

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063504.D
 Acq On : 21 Sep 2020 23:41
 Operator : JC/MD
 Sample : VN0921WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

Quant Time: Sep 22 04:58:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	275623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	490587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	454260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	205567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	227048	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
35) Dibromofluoromethane	7.55	113	158934	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
50) Toluene-d8	10.06	98	596194	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
62) 4-Bromofluorobenzene	12.38	95	222467	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	55752	17.855	ug/l	96
3) Chloromethane	2.04	50	72777	17.618	ug/l	98
4) Vinyl Chloride	2.16	62	67823	18.532	ug/l	98
5) Bromomethane	2.53	94	43960	20.230	ug/l	99
6) Chloroethane	2.67	64	40624	18.083	ug/l	93
7) Trichlorofluoromethane	2.98	101	107466	19.681	ug/l	98
8) Diethyl Ether	3.37	74	40992	19.258	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56697	18.463	ug/l	98
10) Methyl Iodide	3.91	142	71948	17.996	ug/l	99
11) Tert butyl alcohol	4.73	59	65995	101.533	ug/l	96
12) 1,1-Dichloroethene	3.70	96	58235	18.723	ug/l	96
13) Acrolein	3.57	56	28965	120.249	ug/l	96
14) Allyl chloride	4.28	41	107273	17.436	ug/l	99
15) Acrylonitrile	4.93	53	164398	99.434	ug/l	99
16) Acetone	3.78	43	148464	98.459	ug/l	99
17) Carbon Disulfide	4.01	76	156101	17.254	ug/l	100
18) Methyl Acetate	4.28	43	78649	20.546	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	218506	18.849	ug/l	97
20) Methylene Chloride	4.50	84	70107	18.351	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	62795	18.222	ug/l	93
22) Diisopropyl ether	5.90	45	229336	18.277	ug/l	96
23) Vinyl Acetate	5.84	43	965061	93.650	ug/l	100
24) 1,1-Dichloroethane	5.80	63	128212	18.716	ug/l	98
25) 2-Butanone	6.78	43	229881	99.126	ug/l	97
26) 2,2-Dichloropropane	6.78	77	93825	15.556	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	74134	19.006	ug/l	97
28) Bromochloromethane	7.15	49	58176	18.392	ug/l	98
29) Tetrahydrofuran	7.17	42	158548	100.101	ug/l	99
30) Chloroform	7.33	83	130989	19.059	ug/l	97
31) Cyclohexane	7.61	56	110907	17.115	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	114305	18.699	ug/l	99
36) 1,1-Dichloropropene	7.75	75	92568	17.711	ug/l	99
37) Ethyl Acetate	6.88	43	99457	19.389	ug/l	99
38) Carbon Tetrachloride	7.73	117	96136	18.019	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063504.D
 Acq On : 21 Sep 2020 23:41
 Operator : JC/MD
 Sample : VN0921WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

