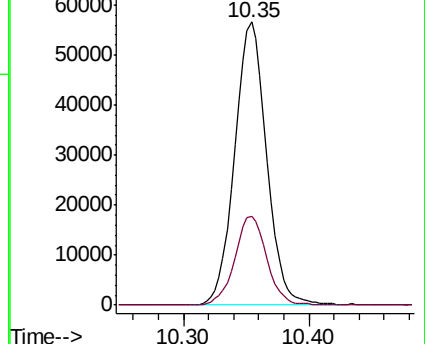
75 100

77 31.6 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.368 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

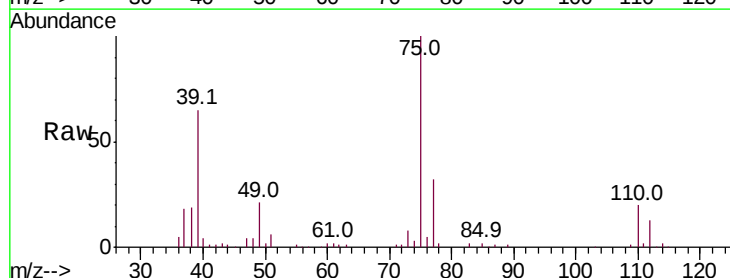
Tgt Ion: 75 Resp: 104804

Ion Ratio Lower Upper

75 100

77 31.9 24.6 36.8

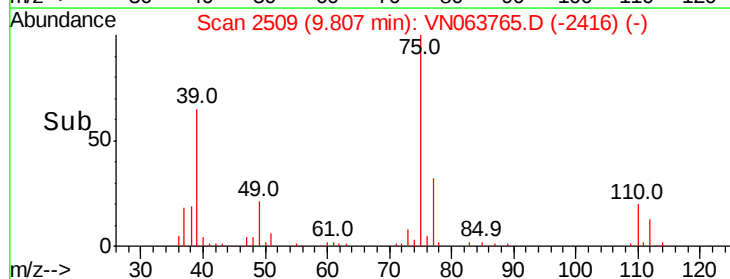
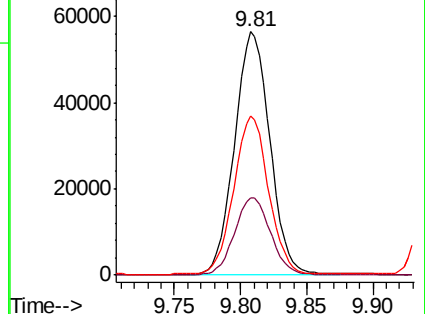
39 64.7 49.7 74.5

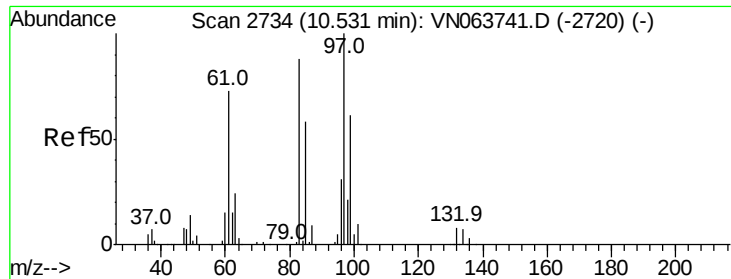


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

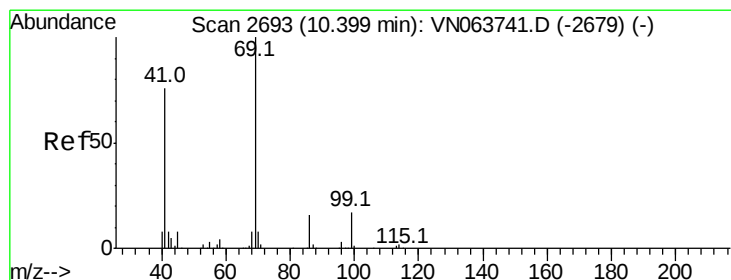
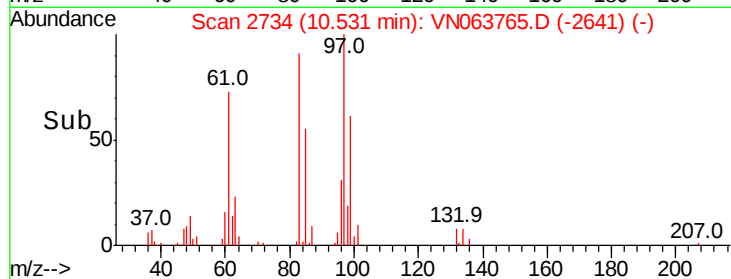
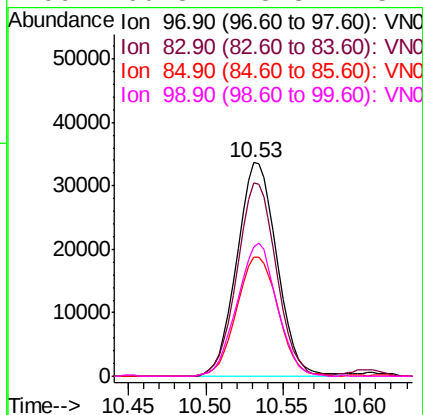
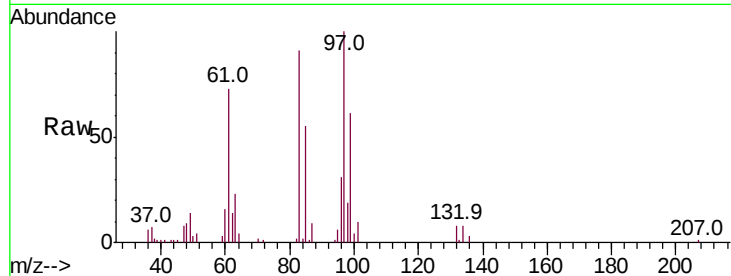




#55
 1,1,2-Trichloroethane
 Concen: 19.476 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN063765.D
 Acq: 1 Oct 2020 12:29

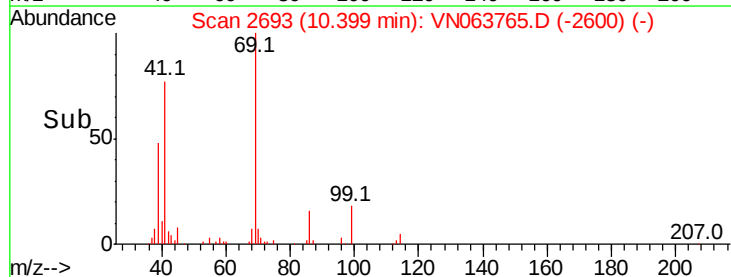
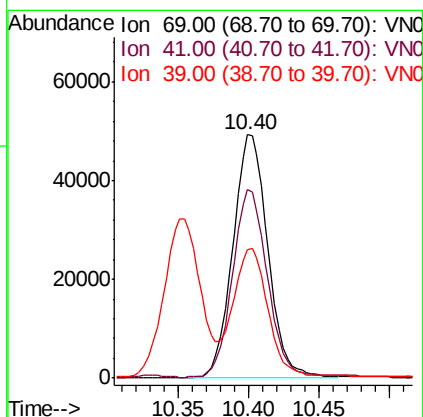
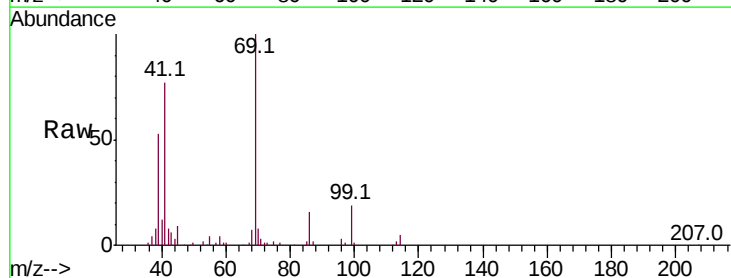
Instrument :
 MSVOA_N
 ClientSampled :
 VN1001WBS01

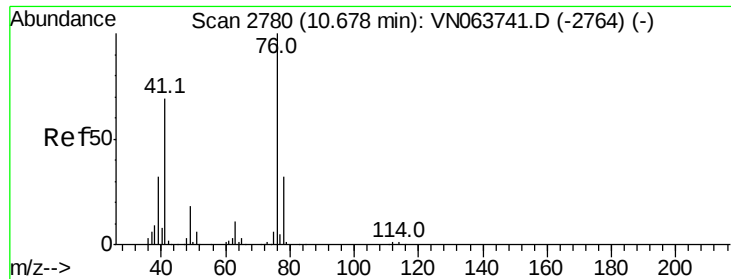
Tot Ion: 97 Resp: 60731
 Ion Ratio Lower Upper
 97 100
 83 90.6 70.7 106.1
 85 55.5 46.1 69.1
 99 60.8 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 19.405 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN063765.D
 Acq: 1 Oct 2020 12:29

Tgt Ion: 69 Resp: 85769
 Ion Ratio Lower Upper
 69 100
 41 76.4 61.1 91.7
 39 52.1 42.2 63.4





#57

1,3-Dichloropropane

Concen: 19.886 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

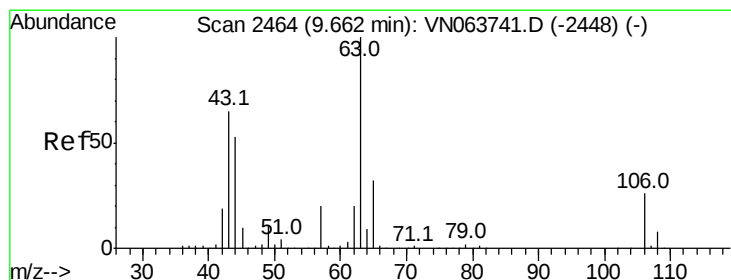
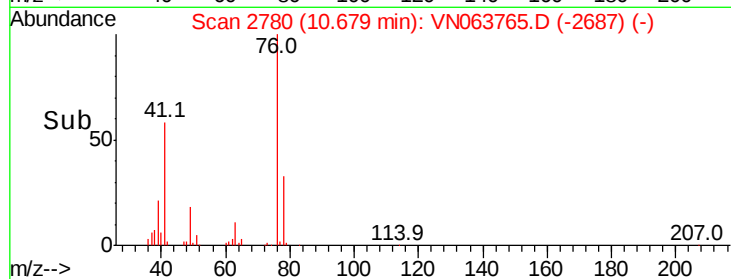
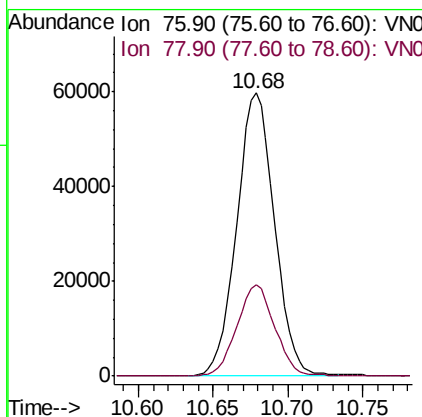
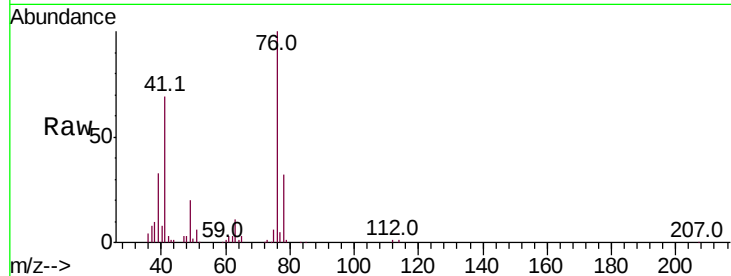
Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :
MSVOA_N
ClientSampled :
VN1001WBS01

Tot Ion: 76 Resp: 104909

Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.2	37.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.584 ug/l

RT: 9.66 min Scan# 2464

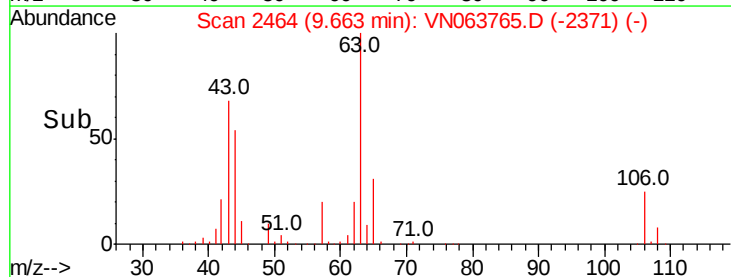
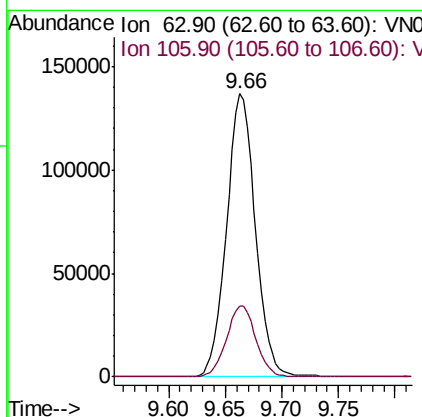
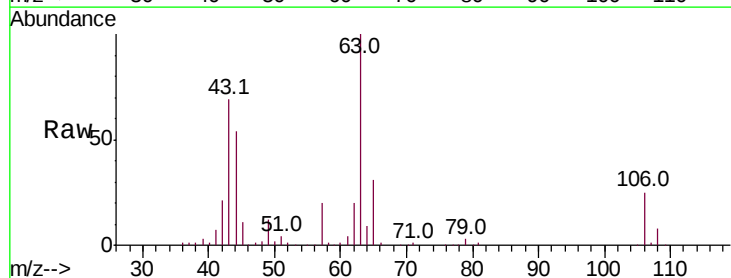
Delta R.T. 0.00 min

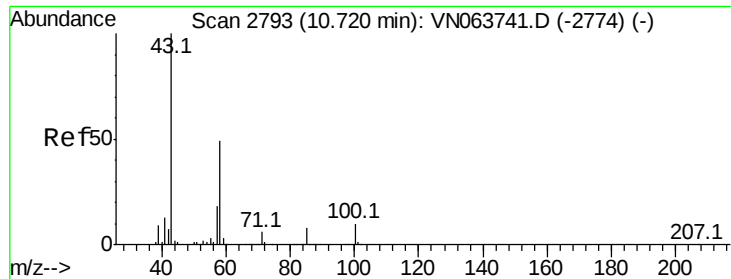
Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Tgt Ion: 63 Resp: 242542

