

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063766.D
 Acq On : 1 Oct 2020 12:58
 Operator : JC/MD
 Sample : VN1001WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

Quant Time: Oct 02 02:13:03 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	251399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	422050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183518	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	211082	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	7.55	113	144124	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	10.06	98	541170	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.38	95	197173	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	48319	18.215	ug/l	99
3) Chloromethane	2.04	50	55021	17.677	ug/l	97
4) Vinyl Chloride	2.16	62	55946	17.906	ug/l	100
5) Bromomethane	2.53	94	37737	19.202	ug/l	93
6) Chloroethane	2.68	64	35649	19.095	ug/l	99
7) Trichlorofluoromethane	2.98	101	93646	18.899	ug/l	96
8) Diethyl Ether	3.38	74	34436	20.549	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	50655	19.126	ug/l	98
10) Methyl Iodide	3.91	142	54231	17.635	ug/l	98
11) Tert butyl alcohol	4.73	59	49108	107.097	ug/l #	88
12) 1,1-Dichloroethene	3.70	96	48654	19.219	ug/l	97
13) Acrolein	3.57	56	26800	95.230	ug/l	97
14) Allyl chloride	4.28	41	90934	19.335	ug/l	99
15) Acrylonitrile	4.93	53	129700	98.817	ug/l	99
16) Acetone	3.77	43	128156	100.238	ug/l	99
17) Carbon Disulfide	4.01	76	129936	19.425	ug/l	99
18) Methyl Acetate	4.28	43	66848	20.138	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	185778	20.199	ug/l	99
20) Methylene Chloride	4.51	84	58988	20.202	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	52488	18.511	ug/l	93
22) Diisopropyl ether	5.90	45	194311	20.081	ug/l	96
23) Vinyl Acetate	5.84	43	811847	101.285	ug/l	98
24) 1,1-Dichloroethane	5.79	63	107277	19.390	ug/l	97
25) 2-Butanone	6.78	43	189253	104.409	ug/l	97
26) 2,2-Dichloropropane	6.78	77	96733	19.092	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	64111	19.659	ug/l	98
28) Bromochloromethane	7.15	49	63539	23.236	ug/l	99
29) Tetrahydrofuran	7.16	42	120522	99.137	ug/l	98
30) Chloroform	7.33	83	110792	19.205	ug/l	96
31) Cyclohexane	7.62	56	90741	18.819	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	102511	19.701	ug/l	99
36) 1,1-Dichloropropene	7.75	75	80641	18.860	ug/l	99
37) Ethyl Acetate	6.88	43	81141	19.101	ug/l	99
38) Carbon Tetrachloride	7.73	117	88003	18.355	ug/l	96

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Quant Time: Oct 02 02:13:03 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)
39) Methylcyclohexane	9.05	83	75914	17.804	ug/l	99
40) Benzene	8.00	78	231948	18.992	ug/l	100
41) Methacrylonitrile	7.13	41	36605	19.388	ug/l #	87
42) 1,2-Dichloroethane	8.08	62	103961	19.942	ug/l	99
43) Isopropyl Acetate	8.13	43	138477	19.763	ug/l	100
44) Trichloroethene	8.80	130	58702	18.345	ug/l	99
45) 1,2-Dichloropropane	9.08	63	64755	19.633	ug/l	99
46) Dibromomethane	9.17	93	44012	19.343	ug/l	99
47) Bromodichloromethane	9.37	83	92458	19.717	ug/l	96
48) Methyl methacrylate	9.17	41	70878	20.474	ug/l	94
49) 1,4-Dioxane	9.16	88	20136	409.260	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	417430	101.515	ug/l	100
52) Toluene	10.12	92	146632	19.411	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	96927	19.283	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	101719	19.349	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	59891	19.770	ug/l	99
56) Ethyl methacrylate	10.40	69	86688	20.188	ug/l	98
57) 1,3-Dichloropropane	10.68	76	103782	20.249	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	238569	103.864	ug/l	99
59) 2-Hexanone	10.72	43	303578	99.382	ug/l	99
60) Dibromochloromethane	10.87	129	66518	18.854	ug/l	98
61) 1,2-Dibromoethane	10.98	107	62391	20.134	ug/l	99
64) Tetrachloroethene	10.60	164	54775	18.251	ug/l	98
65) Chlorobenzene	11.41	112	154233	19.382	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	60981	19.989	ug/l	100
67) Ethyl Benzene	11.48	91	282239	19.492	ug/l	100
68) m/p-Xylenes	11.60	106	203791	37.763	ug/l	97
69) o-Xylene	11.92	106	99778	19.782	ug/l	98
70) Styrene	11.94	104	167791	19.597	ug/l	100
71) Bromoform	12.10	173	44498	19.072	ug/l #	97
73) Isopropylbenzene	12.23	105	264638	19.770	ug/l	100
74) N-amyl acetate	12.05	43	119676	20.600	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	84156	20.560	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	114643	28.339	ug/l #	100
77) Bromobenzene	12.50	156	65346	19.895	ug/l	96
78) n-propylbenzene	12.57	91	302811	19.438	ug/l	100
79) 2-Chlorotoluene	12.65	91	185497	19.361	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	222936	19.852	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	27256	19.405	ug/l	95
82) 4-Chlorotoluene	12.75	91	197567	19.864	ug/l	100
83) tert-Butylbenzene	12.97	119	181159	19.722	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	227480	20.289	ug/l	100
85) sec-Butylbenzene	13.15	105	229591	19.029	ug/l	100
86) p-Isopropyltoluene	13.26	119	211525	19.818	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	115883	19.502	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	116914	18.897	ug/l	99
89) n-Butylbenzene	13.59	91	179699	18.241	ug/l	99
90) Hexachloroethane	13.85	117	39101	18.905	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	114349	19.429	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18600	19.376	ug/l	97

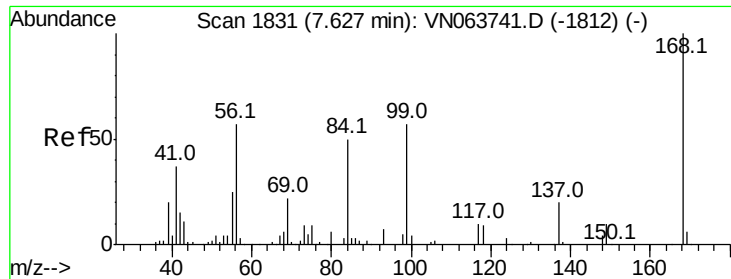
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
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Quant Time: Oct 02 02:13:03 2020
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	55217	18.391	ug/l	99
94) Hexachlorobutadiene	14.98	225	30736	19.302	ug/l	99
95) Naphthalene	15.11	128	179884	19.391	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	54371	18.535	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

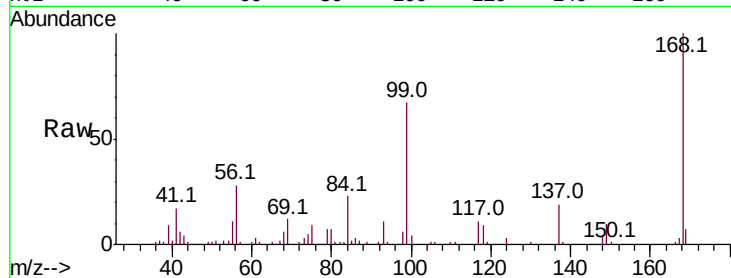
VN1001WBSD01

Tot Ion:168 Resp: 251399

Ion Ratio Lower Upper

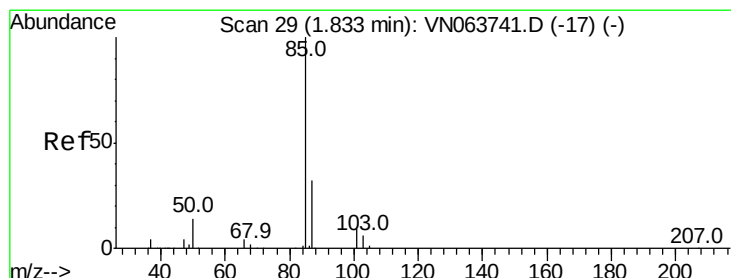
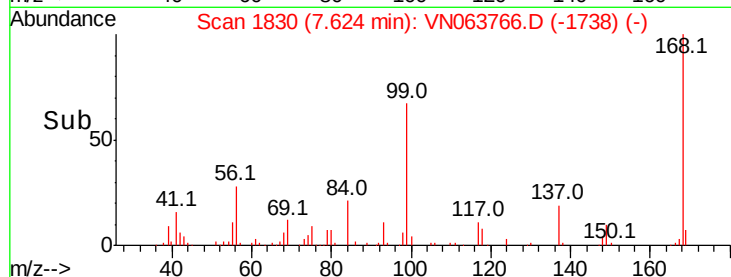
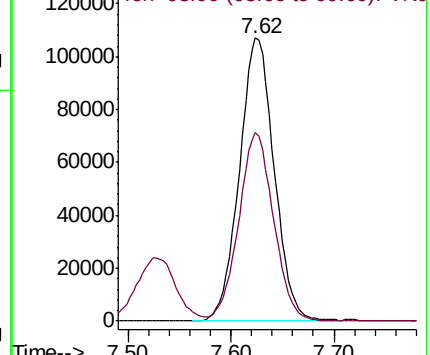
168 100

99 66.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.215 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063766.D

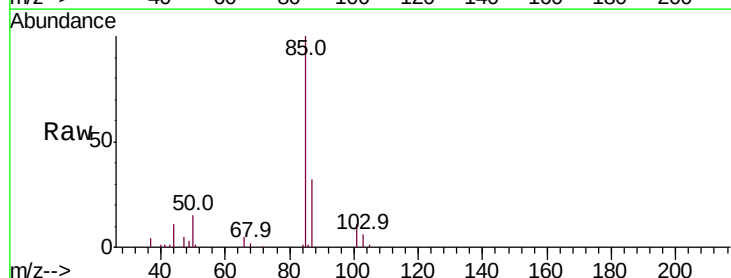
Acq: 1 Oct 2020 12:58

Tgt Ion: 85 Resp: 48319

Ion Ratio Lower Upper

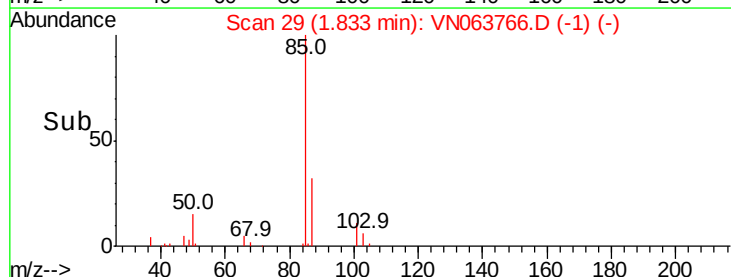
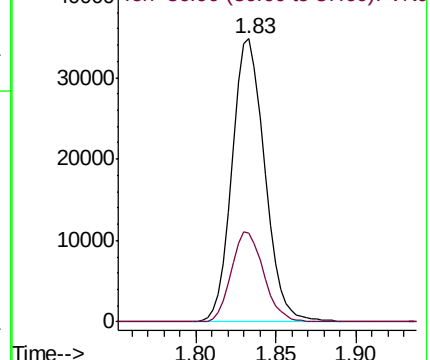
85 100

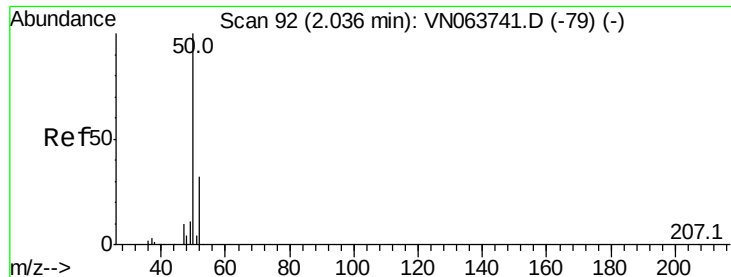
87 31.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

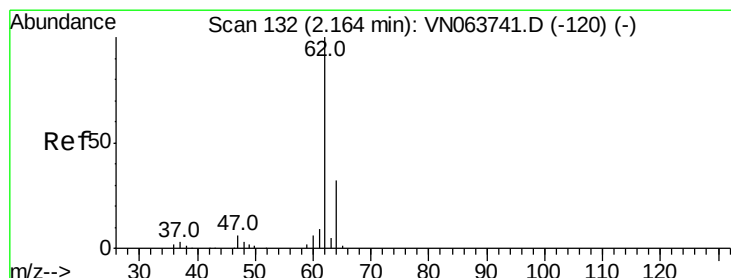
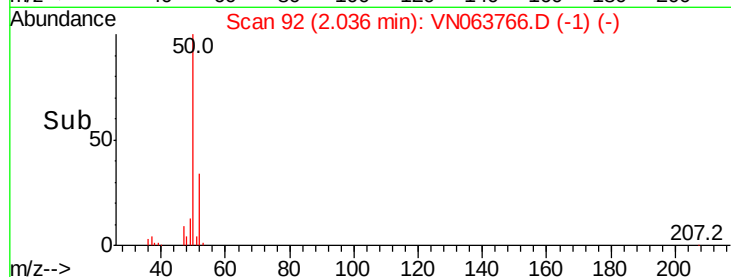
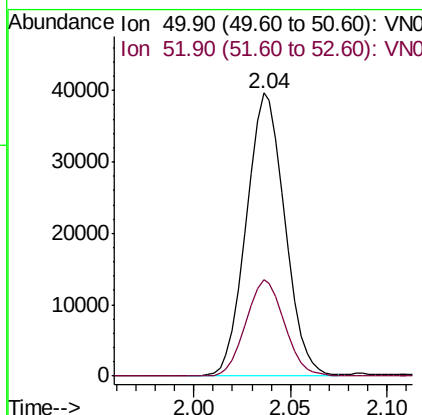
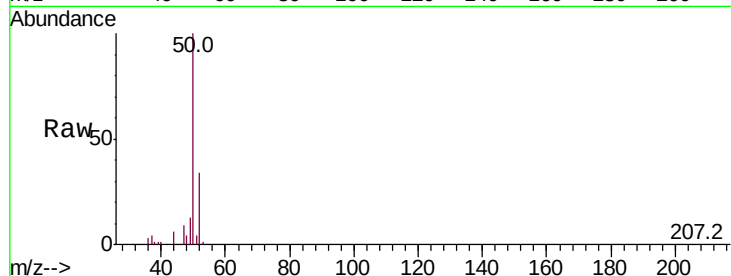




#3
Chloromethane
Concen: 17.677 ug/l
RT: 2.04 min Scan# 92
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

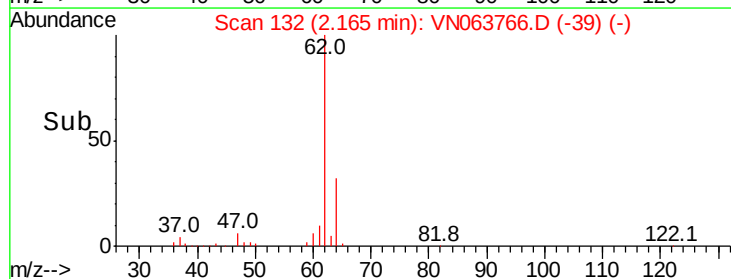
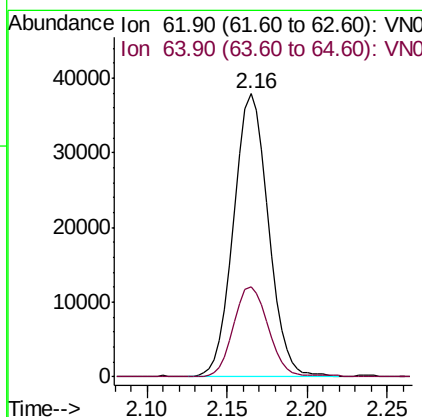
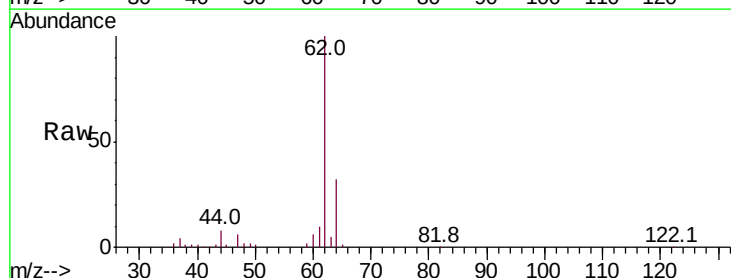
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

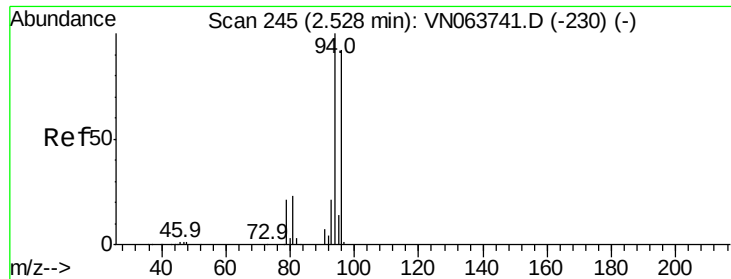
Tot Ion: 50 Resp: 55021
Ion Ratio Lower Upper
50 100
52 34.0 25.8 38.8



#4
Vinyl Chloride
Concen: 17.906 ug/l
RT: 2.16 min Scan# 132
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion: 62 Resp: 55946
Ion Ratio Lower Upper
62 100
64 32.0 25.6 38.4





#5

Bromomethane

Concen: 19.202 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

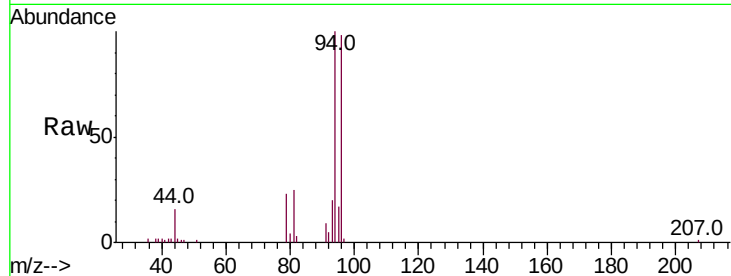
VN1001WBSD01

Tot Ion: 94 Resp: 37737

Ion Ratio Lower Upper

94 100

96 98.4 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

20000

15000

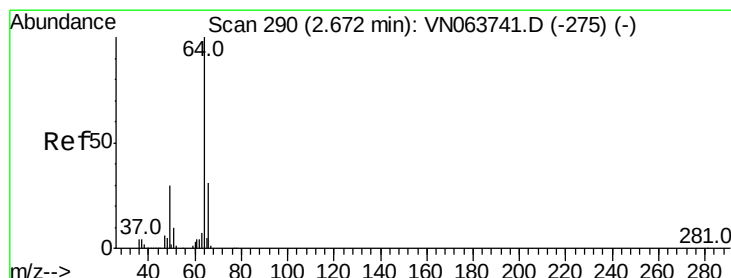
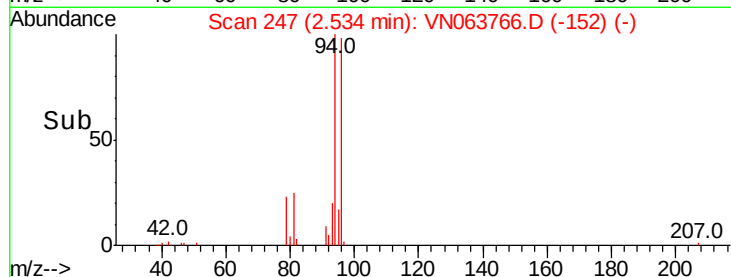
10000

5000

0

2.50 2.60

Time-->



#6

Chloroethane

Concen: 19.095 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063766.D

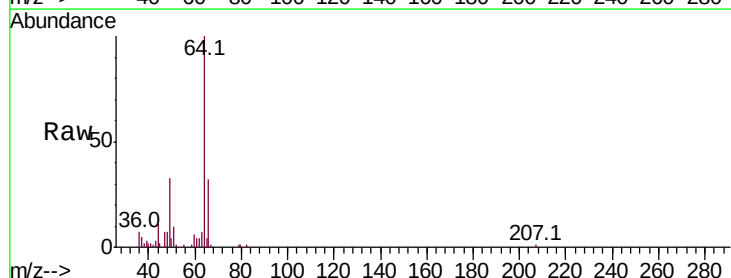
Acq: 1 Oct 2020 12:58

Tgt Ion: 64 Resp: 35649

Ion Ratio Lower Upper

64 100

66 31.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

20000

15000

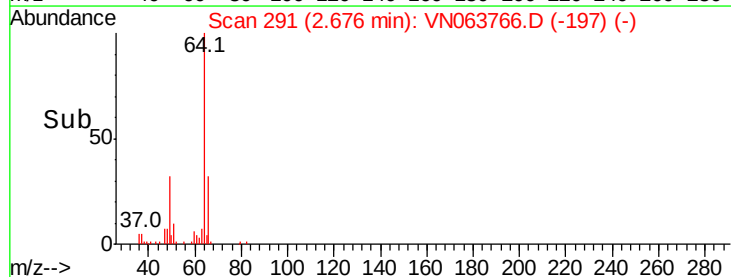
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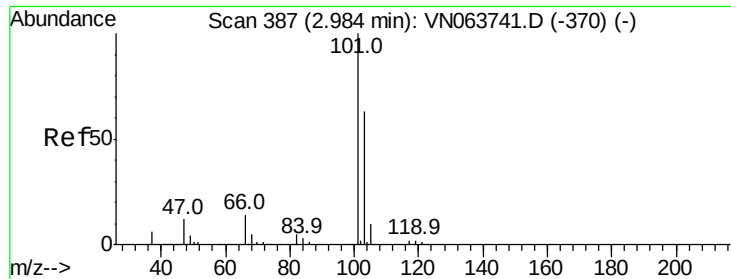
5000

0

2.60 2.65 2.70 2.75

Time-->



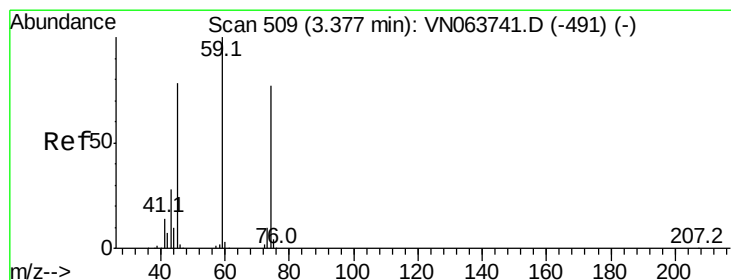
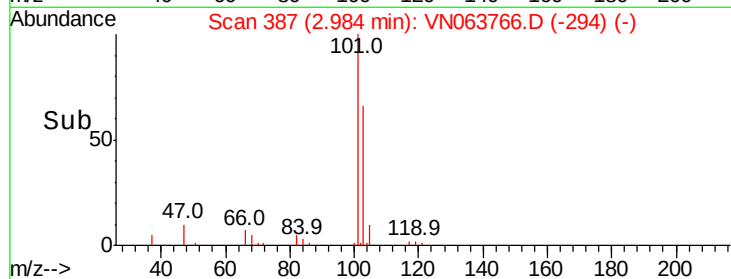
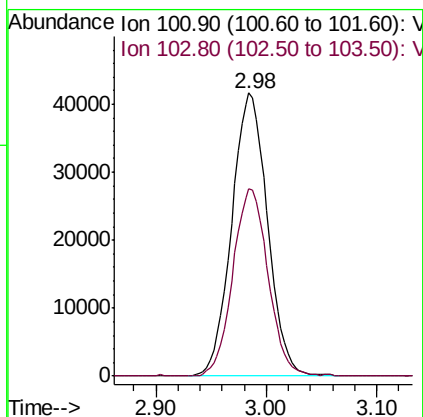
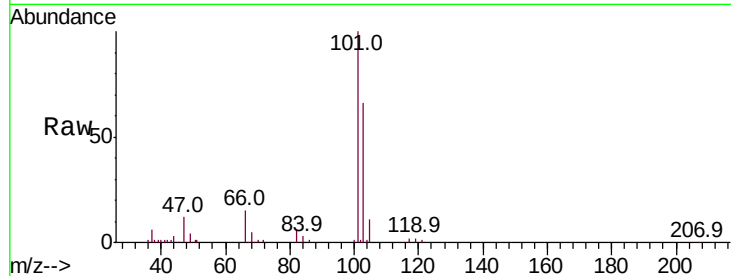


#7

Trichlorofluoromethane
 Concen: 18.899 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

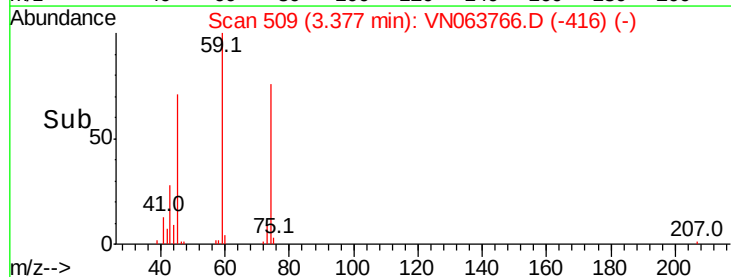
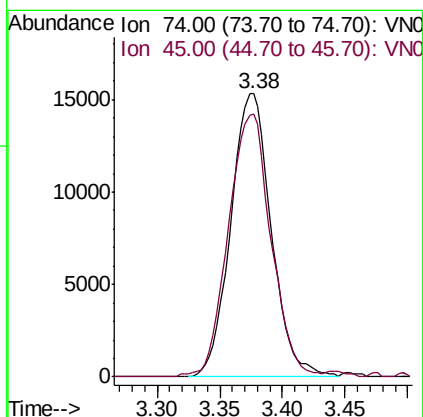
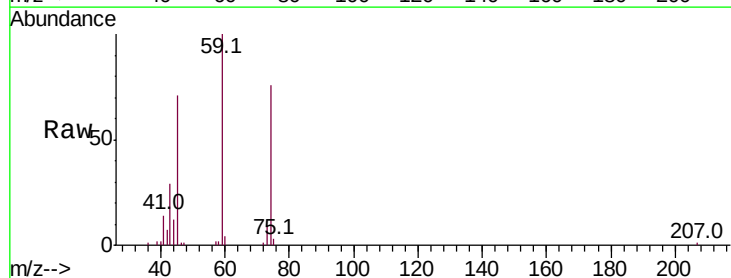
Tot Ion:101 Resp: 93646
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.7 76.1

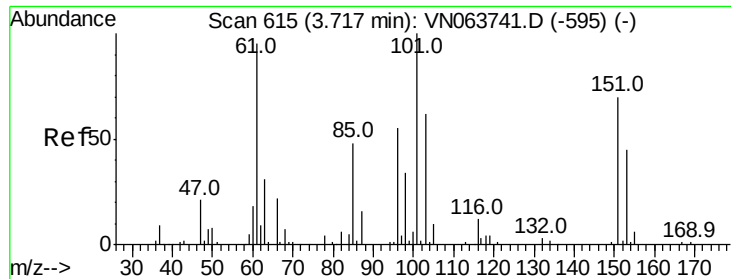


#8

Diethyl Ether
 Concen: 20.549 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion: 74 Resp: 34436
 Ion Ratio Lower Upper
 74 100
 45 97.5 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.126 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

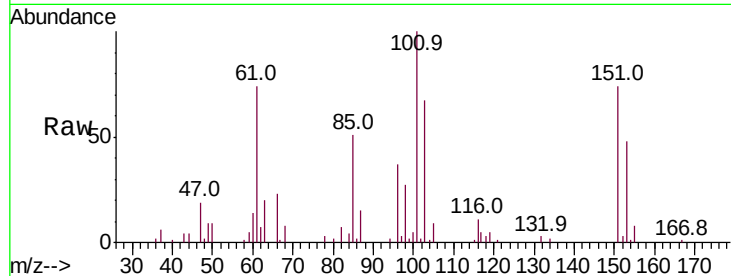
Tot Ion:101 Resp: 50655

Ion Ratio Lower Upper

101 100

85 50.5 38.6 58.0

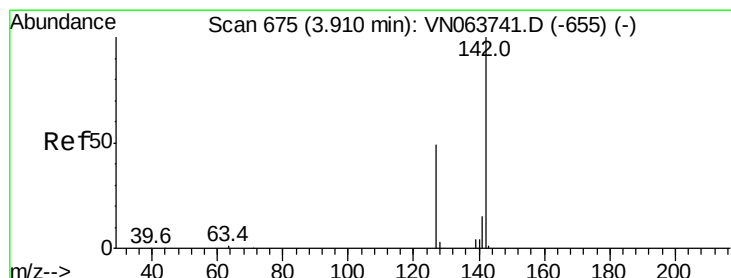
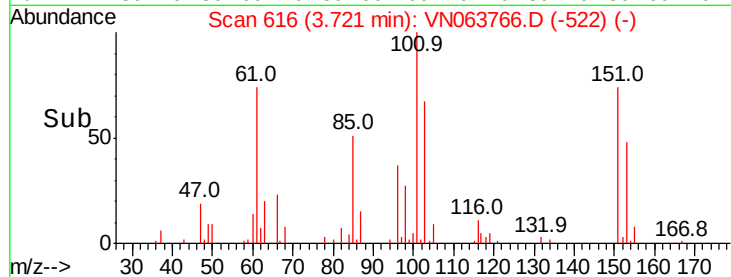
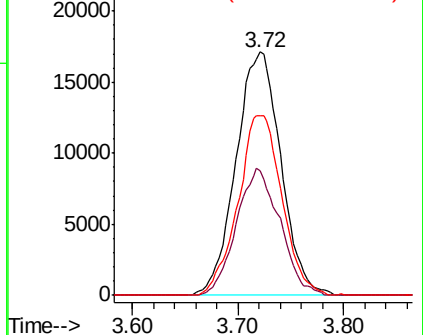
151 72.3 58.7 88.1



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: 17.635 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

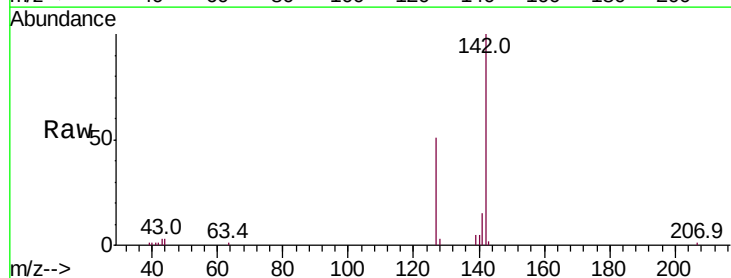
Tgt Ion:142 Resp: 54231

Ion Ratio Lower Upper

142 100

127 52.2 40.5 60.7

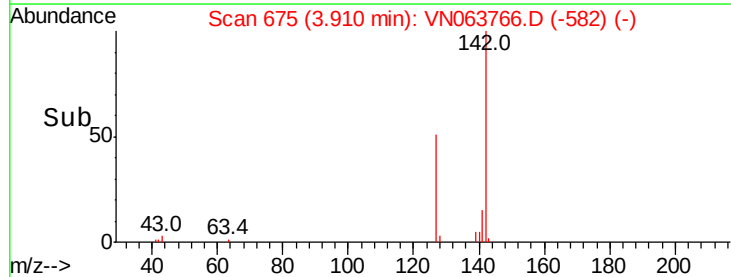
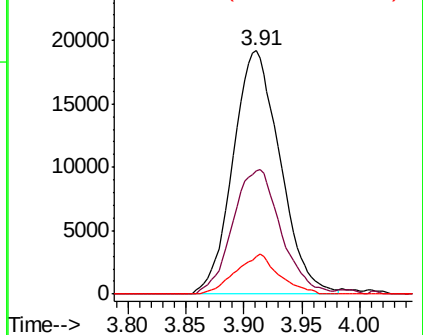
141 14.9 11.7 17.5