Quant Time: Sep 22 04:58:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	94154	16.598	ug/l	99
40) Benzene	8.00	78	268951	18.027	ug/l	98
41) Methacrylonitrile	7.13	41	45772	19.840	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	113112	18.852	ug/l	99
43) Isopropyl Acetate	8.13	43	169087	18.435	ug/l	99
44) Trichloroethene	8.80	130	67117	18.547	ug/l	99
45) 1,2-Dichloropropane	9.08	63	75579	18.599	ug/l	99
46) Dibromomethane	9.18	93	52143	19.524	ug/l	97
47) Bromodichloromethane	9.37	83	104972	18.919	ug/l	97
48) Methyl methacrylate	9.17	41	83356	18.497	ug/l	98
49) 1,4-Dioxane	9.17	88	26952	416.766	ug/l	91
51) 4-Methyl-2-Pentanone	9.95	43	511330	99.579	ug/l	99
52) Toluene	10.13	92	170199	18.974	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	109528	17.682	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	113955	17.441	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	68176	19.134	ug/l	98
56) Ethyl methacrylate	10.40	69	104397	18.769	ug/l	98
57) 1,3-Dichloropropane	10.68	76	119121	18.539	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	249396	85.472	ug/l	97
59) 2-Hexanone	10.72	43	373306	100.348	ug/l	100
60) Dibromochloromethane	10.87	129	73554	18.273	ug/l	99
61) 1,2-Dibromoethane	10.98	107	70907	19.155	ug/l	98
64) Tetrachloroethene	10.60	164	61957	20.030	ug/l	97
65) Chlorobenzene	11.41	112	177299	18.387	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	65103	18.419	ug/l	99
67) Ethyl Benzene	11.49	91	329754	18.159	ug/l	99
68) m/p-Xylenes	11.59	106	237025	36.202	ug/l	99
69) o-Xylene	11.92	106	115796	18.566	ug/l	98
70) Styrene	11.94	104	192901	18.443	ug/l	99
71) Bromoform	12.10	173	47711	18.119	ug/l #	95
73) Isopropylbenzene	12.23	105	308510	18.728	ug/l	100
74) N-amyl acetate	12.04	43	142772	18.309	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	98859	19.382	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	135830	26.696	ug/l #	100
77) Bromobenzene	12.50	156	71969	19.422	ug/l	99
78) n-propylbenzene	12.57	91	355847	18.547	ug/l	100
79) 2-Chlorotoluene	12.65	91	218426	18.991	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	252856	18.408	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	31546	16.998	ug/l	98
82) 4-Chlorotoluene	12.75	91	227697	18.737	ug/l	99
83) tert-Butylbenzene	12.97	119	209822	18.507	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	259738	18.720	ug/l	99
85) sec-Butylbenzene	13.15	105	273530	18.024	ug/l	100
86) p-Isopropyltoluene	13.26	119	243393	18.184	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	129364	18.836	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	129410	18.533	ug/l	99
89) n-Butylbenzene	13.59	91	213652	17.317	ug/l	99
90) Hexachloroethane	13.85	117	42209	16.561	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	128397	19.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22692	18.683	ug/l	98

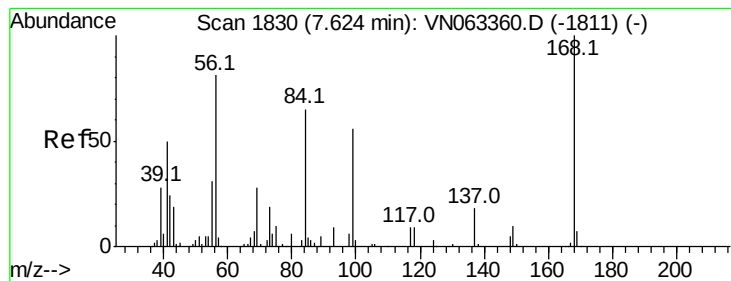
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
Data File : VN063504.D
Acq On : 21 Sep 2020 23:41
Operator : JC/MD
Sample : VN0921WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Quant Time: Sep 22 04:58:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	68983	17.354	ug/l	98
94) Hexachlorobutadiene	14.98	225	31590	19.196	ug/l	99
95) Naphthalene	15.10	128	244850	18.644	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	69503	18.096	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