Ion	Ratio	Lower	Upper
63	100		
106	25.6	20.7	31.1





#59

2-Hexanone

Concen: 97.360 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampled :

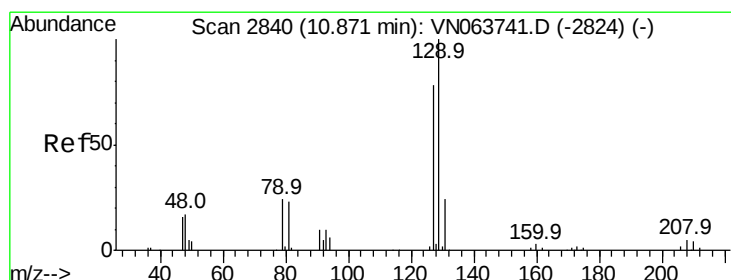
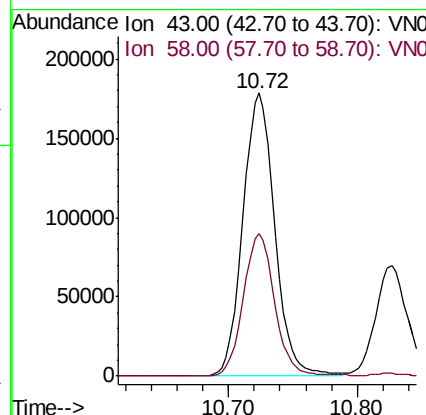
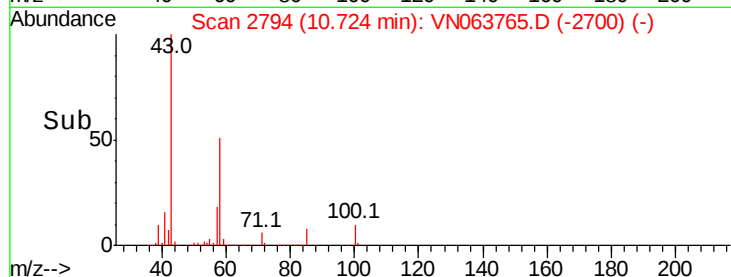
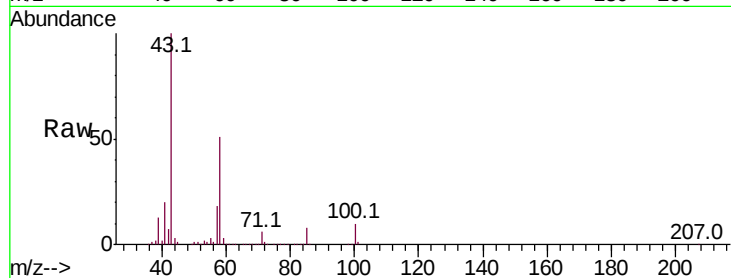
VN1001WBS01

Tot Ion: 43 Resp: 306128

Ion Ratio Lower Upper

43 100

58 49.6 24.6 73.8



#60

Dibromochloromethane

Concen: 18.345 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN063765.D

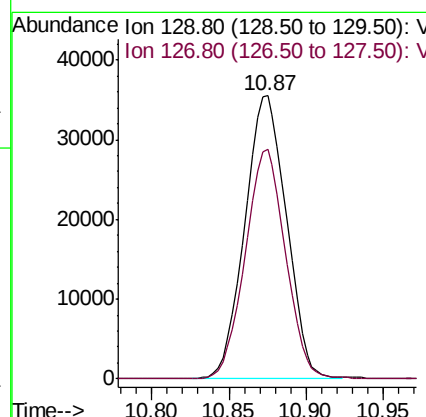
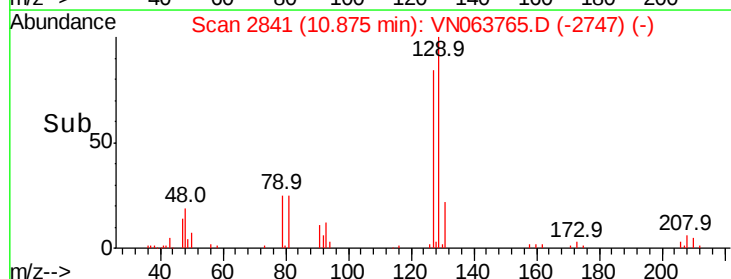
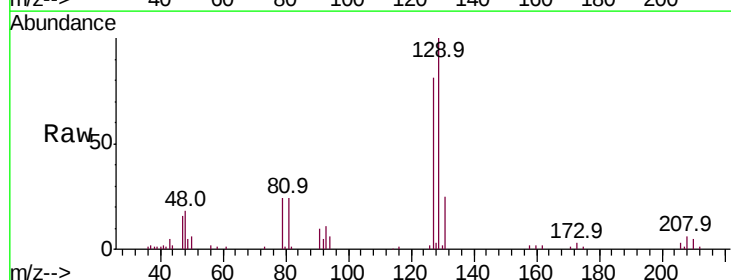
Acq: 1 Oct 2020 12:29

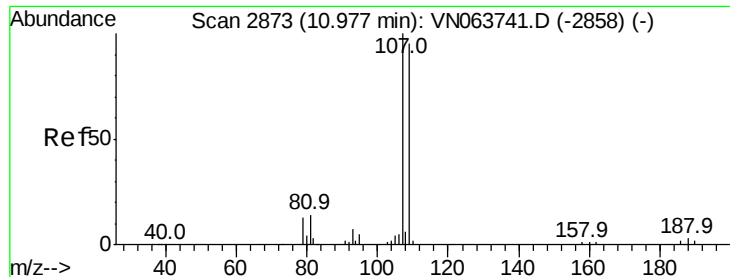
Tgt Ion: 129 Resp: 66622

Ion Ratio Lower Upper

129 100

127 78.4 38.9 116.7

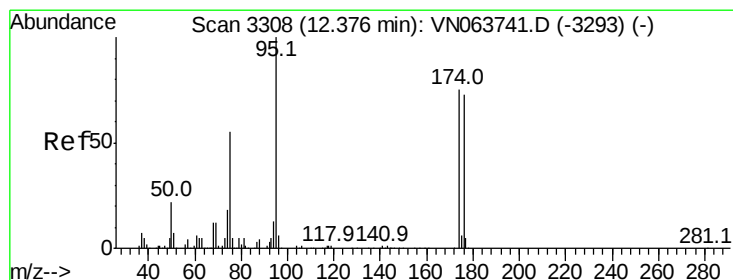
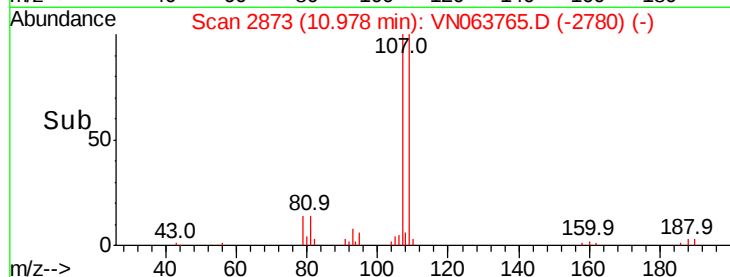
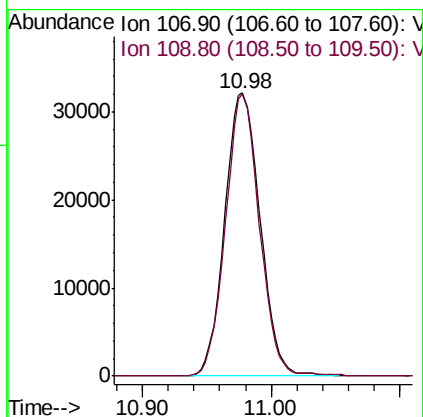
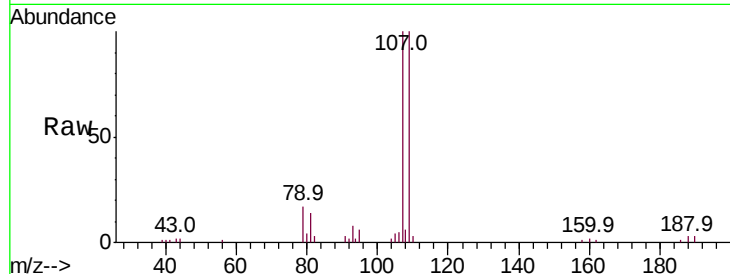




#61
 1,2-Dibromoethane
 Concen: 19.152 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063765.D
 Acq: 1 Oct 2020 12:29

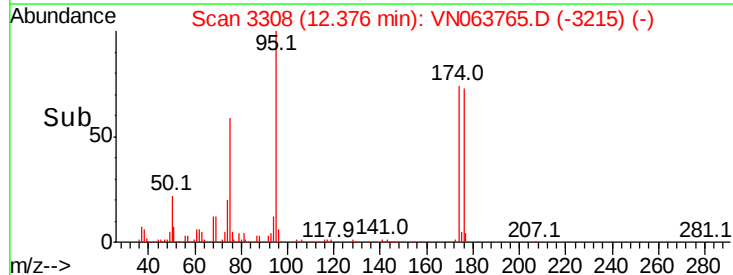
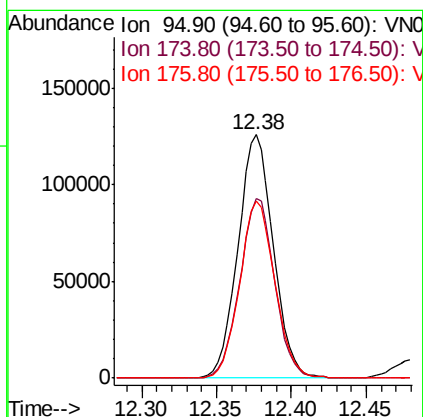
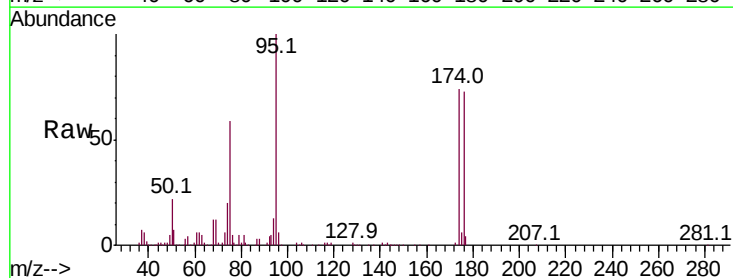
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS01

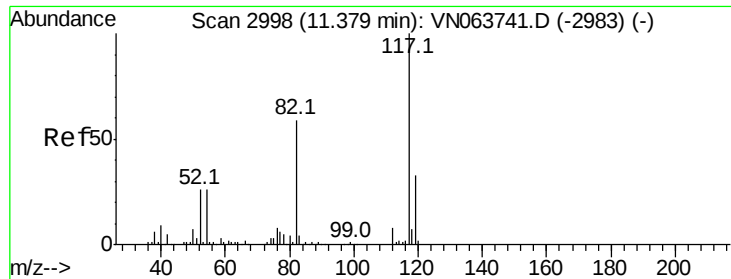
Tot Ion:107 Resp: 61092
 Ion Ratio Lower Upper
 107 100
 109 95.7 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.080 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063765.D
 Acq: 1 Oct 2020 12:29

Tgt Ion: 95 Resp: 206537
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 150.6
 176 72.6 0.0 145.4

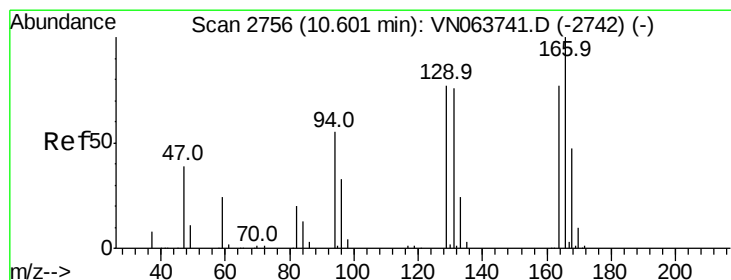
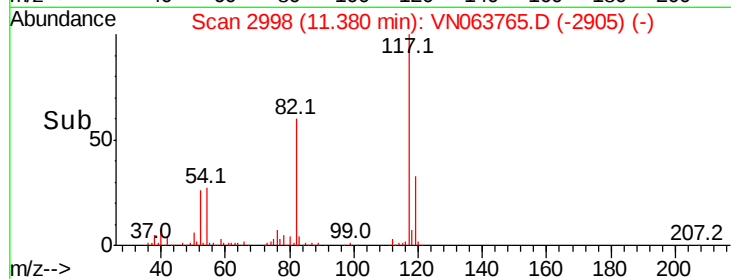
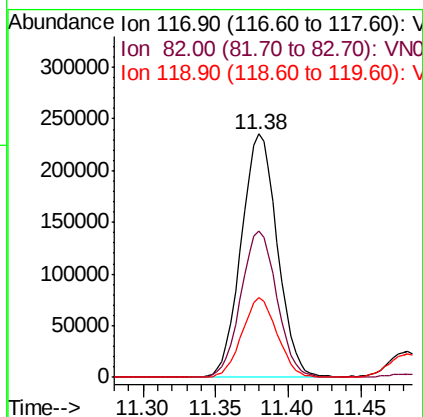
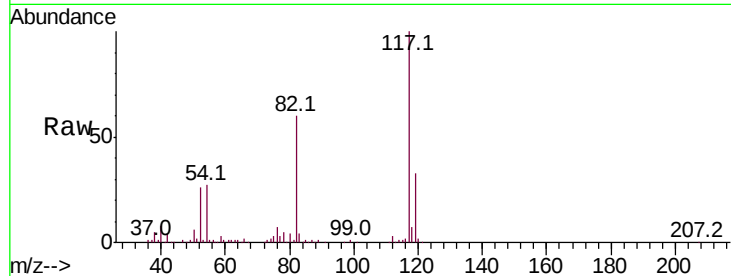