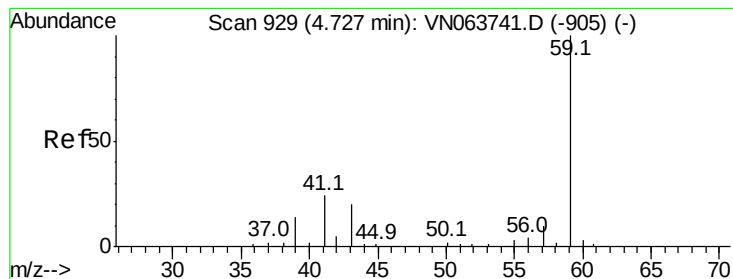


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



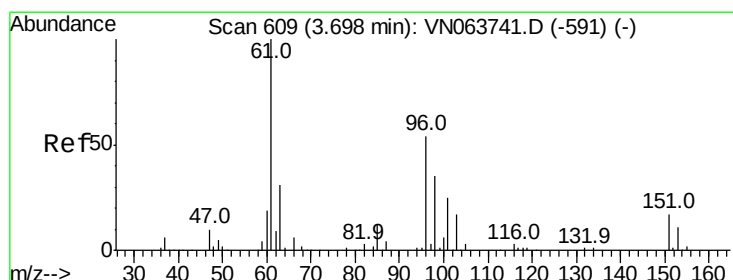
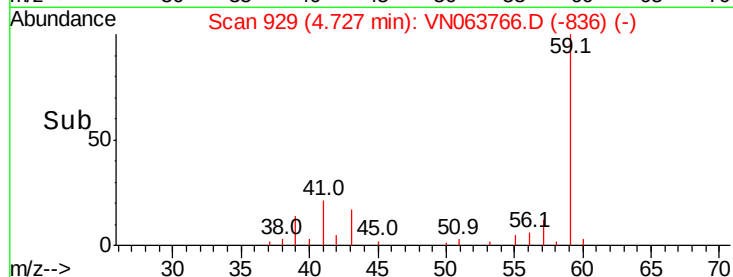
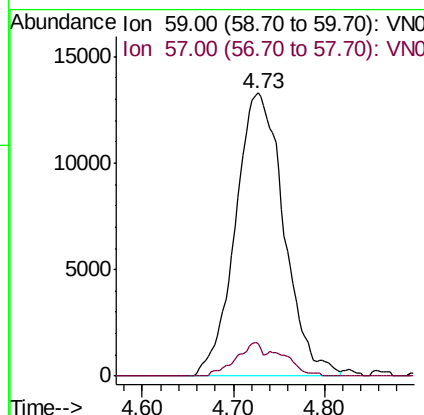
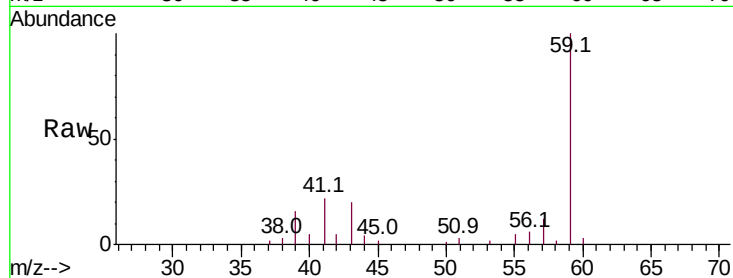


#11

Tert butyl alcohol
 Concen: 107.097 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

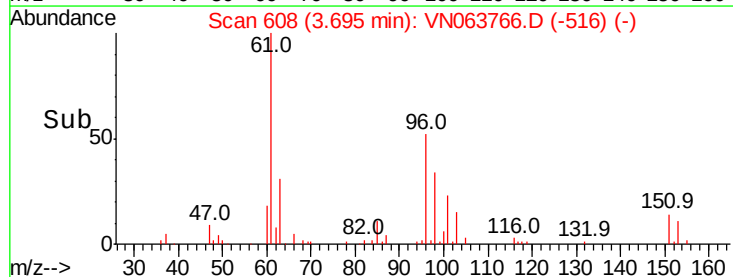
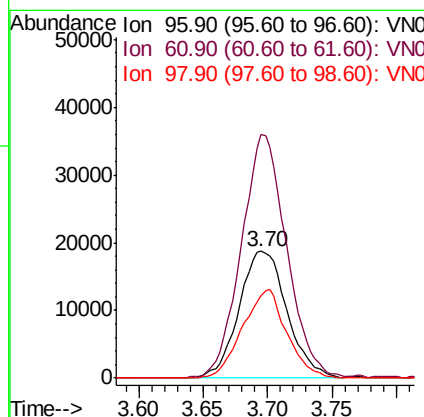
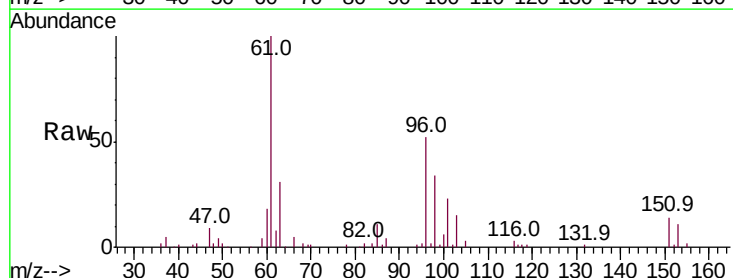
Tot Ion: 59 Resp: 49108
 Ion Ratio Lower Upper
 59 100
 57 6.5 8.7 13.1#

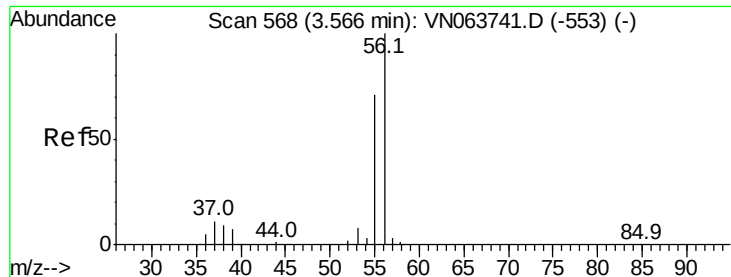


#12

1,1-Dichloroethene
 Concen: 19.219 ug/l
 RT: 3.70 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion: 96 Resp: 48654
 Ion Ratio Lower Upper
 96 100
 61 190.9 147.7 221.5
 98 64.4 51.9 77.9





#13

Acrolein

Concen: 95.230 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

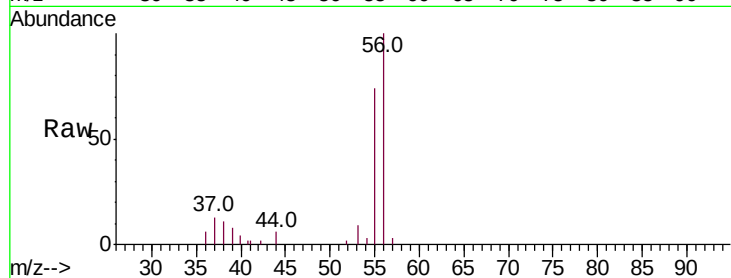
VN1001WBSD01

Tot Ion: 56 Resp: 26800

Ion Ratio Lower Upper

56 100

55 73.7 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VN063741.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN063741.D (-553) (-)

3.57

12000

10000

8000

6000

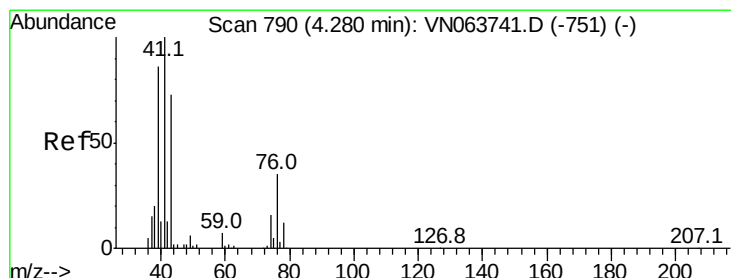
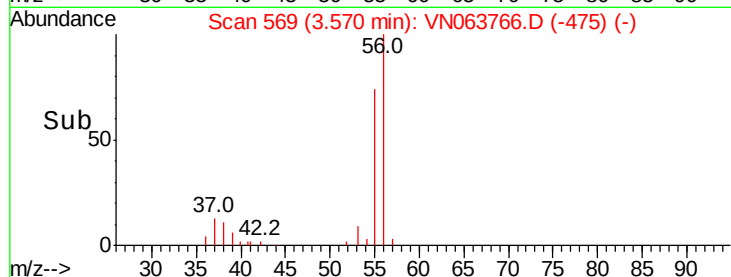
4000

2000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 19.335 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

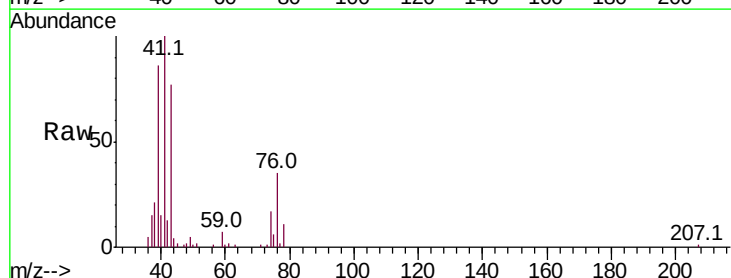
Tgt Ion: 41 Resp: 90934

Ion Ratio Lower Upper

41 100

39 81.3 64.5 96.7

76 31.9 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VN063741.D (-751) (-)

Ion 39.00 (38.70 to 39.70): VN063741.D (-751) (-)

Ion 75.90 (75.60 to 76.60): VN063741.D (-751) (-)

4.28

30000

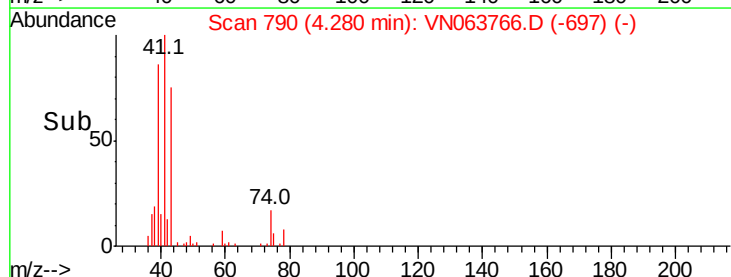
20000

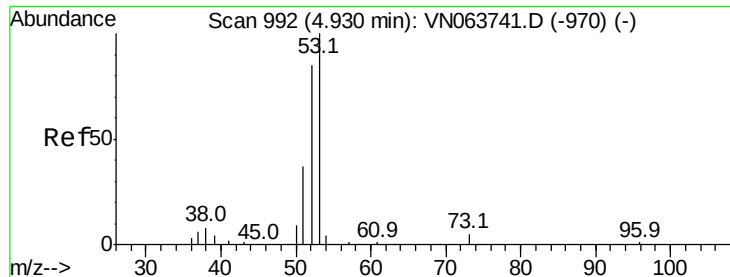
10000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 98.817 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

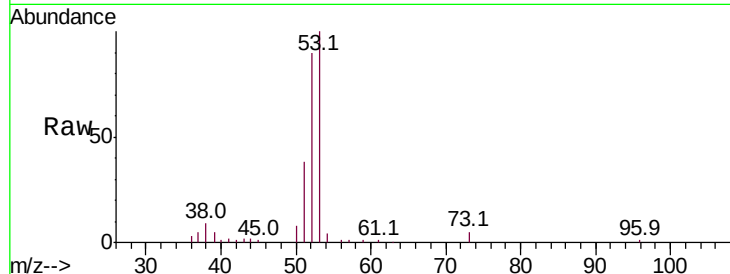
Tot Ion: 53 Resp: 129700

Ion Ratio Lower Upper

53 100

52 83.1 66.5 99.7

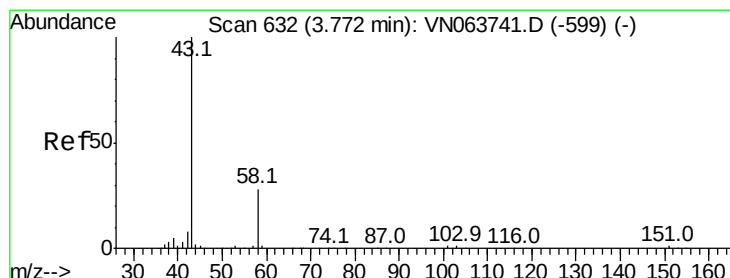
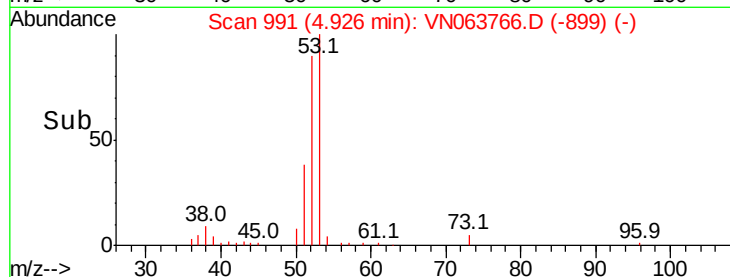
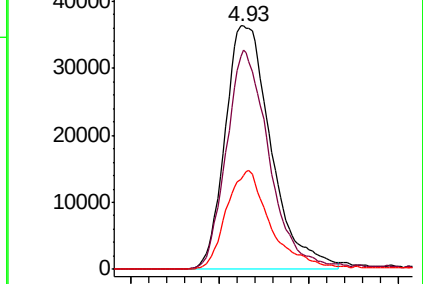
51 39.3 29.9 44.9



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

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

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



#16

Acetone

Concen: 100.238 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063766.D

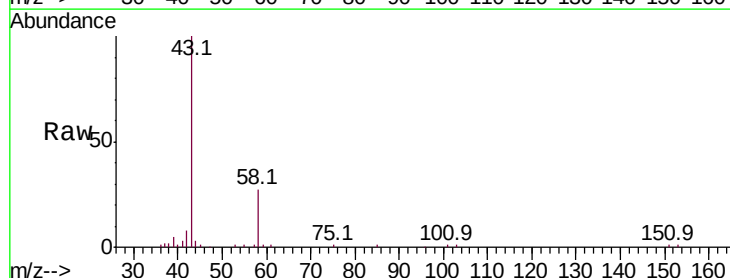
Acq: 1 Oct 2020 12:58

Tgt Ion: 43 Resp: 128156

Ion Ratio Lower Upper

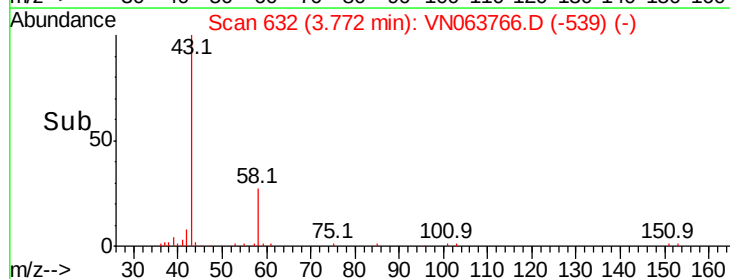
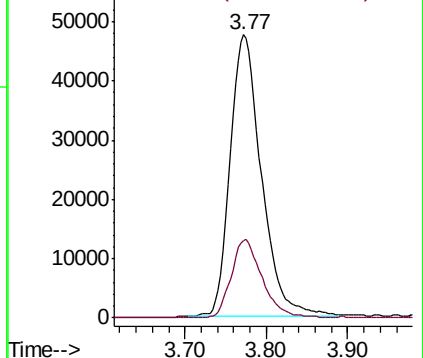
43 100

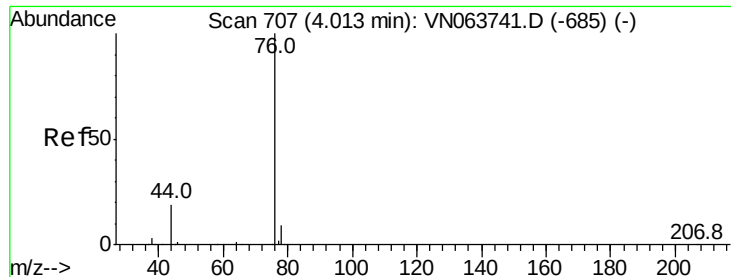
58 27.3 22.3 33.5



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

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

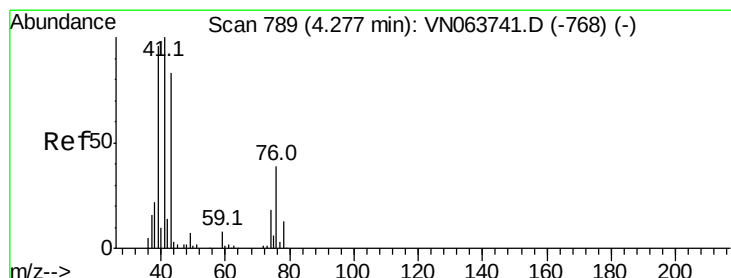
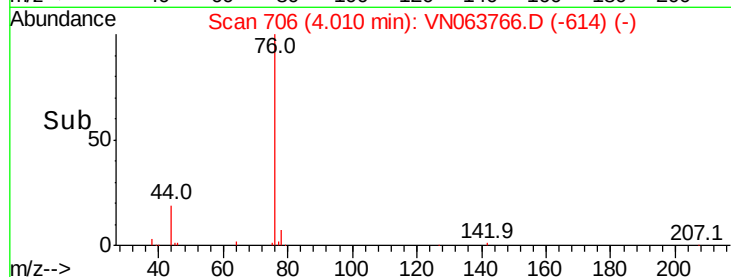
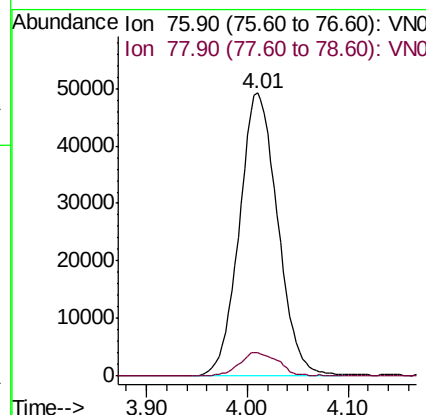
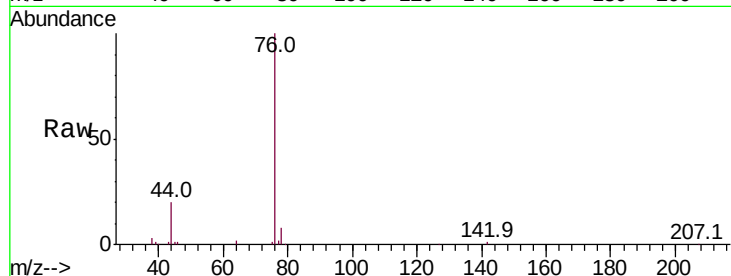




#17
Carbon Disulfide
Concen: 19.425 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

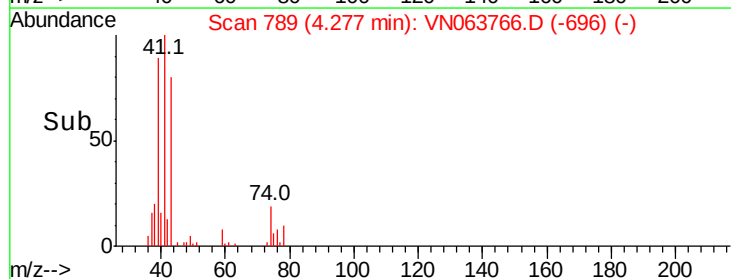
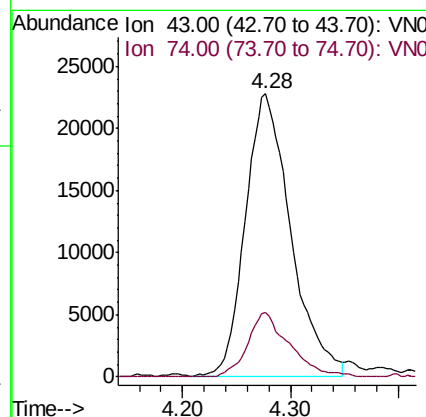
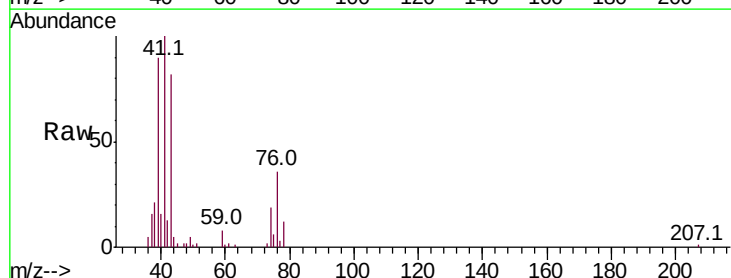
Instrument :
MSVOA_N
ClientSampled :
VN1001WBSD01

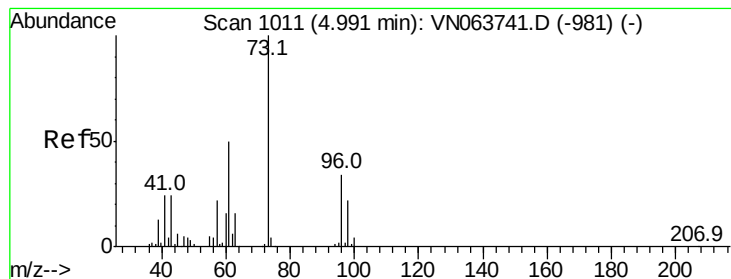
Tot Ion: 76 Resp: 129936
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.4



#18
Methyl Acetate
Concen: 20.138 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion: 43 Resp: 66848
Ion Ratio Lower Upper
43 100
74 20.8 17.4 26.2



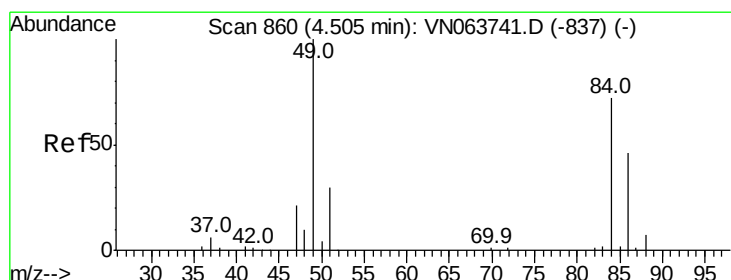
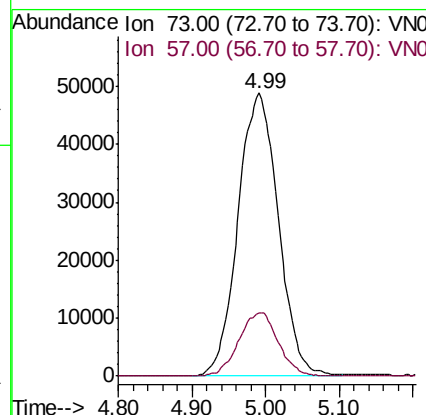
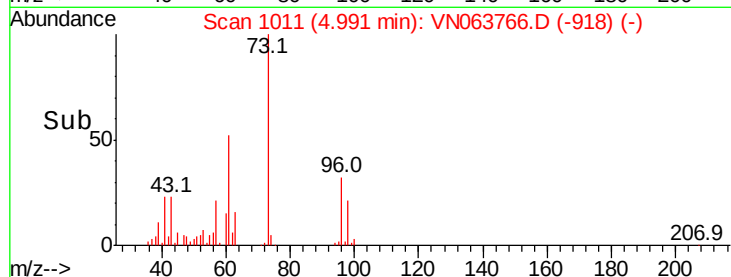
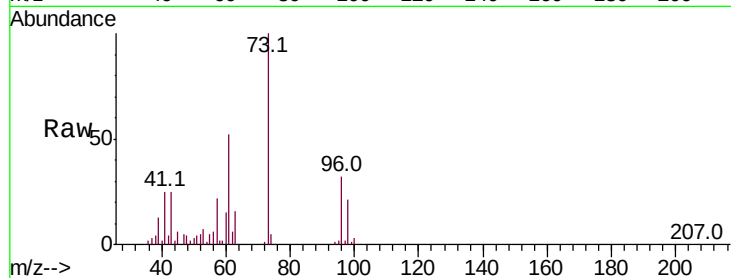


#19

Methyl tert-butyl Ether
 Concen: 20.199 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

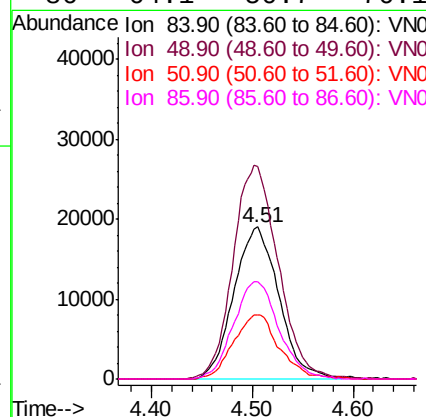
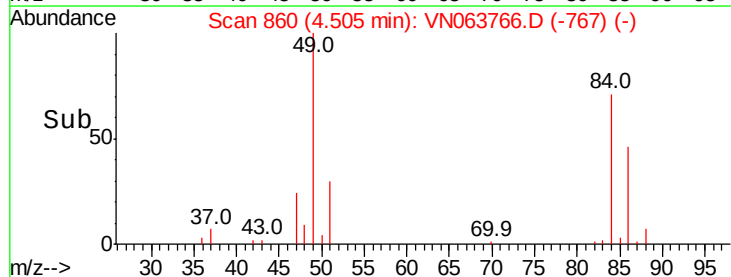
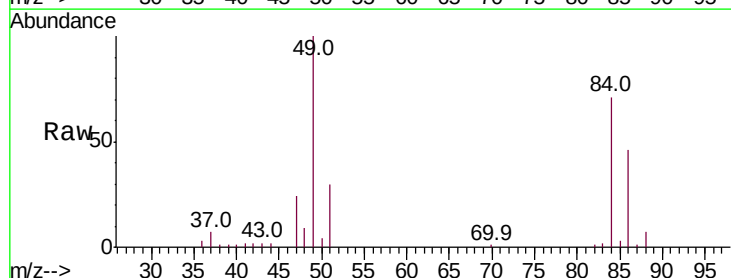
Tot Ion: 73 Resp: 185778
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.6 26.4

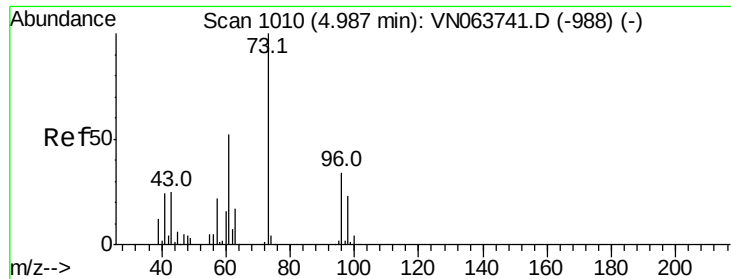


#20

Methylene Chloride
 Concen: 20.202 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion: 84 Resp: 58988
 Ion Ratio Lower Upper
 84 100
 49 138.8 110.4 165.6
 51 42.4 33.3 49.9
 86 64.1 50.7 76.1

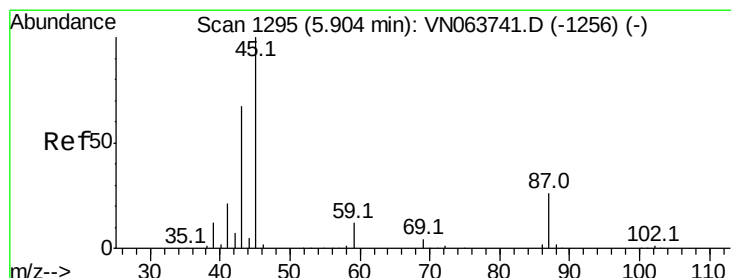
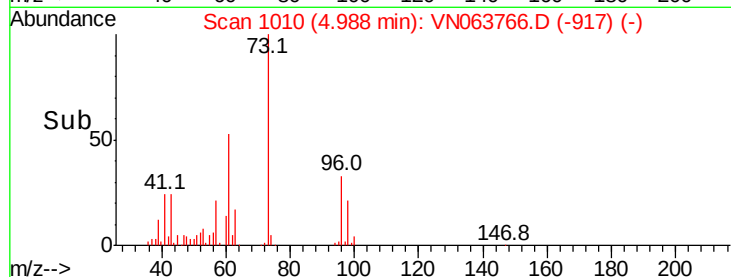
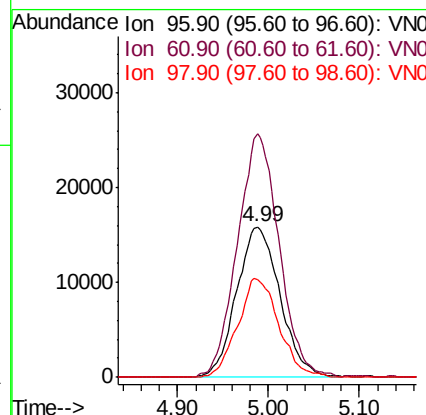
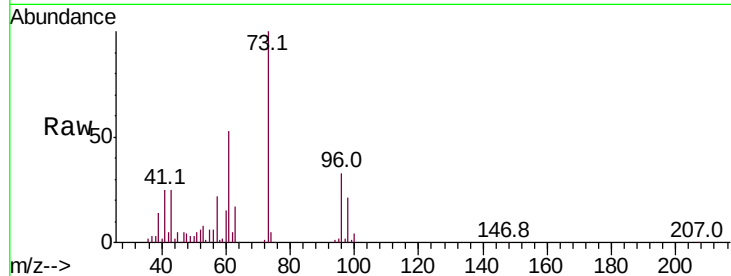




#21
trans-1,2-Dichloroethene
Concen: 18.511 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

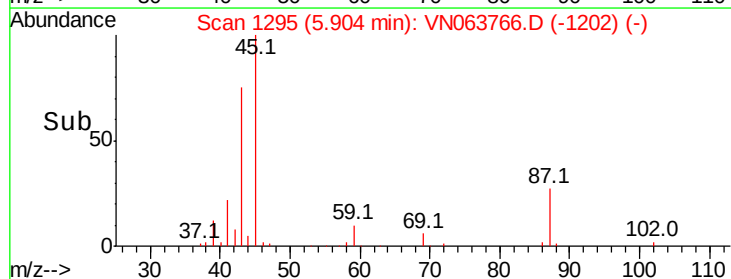
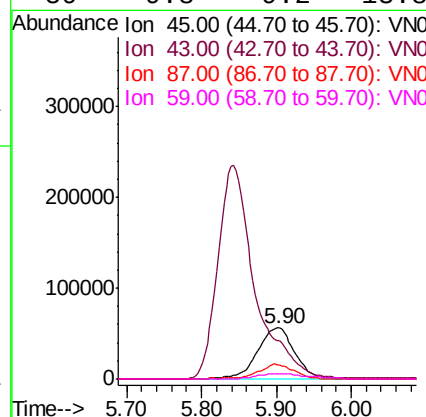
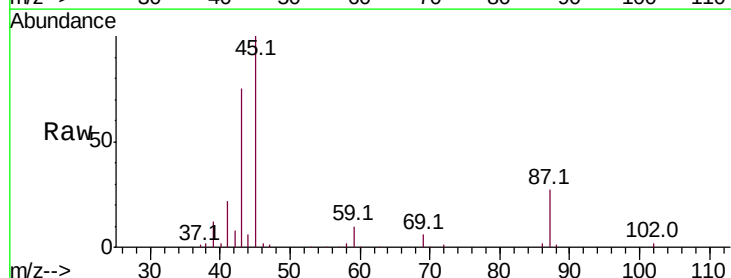
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

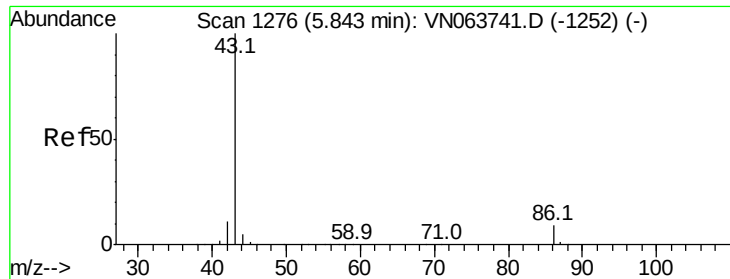
Tot Ion: 96 Resp: 52488
Ion Ratio Lower Upper
96 100
61 161.9 120.2 180.2
98 65.2 52.6 79.0



#22
Diisopropyl ether
Concen: 20.081 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion: 45 Resp: 194311
Ion Ratio Lower Upper
45 100
43 71.2 53.7 80.5
87 26.8 21.1 31.7
59 9.8 9.2 13.8