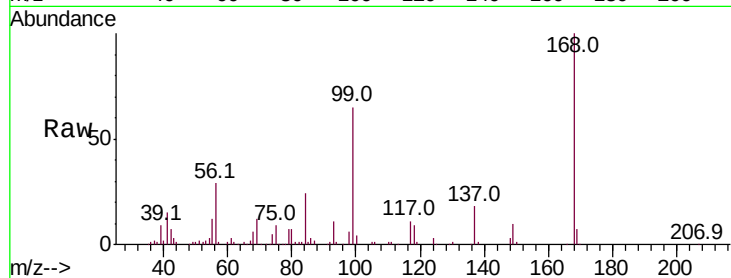
VN0921WBS02

Tot Ion:168 Resp: 275623

Ion Ratio Lower Upper

168 100

99 64.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

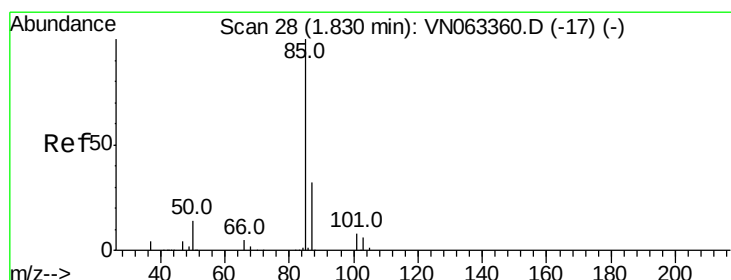
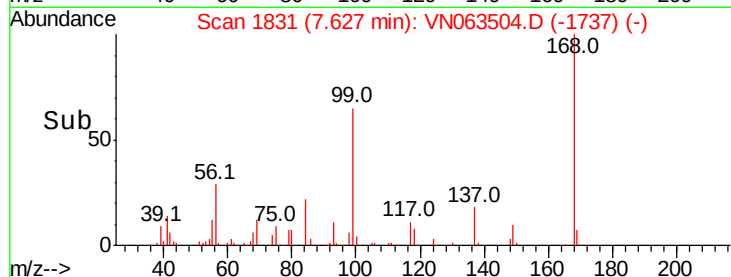
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.855 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063504.D

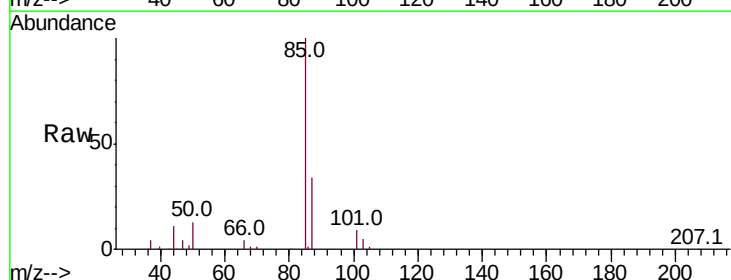
Acq: 21 Sep 2020 23:41

Tgt Ion: 85 Resp: 55752

Ion Ratio Lower Upper

85 100

87 34.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

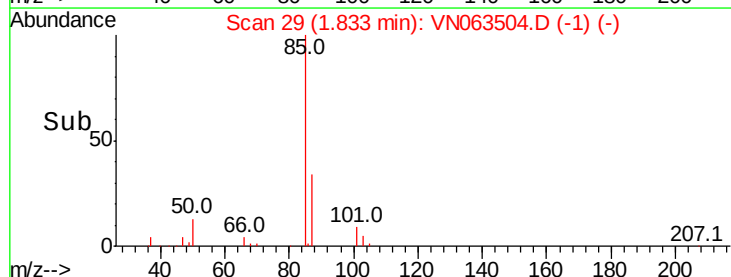
30000

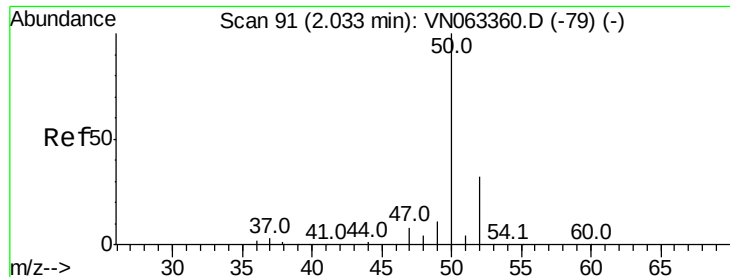
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.618 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