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

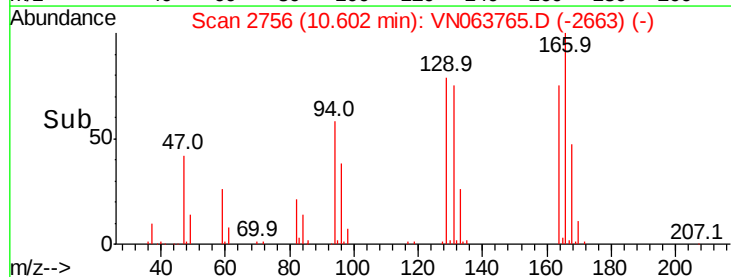
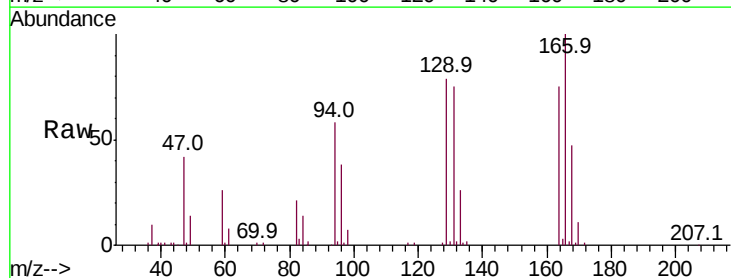
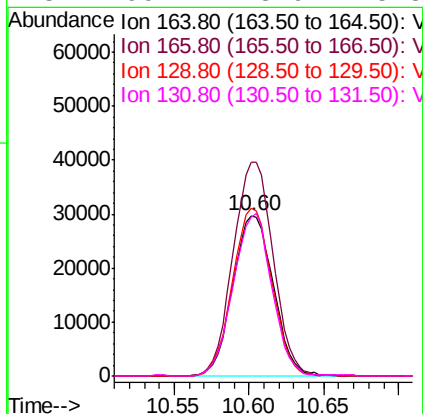
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS01

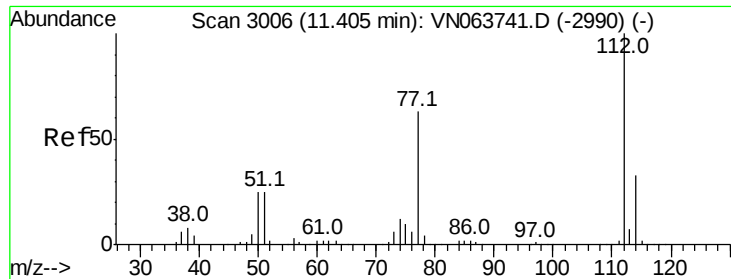
Tot Ion:117 Resp: 409148
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 32.6 26.4 39.6



#64
Tetrachloroethene
Concen: 17.709 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

Tgt Ion:164 Resp: 56057
Ion Ratio Lower Upper
164 100
166 132.9 103.9 155.9
129 104.8 80.3 120.5
131 99.1 78.9 118.3

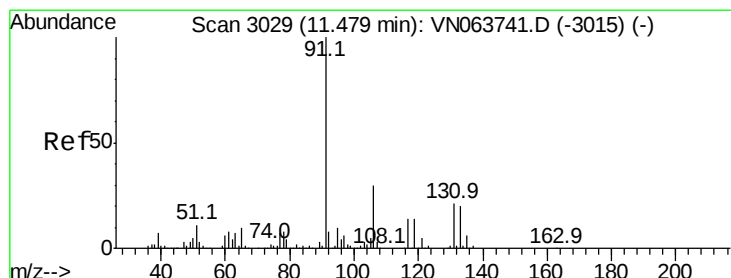
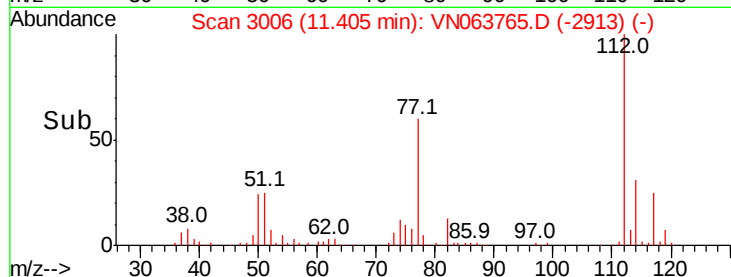
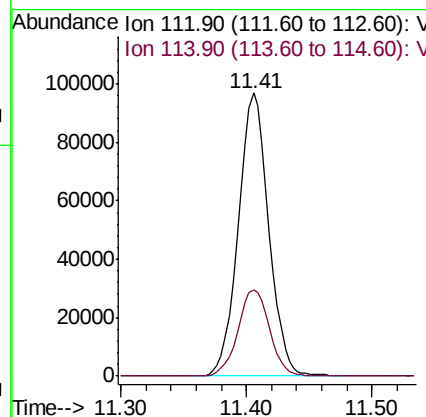
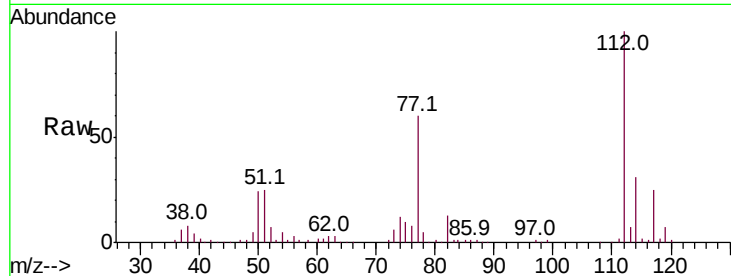




#65
Chlorobenzene
Concen: 19.361 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

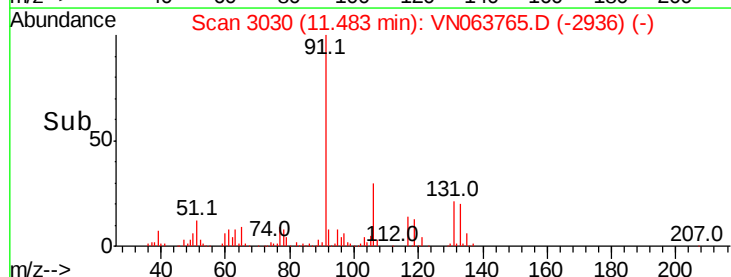
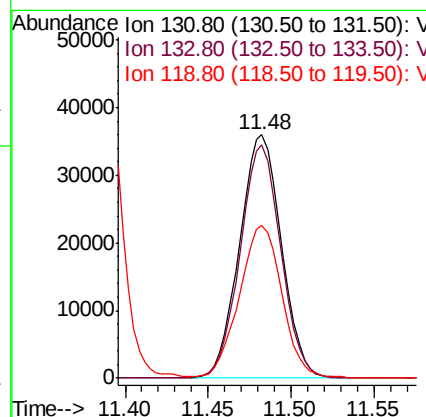
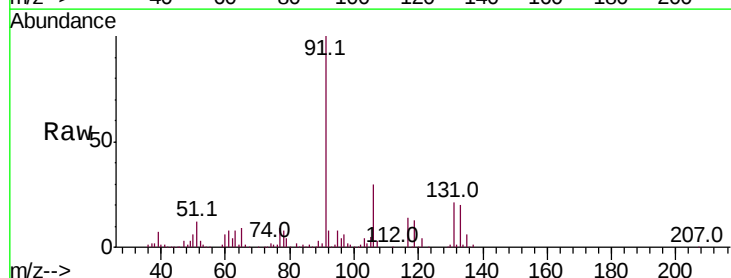
Instrument :
MSVOA_N
ClientSampled :
VN1001WBS01

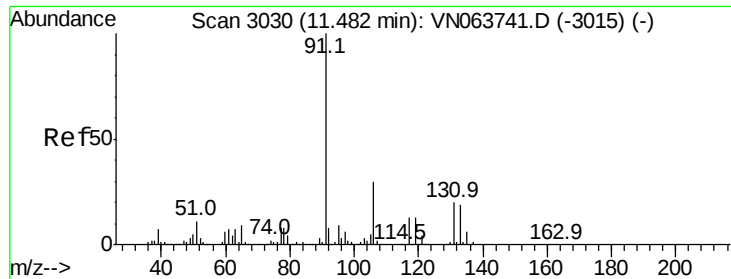
Tot Ion:112 Resp: 162495
Ion Ratio Lower Upper
112 100
114 30.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.562 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

Tgt Ion:131 Resp: 62943
Ion Ratio Lower Upper
131 100
133 93.5 47.3 141.8
119 64.2 32.6 97.7





#67

Ethyl Benzene

Concen: 19.080 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampled :

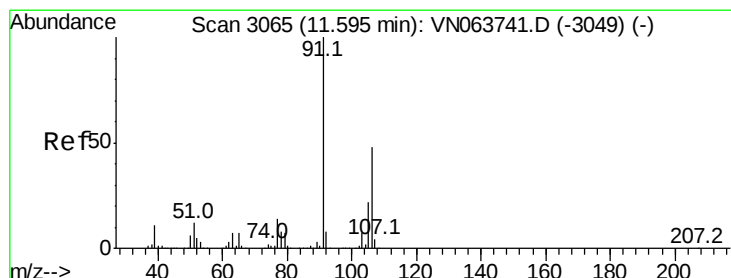
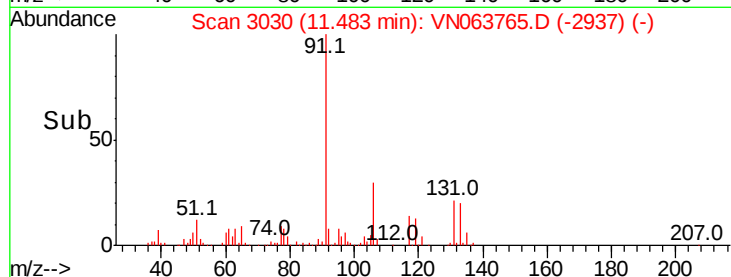
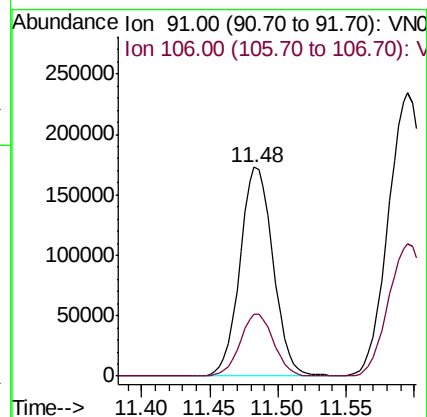
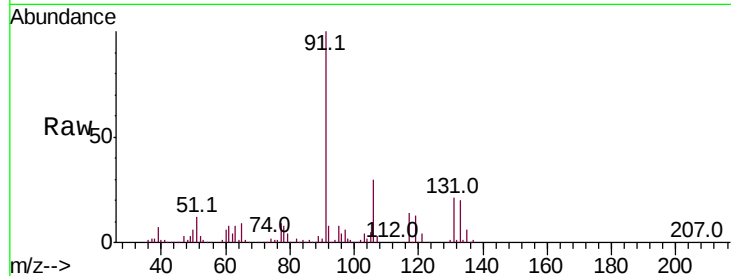
VN1001WBS01

Tot Ion: 91 Resp: 291391

Ion Ratio Lower Upper

91 100

106 29.7 24.2 36.2



#68

m/p-Xylenes

Concen: 37.706 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063765.D

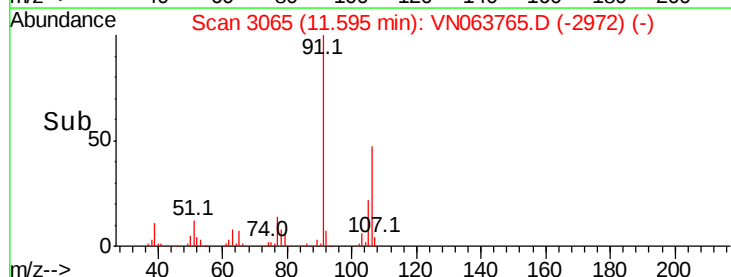
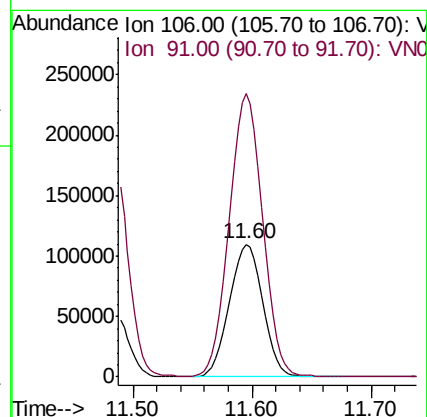
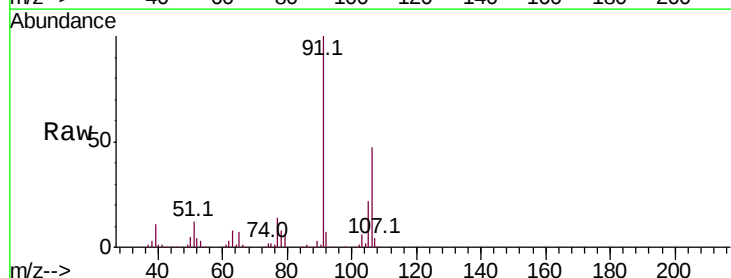
Acq: 1 Oct 2020 12:29

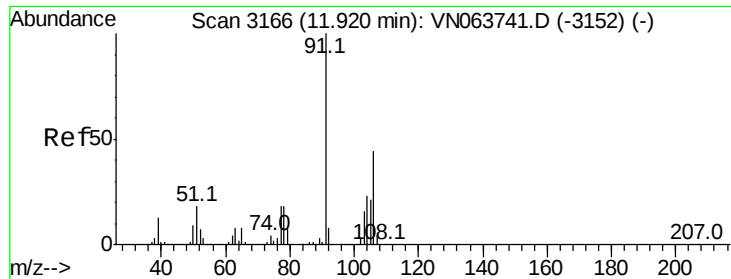
Tgt Ion: 106 Resp: 214617

Ion Ratio Lower Upper

106 100

91 212.3 168.0 252.0

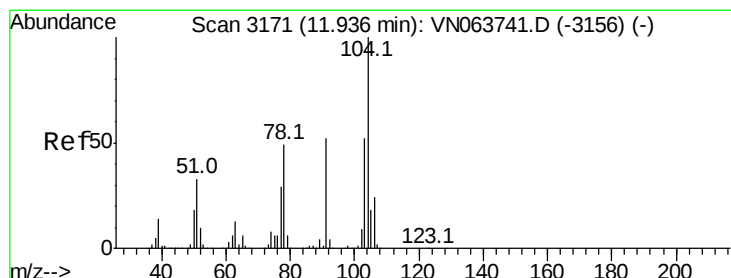
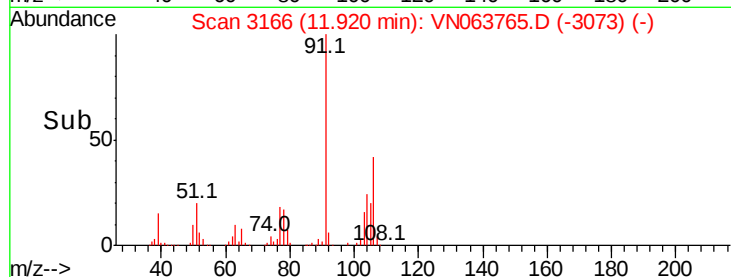
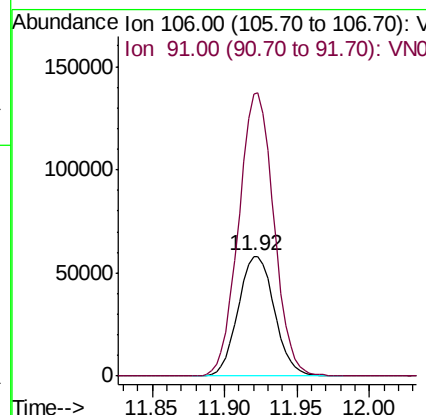
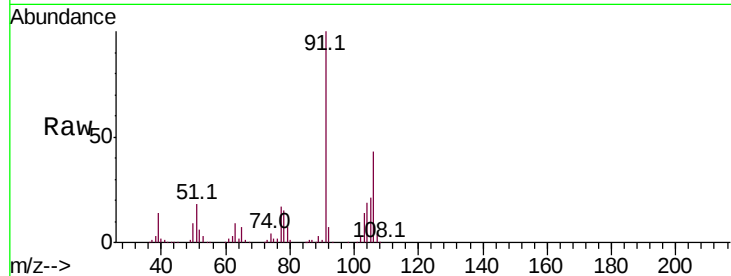