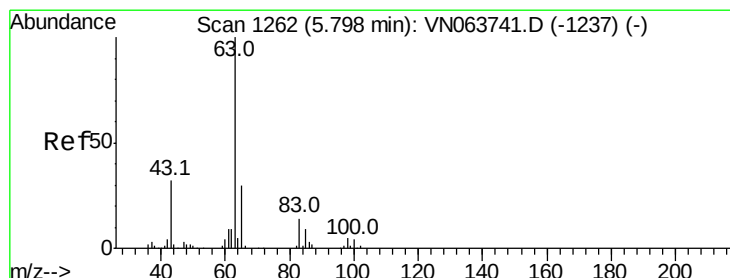
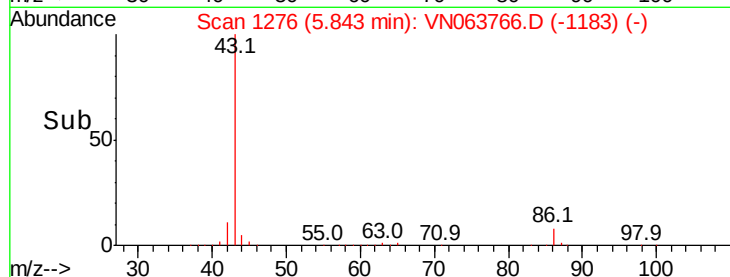
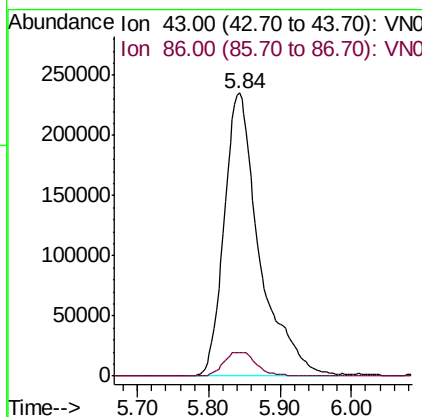
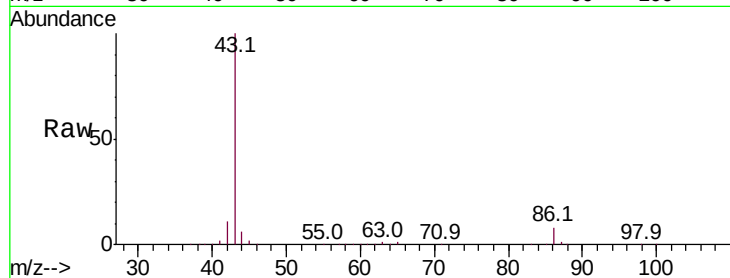




#23
 Vinyl Acetate
 Concen: 101.285 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

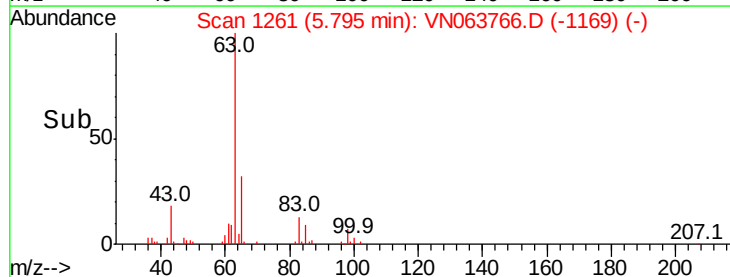
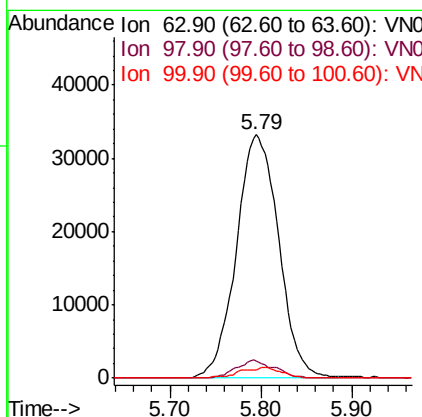
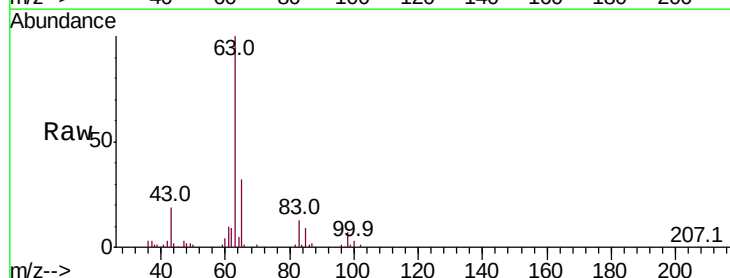
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

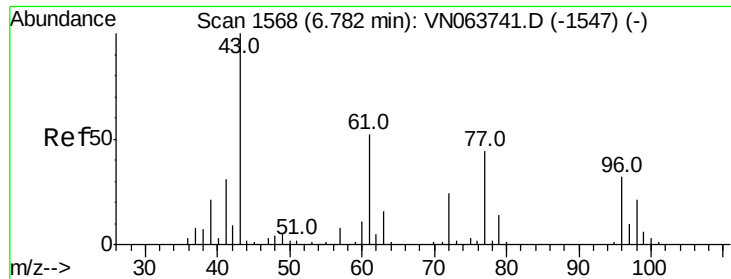
Tot Ion: 43 Resp: 811847
 Ion Ratio Lower Upper
 43 100
 86 8.3 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 19.390 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion: 63 Resp: 107277
 Ion Ratio Lower Upper
 63 100
 98 7.0 2.7 8.1
 100 3.4 1.9 5.7

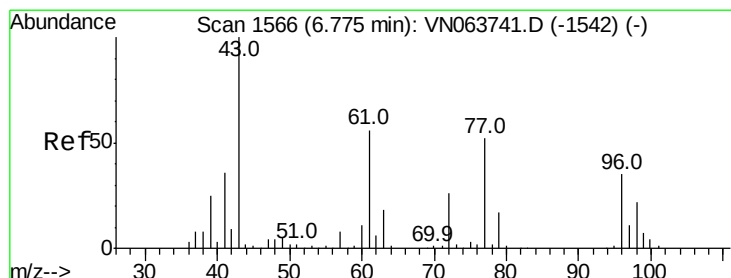
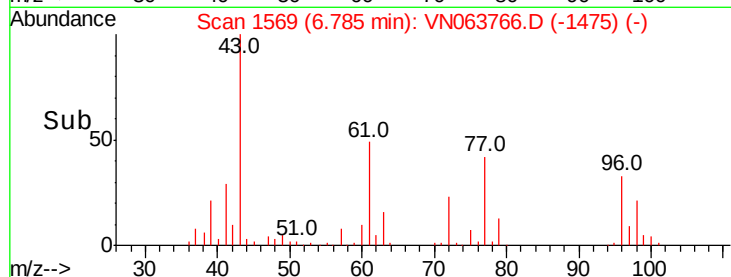
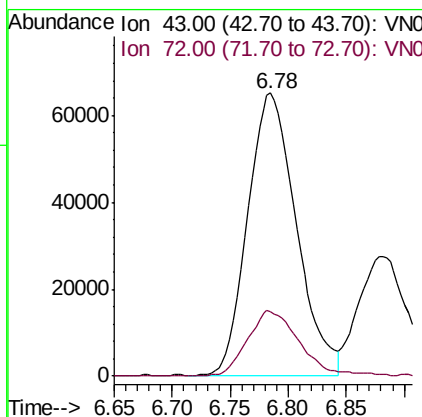
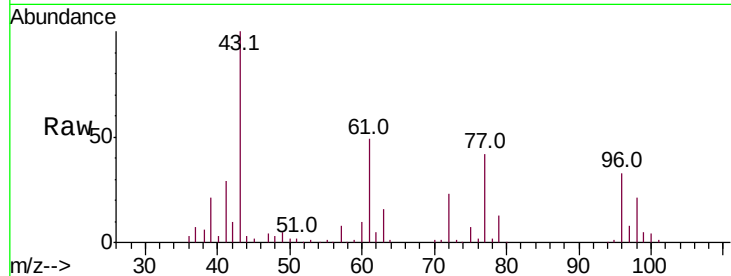




#25
2-Butanone
Concen: 104.409 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

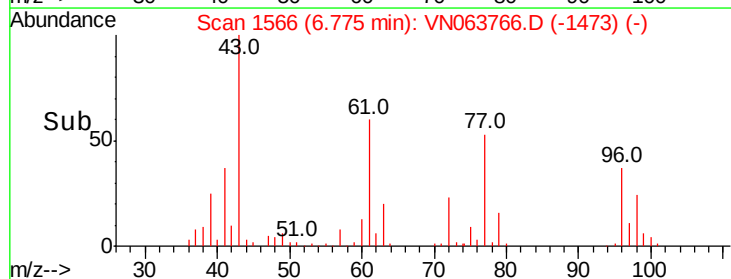
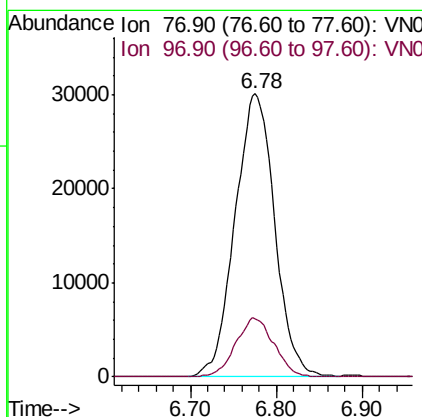
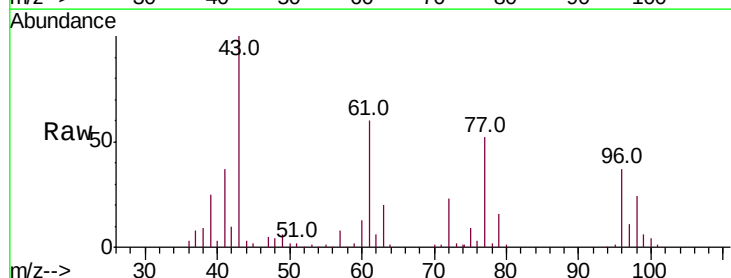
Instrument :
MSVOA_N
ClientSampled :
VN1001WBSD01

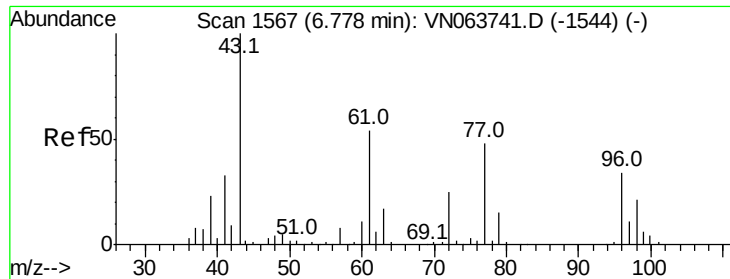
Tot Ion: 43 Resp: 189253
Ion Ratio Lower Upper
43 100
72 22.7 19.3 28.9



#26
2,2-Dichloropropane
Concen: 19.092 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion: 77 Resp: 96733
Ion Ratio Lower Upper
77 100
97 20.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.659 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

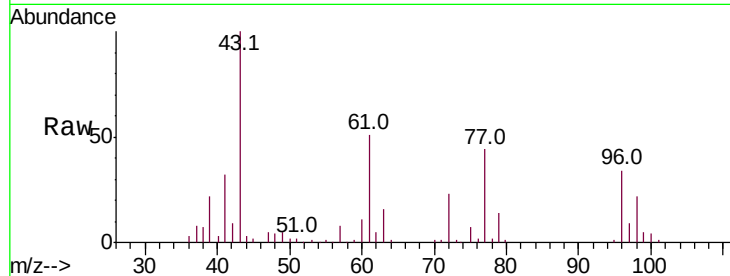
Tot Ion: 96 Resp: 64111

Ion Ratio Lower Upper

96 100

61 157.9 0.0 321.2

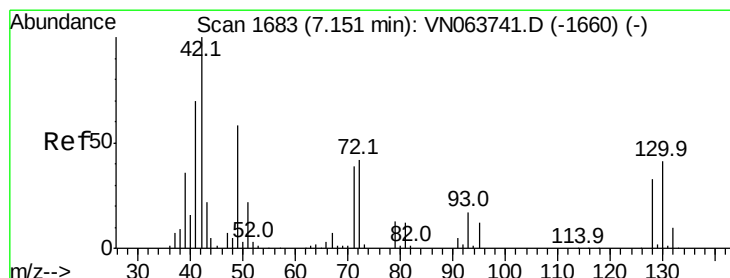
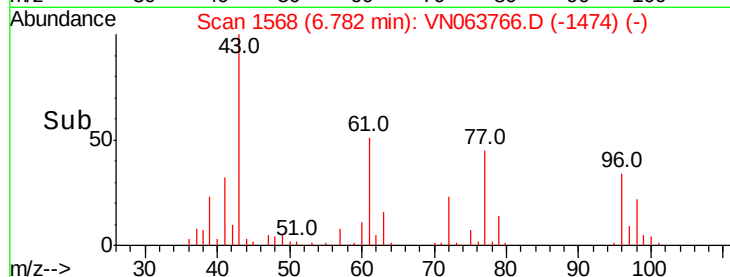
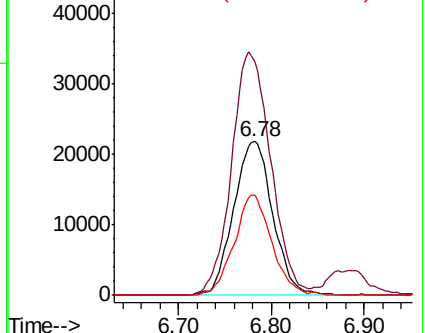
98 62.7 0.0 124.4



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: 23.236 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

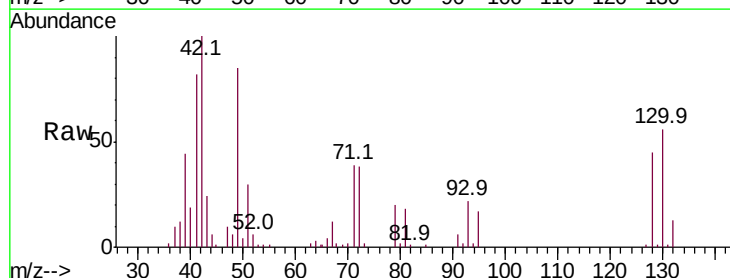
Tgt Ion: 49 Resp: 63539

Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.8

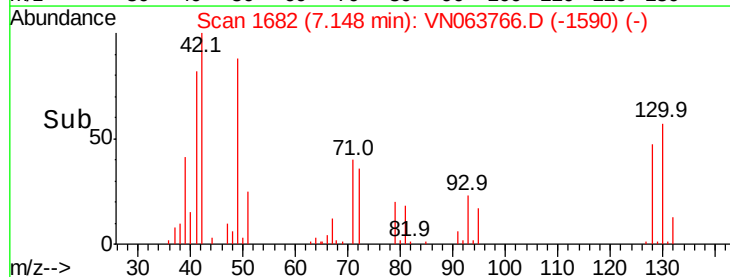
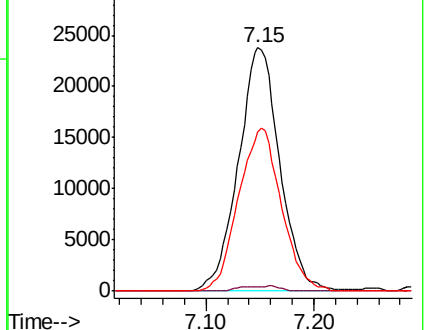
130 69.0 55.6 83.4

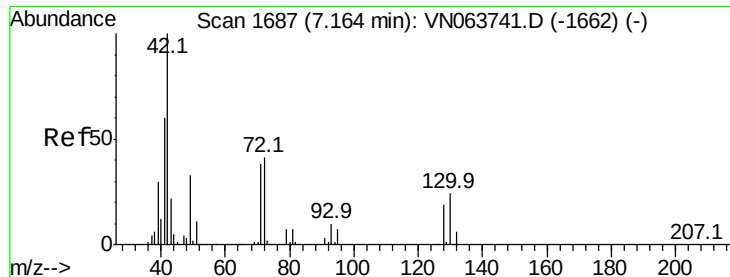


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

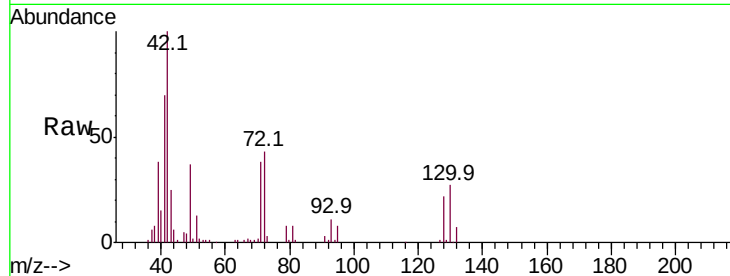




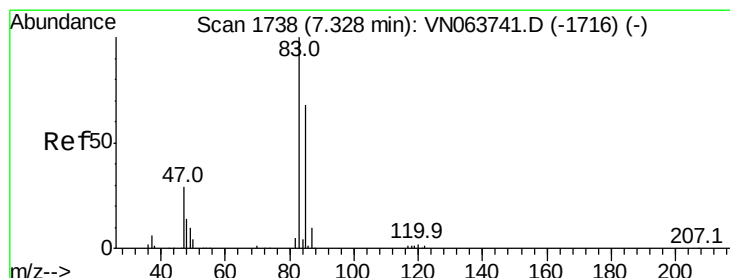
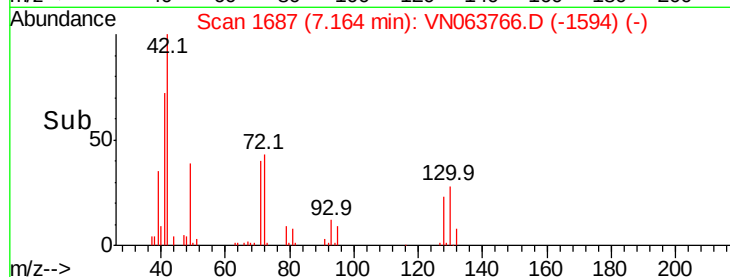
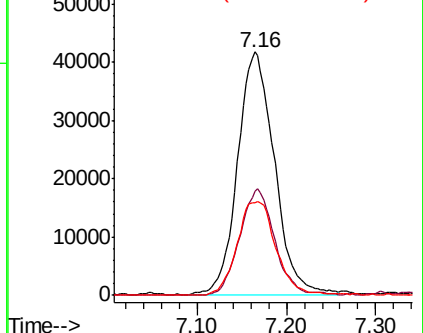
#29
Tetrahydrofuran
Concen: 99.137 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampled :
VN1001WBSD01

Tot Ion: 42 Resp: 120522
Ion Ratio Lower Upper
42 100
72 41.5 32.8 49.2
71 40.2 30.6 45.8

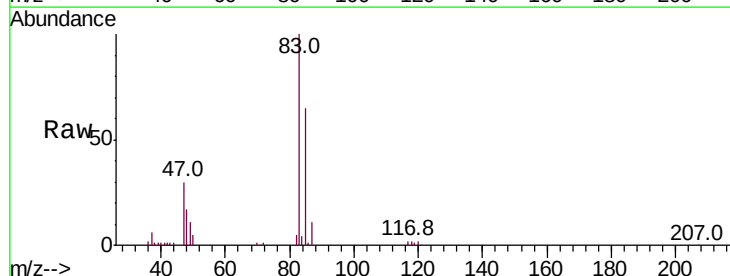


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

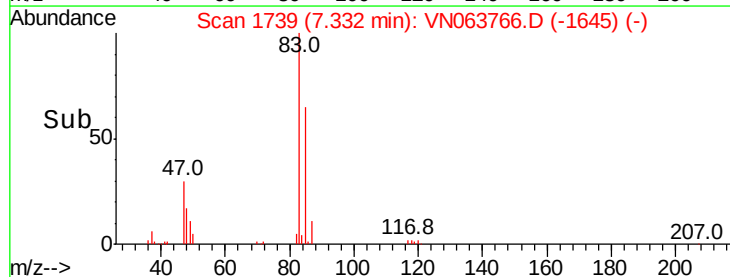
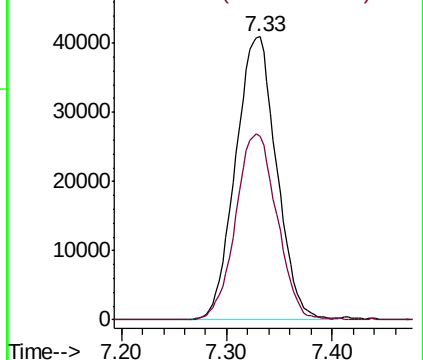


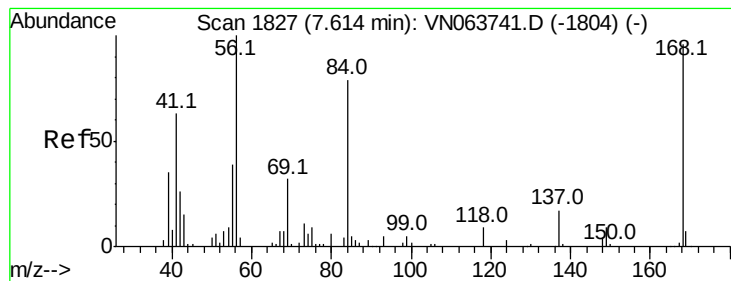
#30
Chloroform
Concen: 19.205 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion: 83 Resp: 110792
Ion Ratio Lower Upper
83 100
85 64.9 54.6 82.0



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





#31

Cyclohexane

Concen: 18.819 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

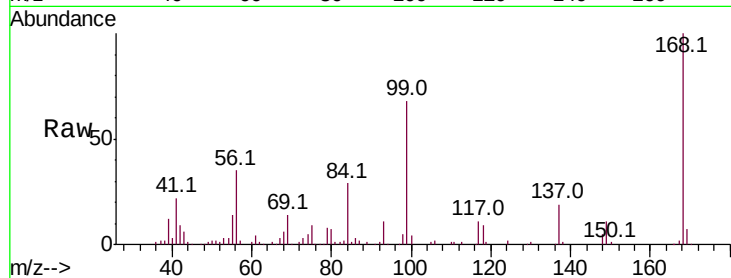
Tot Ion: 56 Resp: 90741

Ion Ratio Lower Upper

56 100

69 39.5 25.4 38.2#

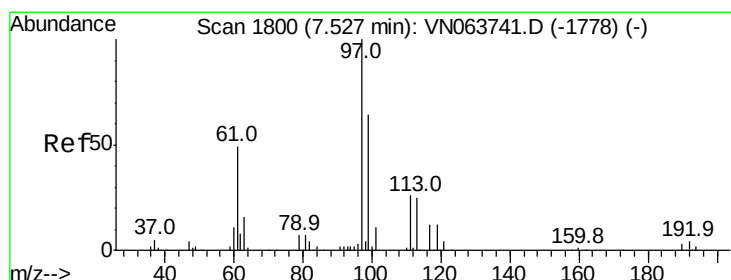
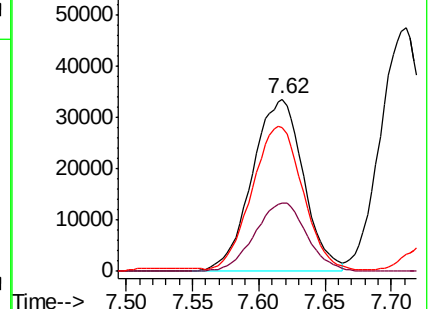
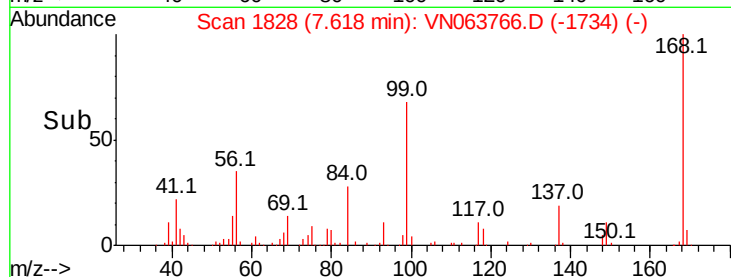
84 81.8 63.3 94.9



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

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

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



#32

1,1,1-Trichloroethane

Concen: 19.701 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

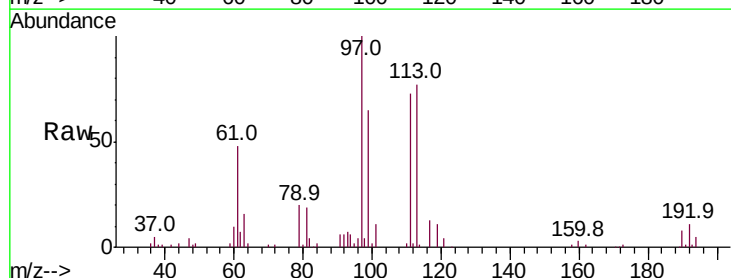
Tgt Ion: 97 Resp: 102511

Ion Ratio Lower Upper

97 100

99 63.2 51.0 76.6

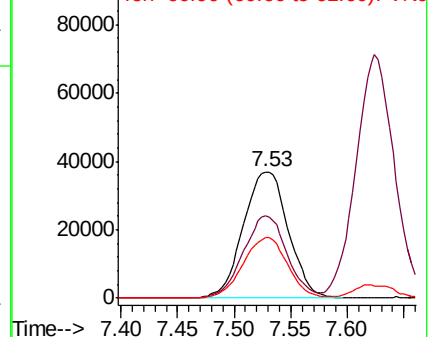
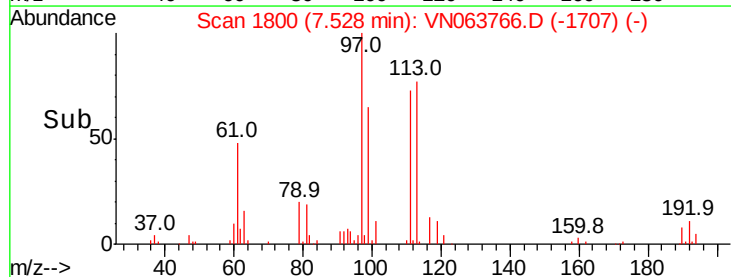
61 47.4 38.7 58.1

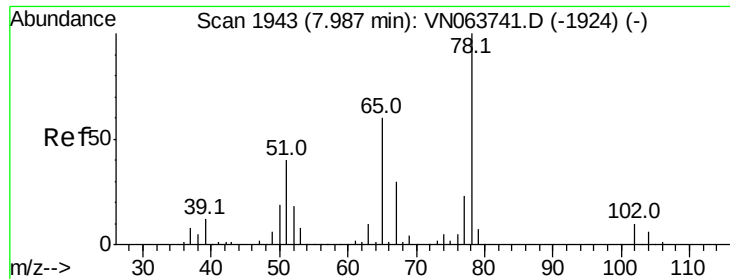


Abundance Ion 96.90 (96.60 to 97.60): VN063741.D (-1778) (-)

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

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





#33

1,2-Dichloroethane-d4

Concen: 50.823 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

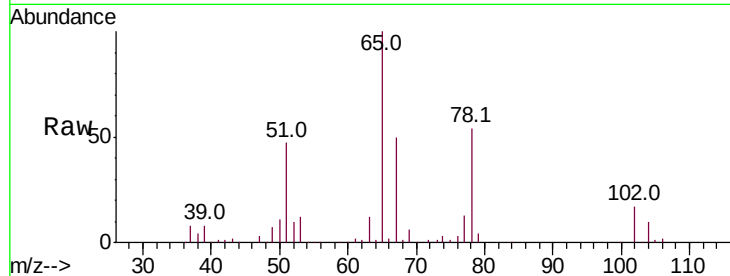
VN1001WBSD01

Tot Ion: 65 Resp: 211082

Ion Ratio Lower Upper

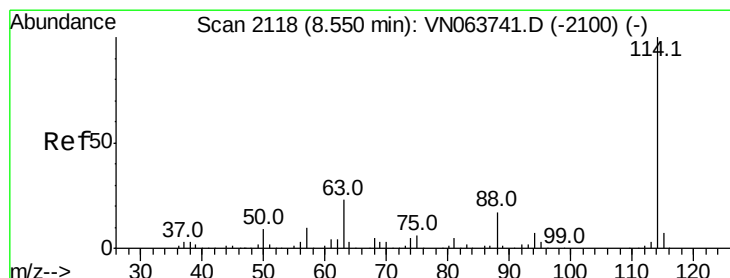
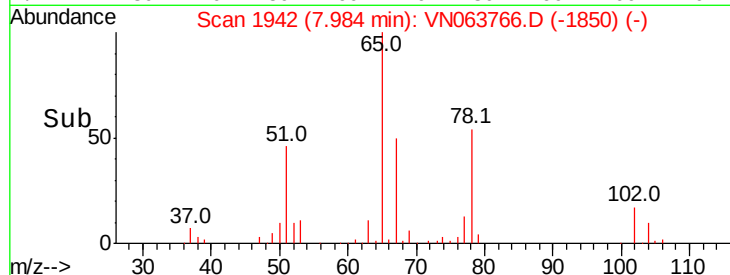
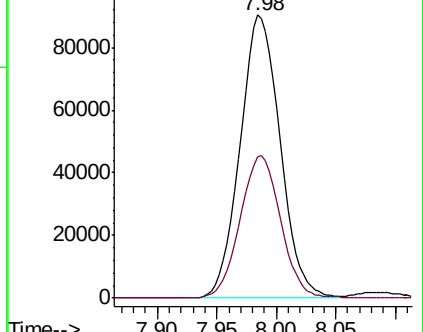
65 100

67 51.0 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) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

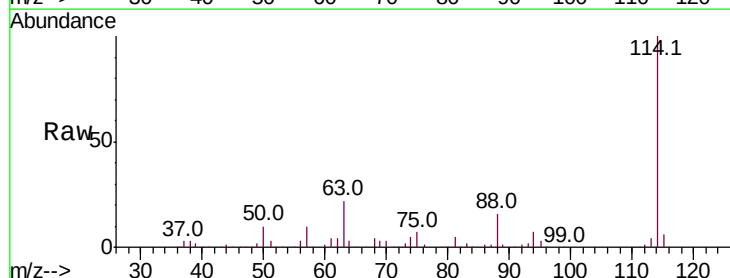
Tgt Ion: 114 Resp: 422050

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

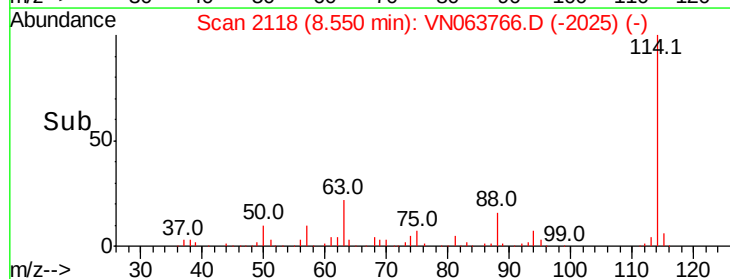
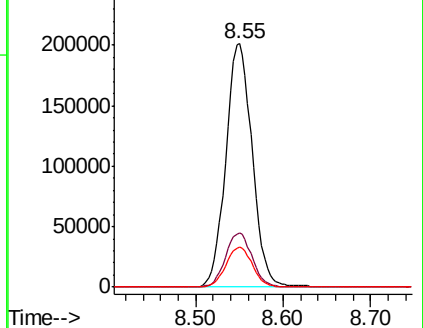
88 16.2 0.0 34.0

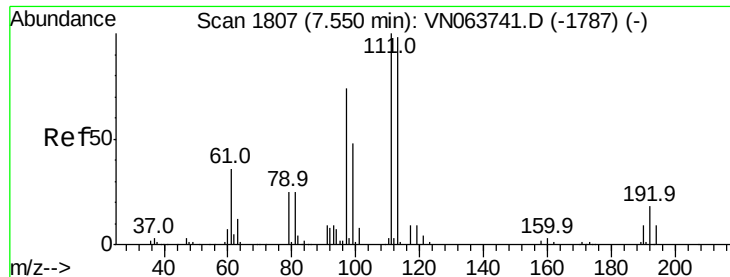


Abundance Ion 113.90 (113.60 to 114.60): VN063741.D (-2100) (-)

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

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

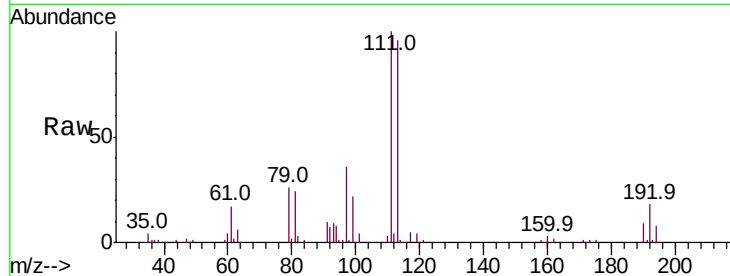




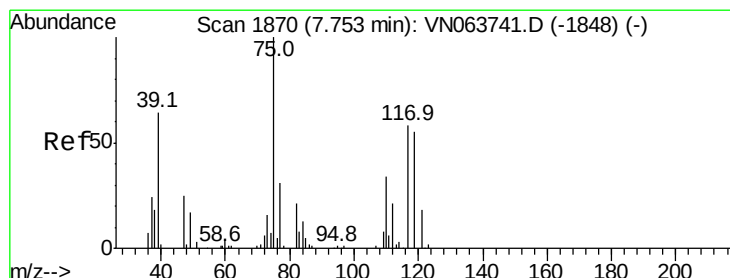
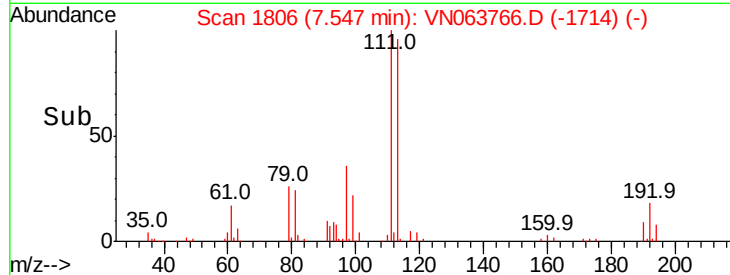
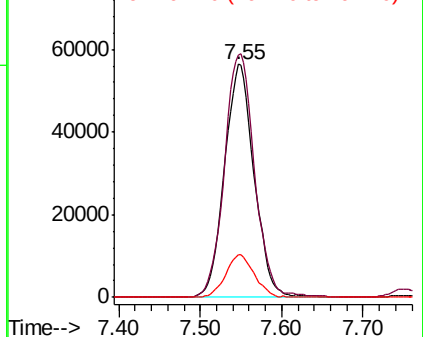
#35
 Dibromofluoromethane
 Concen: 49.214 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