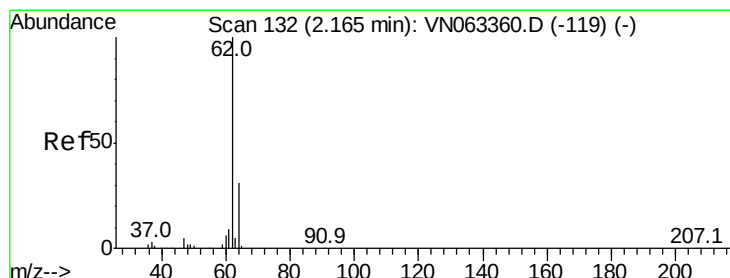
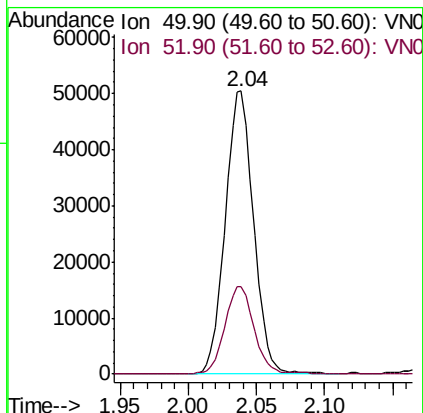
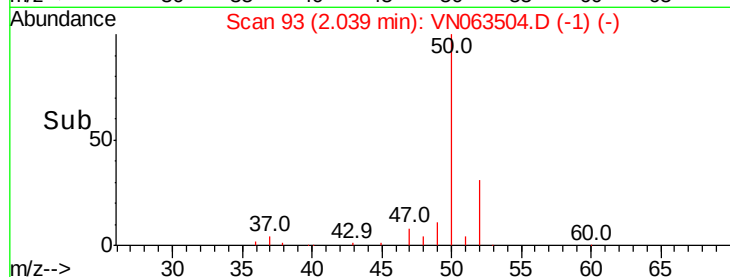
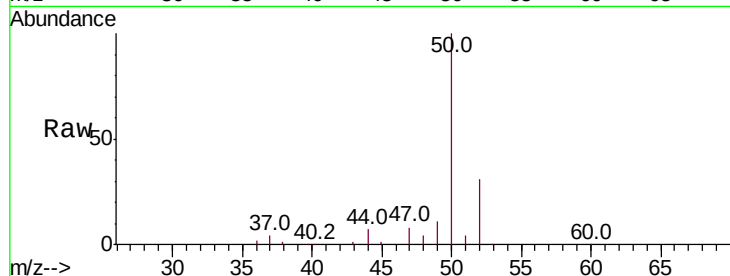
VN0921WBS02

Tot Ion: 50 Resp: 72777

Ion Ratio Lower Upper

50 100

52 31.1 25.9 38.9



#4

Vinyl Chloride

Concen: 18.532 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063504.D

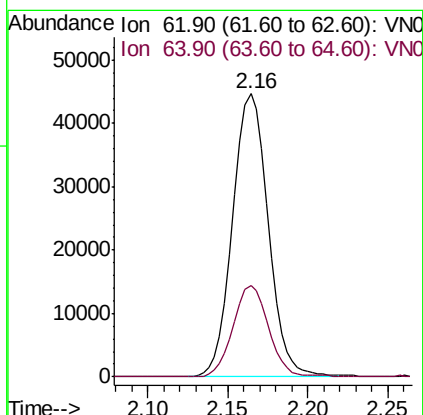
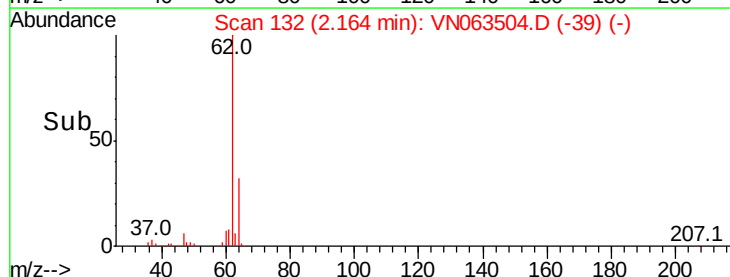
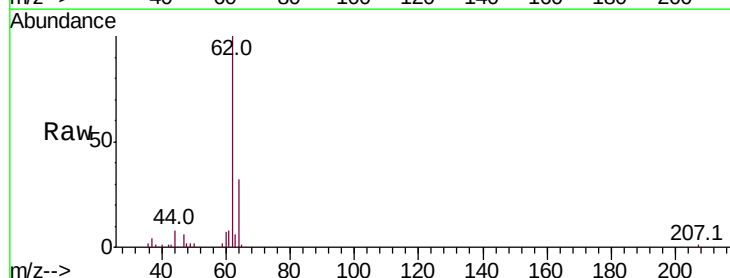
Acq: 21 Sep 2020 23:41