#69
o-Xylene
Concen: 19.069 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

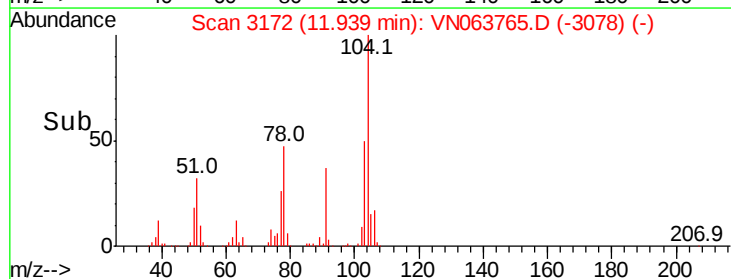
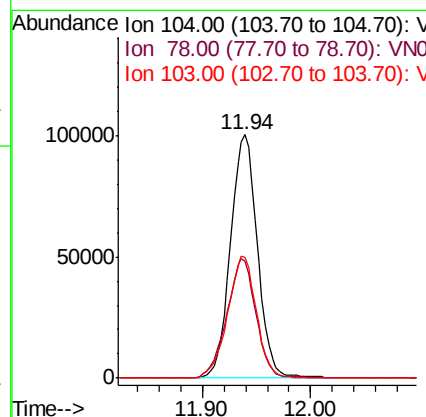
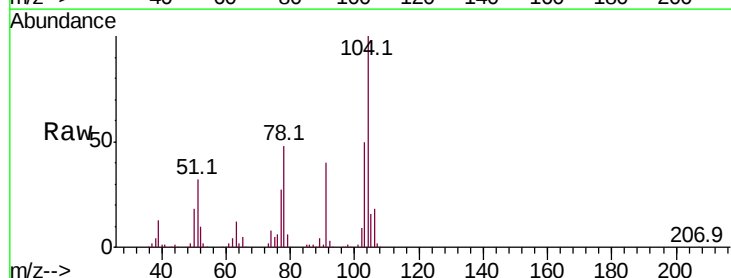
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS01

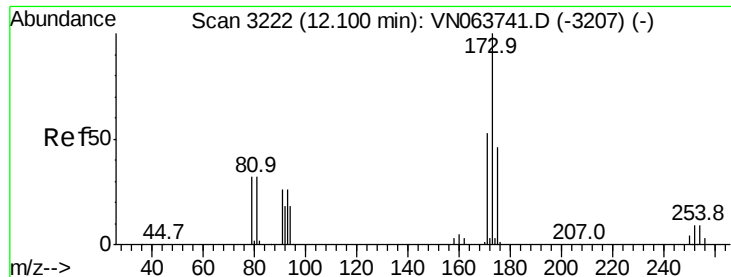
Tot Ion:106 Resp: 101449
Ion Ratio Lower Upper
106 100
91 228.6 112.7 338.0



#70
Styrene
Concen: 19.403 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

Tgt Ion:104 Resp: 175217
Ion Ratio Lower Upper
104 100
78 52.6 44.1 66.1
103 53.2 44.3 66.5





#71

Bromoform

Concen: 18.292 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS01

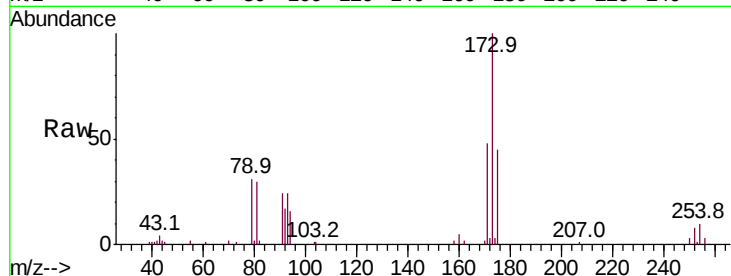
Tot Ion:173 Resp: 45014

Ion Ratio Lower Upper

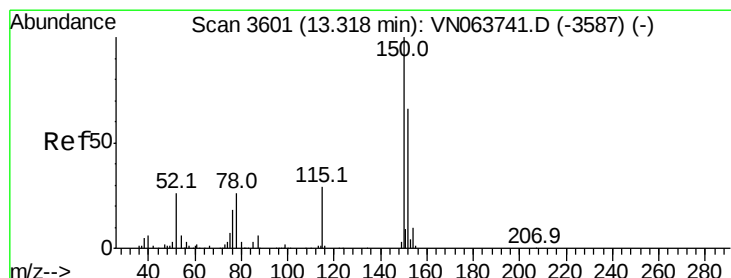
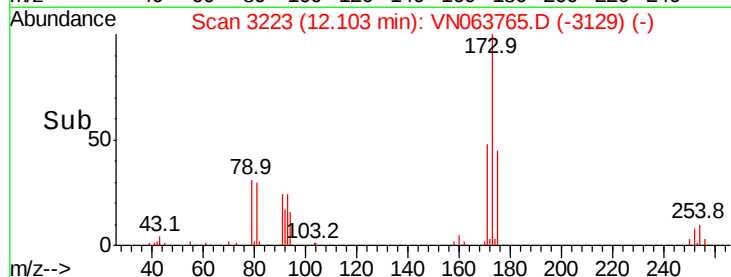
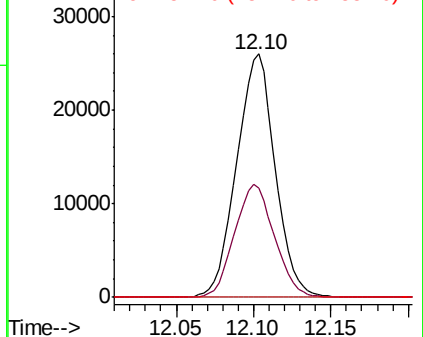
173 100

175 47.9 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: VN063765.D

Acq: 1 Oct 2020 12:29

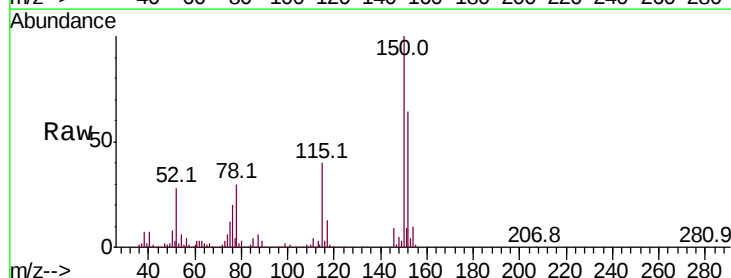
Tgt Ion:152 Resp: 189076

Ion Ratio Lower Upper

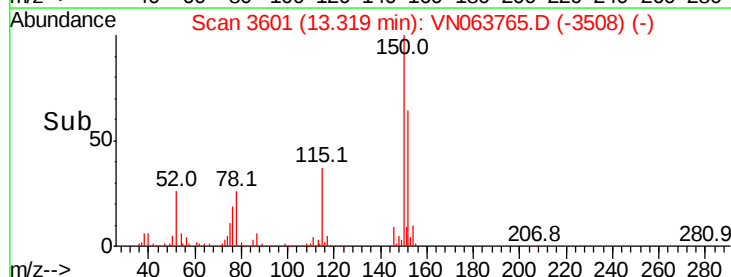
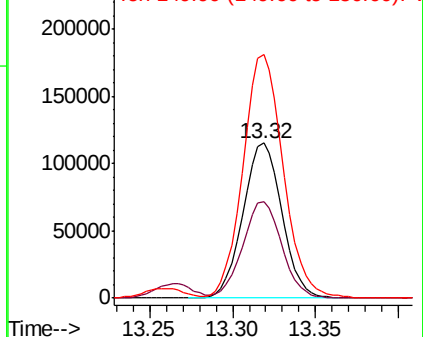
152 100

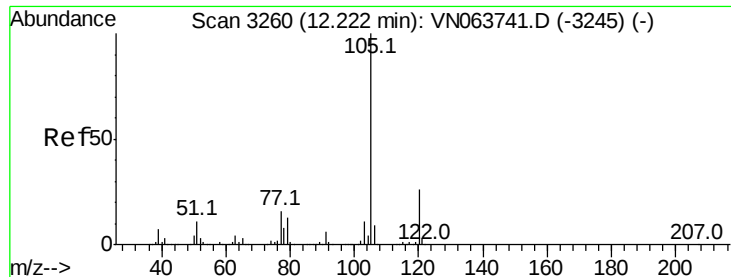
115 62.3 31.3 93.8

150 161.4 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: 20.129 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

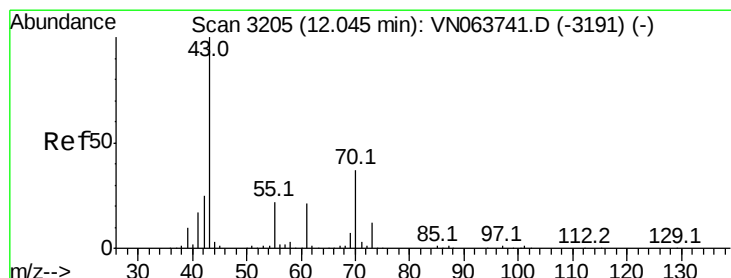
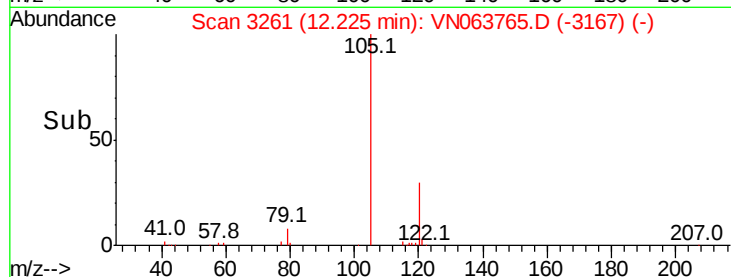
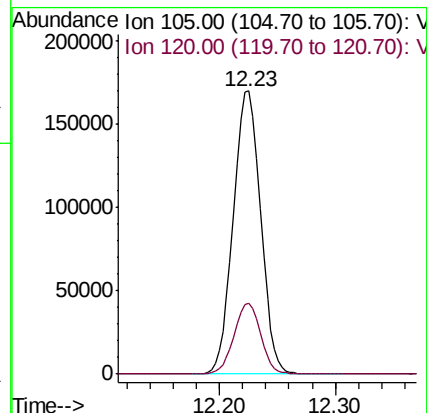
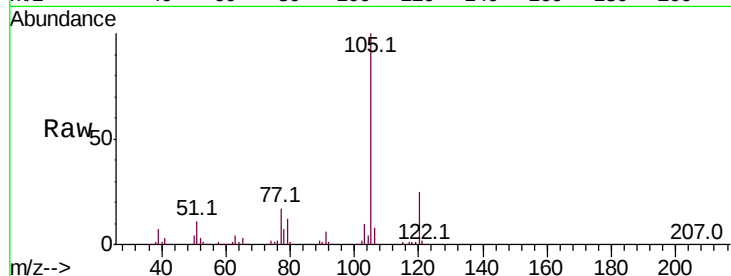
VN1001WBS01

Tot Ion:105 Resp: 277597

Ion Ratio Lower Upper

105 100

120 24.4 12.6 37.8



#74

N-ethyl acetate

Concen: 19.796 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Tgt Ion: 43 Resp: 117914

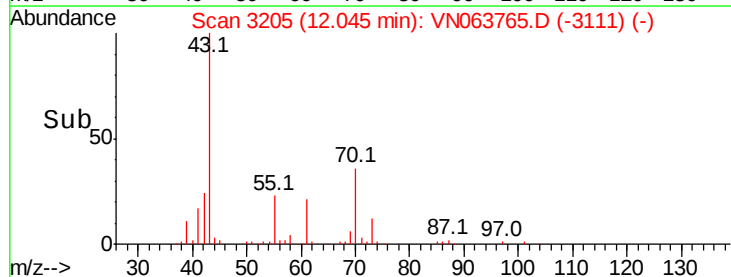
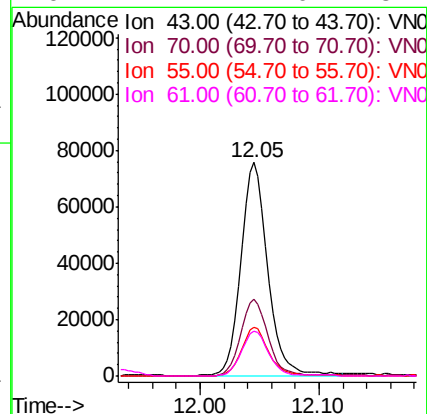
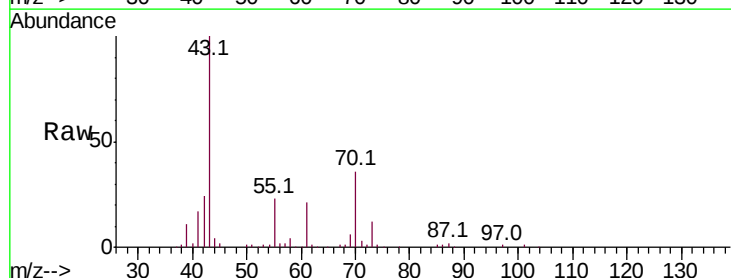
Ion Ratio Lower Upper