Tot Ion:113 Resp: 144124
 Ion Ratio Lower Upper
 113 100
 111 105.3 81.8 122.8
 192 17.8 14.2 21.2

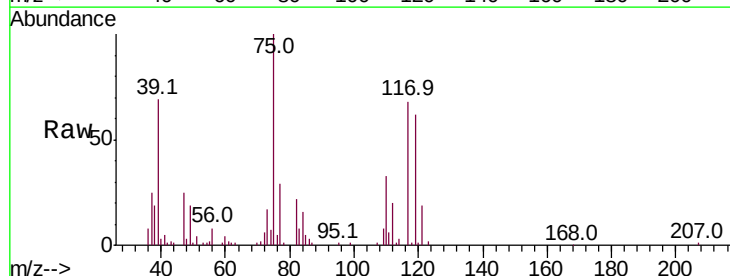


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

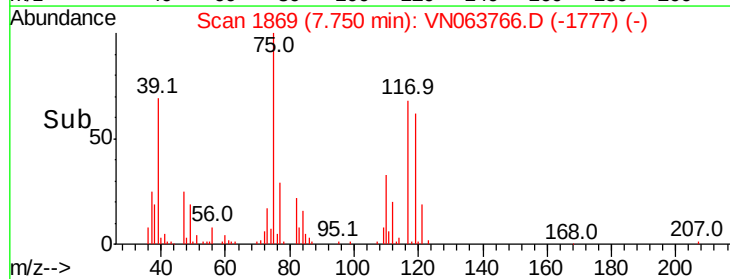
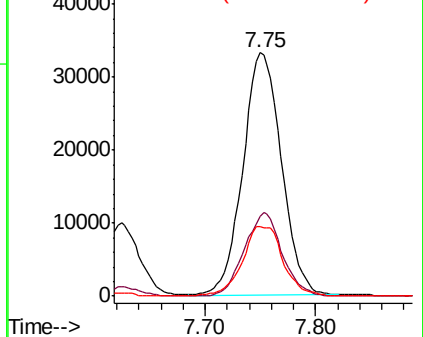


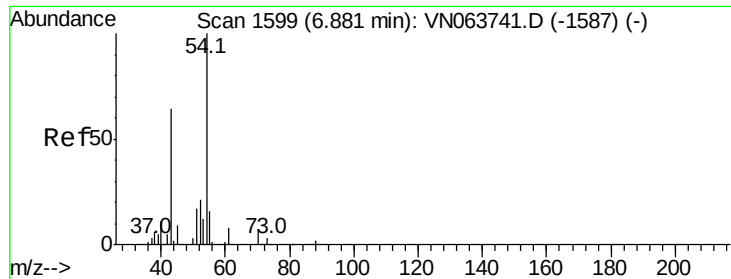
#36
 1,1-Dichloropropene
 Concen: 18.860 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion: 75 Resp: 80641
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.9 50.6
 77 30.2 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

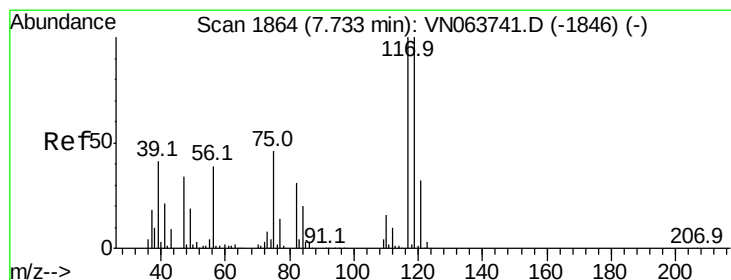
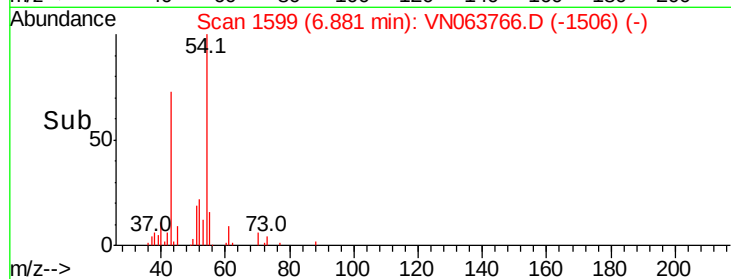
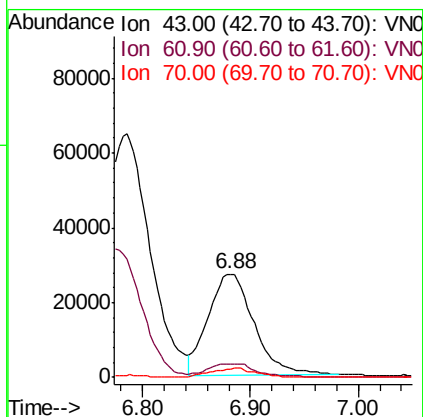
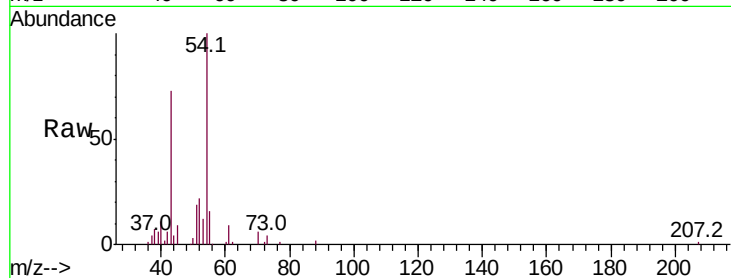




#37
Ethyl Acetate
Concen: 19.101 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

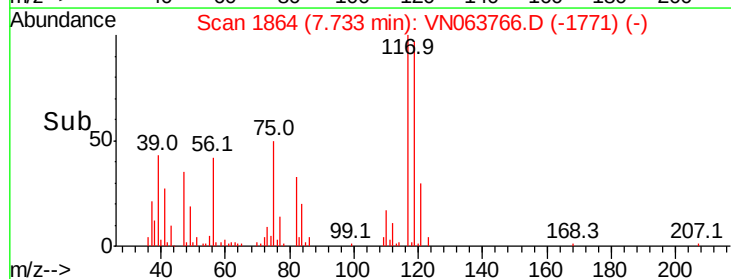
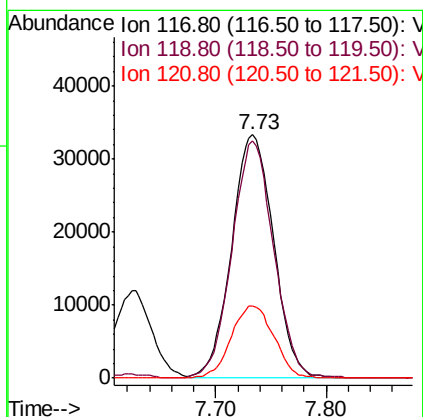
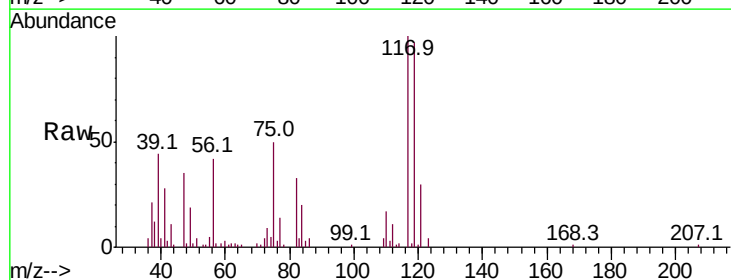
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

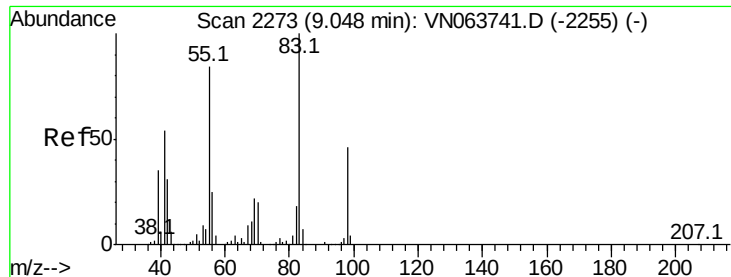
Tot Ion: 43 Resp: 81141
Ion Ratio Lower Upper
43 100
61 12.4 10.4 15.6
70 8.7 7.3 10.9



#38
Carbon Tetrachloride
Concen: 18.355 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion: 117 Resp: 88003
Ion Ratio Lower Upper
117 100
119 96.6 80.1 120.1
121 29.8 25.7 38.5

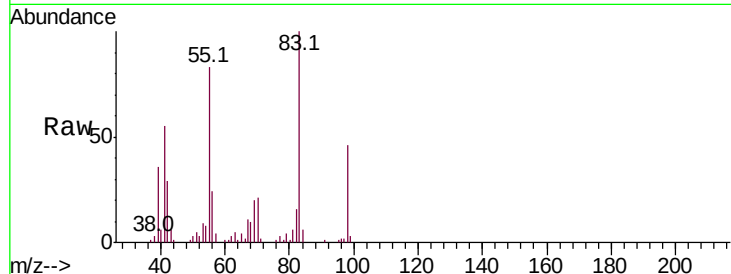




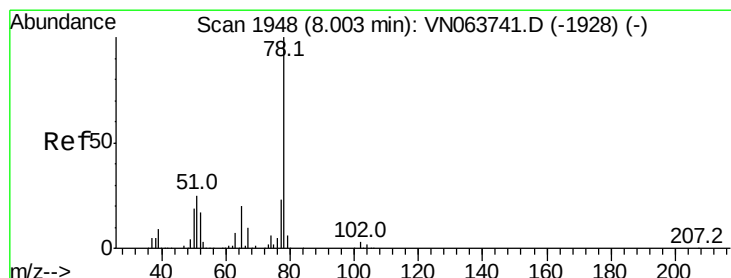
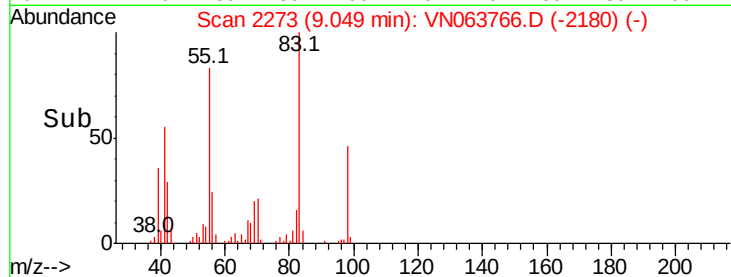
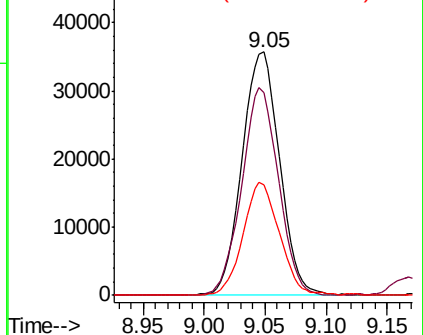
#39
Methylvlcyclohexane
Concen: 17.804 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tot Ion: 83 Resp: 75914
Ion Ratio Lower Upper
83 100
55 83.1 67.1 100.7
98 45.5 36.6 54.8

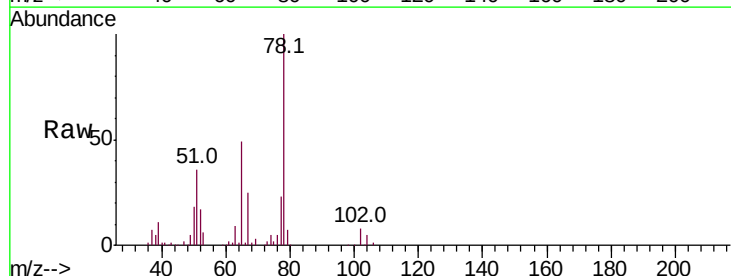


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

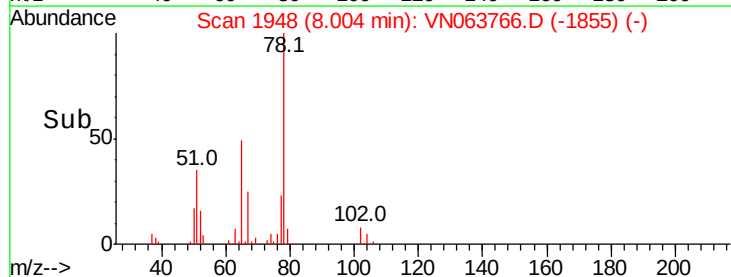
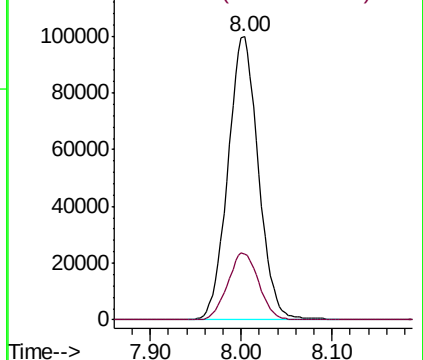


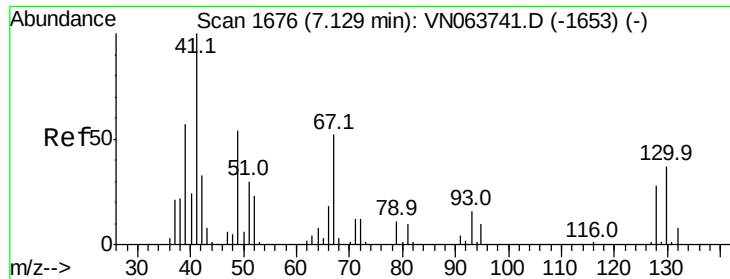
#40
Benzene
Concen: 18.992 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion: 78 Resp: 231948
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1



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





#41

Methacrylonitrile

Concen: 19.388 ug/l

RT: 7.13 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

Tot Ion: 41 Resp: 36605

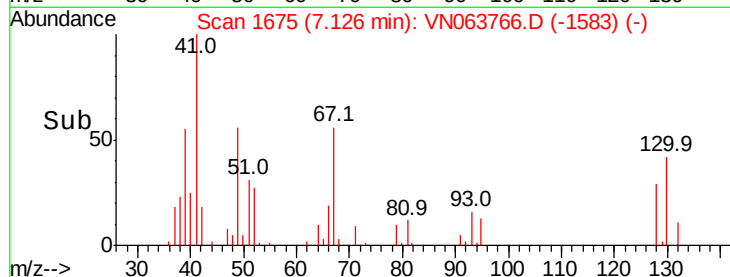
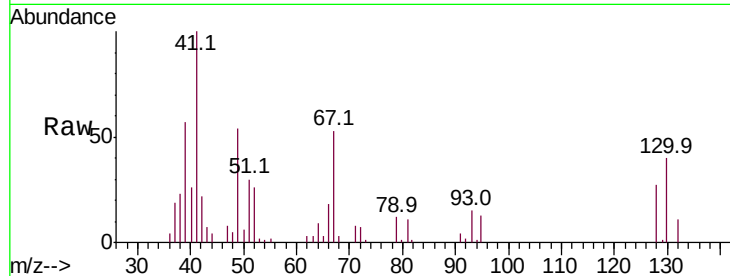
Ion Ratio Lower Upper

41 100

39 64.8 42.5 63.7#

67 80.9 57.4 86.2

52 40.3 26.9 40.3

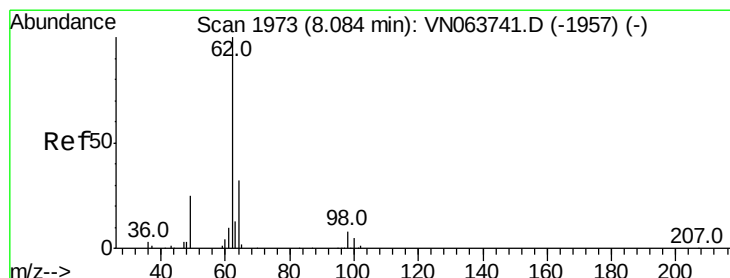
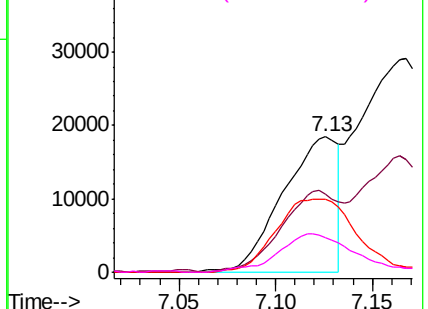


Abundance Ion 41.00 (40.70 to 41.70): VN063741.D (-1653) (-)

Ion 39.00 (38.70 to 39.70): VN063741.D (-1653) (-)

Ion 67.00 (66.70 to 67.70): VN063741.D (-1653) (-)

Ion 52.00 (51.70 to 52.70): VN063741.D (-1653) (-)



#42

1,2-Dichloroethane

Concen: 19.942 ug/l

RT: 8.08 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VN063766.D

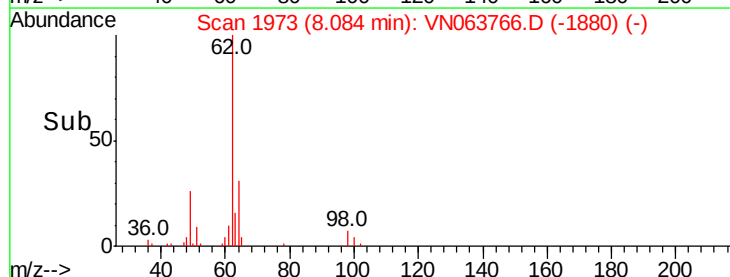
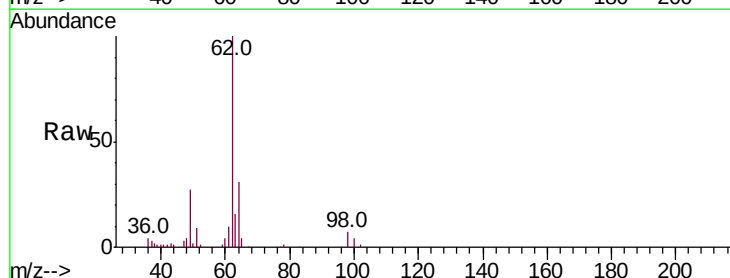
Acq: 1 Oct 2020 12:58

Tgt Ion: 62 Resp: 103961

Ion Ratio Lower Upper

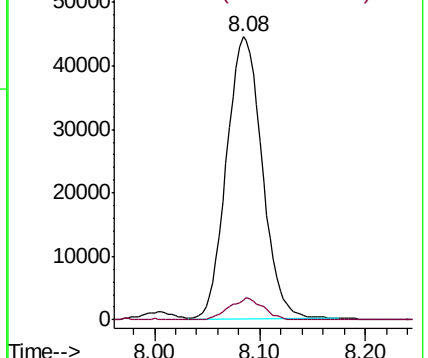
62 100

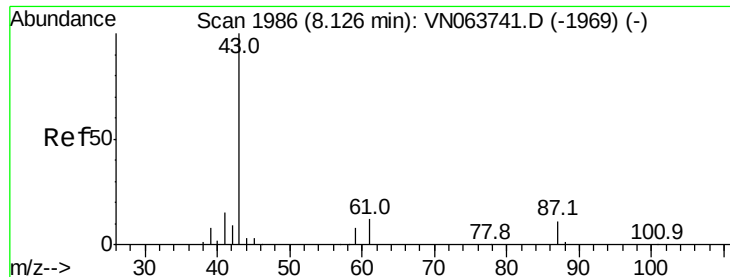
98 7.3 0.0 15.0



Abundance Ion 61.90 (61.60 to 62.60): VN063741.D (-1957) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-1957) (-)





#43

Isopropyl Acetate

Concen: 19.763 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

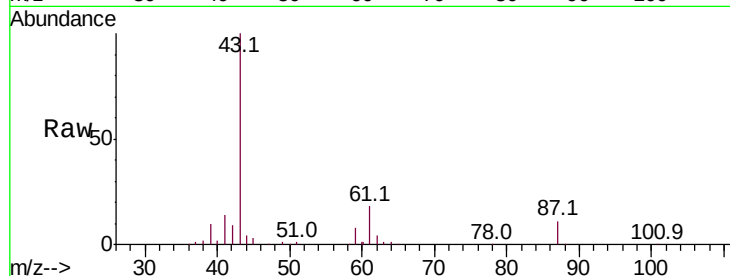
Tot Ion: 43 Resp: 138477

Ion Ratio Lower Upper

43 100

61 18.0 14.2 21.4

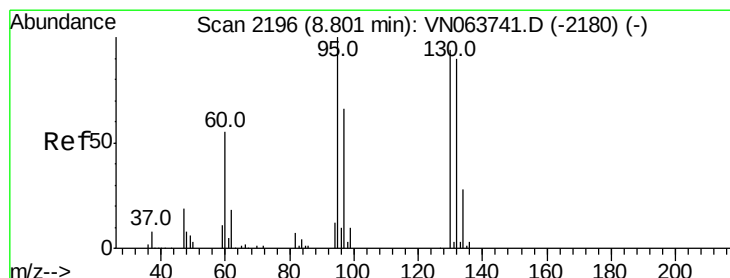
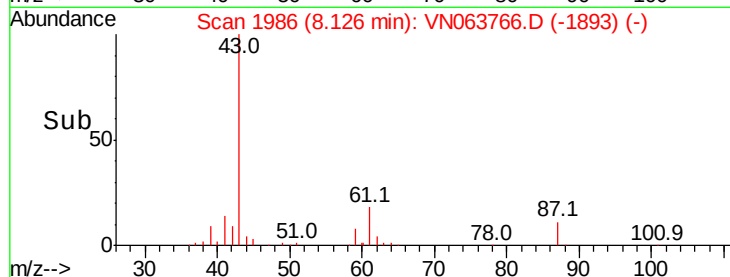
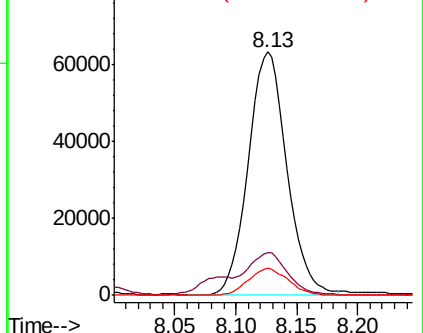
87 11.5 9.0 13.6



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: 18.345 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063766.D

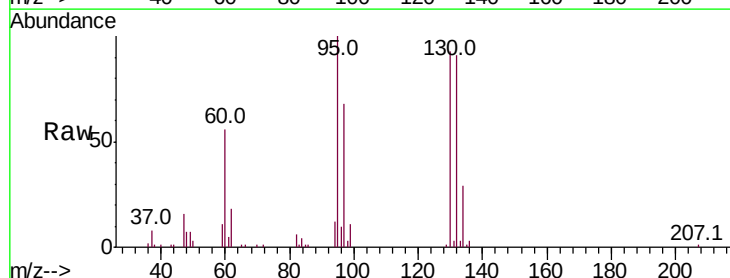
Acq: 1 Oct 2020 12:58

Tgt Ion:130 Resp: 58702

Ion Ratio Lower Upper

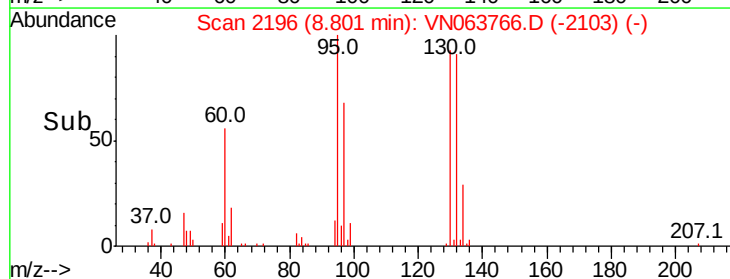
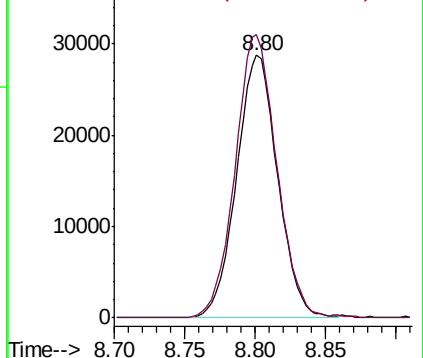
130 100

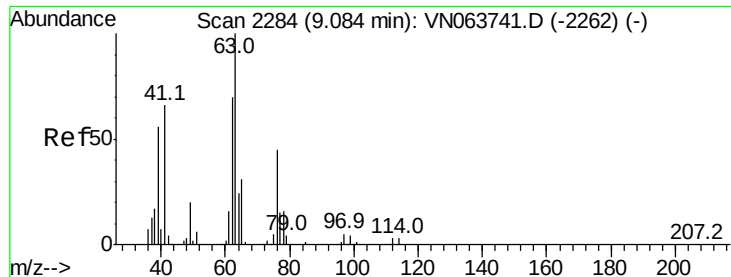
95 107.9 0.0 213.6



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: 19.633 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

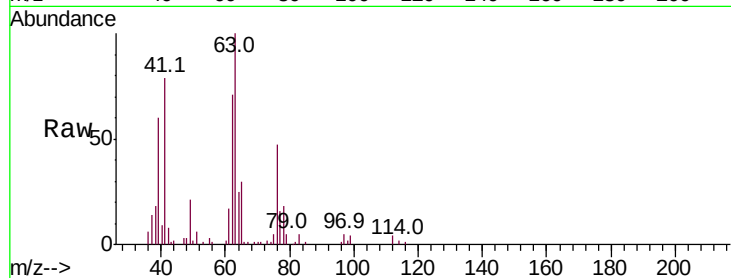
VN1001WBSD01

Tot Ion: 63 Resp: 64755

Ion Ratio Lower Upper

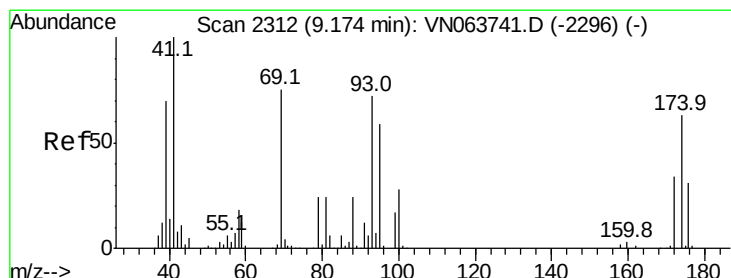
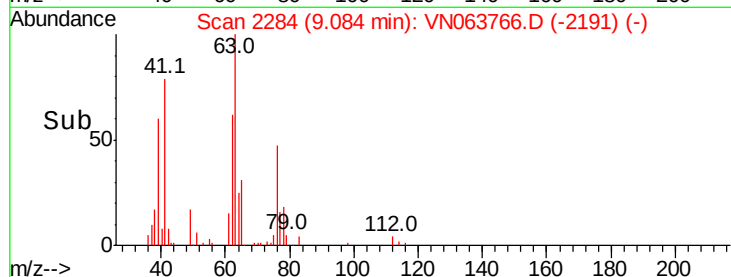
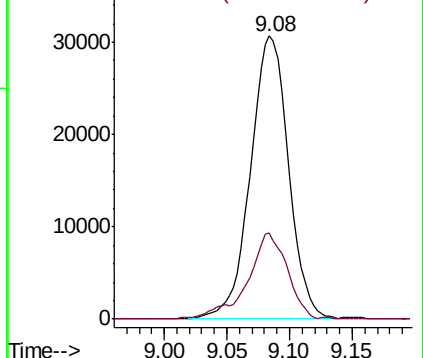
63 100

65 30.4 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.343 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

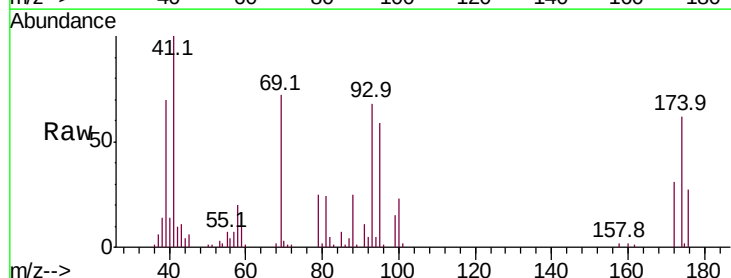
Tgt Ion: 93 Resp: 44012

Ion Ratio Lower Upper

93 100

95 83.9 66.3 99.5

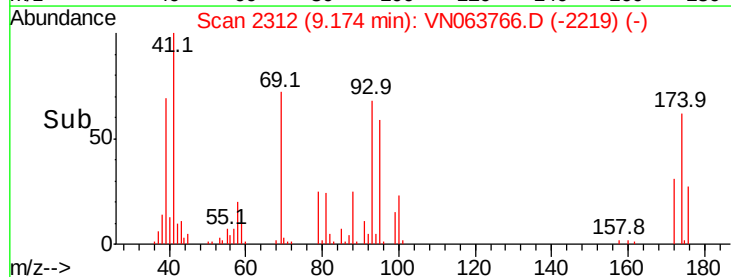
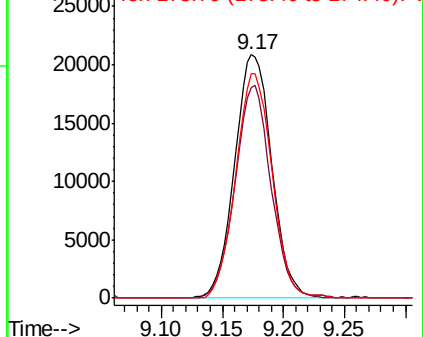
174 90.1 72.7 109.1

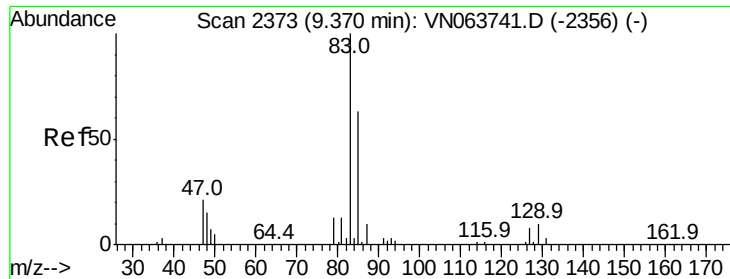


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.717 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

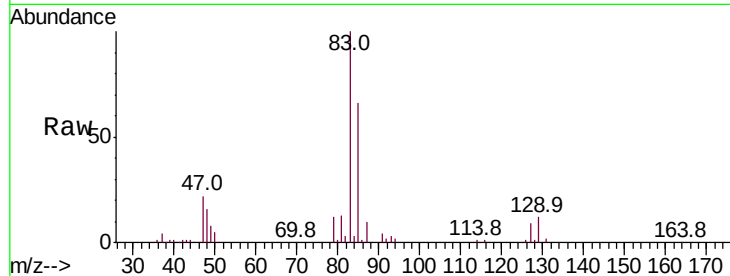
Tot Ion: 83 Resp: 92458

Ion Ratio Lower Upper

83 100

85 66.4 50.6 75.8

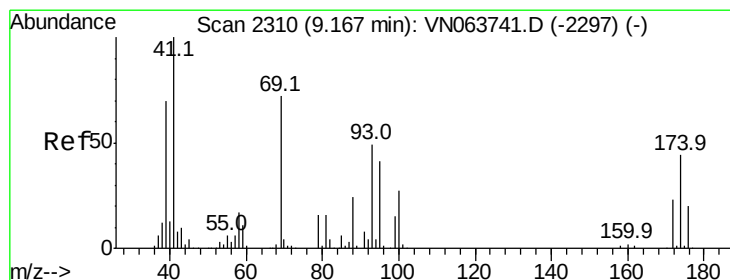
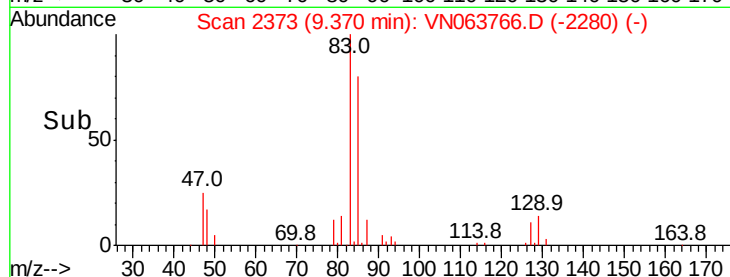
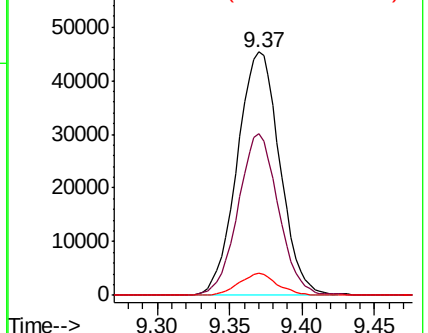
127 9.1 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN063741.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN063741.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN063741.D (-2356) (-)