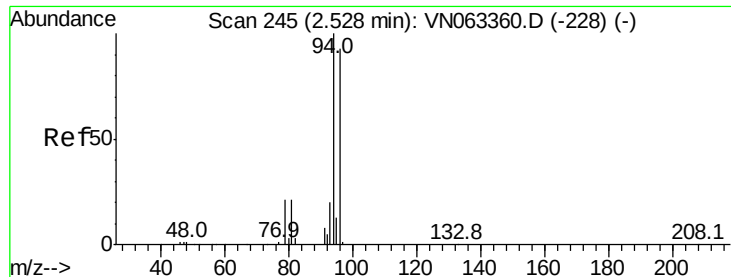
Tgt Ion: 62 Resp: 67823

Ion Ratio Lower Upper

62 100

64 32.4 25.1 37.7





#5

Bromomethane

Concen: 20.230 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

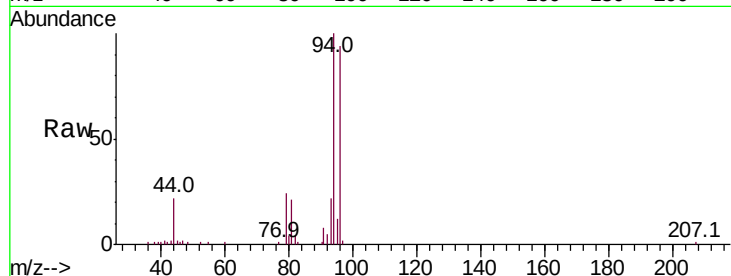
VN0921WBS02

Tot Ion: 94 Resp: 43960

Ion Ratio Lower Upper

94 100

96 94.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

25000

20000

15000

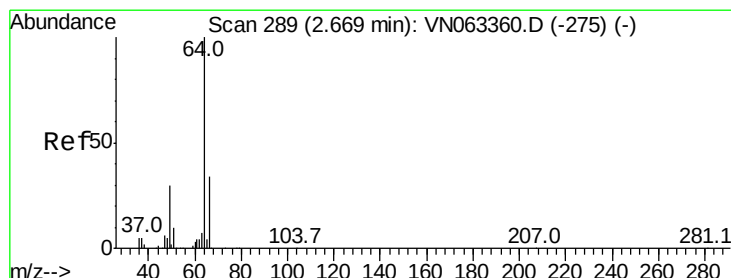
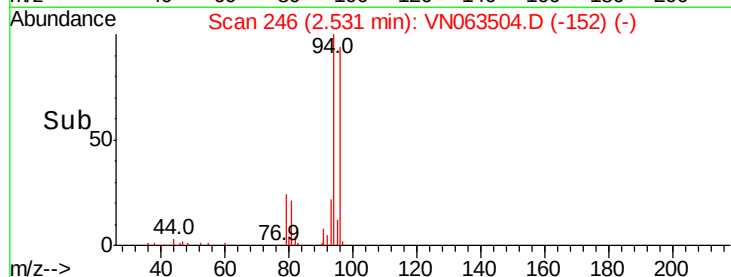
10000