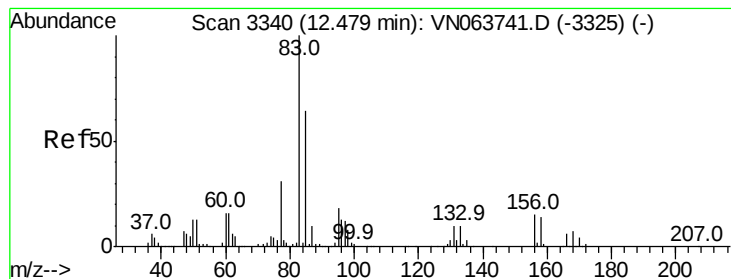
43 100

70 36.4 29.8 44.8

55 23.1 17.9 26.9

61 21.7 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.421 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS01

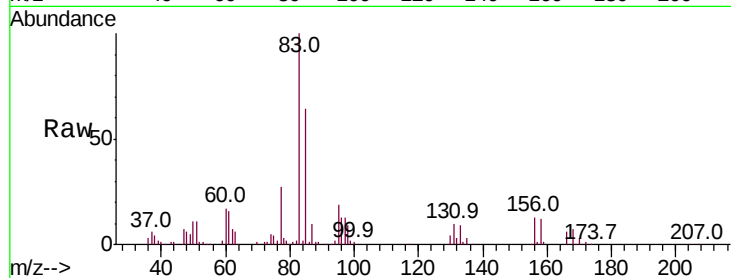
Tot Ion: 83 Resp: 86120

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

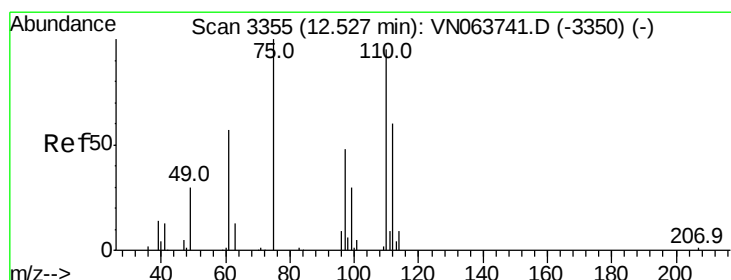
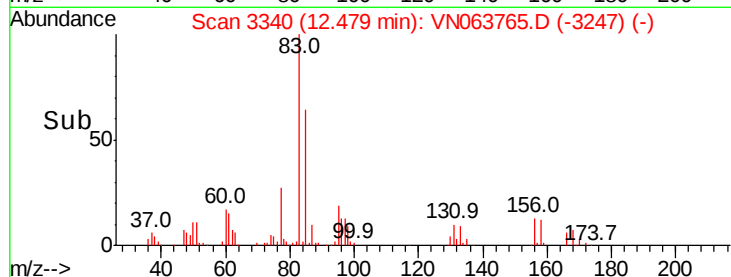
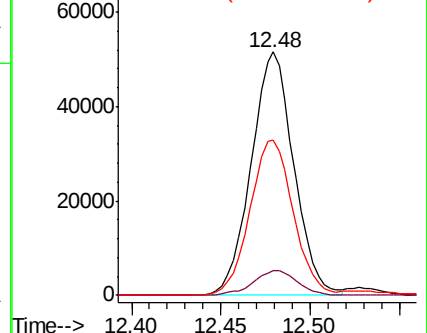
85 64.5 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063765.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063765.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063765.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 28.959 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063765.D

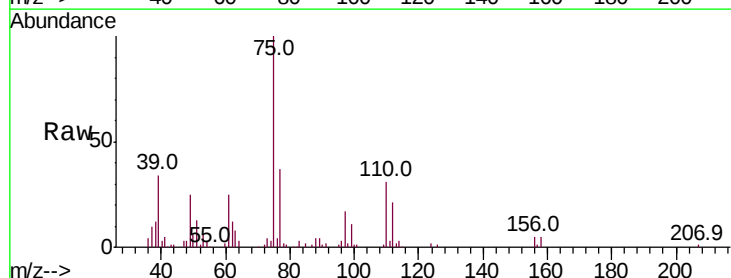
Acq: 1 Oct 2020 12:29

Tgt Ion: 75 Resp: 120699

Ion Ratio Lower Upper

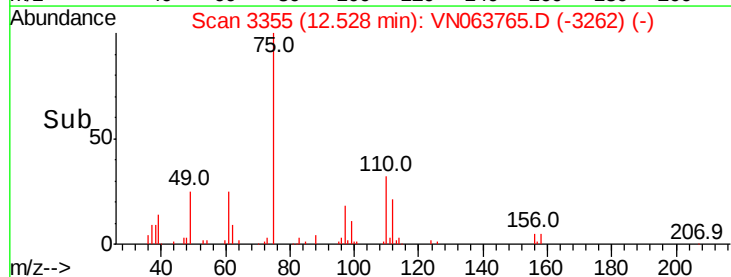
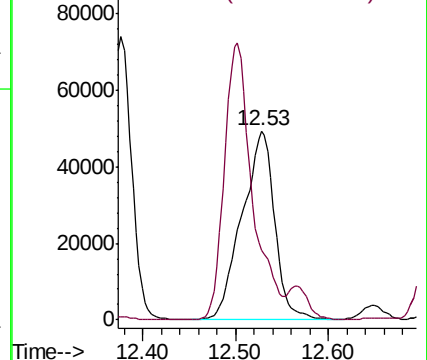
75 100

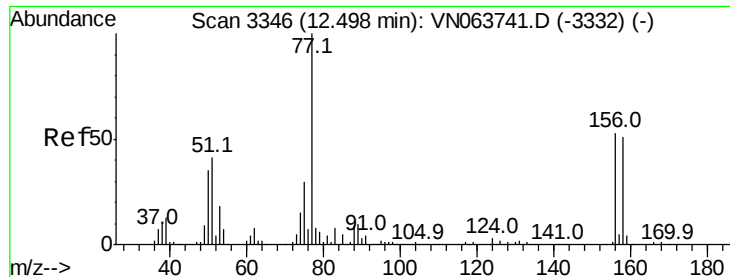
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063765.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063765.D (-3262) (-)





#77

Bromobenzene

Concen: 19.640 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS01

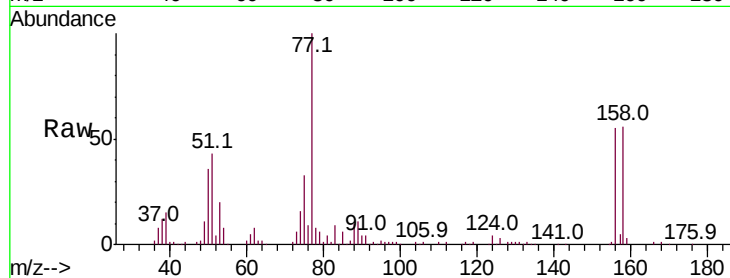
Tot Ion:156 Resp: 66462

Ion Ratio Lower Upper

156 100

77 228.8 110.9 332.7

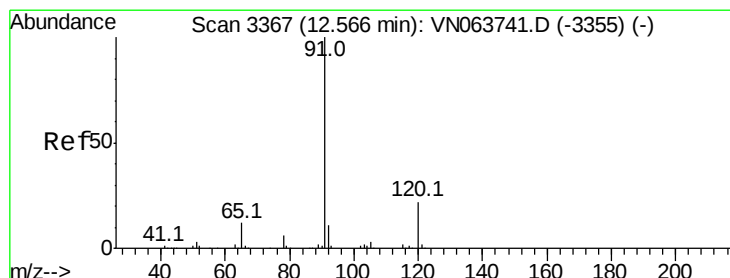
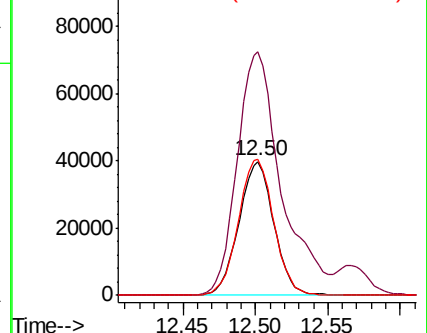
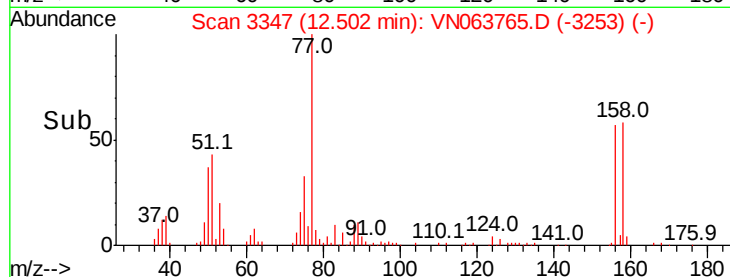
158 103.2 47.7 143.1



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: 19.386 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063765.D

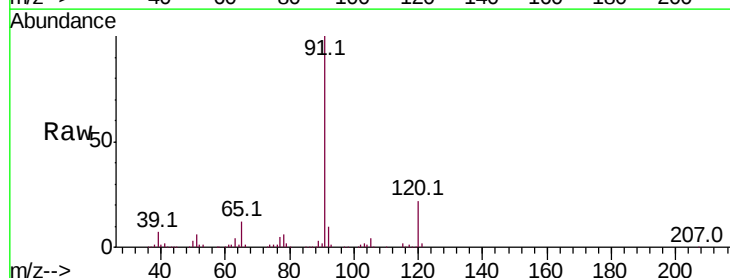
Acq: 1 Oct 2020 12:29

Tgt Ion: 91 Resp: 311152

Ion Ratio Lower Upper

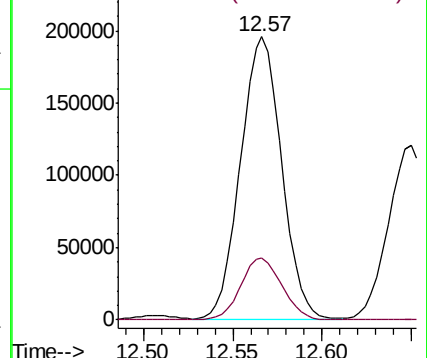
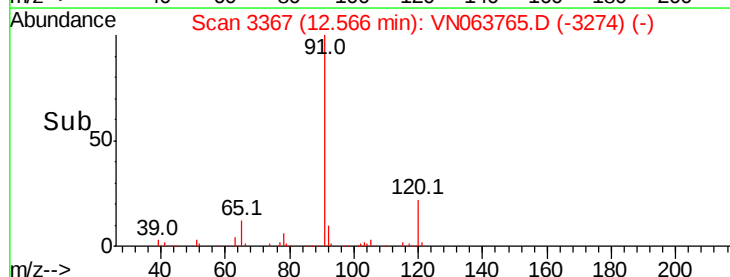
91 100

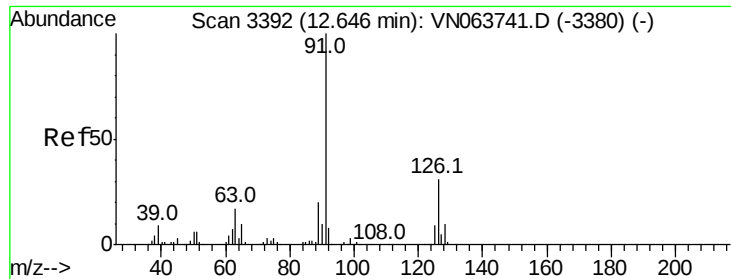
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

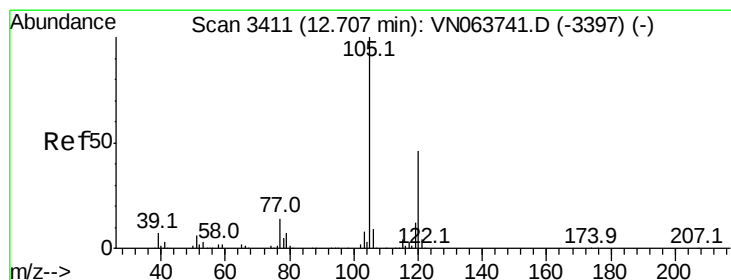
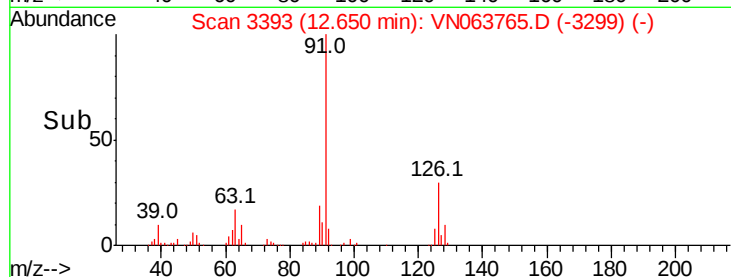
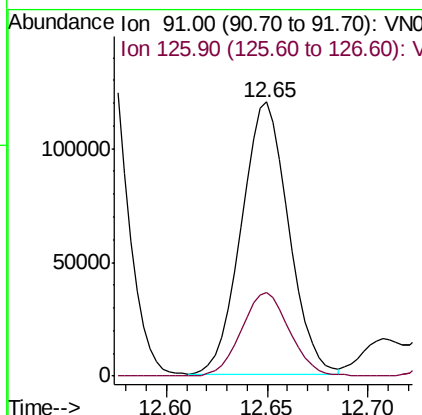
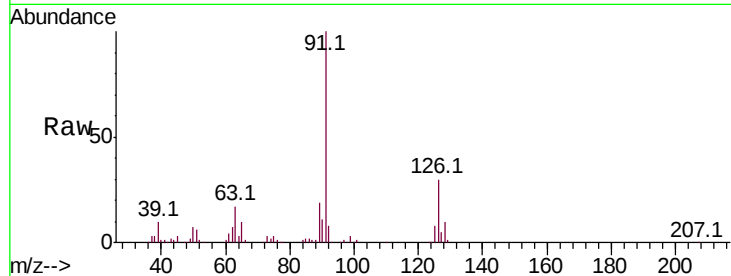




#79
 2-Chlorotoluene
 Concen: 19.947 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063765.D
 Acq: 1 Oct 2020 12:29