#48

Methyl methacrylate

Concen: 20.474 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

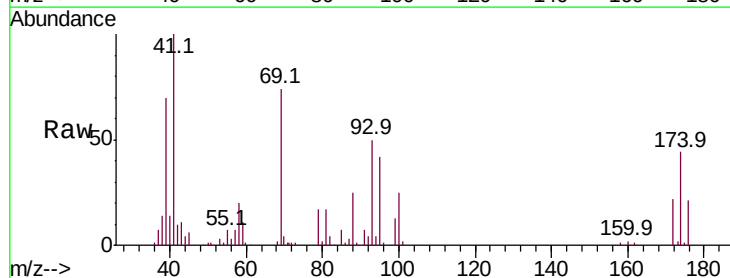
Tgt Ion: 41 Resp: 70878

Ion Ratio Lower Upper

41 100

69 71.7 60.9 91.3

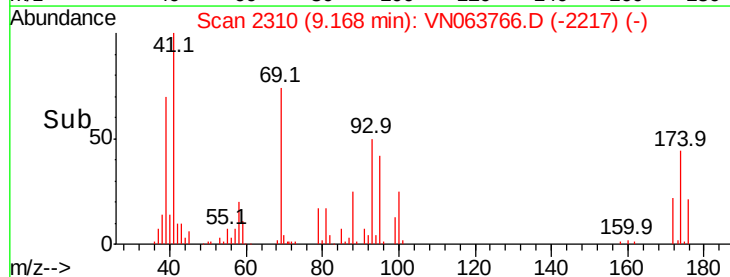
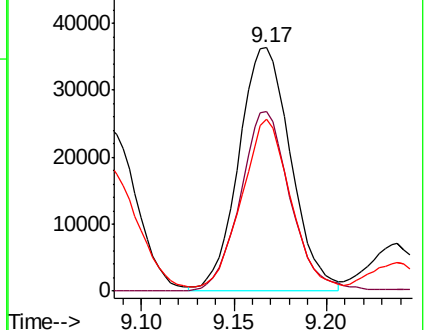
39 66.0 57.5 86.3

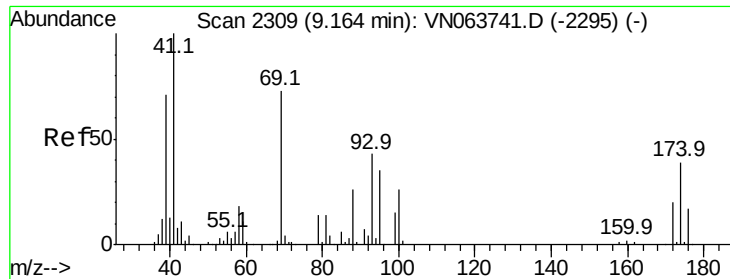


Abundance Ion 41.00 (40.70 to 41.70): VN063741.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN063741.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN063741.D (-2297) (-)





#49

1,4-Dioxane

Concen: 409.260 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampled :

VN1001WBSD01

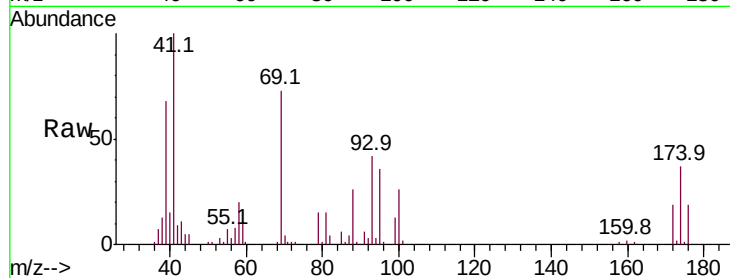
Tot Ion: 88 Resp: 20136

Ion Ratio Lower Upper

88 100

43 43.0 33.1 49.7

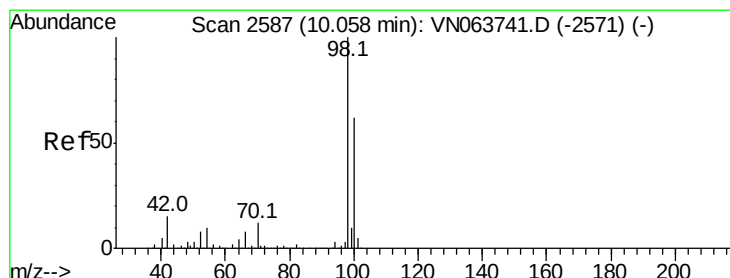
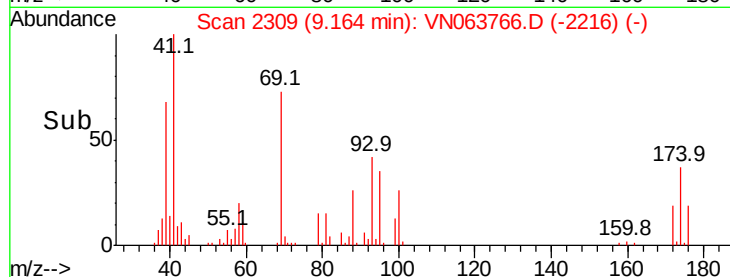
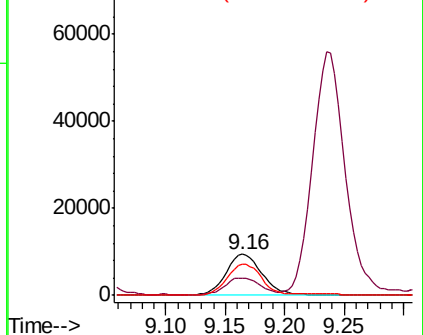
58 71.9 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN063741.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN063741.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2295) (-)



#50

Toluene-d8

Concen: 48.747 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063766.D

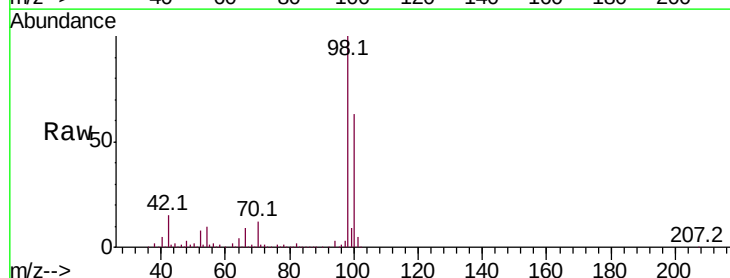
Acq: 1 Oct 2020 12:58

Tgt Ion: 98 Resp: 541170

Ion Ratio Lower Upper

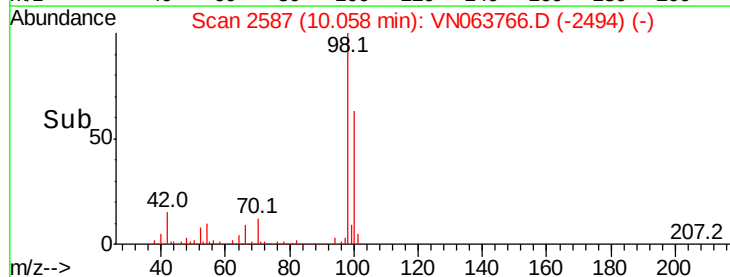
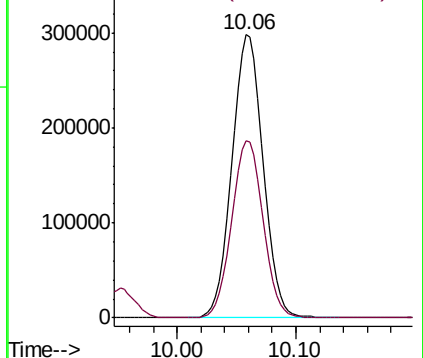
98 100

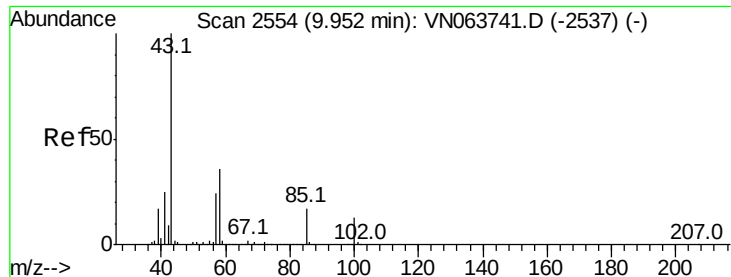
100 62.7 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 101.515 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampled :

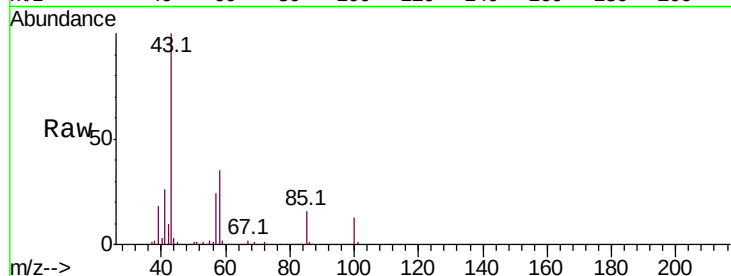
VN1001WBSD01

Tot Ion: 43 Resp: 417430

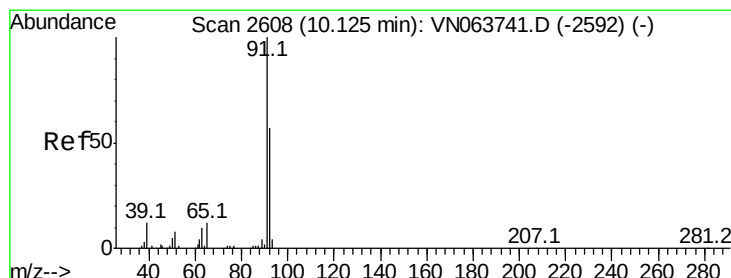
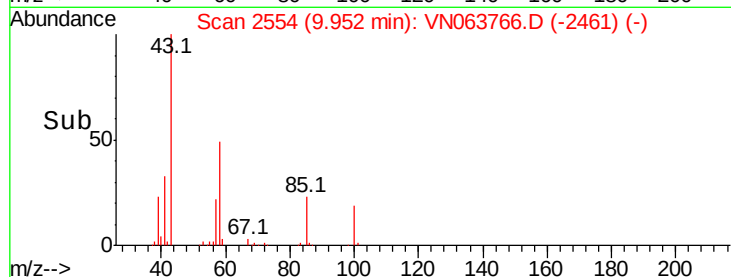
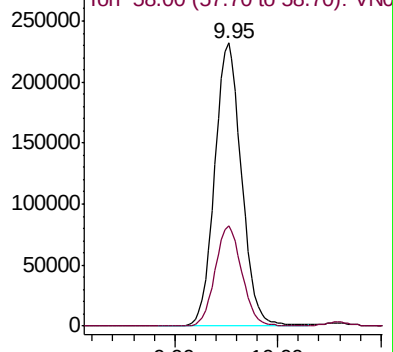
Ion Ratio Lower Upper

43 100

58 35.5 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-2537) (-)



#52

Toluene

Concen: 19.411 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063766.D

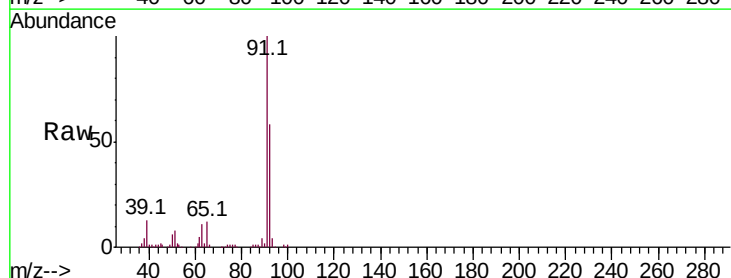
Acq: 1 Oct 2020 12:58

Tgt Ion: 92 Resp: 146632

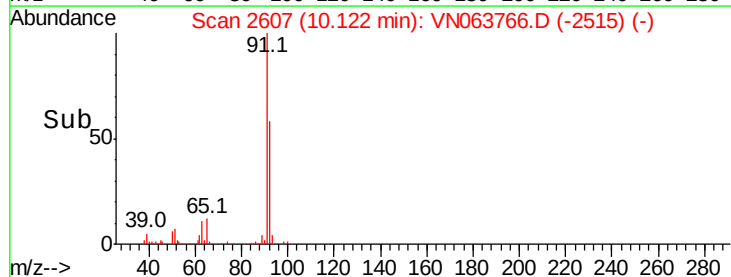
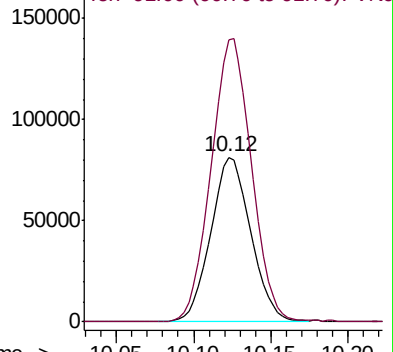
Ion Ratio Lower Upper

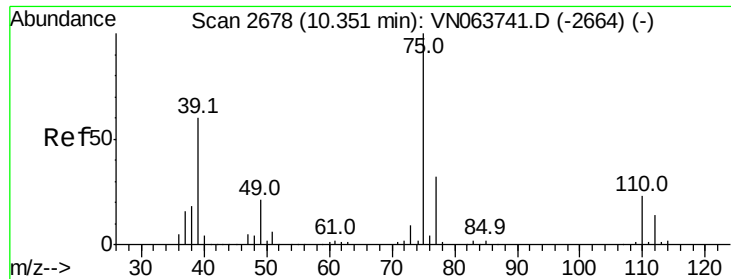
92 100

91 174.2 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063741.D (-2592) (-)





#53

t-1,3-Dichloropropene

Concen: 19.283 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

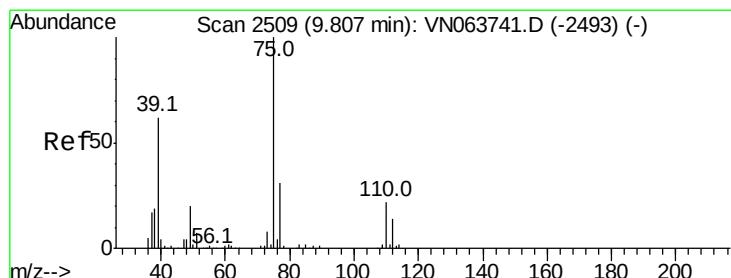
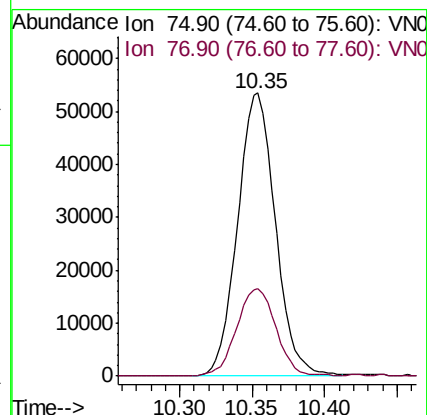
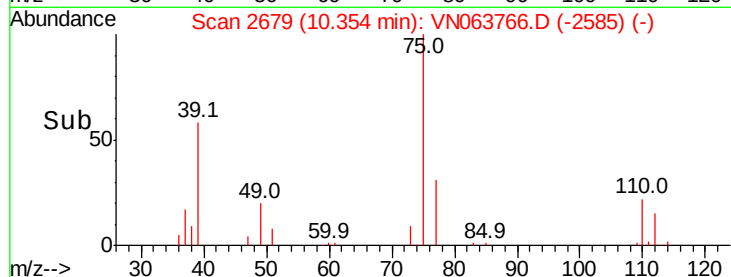
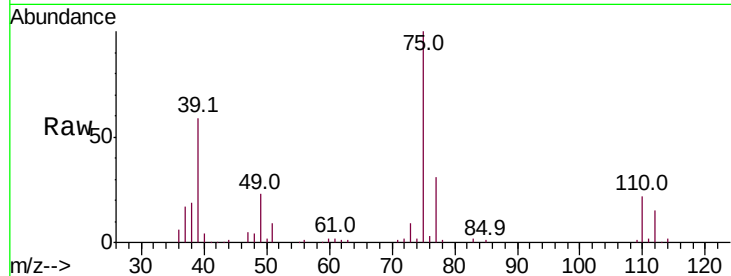
VN1001WBSD01

Tot Ion: 75 Resp: 96927

Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 19.349 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

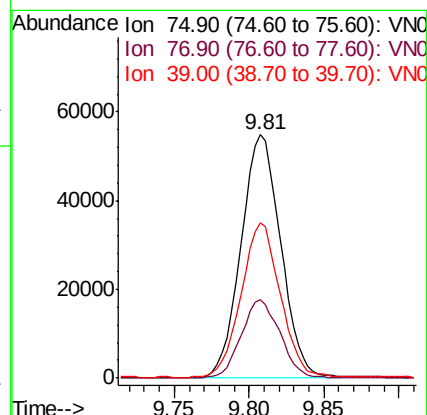
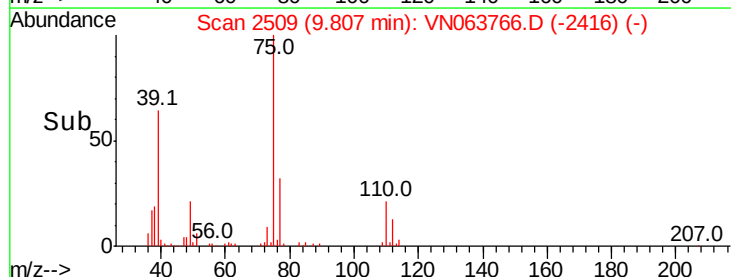
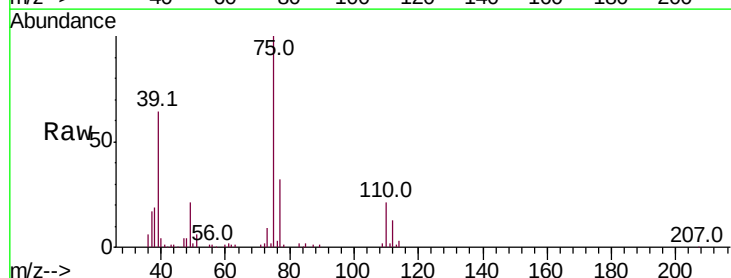
Tgt Ion: 75 Resp: 101719

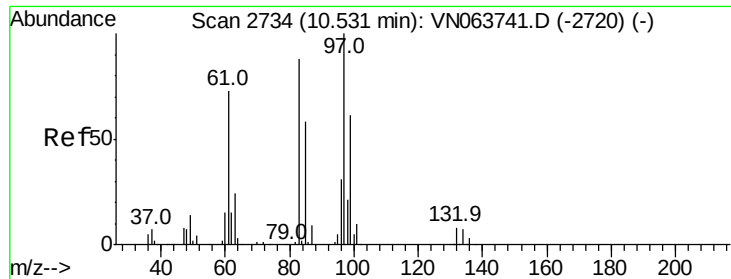
Ion Ratio Lower Upper

75 100

77 32.1 24.6 36.8

39 63.4 49.7 74.5

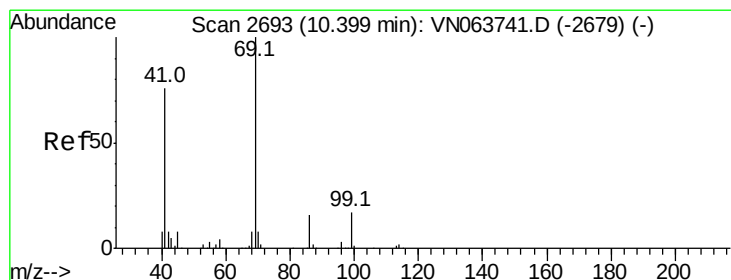
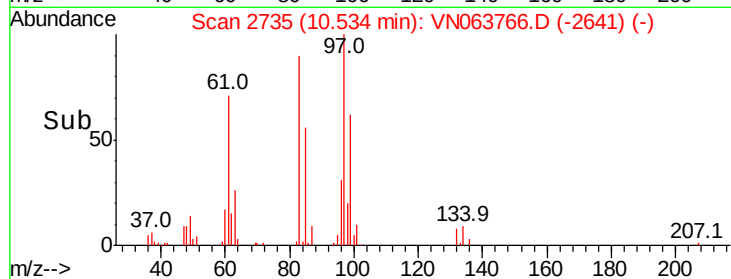
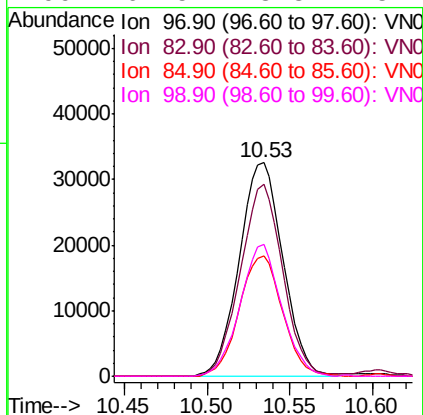
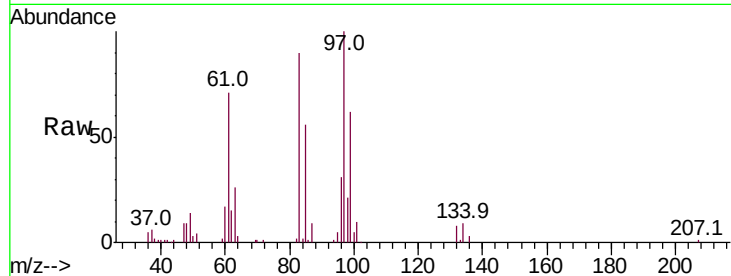




#55
 1,1,2-Trichloroethane
 Concen: 19.770 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

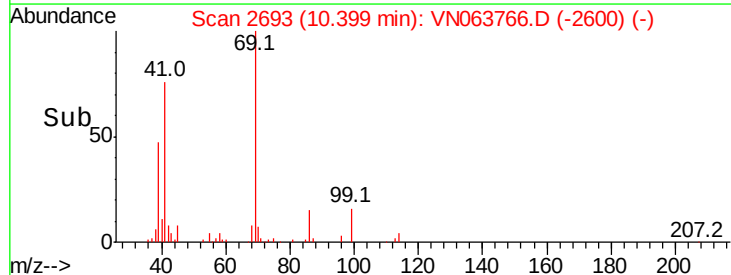
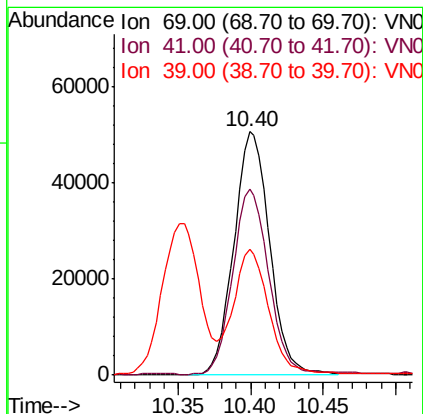
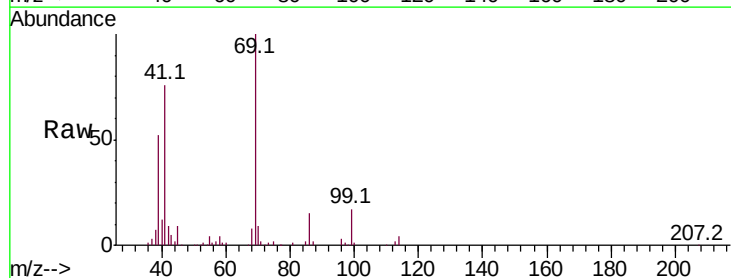
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

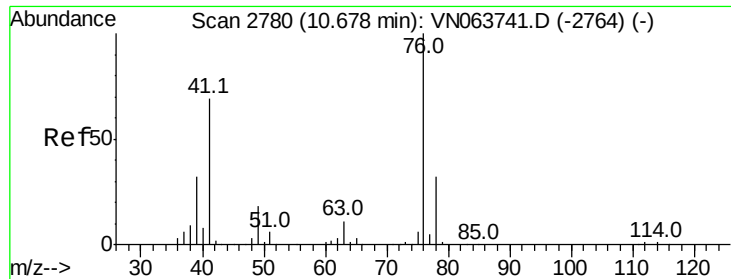
Tot Ion: 97 Resp: 59891
 Ion Ratio Lower Upper
 97 100
 83 89.8 70.7 106.1
 85 56.2 46.1 69.1
 99 61.5 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 20.188 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion: 69 Resp: 86688
 Ion Ratio Lower Upper
 69 100
 41 76.9 61.1 91.7
 39 49.7 42.2 63.4





#57

1,3-Dichloropropane

Concen: 20.249 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

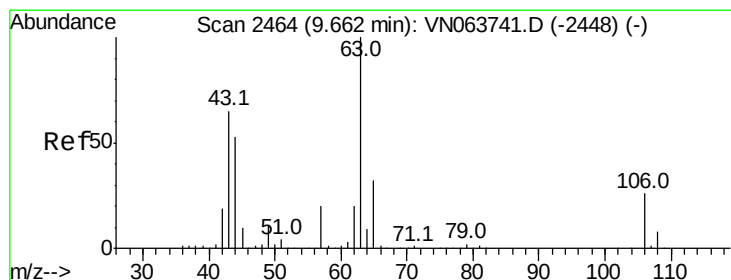
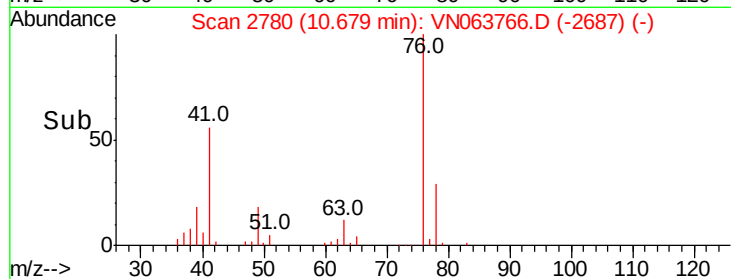
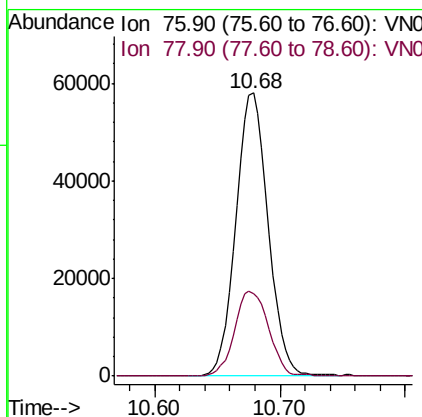
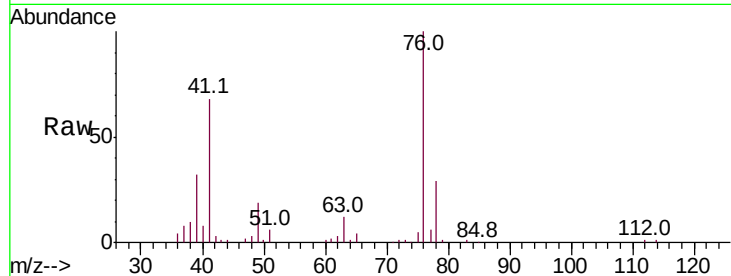
Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tot Ion: 76 Resp: 103782

Ion	Ratio	Lower	Upper
76	100		
78	31.2	25.2	37.8



#58

2-Chloroethyl Vinyl ether

Concen: 103.864 ug/l

RT: 9.66 min Scan# 2464

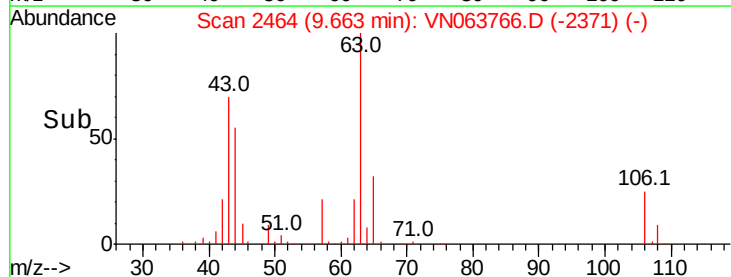
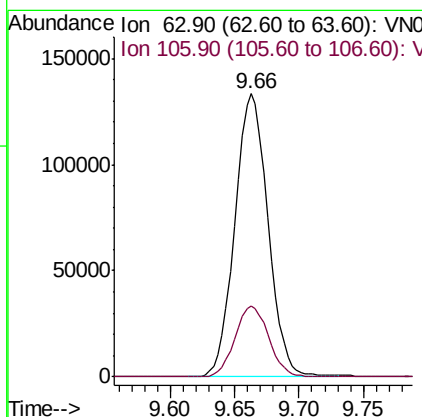
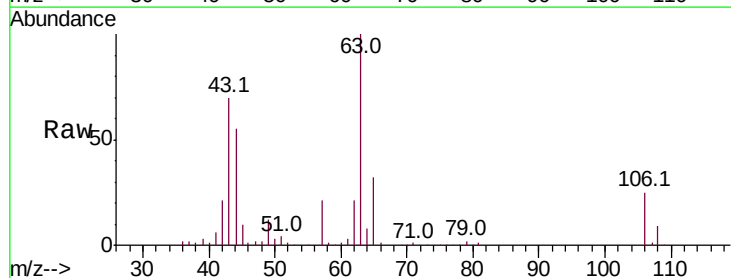
Delta R.T. 0.00 min

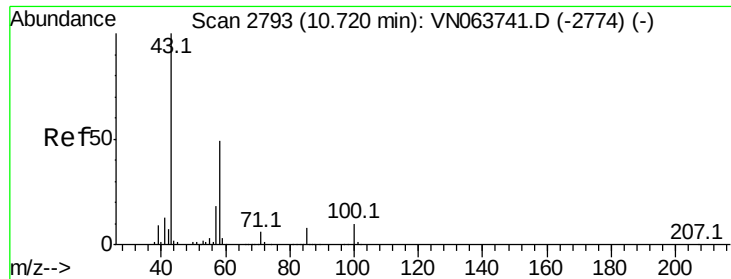
Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Tgt Ion: 63 Resp: 238569

Ion	Ratio	Lower	Upper
63	100		
106	25.4	20.7	31.1

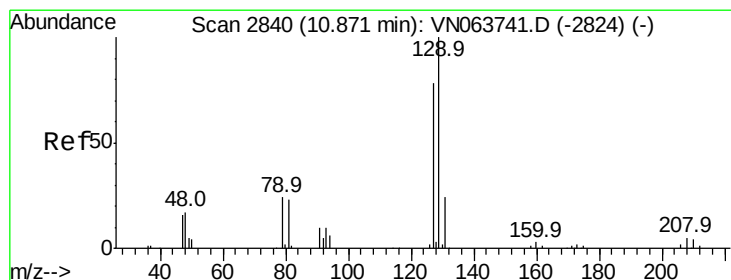
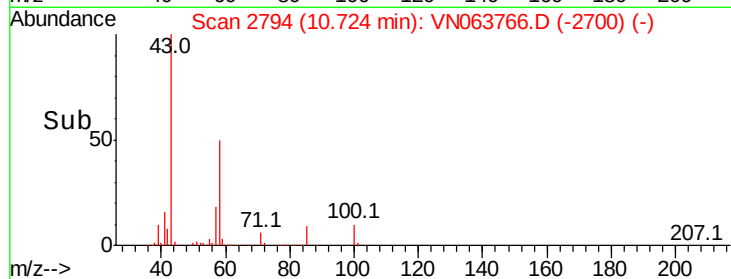
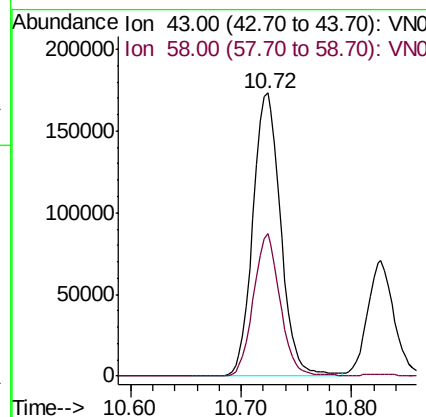
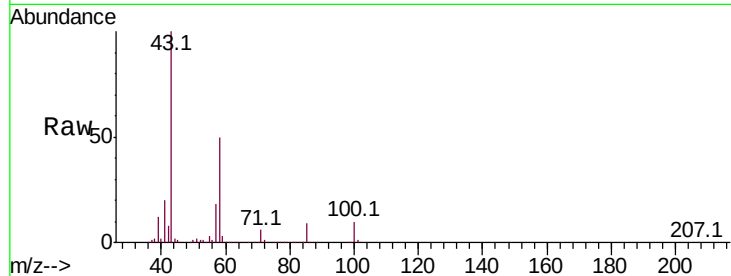