5000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 18.083 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063504.D

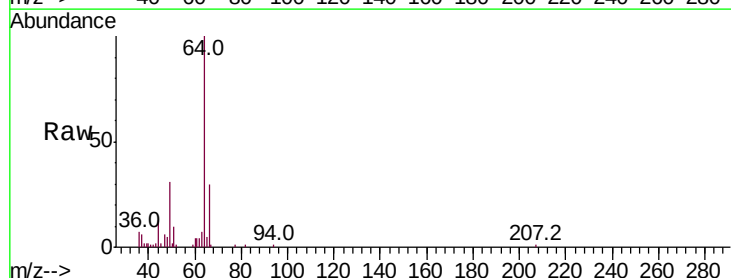
Acq: 21 Sep 2020 23:41

Tgt Ion: 64 Resp: 40624

Ion Ratio Lower Upper

64 100

66 29.6 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

20000

15000

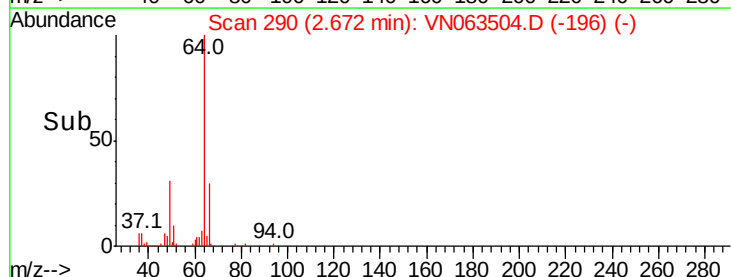
10000

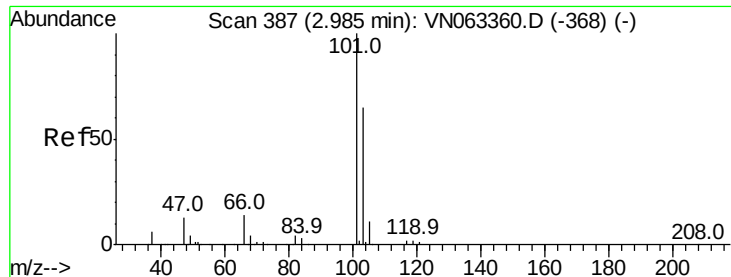
5000

0

Time-->

2.60 2.65 2.70 2.75



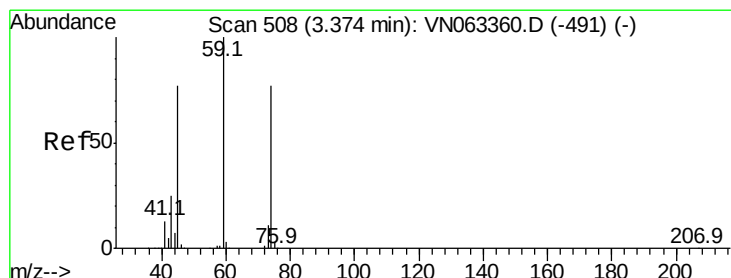
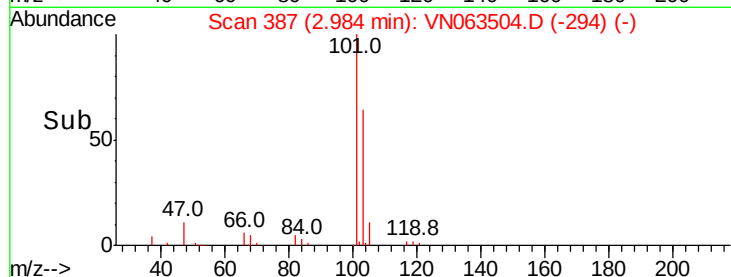
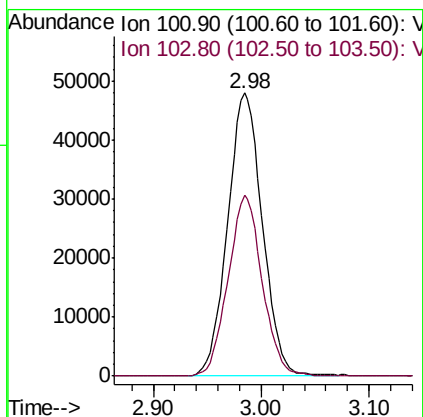
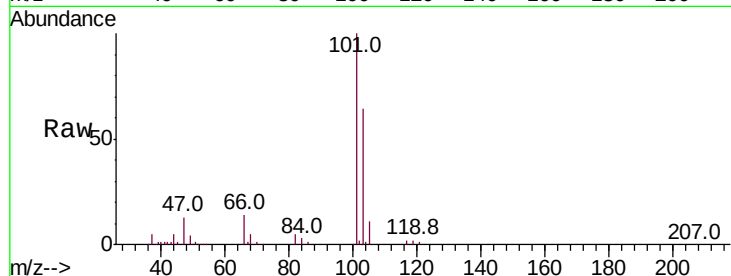