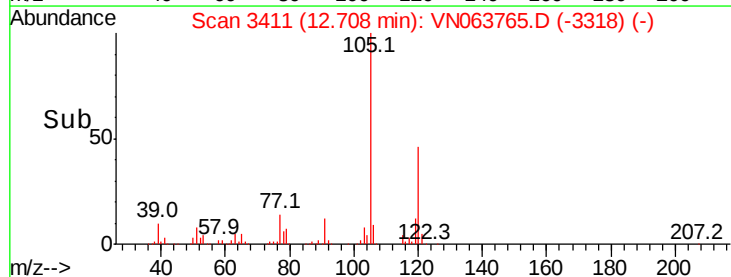
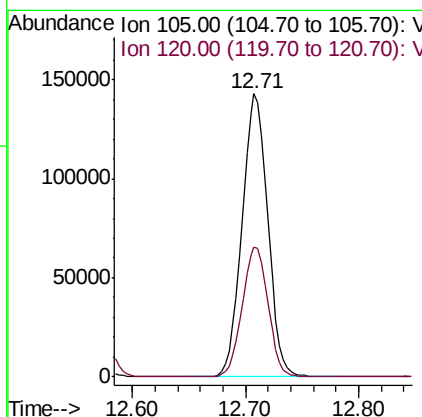
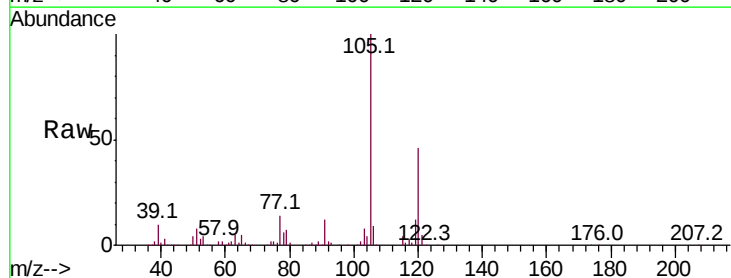
Instrument :
 MSVOA_N
 ClientSampled :
 VN1001WBS01

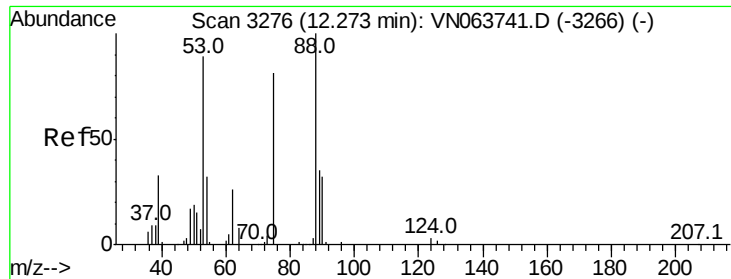
Tot Ion: 91 Resp: 196895
 Ion Ratio Lower Upper
 91 100
 126 31.3 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.560 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063765.D
 Acq: 1 Oct 2020 12:29

Tgt Ion: 105 Resp: 226314
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 20.216 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS01

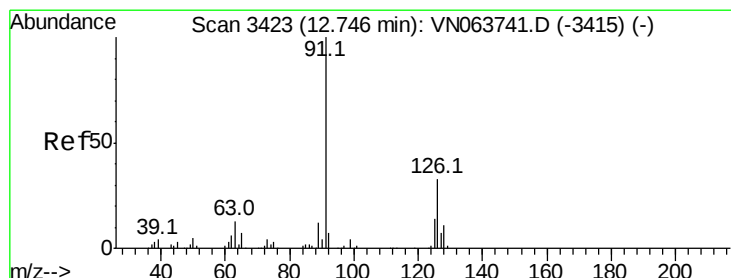
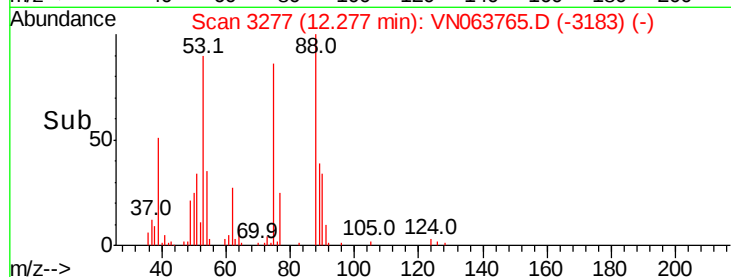
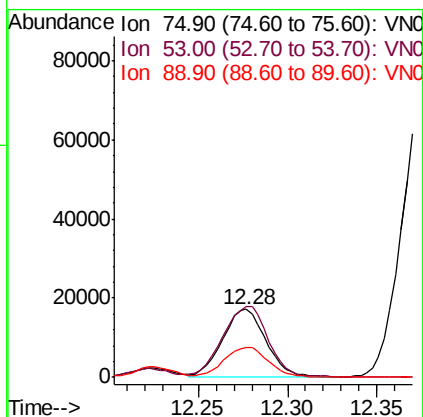
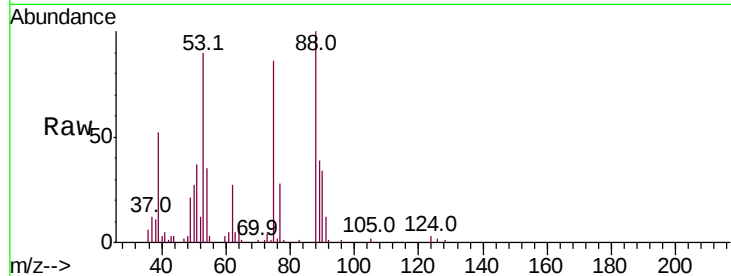
Tot Ion: 75 Resp: 29255

Ion Ratio Lower Upper

75 100

53 109.3 88.2 132.2

89 44.9 36.0 54.0



#82

4-Chlorotoluene

Concen: 19.799 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063765.D

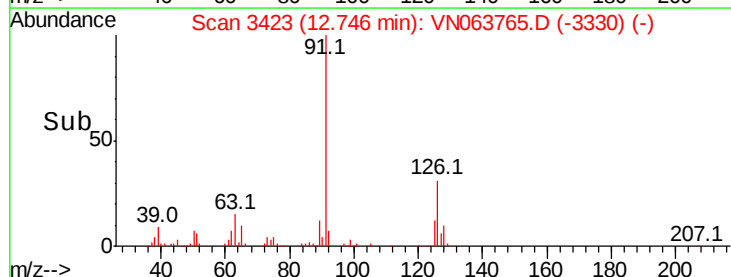
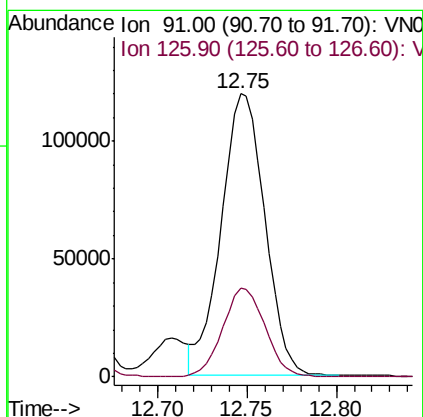
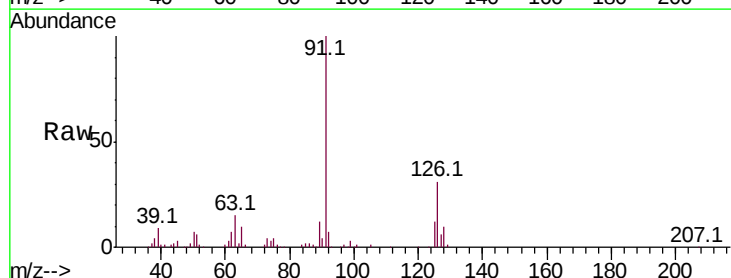
Acq: 1 Oct 2020 12:29

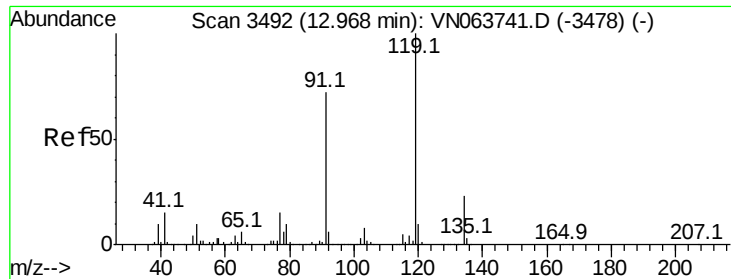
Tgt Ion: 91 Resp: 202883

Ion Ratio Lower Upper

91 100

126 30.9 15.4 46.2

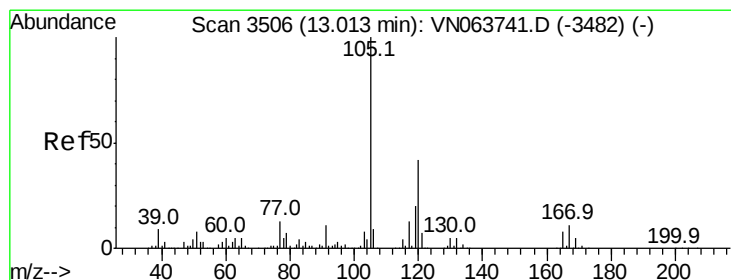
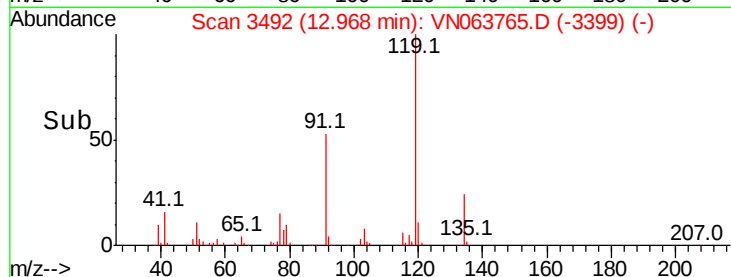
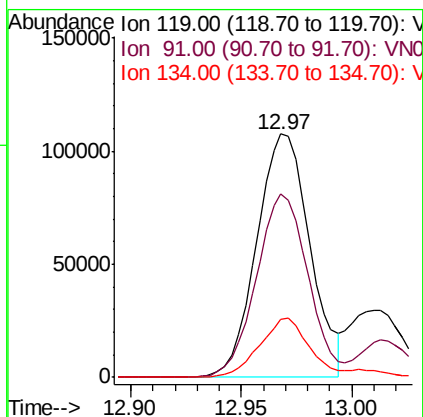
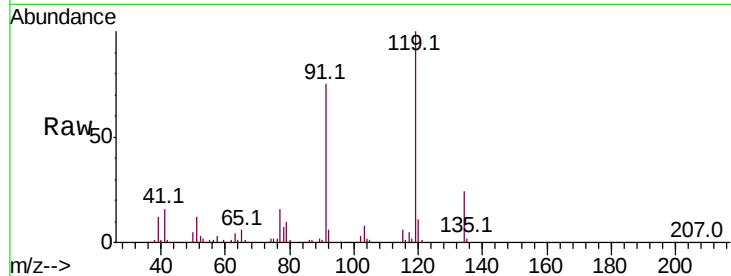




#83
tert-Butylbenzene
Concen: 18.985 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

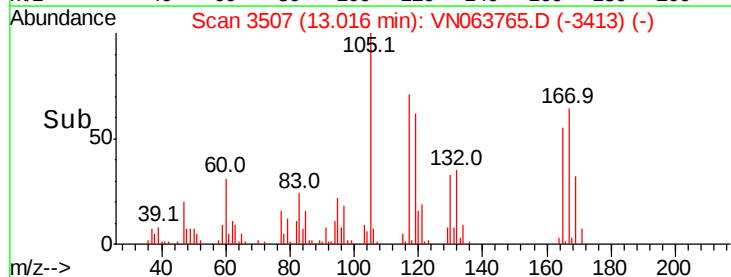
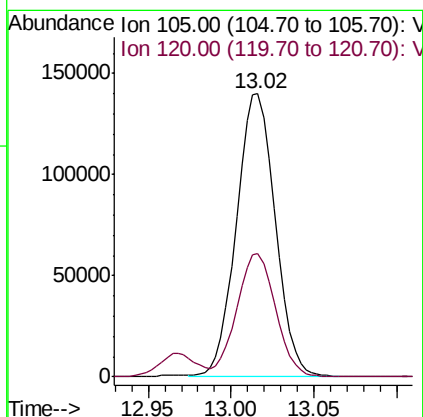
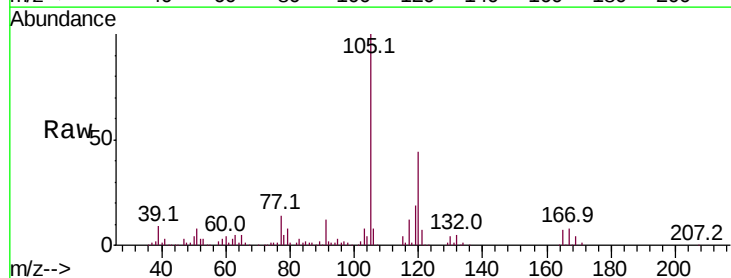
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS01

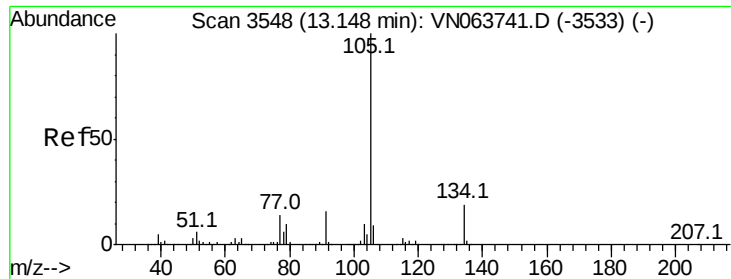
Tot Ion:119 Resp: 179671
Ion Ratio Lower Upper
119 100
91 73.7 35.5 106.5
134 22.8 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 19.545 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