#59
2-Hexanone
Concen: 99.382 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

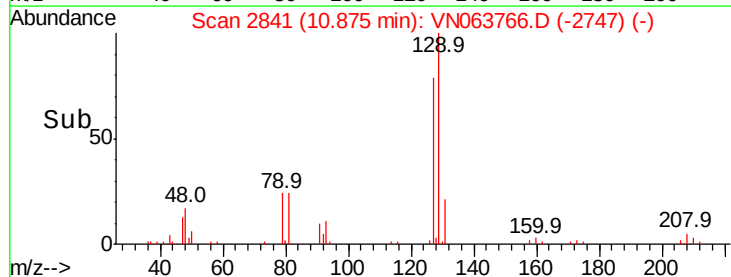
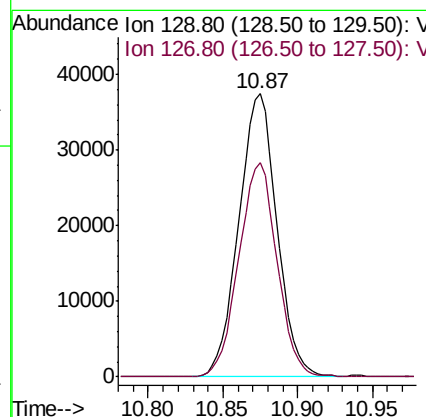
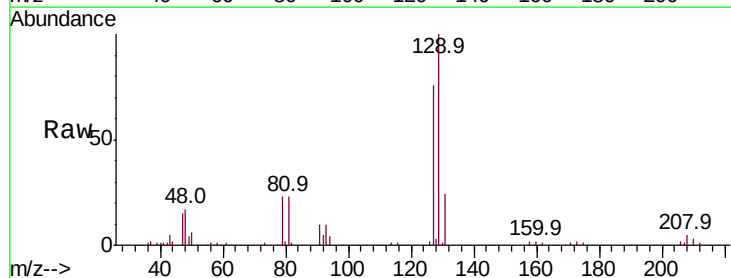
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

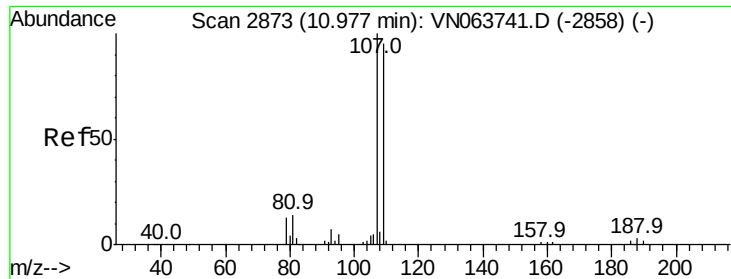
Tot Ion: 43 Resp: 303578
Ion Ratio Lower Upper
43 100
58 48.4 24.6 73.8



#60
Dibromochloromethane
Concen: 18.854 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion: 129 Resp: 66518
Ion Ratio Lower Upper
129 100
127 75.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.134 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

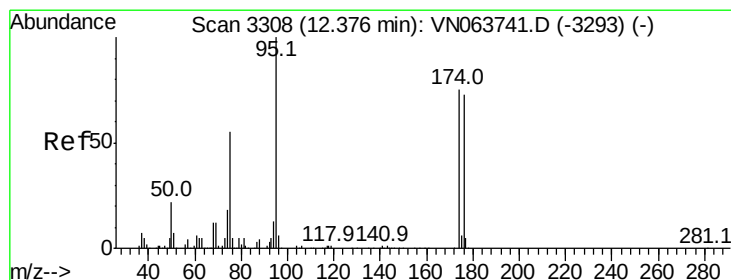
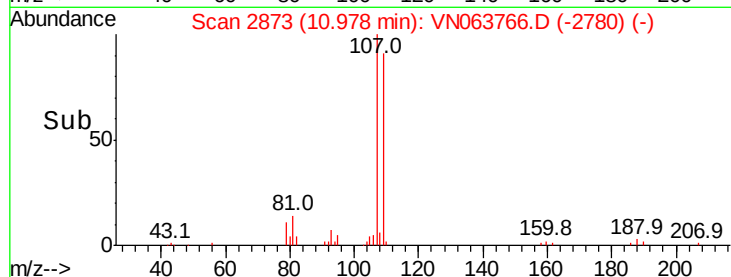
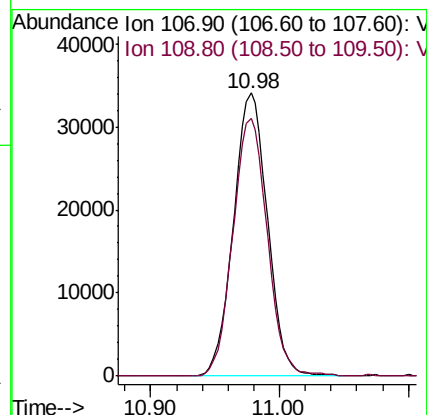
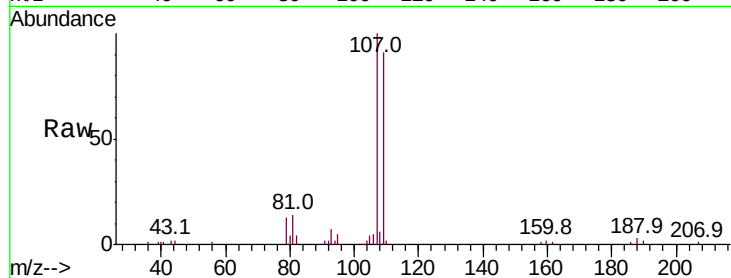
VN1001WBSD01

Tot Ion:107 Resp: 62391

Ion Ratio Lower Upper

107 100

109 92.1 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 47.247 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

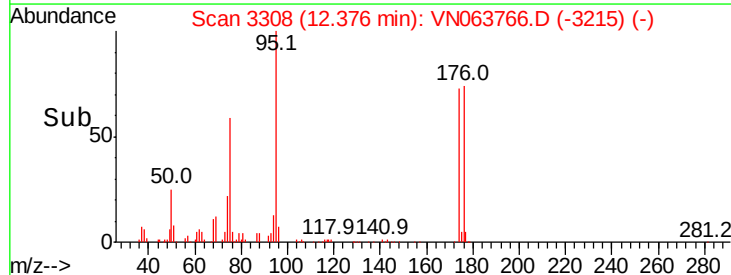
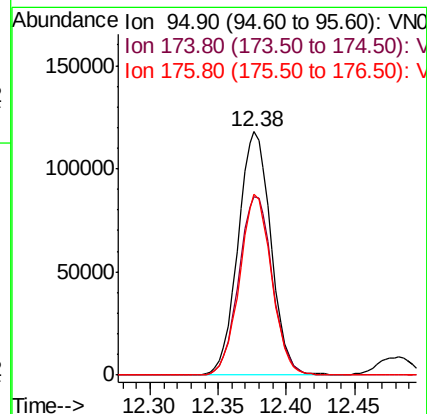
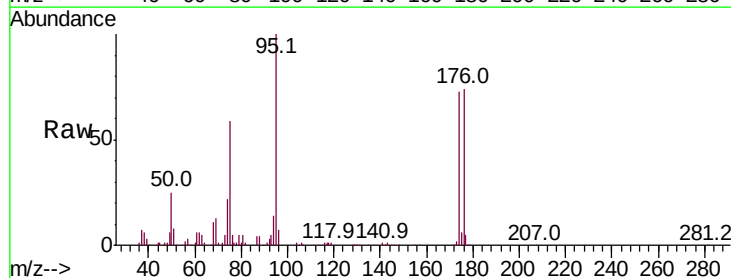
Tgt Ion: 95 Resp: 197173

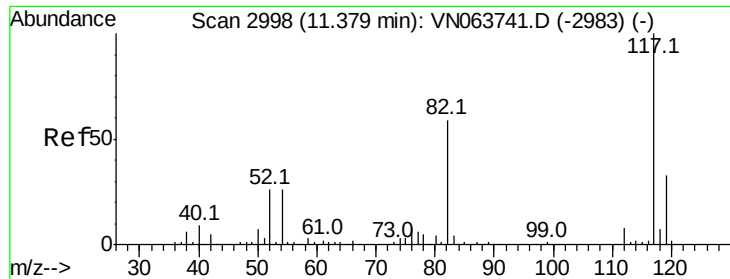
Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.6

176 72.3 0.0 145.4

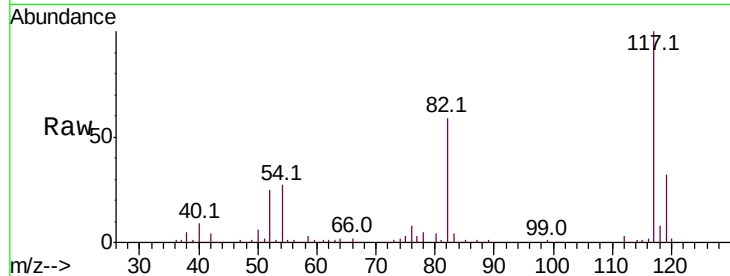




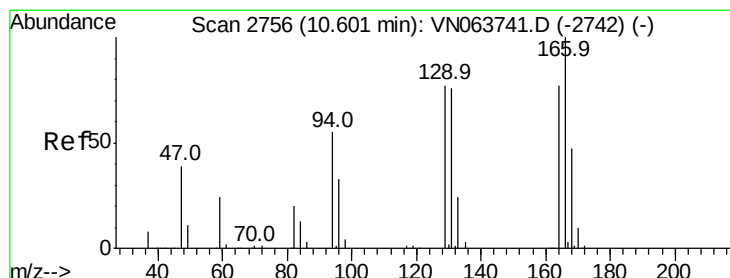
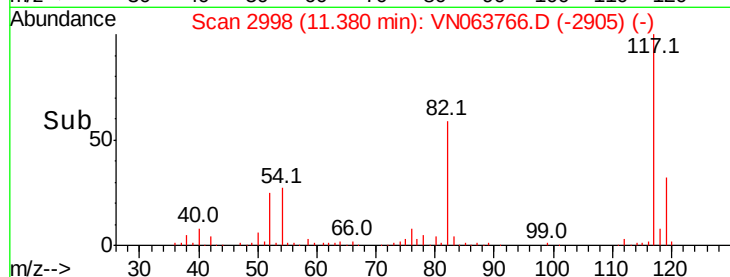
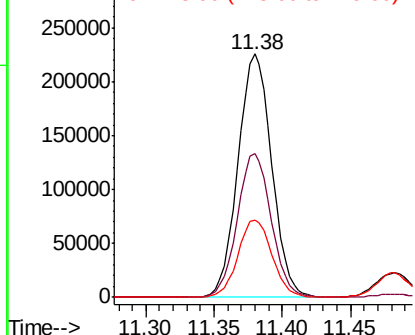
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

Tot Ion:117 Resp: 387922
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 32.0 26.4 39.6



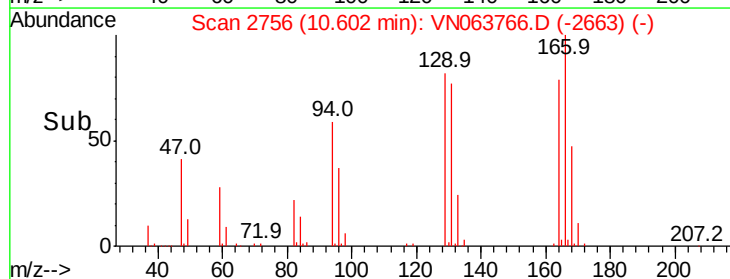
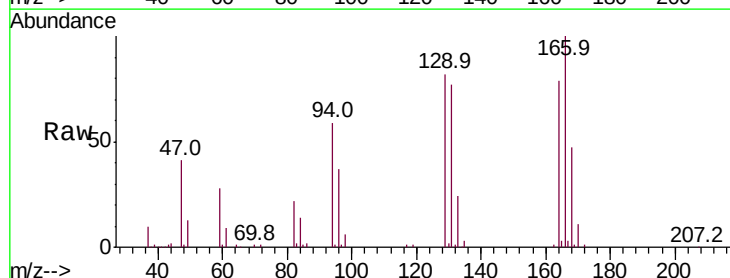
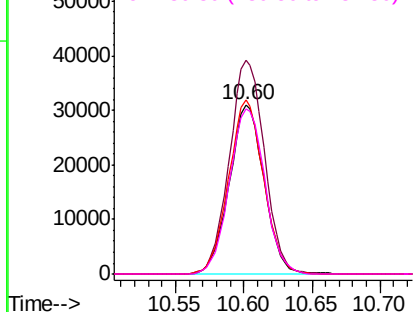
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

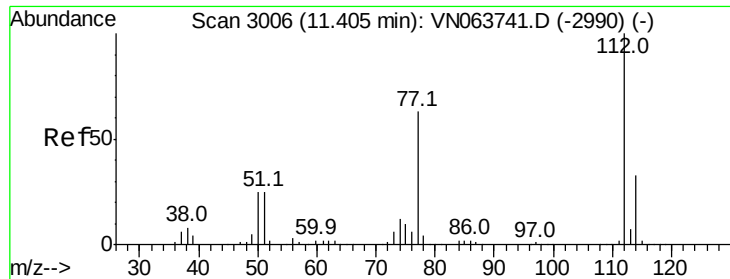


#64
Tetrachloroethene
Concen: 18.251 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion:164 Resp: 54775
Ion Ratio Lower Upper
164 100
166 126.2 103.9 155.9
129 103.2 80.3 120.5
131 97.8 78.9 118.3

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





#65

Chlorobenzene

Concen: 19.382 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

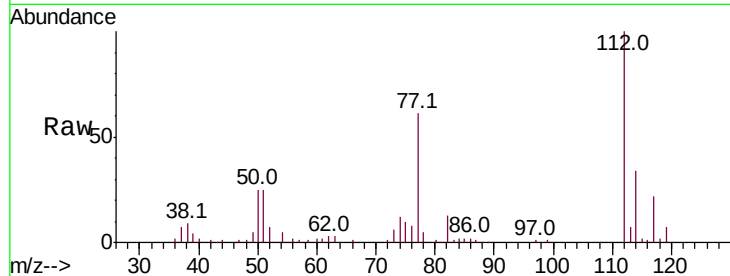
VN1001WBSD01

Tot Ion:112 Resp: 154233

Ion Ratio Lower Upper

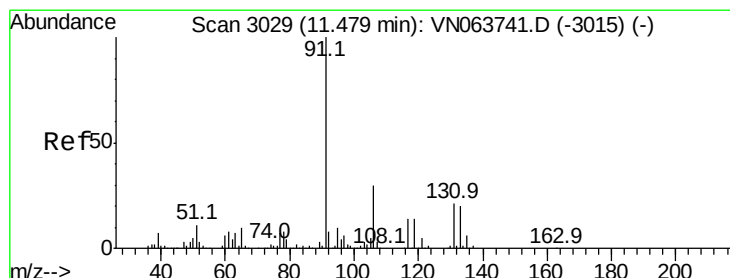
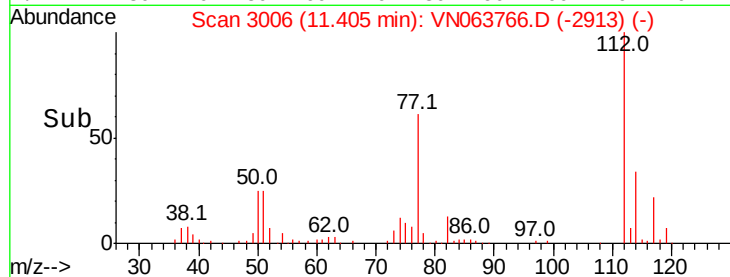
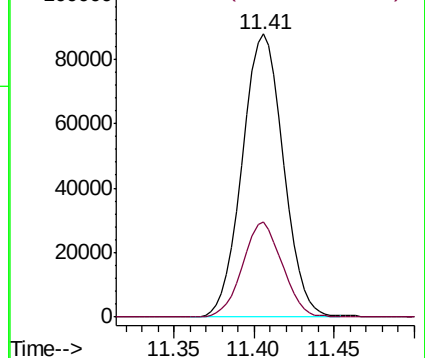
112 100

114 33.8 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.989 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

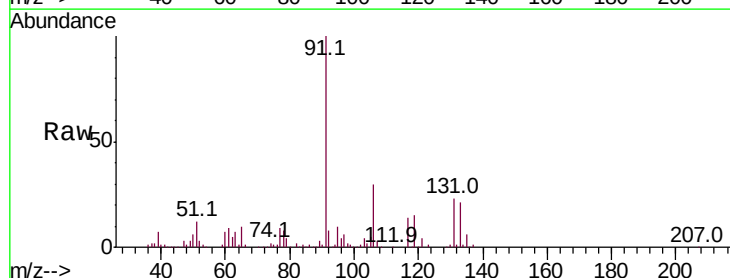
Tgt Ion:131 Resp: 60981

Ion Ratio Lower Upper

131 100

133 94.1 47.3 141.8

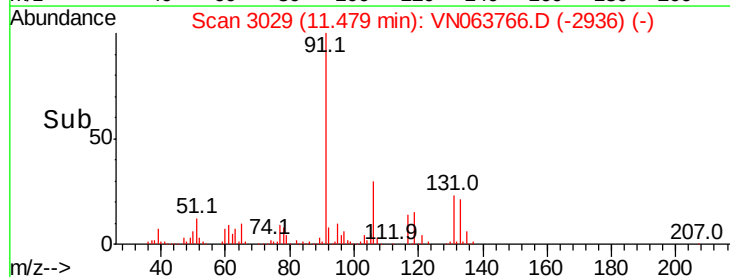
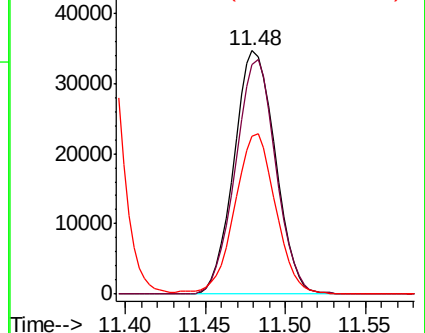
119 65.4 32.6 97.7

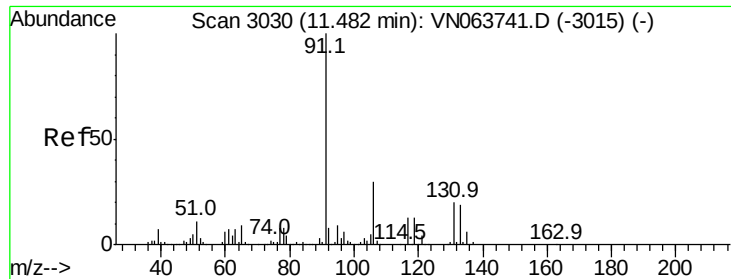


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.492 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

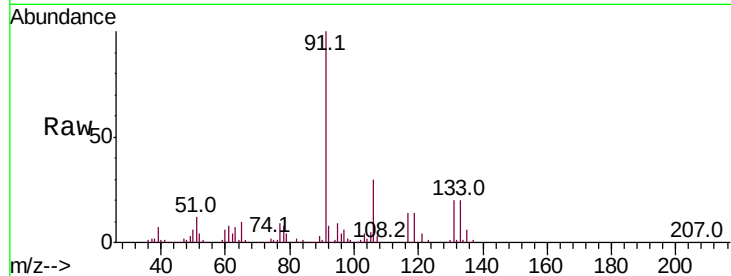
VN1001WBSD01

Tot Ion: 91 Resp: 282239

Ion Ratio Lower Upper

91 100

106 30.2 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3015) (-)

Ion 106.00 (105.70 to 106.70): VN063741.D (-3015) (-)

11.48

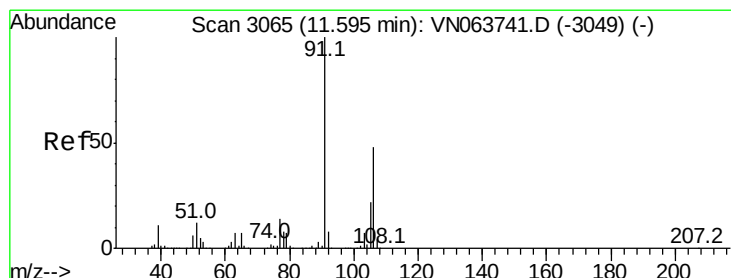
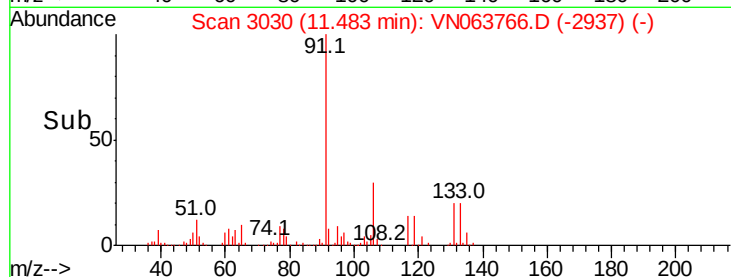
150000

100000

50000

0

Time--> 11.40 11.45 11.50 11.55



#68

m/p-Xylenes

Concen: 37.763 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063766.D

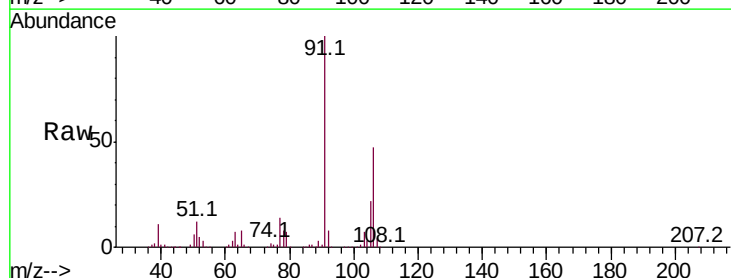
Acq: 1 Oct 2020 12:58

Tgt Ion: 106 Resp: 203791

Ion Ratio Lower Upper

106 100

91 214.5 168.0 252.0



Abundance Ion 106.00 (105.70 to 106.70): VN063741.D (-3049) (-)

Ion 91.00 (90.70 to 91.70): VN063741.D (-3049) (-)

11.60

250000

200000

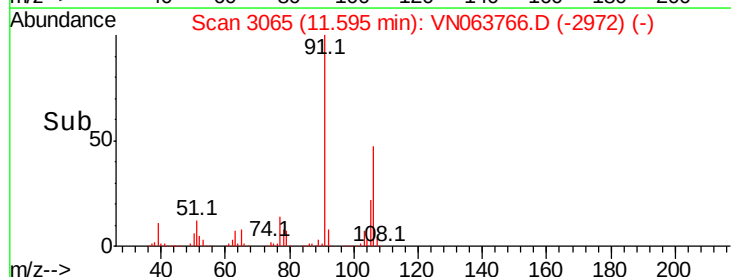
150000

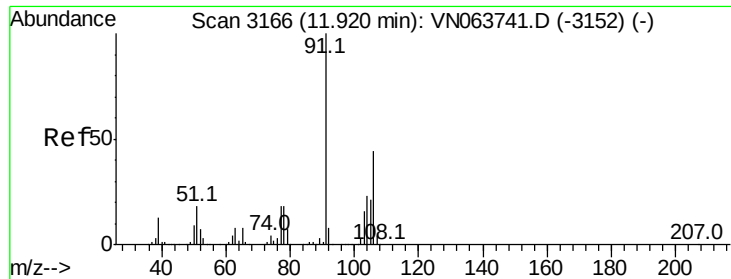
100000

50000

0

Time--> 11.50 11.60

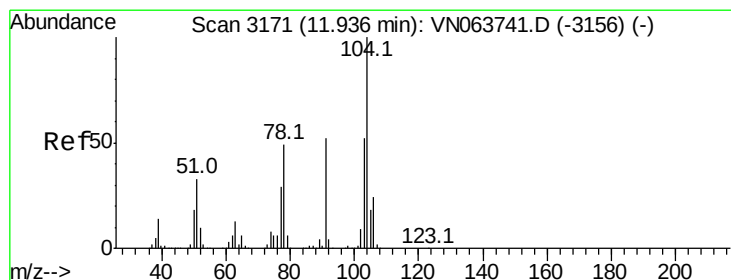
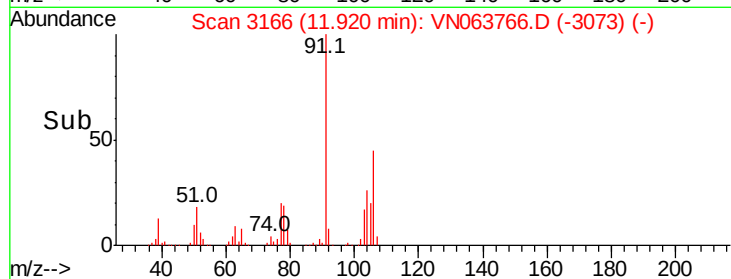
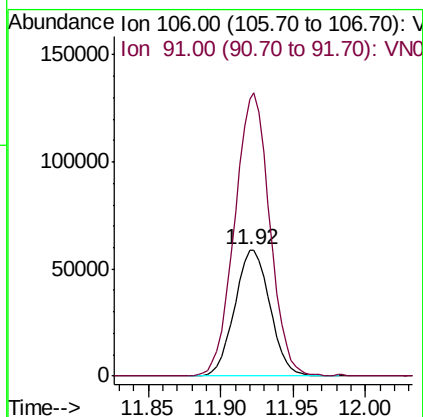
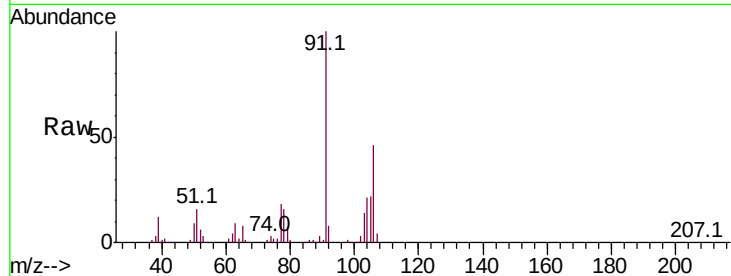




#69
o-Xylene
Concen: 19.782 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

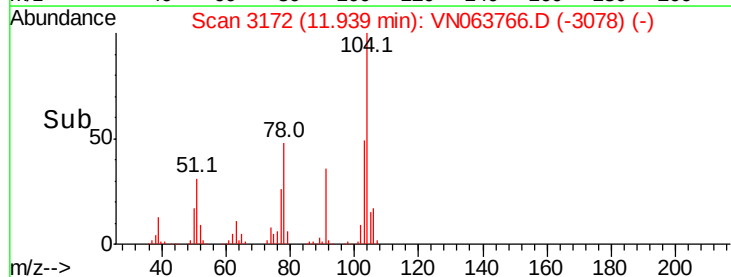
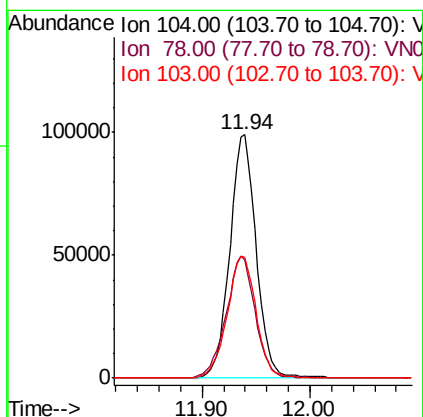
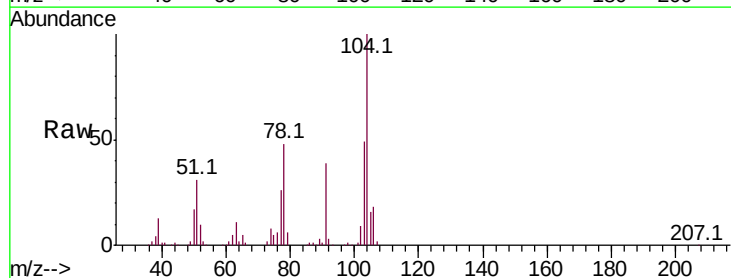
Instrument :
MSVOA_N
ClientSampled :
VN1001WBSD01

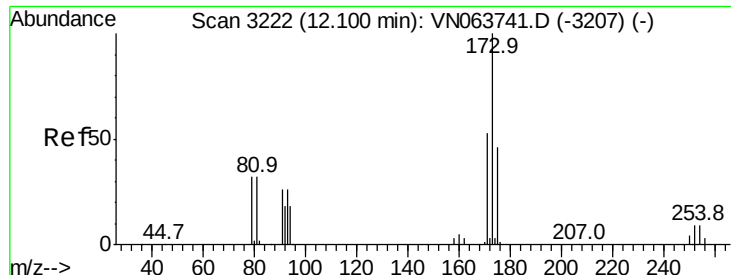
Tot Ion:106 Resp: 99778
Ion Ratio Lower Upper
106 100
91 222.1 112.7 338.0



#70
Styrene
Concen: 19.597 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion:104 Resp: 167791
Ion Ratio Lower Upper
104 100
78 55.0 44.1 66.1
103 55.1 44.3 66.5

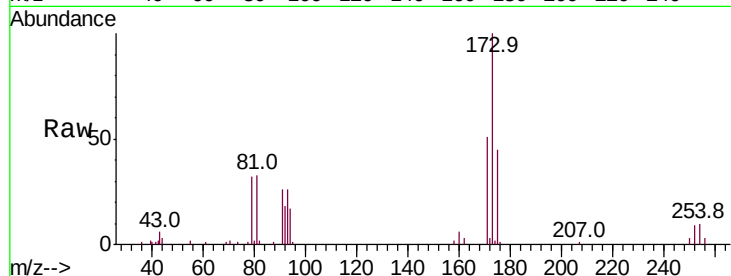




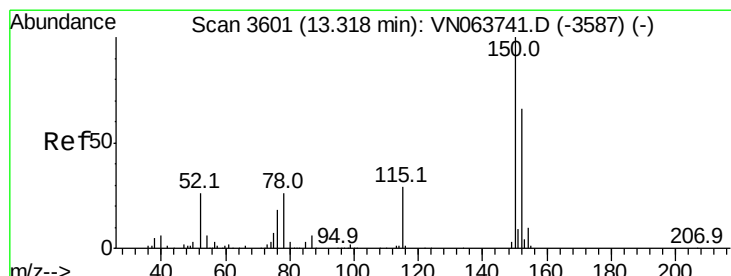
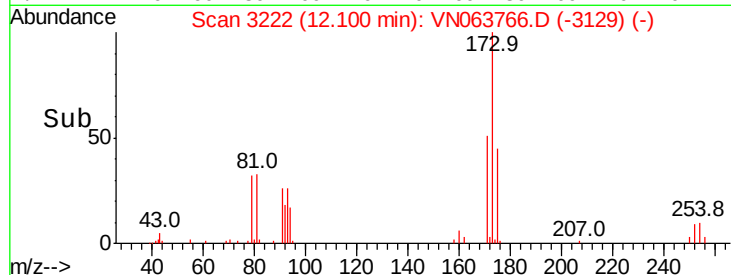
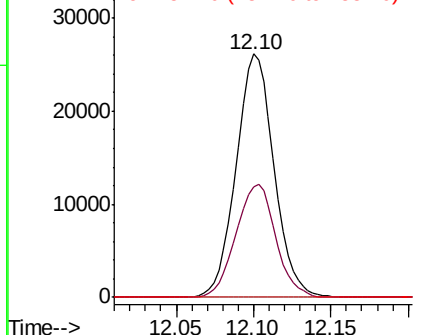
#71
Bromoform
Concen: 19.072 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Instrument :
MSVOA_N
ClientSampled :
VN1001WBSD01

Tot Ion:173 Resp: 44498
Ion Ratio Lower Upper
173 100
175 48.7 23.5 70.5
254 0.0 0.0 0.0