#7

Trichlorofluoromethane
 Concen: 19.681 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

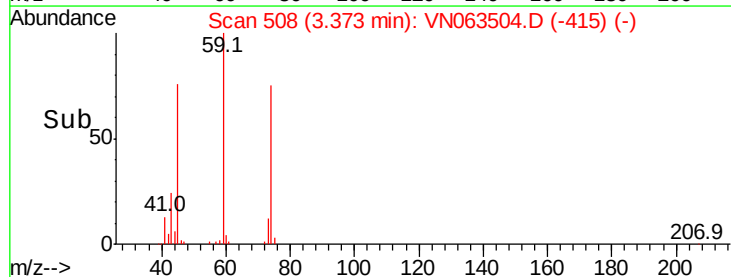
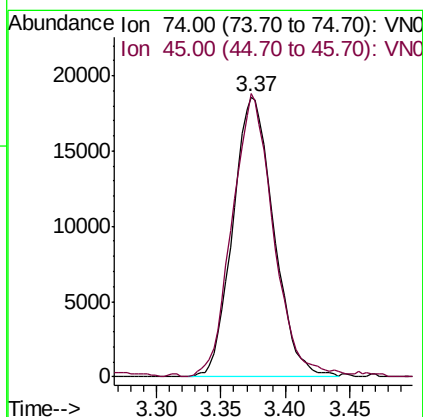
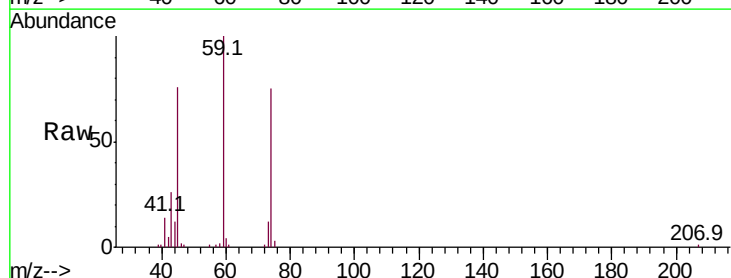
Tot Ion:101 Resp: 107466
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.3 78.5

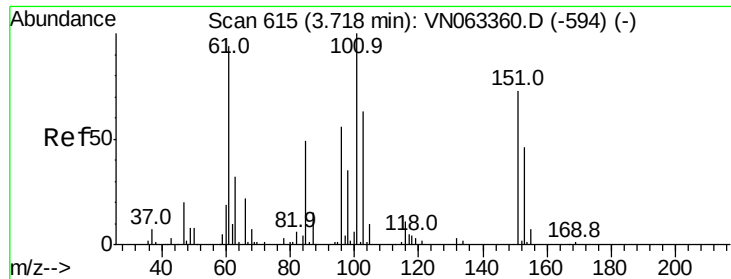


#8

Diethyl Ether
 Concen: 19.258 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Tgt Ion: 74 Resp: 40992
 Ion Ratio Lower Upper
 74 100
 45 102.2 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.463 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