Tgt Ion:105 Resp: 225772
Ion Ratio Lower Upper
105 100
120 44.0 20.9 62.7





#85

sec-Butylbenzene

Concen: 19.108 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

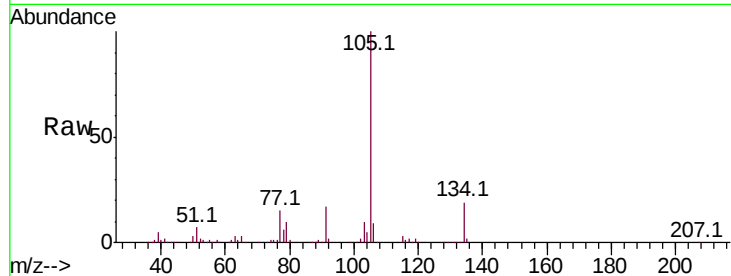
VN1001WBS01

Tot Ion:105 Resp: 237523

Ion Ratio Lower Upper

105 100

134 18.9 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

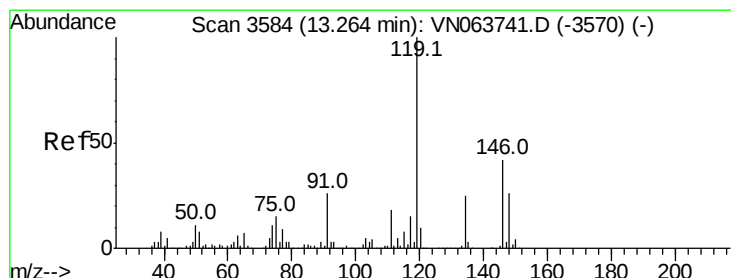
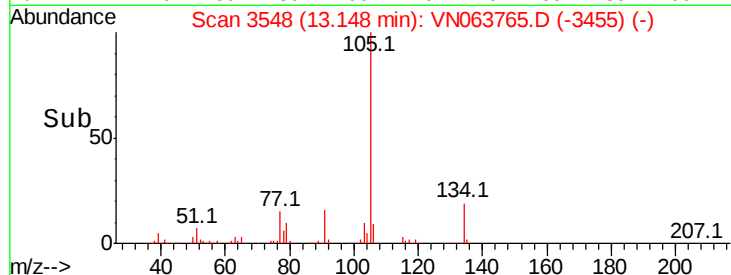
100000

50000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 19.175 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

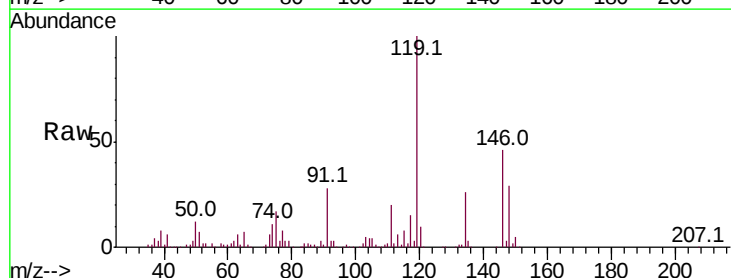
Tgt Ion:119 Resp: 210856

Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.8

91 27.3 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

150000

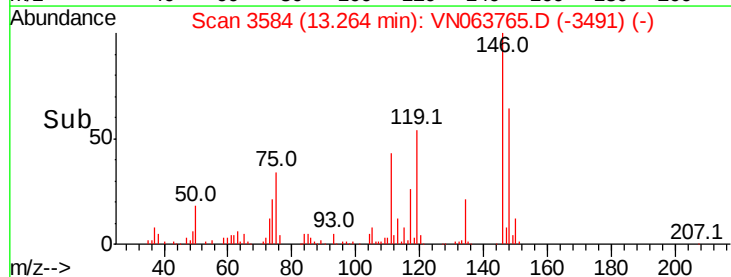
100000

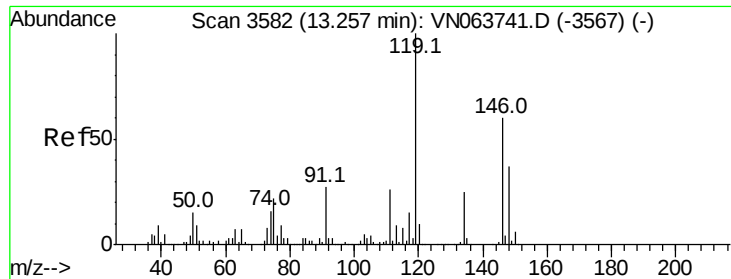
50000

0

13.20 13.25 13.30

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.380 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

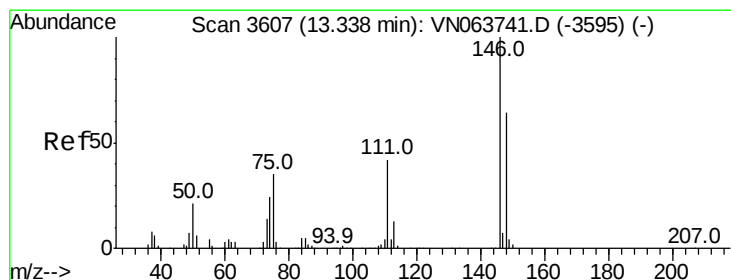
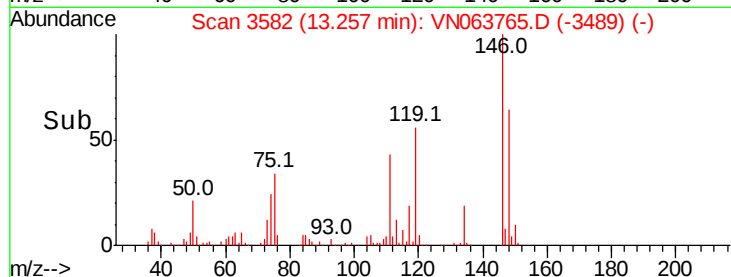
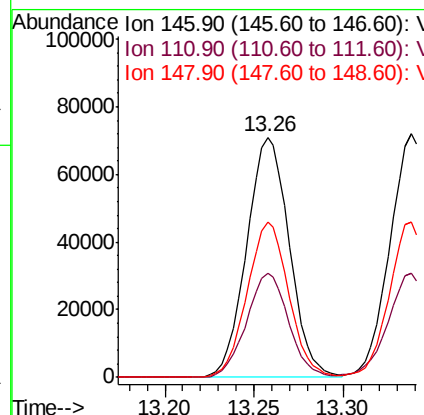
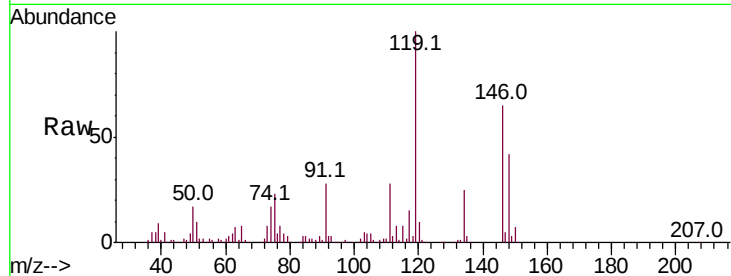
Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBS01

Tot Ion:146 Resp: 118648

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.5	64.5
148	63.2	31.1	93.3



#88

1,4-Dichlorobenzene

Concen: 18.754 ug/l

RT: 13.34 min Scan# 3607

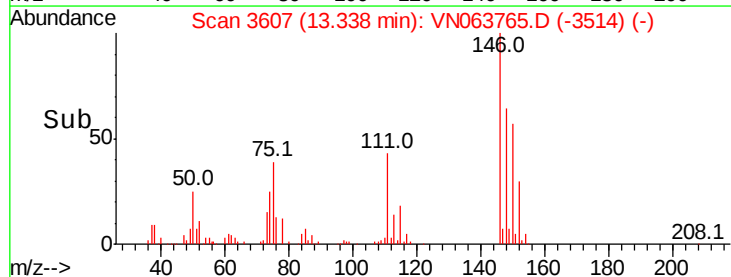
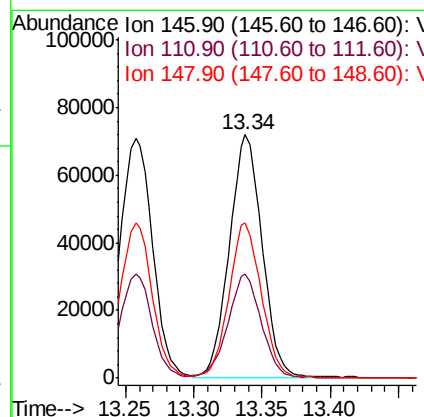
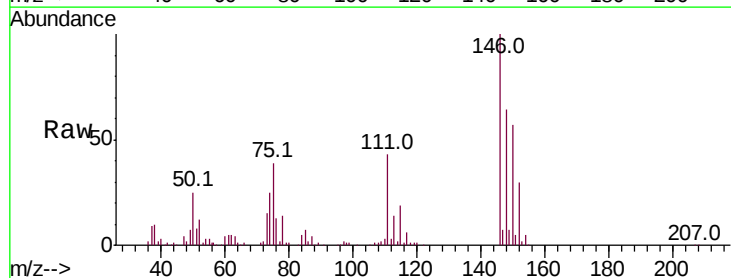
Delta R.T. 0.00 min

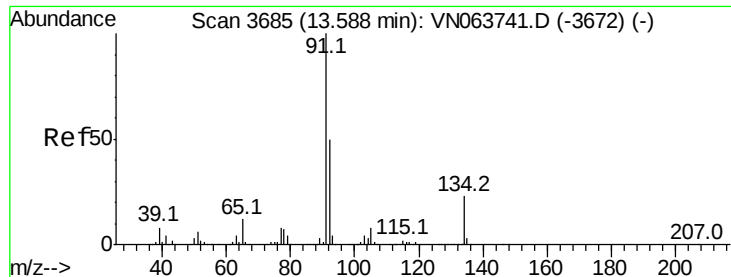
Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Tgt Ion:146 Resp: 119545

Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.3	63.7
148	62.9	32.0	96.0

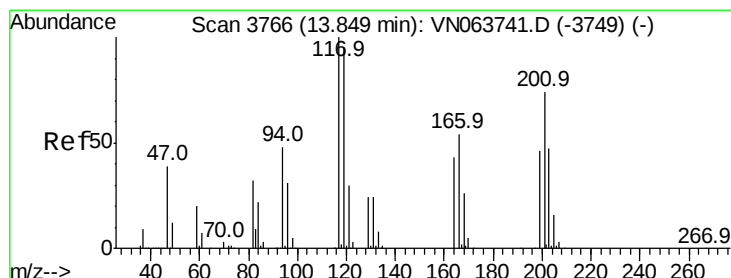
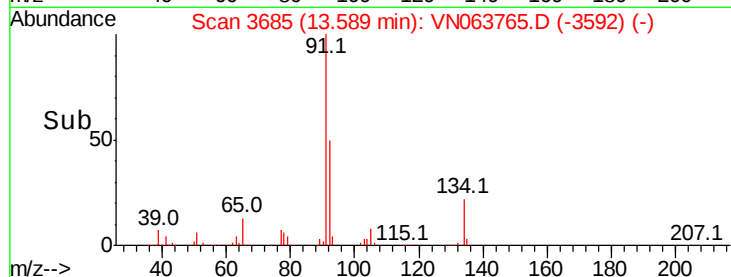
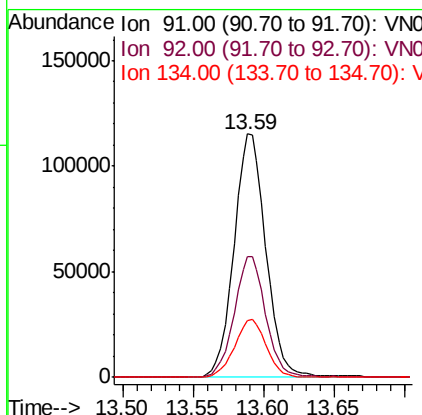
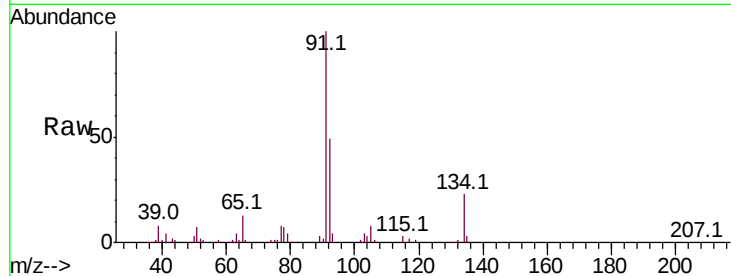




#89
n-Butylbenzene
Concen: 17.960 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

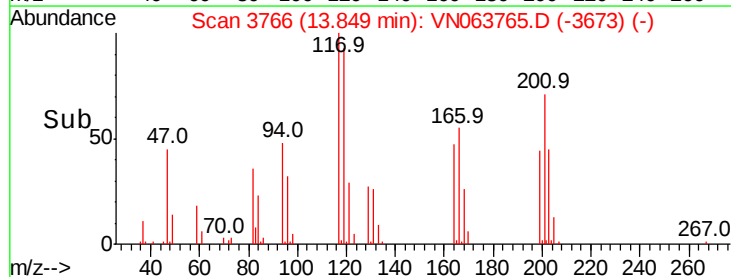
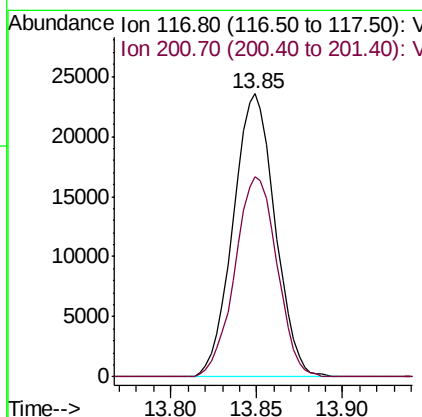
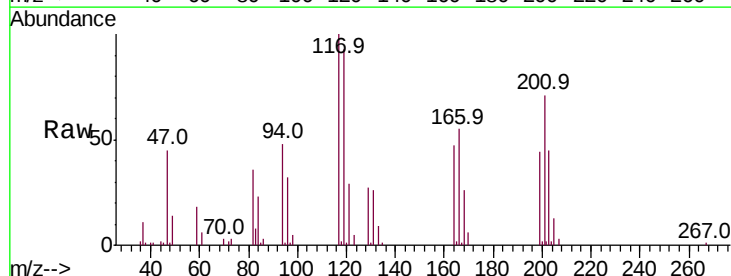
Instrument :
MSVOA_N
ClientSampled :
VN1001WBS01

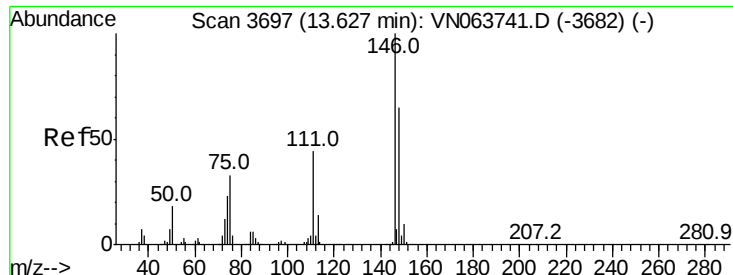
Tot Ion: 91 Resp: 182288
Ion Ratio Lower Upper
91 100
92 49.0 25.4 76.4
134 23.7 11.7 35.1



#90
Hexachloroethane
Concen: 18.773 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063765.D
Acq: 1 Oct 2020 12:29