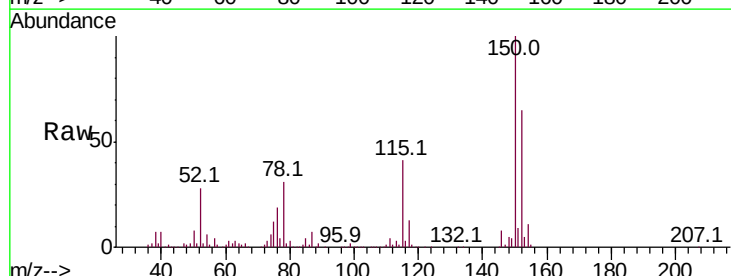


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

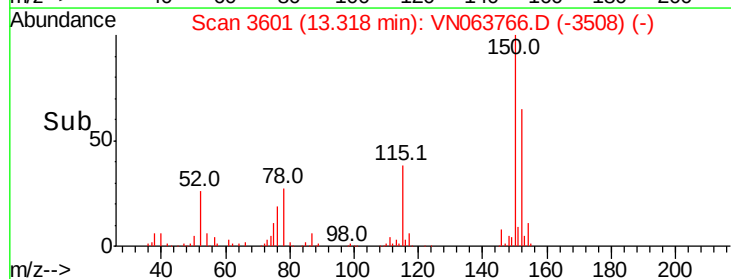
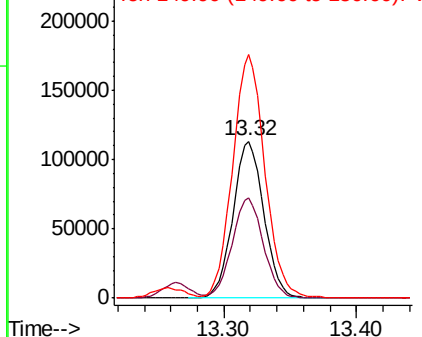


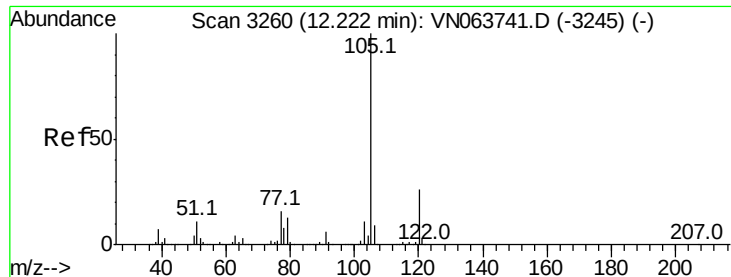
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion:152 Resp: 183518
Ion Ratio Lower Upper
152 100
115 64.0 31.3 93.8
150 161.1 0.0 341.8



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





#73

Isopropylbenzene

Concen: 19.770 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

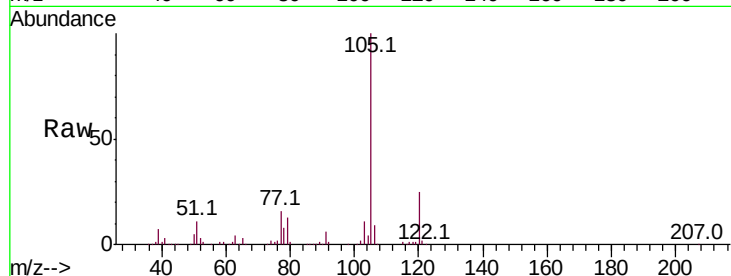
VN1001WBSD01

Tot Ion:105 Resp: 264638

Ion Ratio Lower Upper

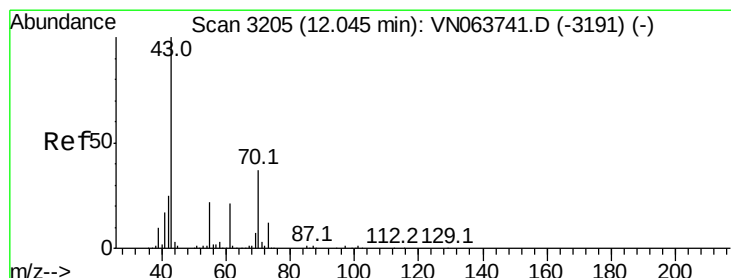
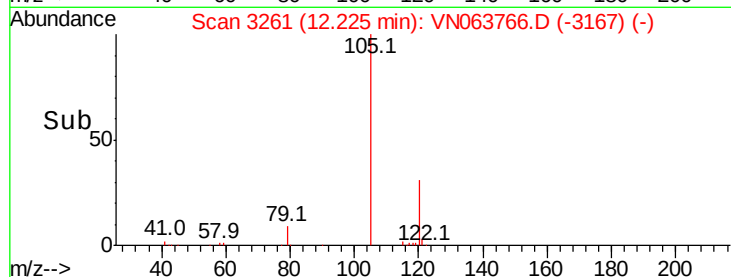
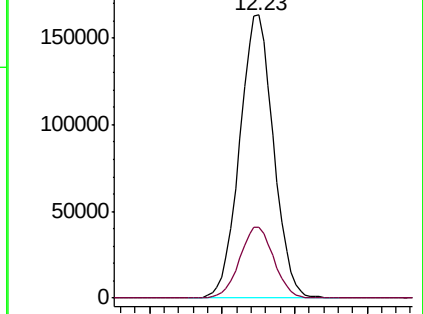
105 100

120 25.2 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.600 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Tgt Ion: 43 Resp: 119676

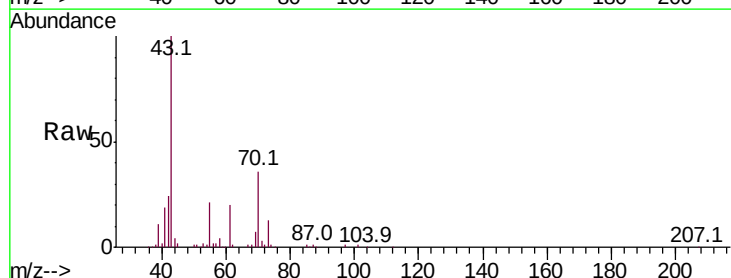
Ion Ratio Lower Upper

43 100

70 35.7 29.8 44.8

55 21.7 17.9 26.9

61 19.6 17.0 25.4

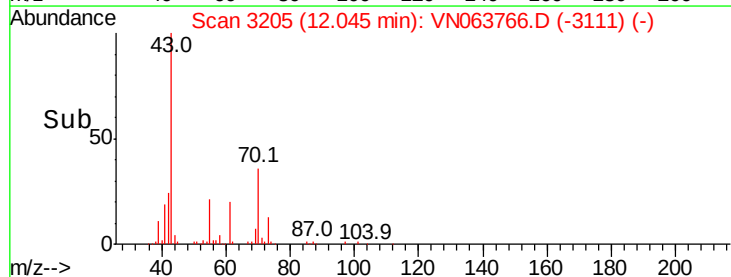
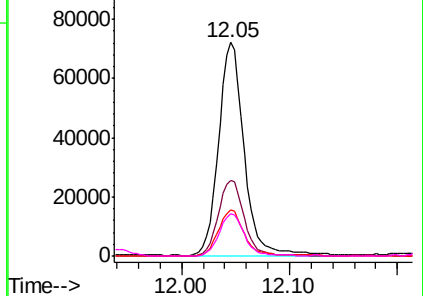


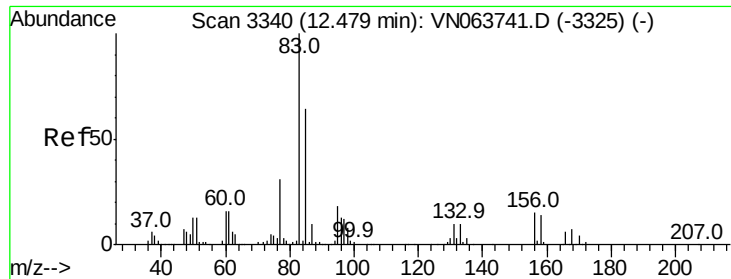
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.560 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

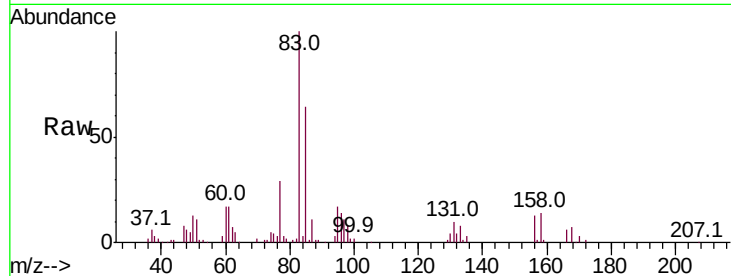
Tot Ion: 83 Resp: 84156

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

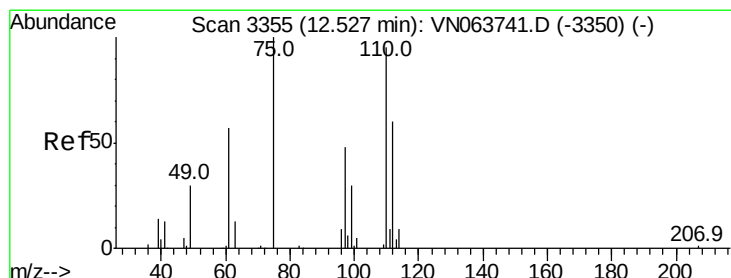
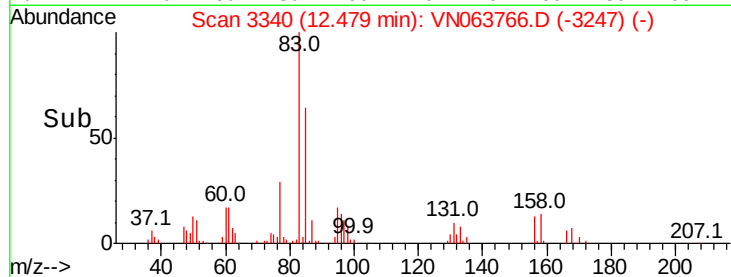
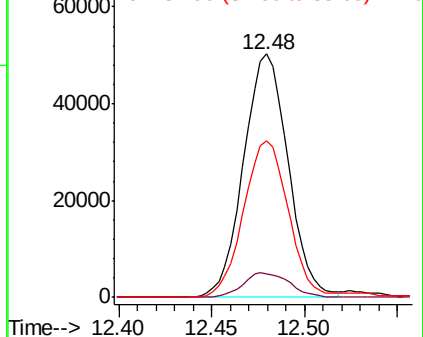
85 64.2 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063741.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063741.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063741.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 28.339 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063766.D

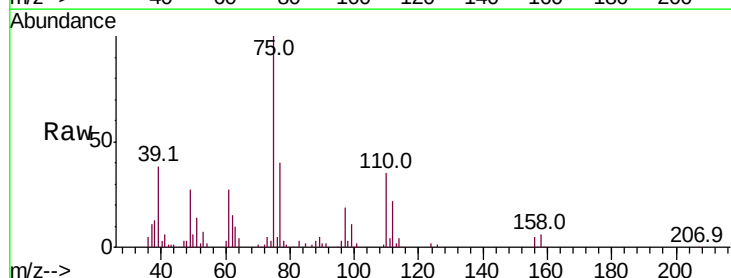
Acq: 1 Oct 2020 12:58

Tgt Ion: 75 Resp: 114643

Ion Ratio Lower Upper

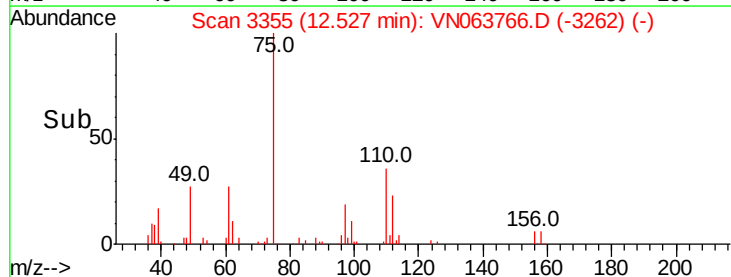
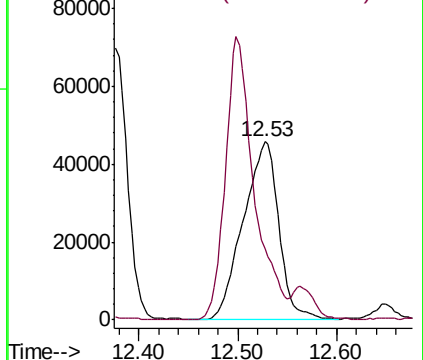
75 100

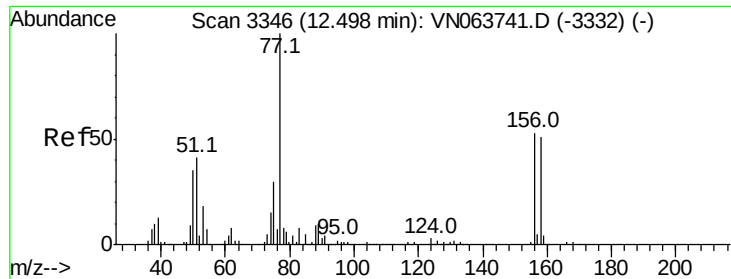
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063741.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN063741.D (-3350) (-)





#77

Bromobenzene

Concen: 19.895 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

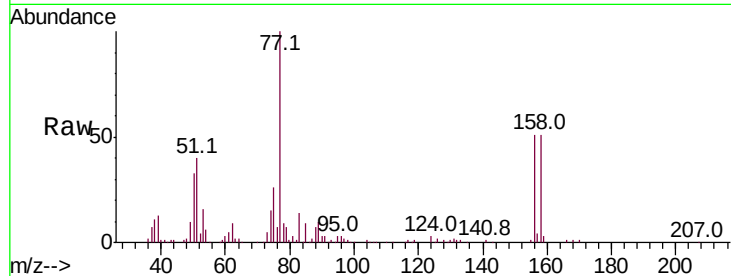
Tot Ion:156 Resp: 65346

Ion Ratio Lower Upper

156 100

77 227.5 110.9 332.7

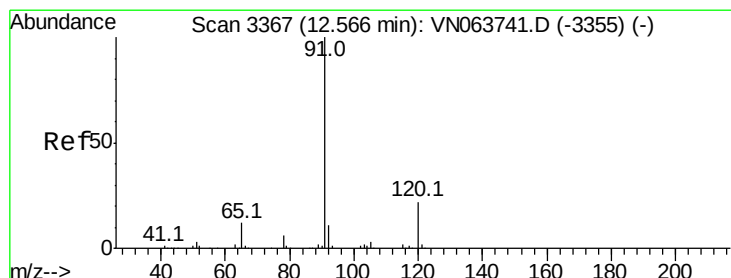
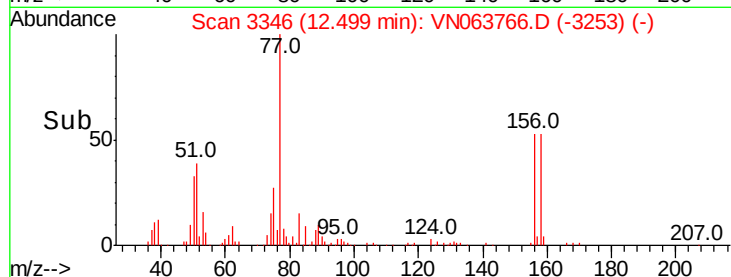
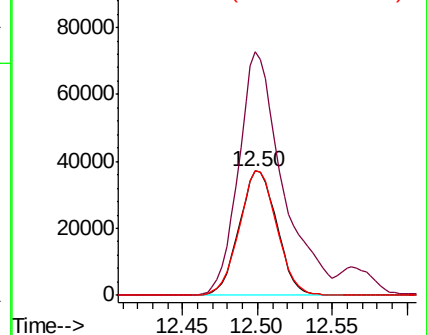
158 99.6 47.7 143.1



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: 19.438 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063766.D

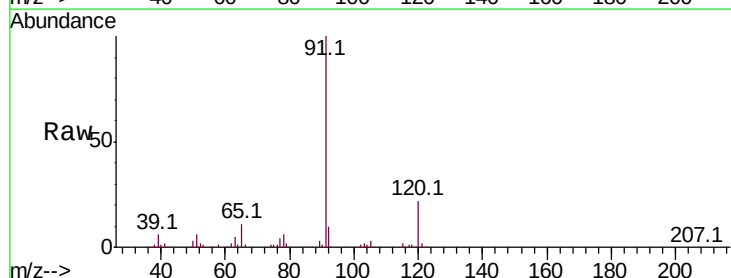
Acq: 1 Oct 2020 12:58

Tgt Ion: 91 Resp: 302811

Ion Ratio Lower Upper

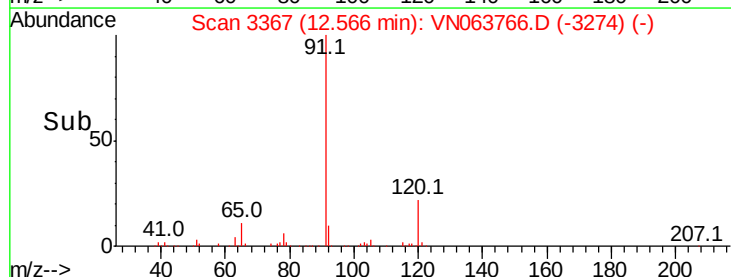
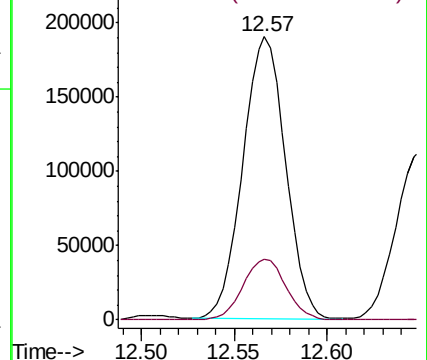
91 100

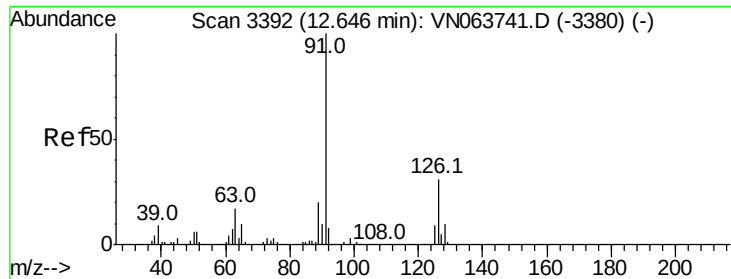
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

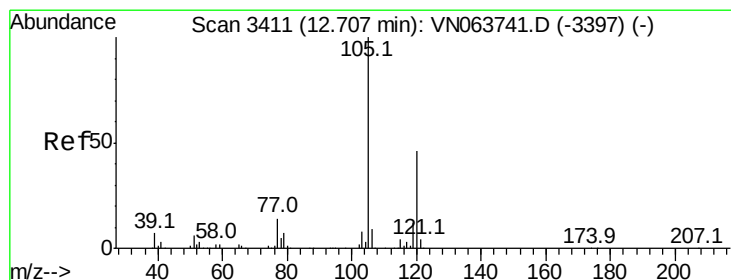
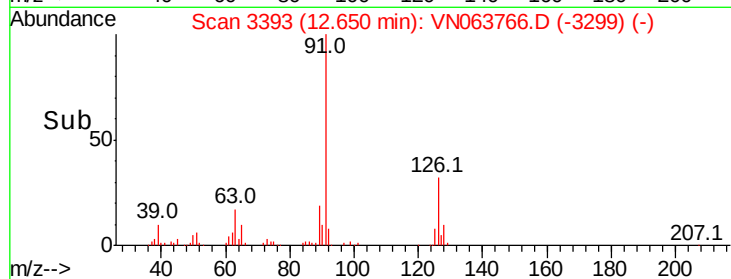
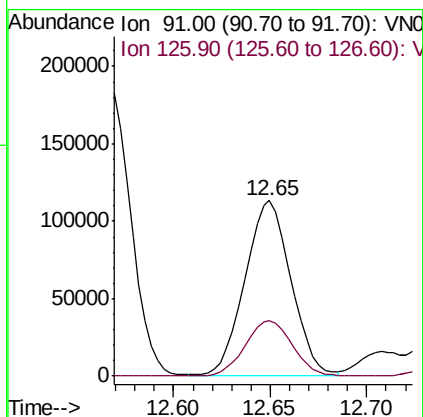
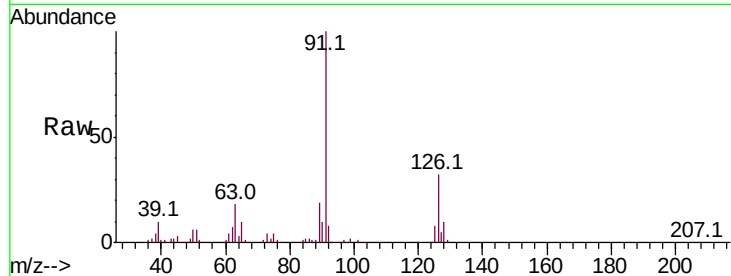




#79
 2-Chlorotoluene
 Concen: 19.361 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

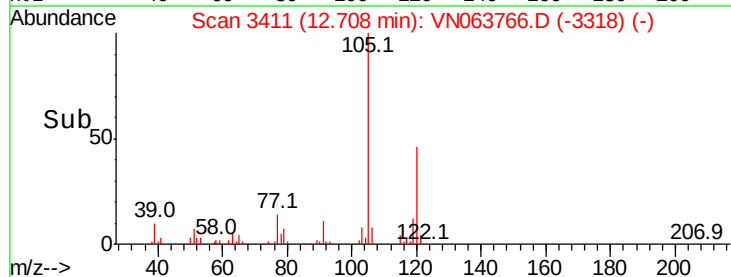
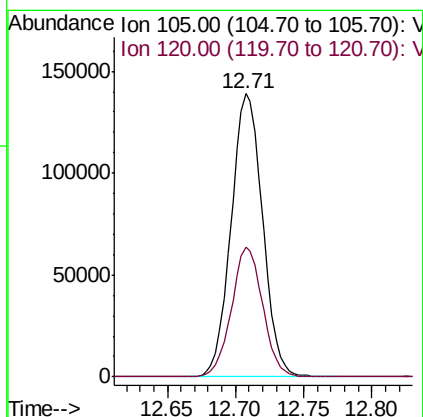
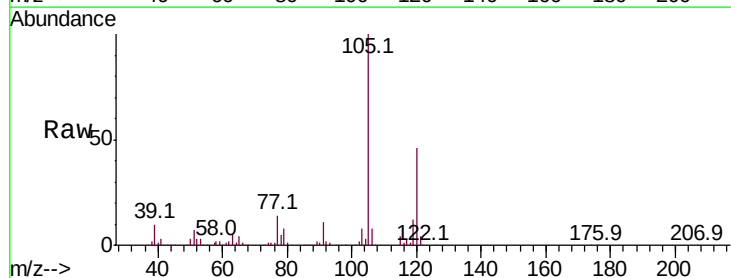
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

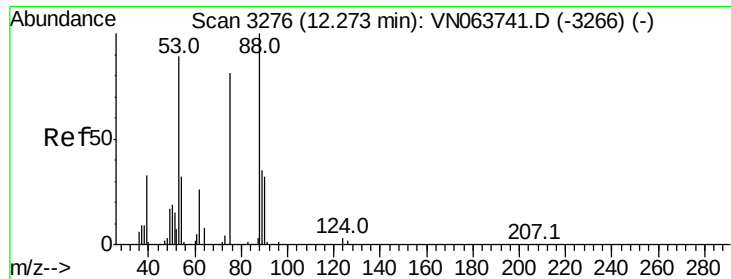
Tot Ion: 91 Resp: 185497
 Ion Ratio Lower Upper
 91 100
 126 33.2 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.852 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion:105 Resp: 222936
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.405 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

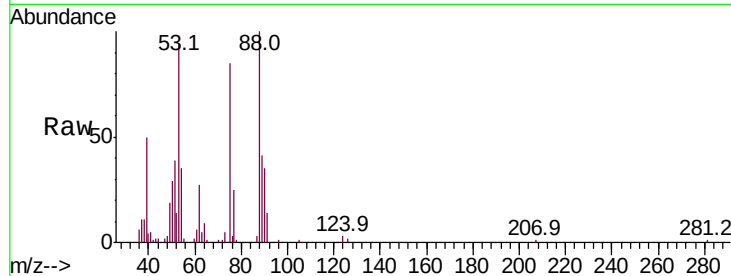
Tot Ion: 75 Resp: 27256

Ion Ratio Lower Upper

75 100

53 114.0 88.2 132.2

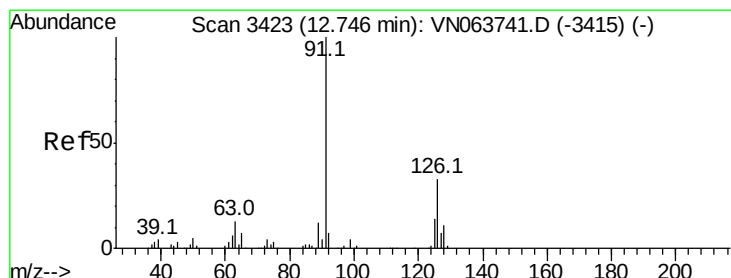
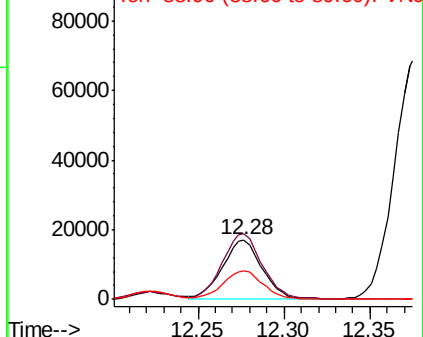
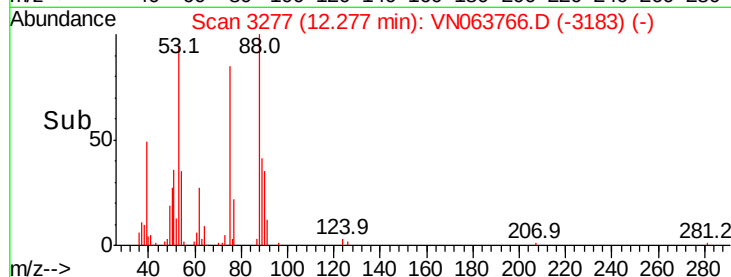
89 49.8 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.864 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063766.D

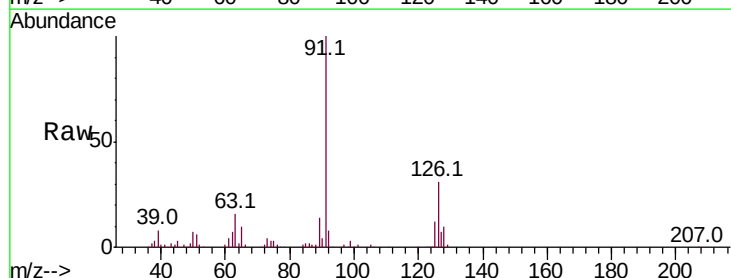
Acq: 1 Oct 2020 12:58

Tgt Ion: 91 Resp: 197567

Ion Ratio Lower Upper

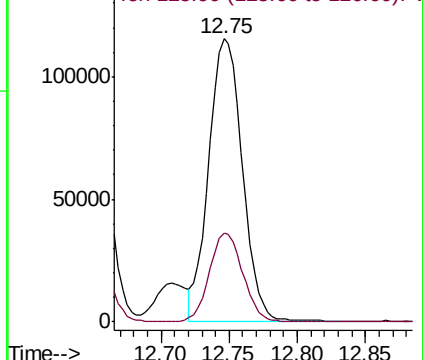
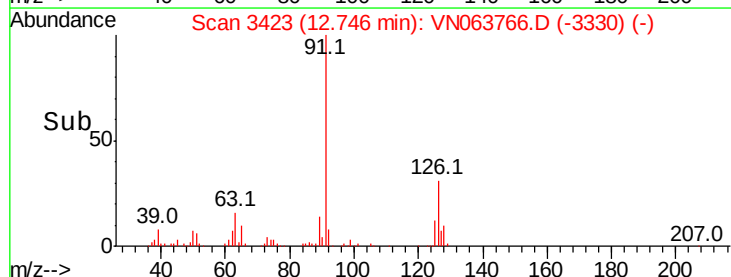
91 100

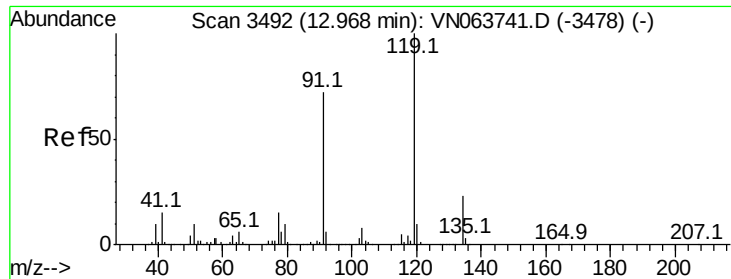
126 30.8 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

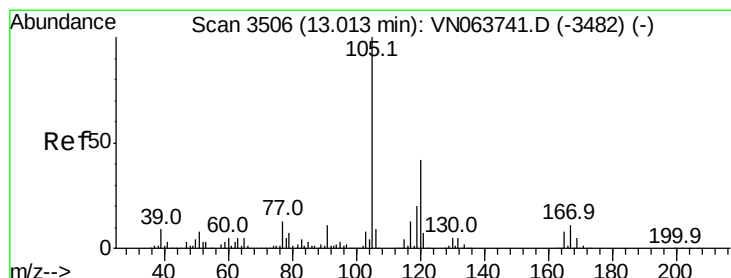
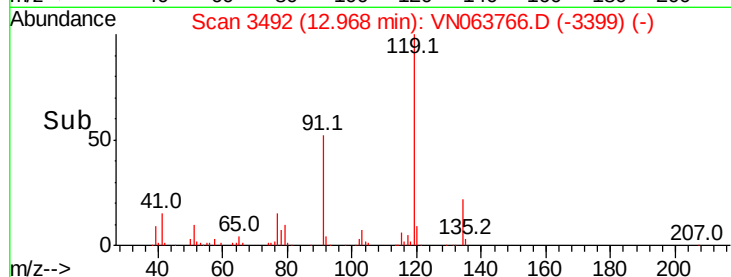
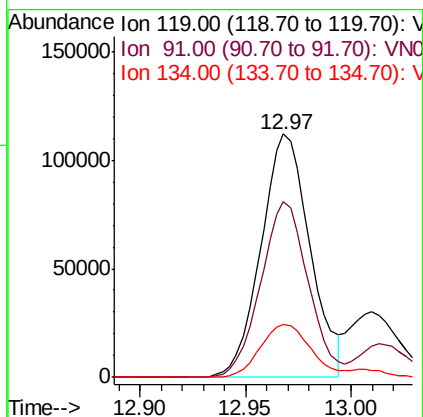
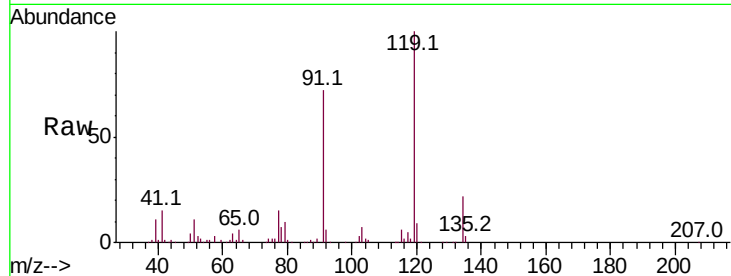




#83
 tert-Butylbenzene
 Concen: 19.722 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