Tgt Ion: 117 Resp: 40003
Ion Ratio Lower Upper
117 100
201 70.9 36.0 108.0

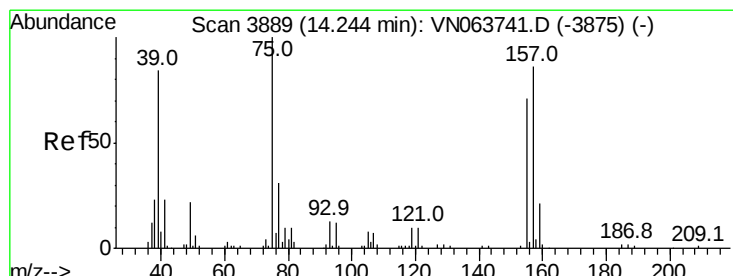
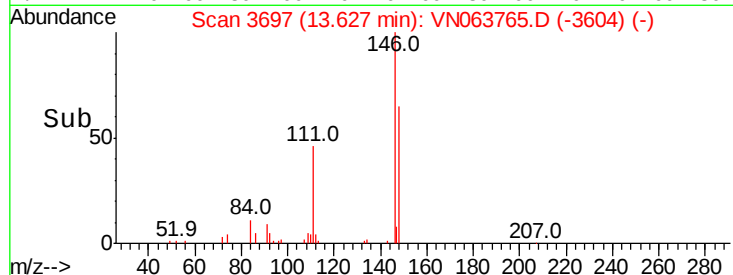
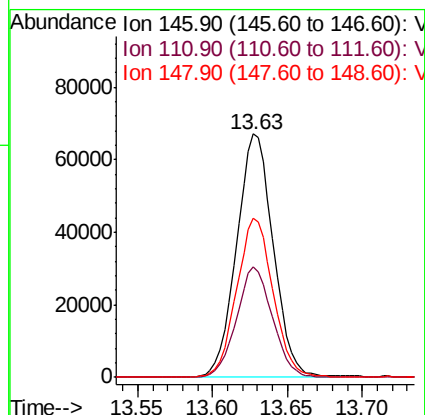
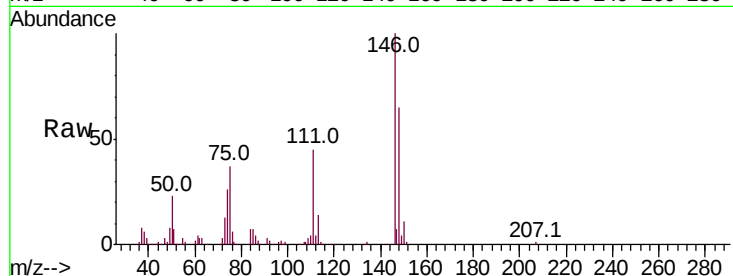




#91
 1,2-Dichlorobenzene
 Concen: 18.881 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063765.D
 Acq: 1 Oct 2020 12:29

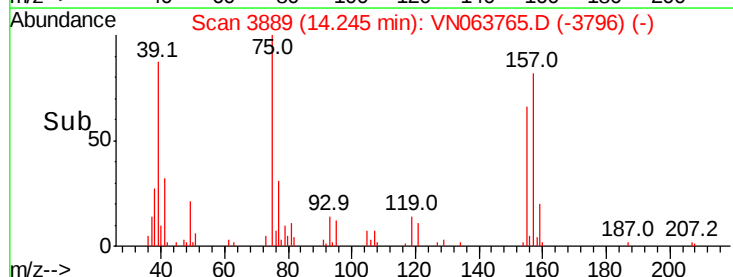
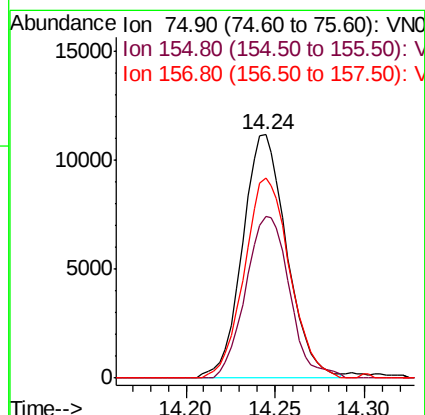
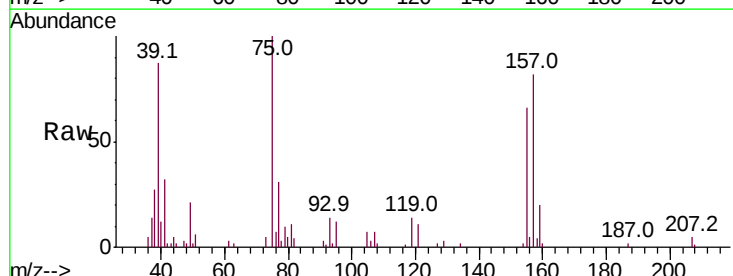
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBS01

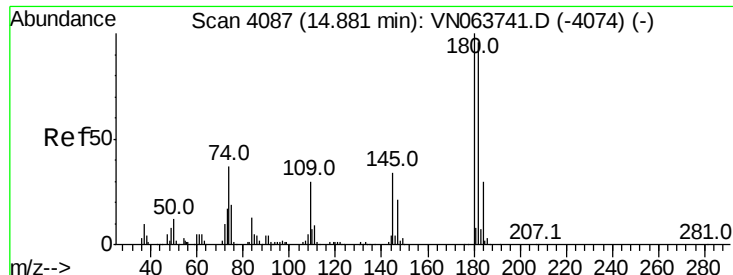
Tot Ion:146 Resp: 114488
 Ion Ratio Lower Upper
 146 100
 111 44.4 22.2 66.6
 148 64.9 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.620 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063765.D
 Acq: 1 Oct 2020 12:29

Tgt Ion: 75 Resp: 19404
 Ion Ratio Lower Upper
 75 100
 155 65.9 34.8 104.5
 157 84.4 43.7 131.1





#93

1,2,4-Trichlorobenzene

Concen: 17.728 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBS01

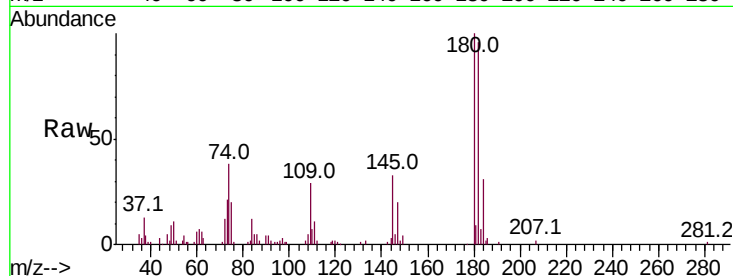
Tot Ion:180 Resp: 54626

Ion Ratio Lower Upper

180 100

182 95.4 48.2 144.6

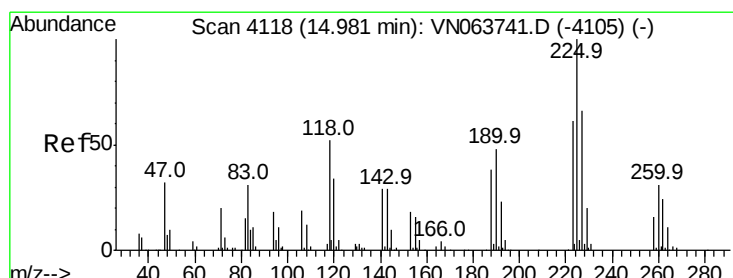
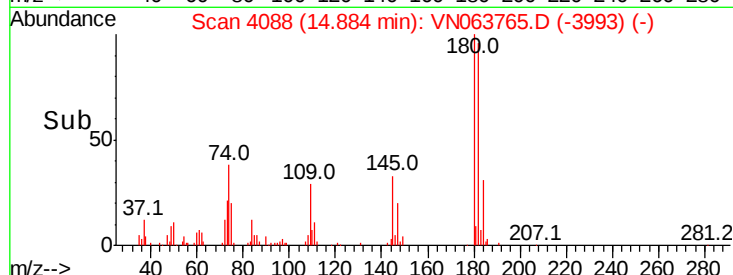
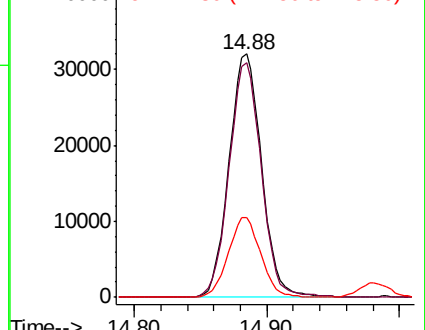
145 32.6 17.1 51.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.173 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

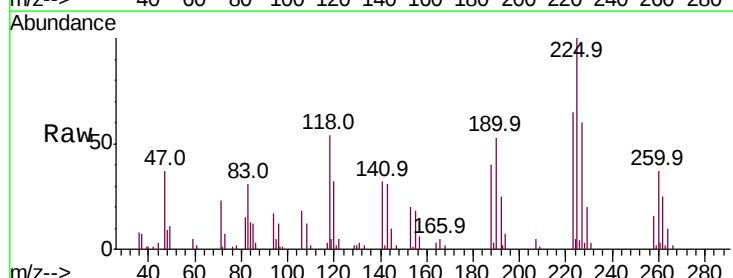
Tgt Ion:225 Resp: 29809

Ion Ratio Lower Upper

225 100

223 64.1 30.3 91.0

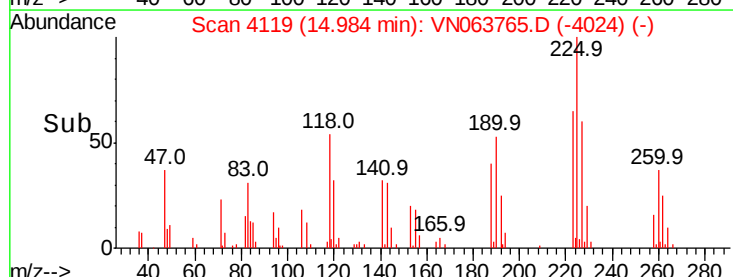
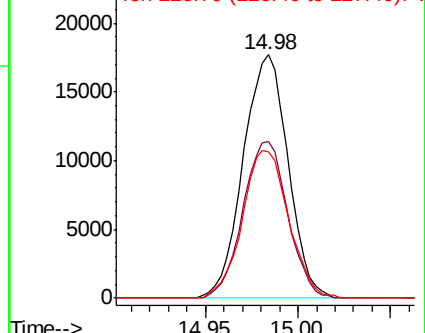
227 62.5 31.9 95.5

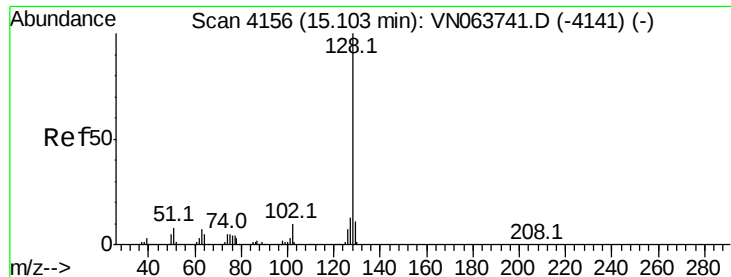


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.927 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

Instrument :

MSVOA_N

ClientSampled :

VN1001WBS01

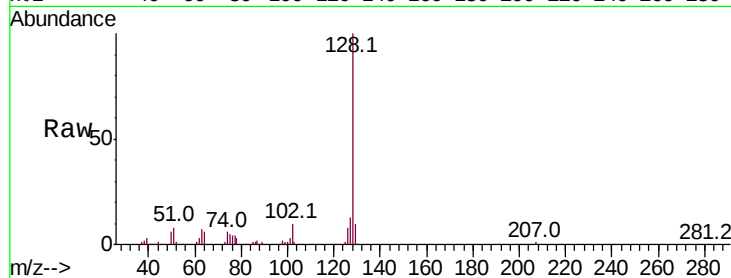
Tot Ion:128 Resp: 180411

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

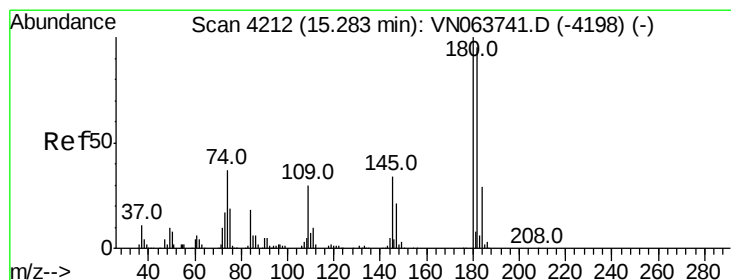
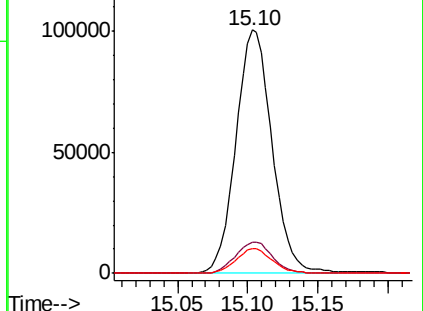
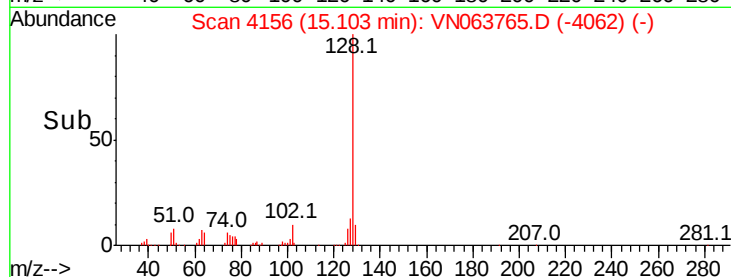
129 10.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.052 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063765.D

Acq: 1 Oct 2020 12:29

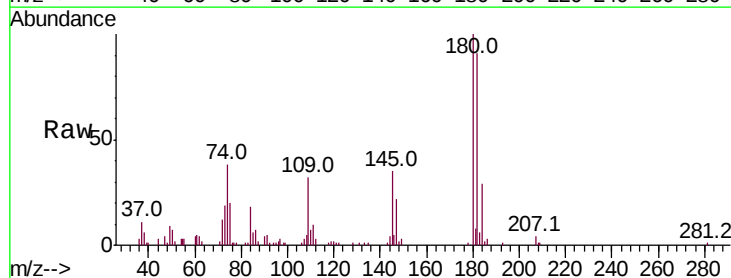
Tgt Ion:180 Resp: 54423

Ion Ratio Lower Upper

180 100

182 93.8 47.9 143.6

145 33.7 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