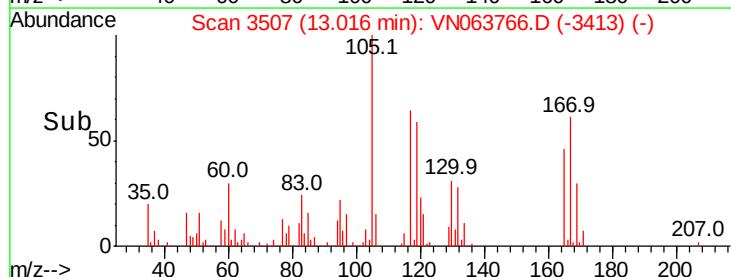
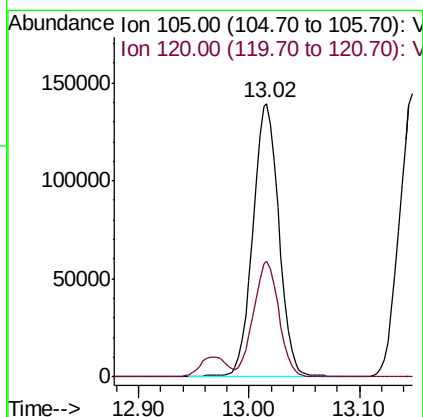
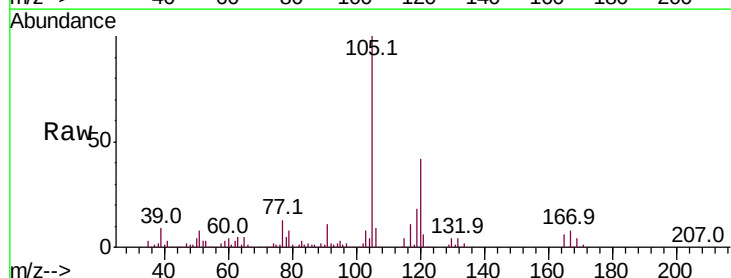
Instrument :
 MSVOA_N
 ClientSampled :
 VN1001WBSD01

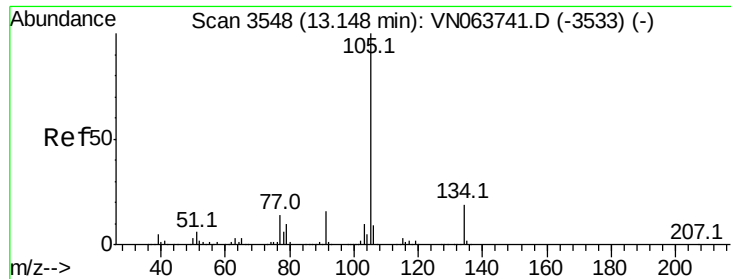
Tot Ion:119 Resp: 181159
 Ion Ratio Lower Upper
 119 100
 91 70.4 35.5 106.5
 134 22.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.289 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion:105 Resp: 227480
 Ion Ratio Lower Upper
 105 100
 120 41.5 20.9 62.7





#85

sec-Butylbenzene

Concen: 19.029 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

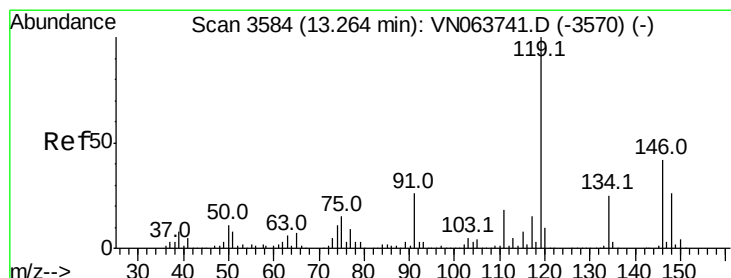
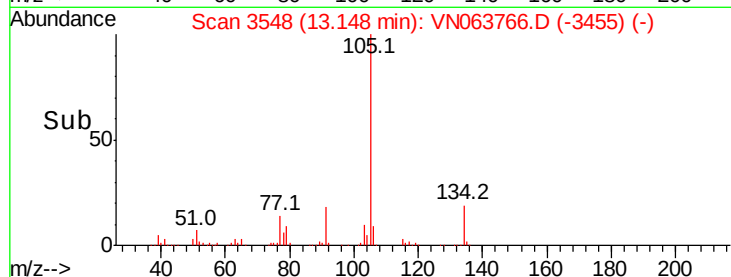
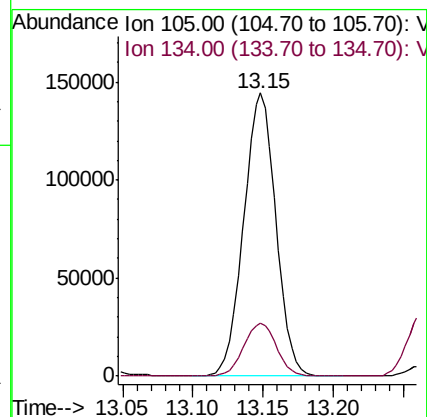
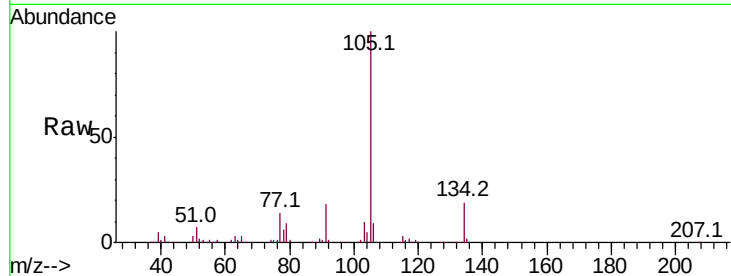
VN1001WBSD01

Tot Ion:105 Resp: 229591

Ion Ratio Lower Upper

105 100

134 19.1 9.5 28.5



#86

p-Isopropyltoluene

Concen: 19.818 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

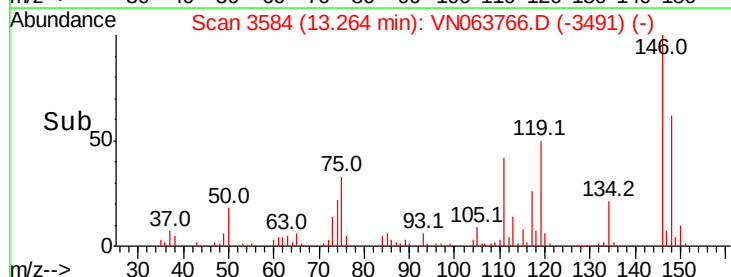
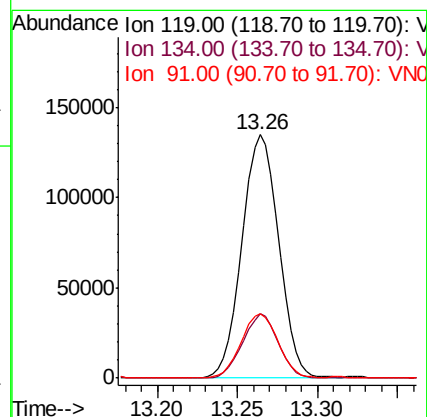
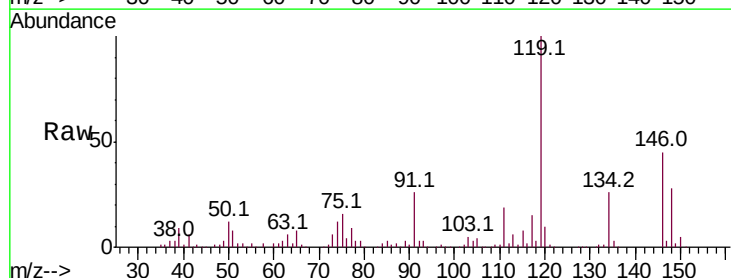
Tgt Ion:119 Resp: 211525

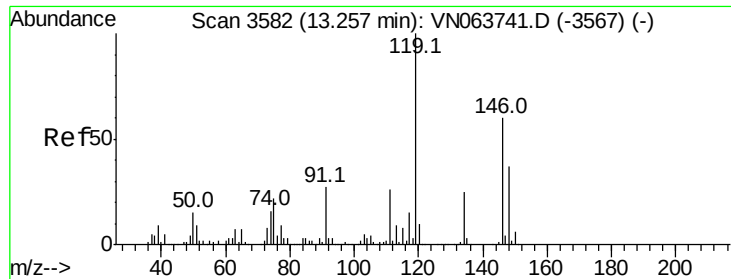
Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 26.6 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 19.502 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBSD01

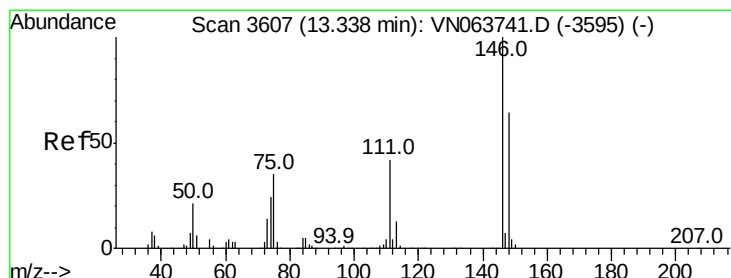
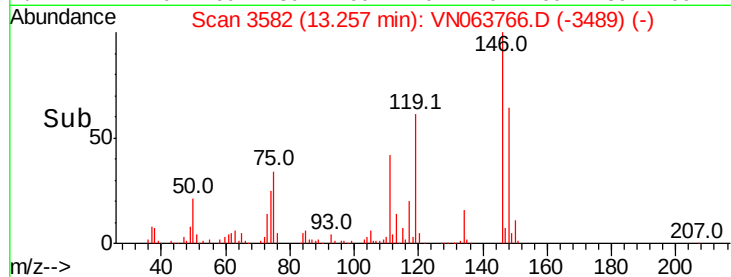
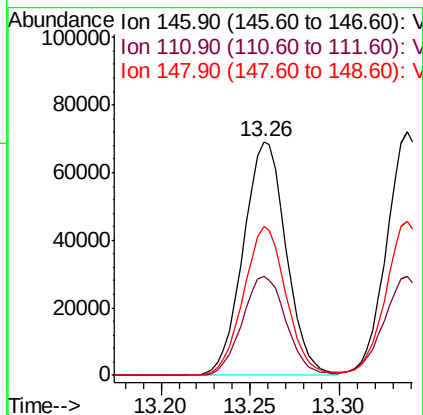
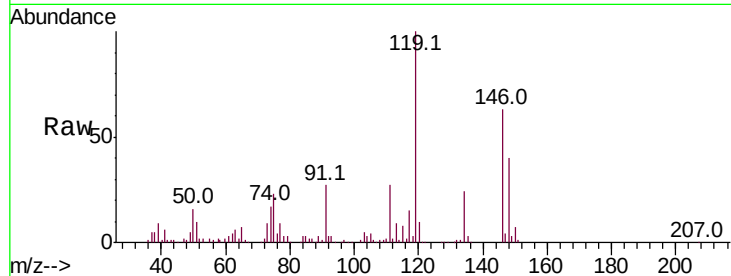
Tot Ion:146 Resp: 115883

Ion Ratio Lower Upper

146 100

111 43.5 21.5 64.5

148 63.1 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 18.897 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

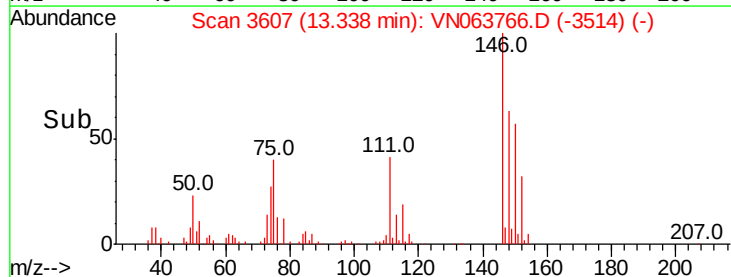
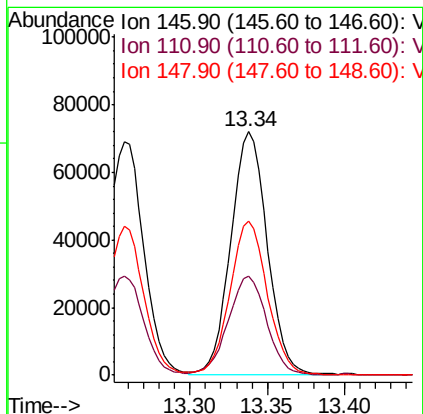
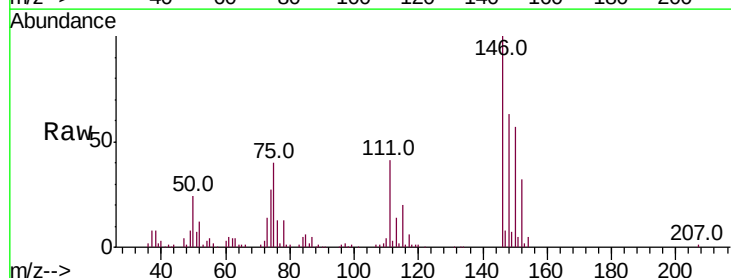
Tgt Ion:146 Resp: 116914

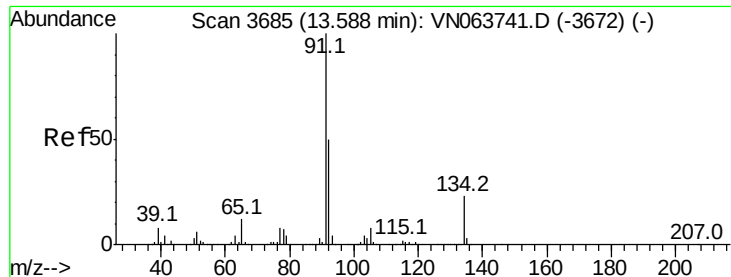
Ion Ratio Lower Upper

146 100

111 42.7 21.3 63.7

148 65.5 32.0 96.0

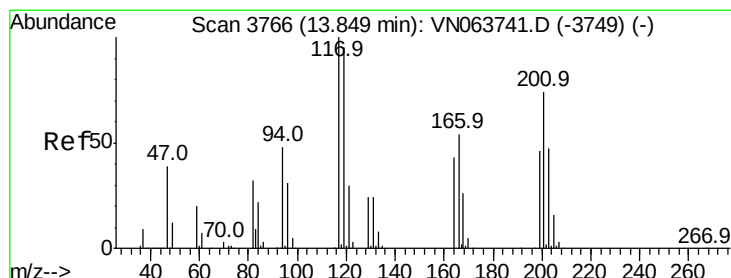
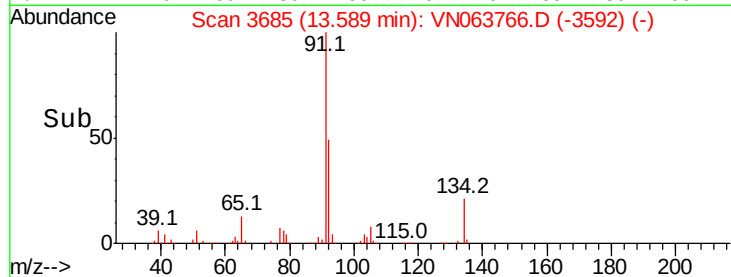
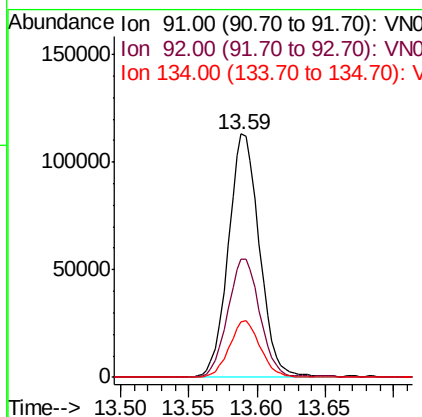
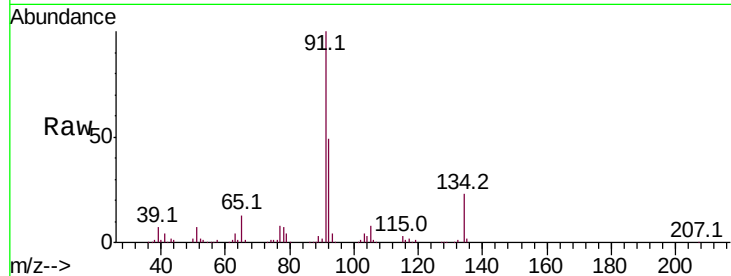




#89
n-Butylbenzene
Concen: 18.241 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

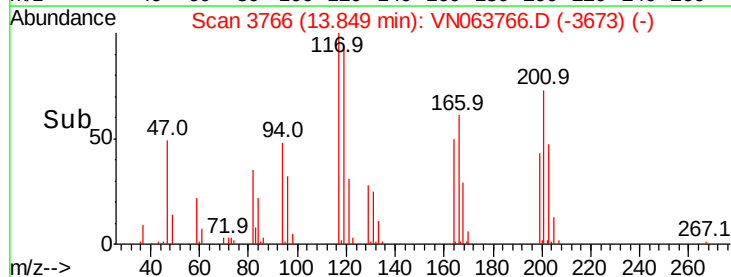
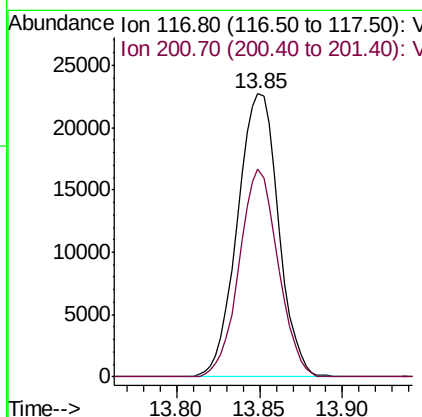
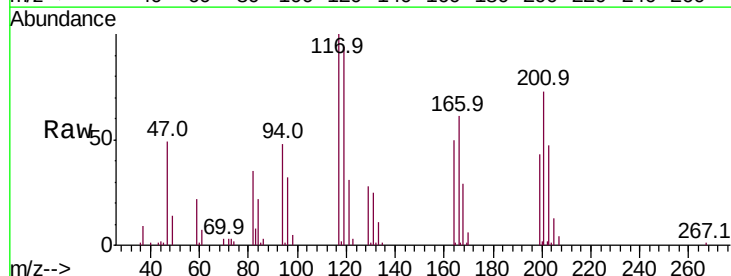
Instrument :
MSVOA_N
ClientSampleId :
VN1001WBSD01

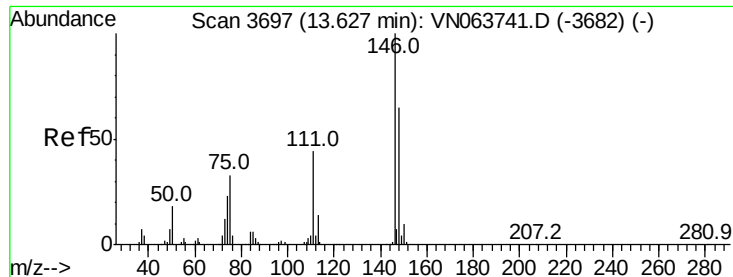
Tot Ion: 91 Resp: 179699
Ion Ratio Lower Upper
91 100
92 50.1 25.4 76.4
134 23.2 11.7 35.1



#90
Hexachloroethane
Concen: 18.905 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063766.D
Acq: 1 Oct 2020 12:58

Tgt Ion: 117 Resp: 39101
Ion Ratio Lower Upper
117 100
201 69.5 36.0 108.0

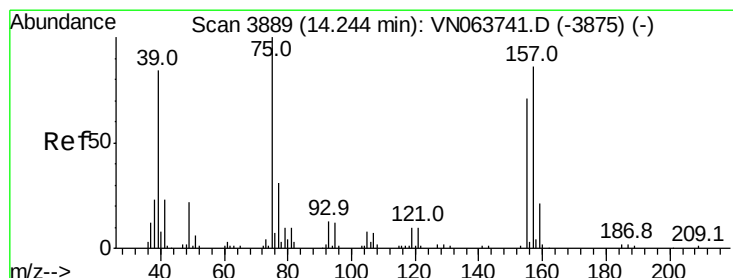
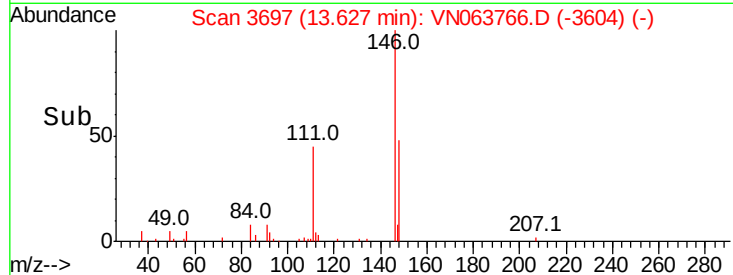
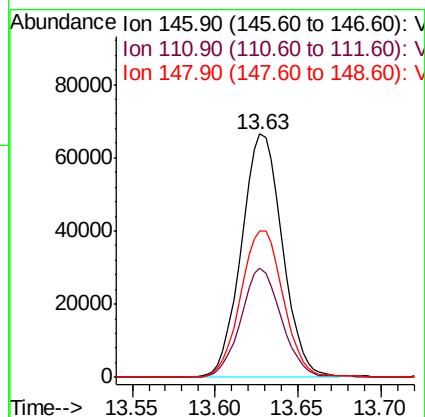
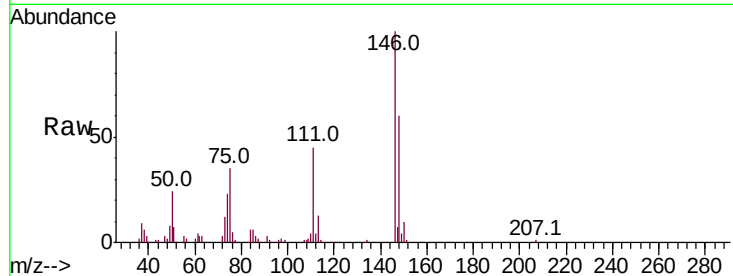




#91
 1,2-Dichlorobenzene
 Concen: 19.429 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

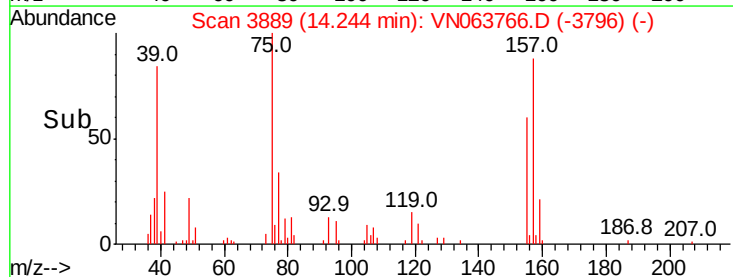
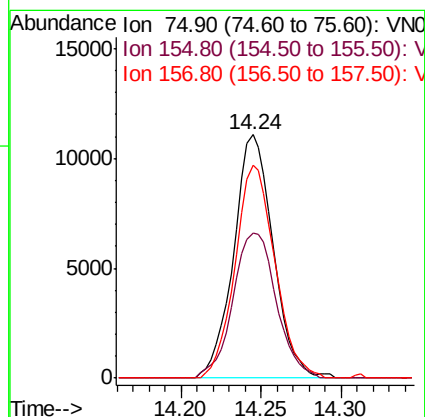
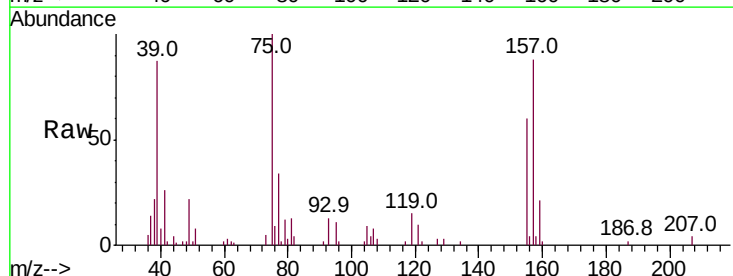
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

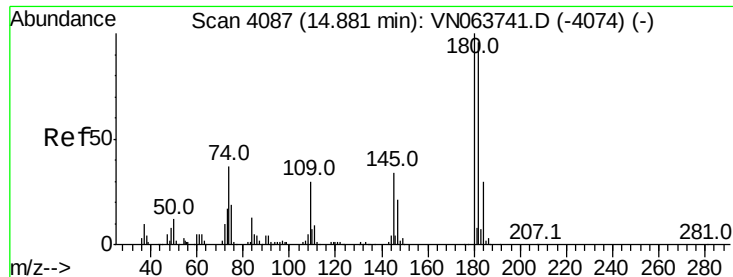
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.2	66.6
148	63.3	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.376 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	65.5	34.8	104.5
157	88.3	43.7	131.1

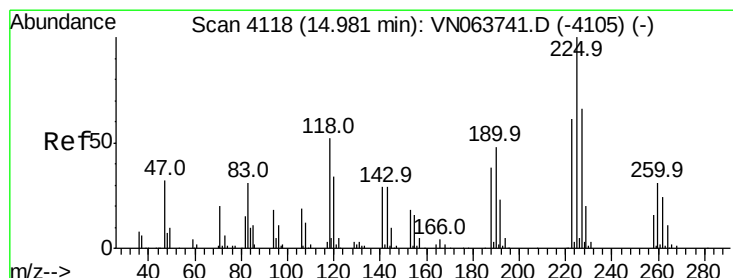
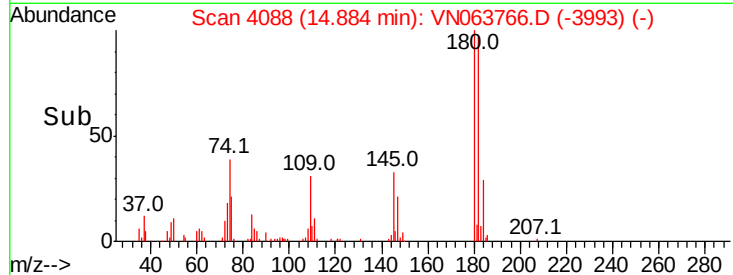
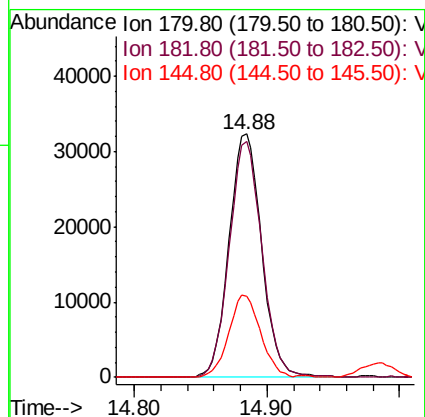
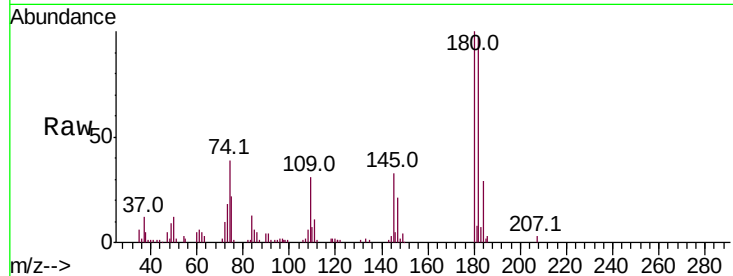




#93
 1,2,4-Trichlorobenzene
 Concen: 18.391 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

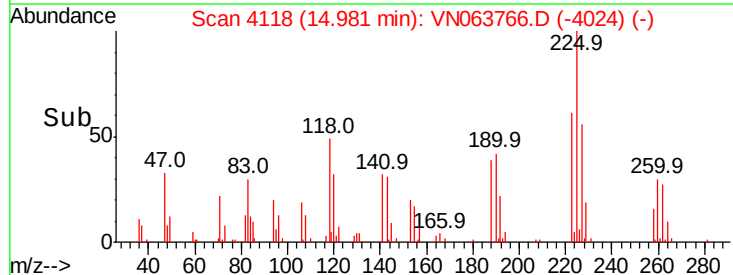
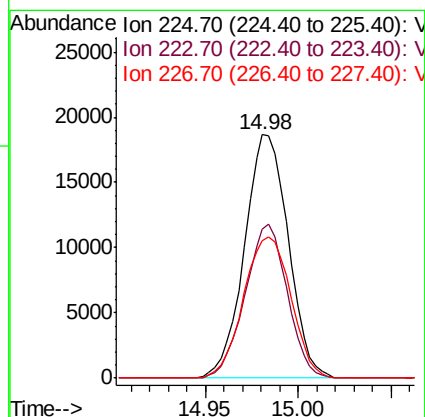
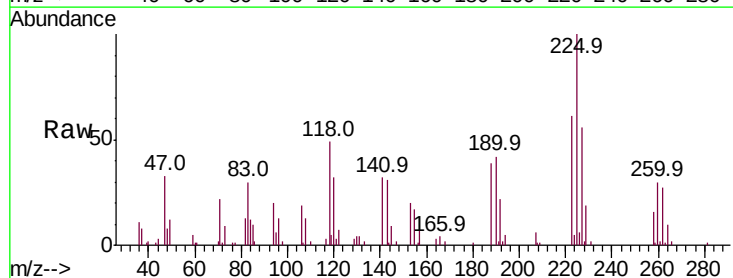
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD01

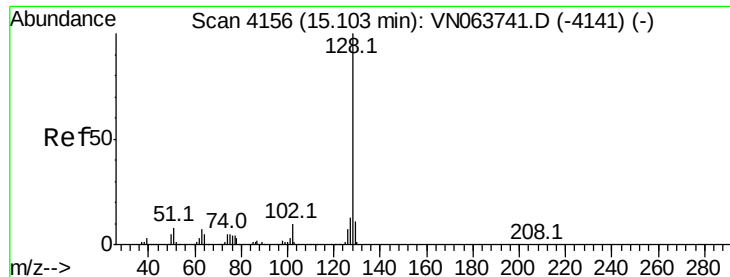
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.2	144.6
145	32.9	17.1	51.2



#94
 Hexachlorobutadiene
 Concen: 19.302 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN063766.D
 Acq: 1 Oct 2020 12:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	30.3	91.0
227	62.8	31.9	95.5





#95

Naphthalene

Concen: 19.391 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

Instrument :

MSVOA_N

ClientSampled :

VN1001WBSD01

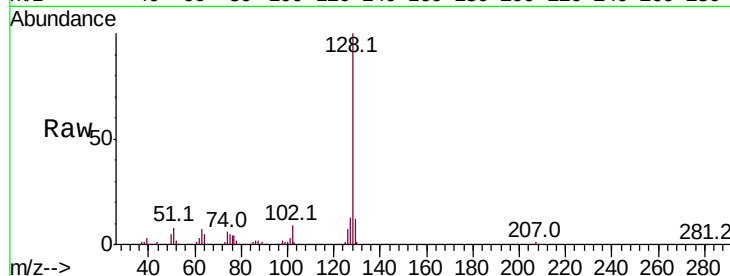
Tot Ion:128 Resp: 179884

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

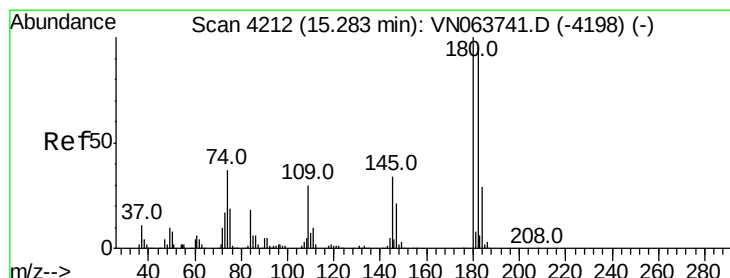
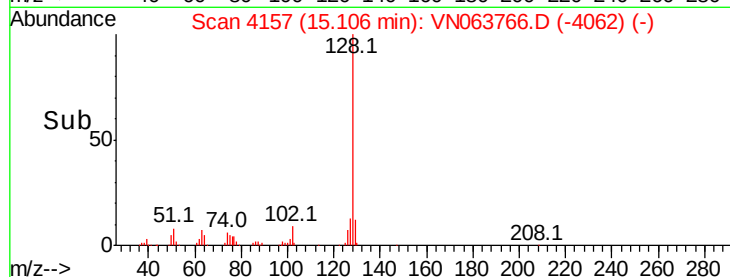
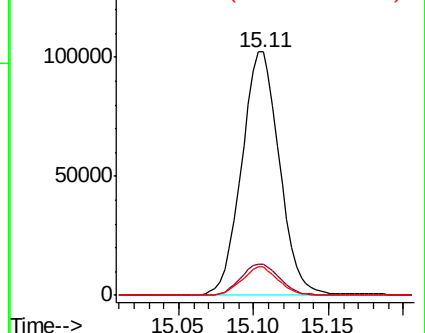
129 11.3 8.7 13.1



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: 18.535 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063766.D

Acq: 1 Oct 2020 12:58

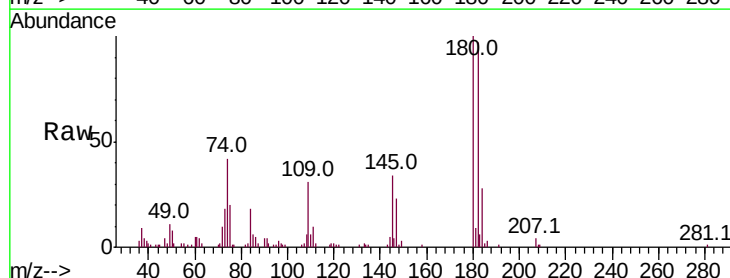
Tgt Ion:180 Resp: 54371

Ion Ratio Lower Upper

180 100

182 96.4 47.9 143.6

145 32.2 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