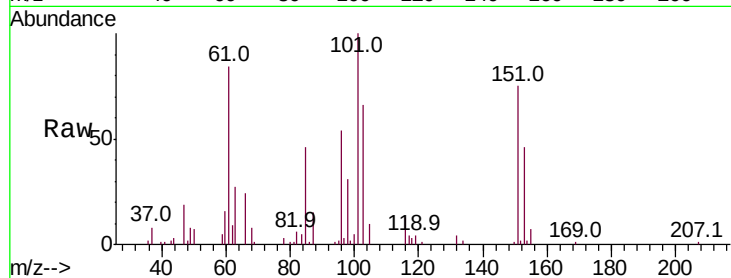
Tot Ion:101 Resp: 56697

Ion Ratio Lower Upper

101 100

85 48.5 37.7 56.5

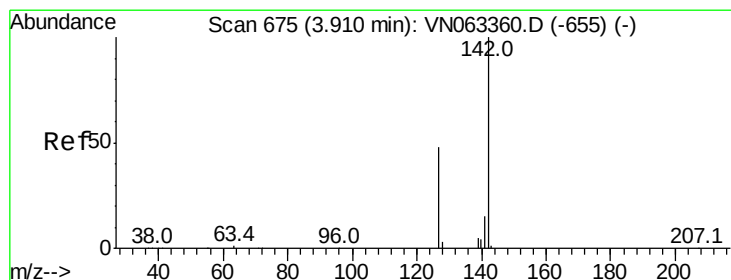
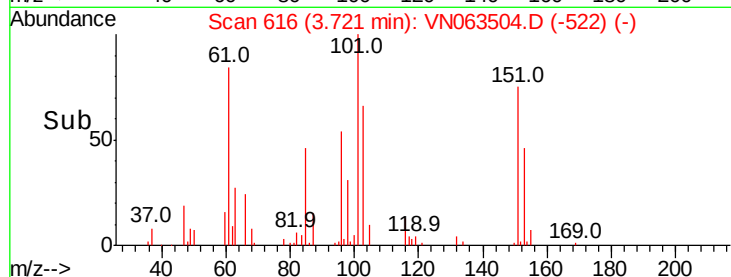
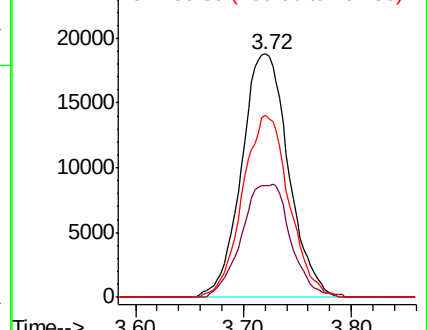
151 74.2 57.7 86.5



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: 17.996 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

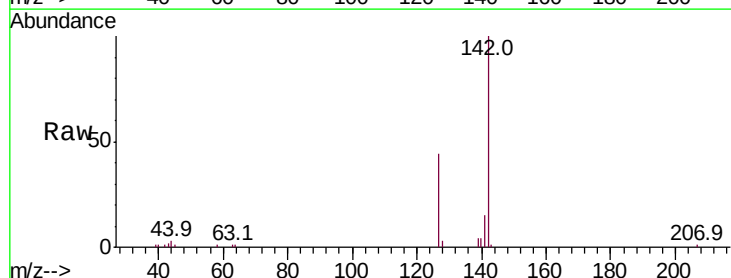
Tgt Ion:142 Resp: 71948

Ion Ratio Lower Upper

142 100

127 48.2 39.0 58.6

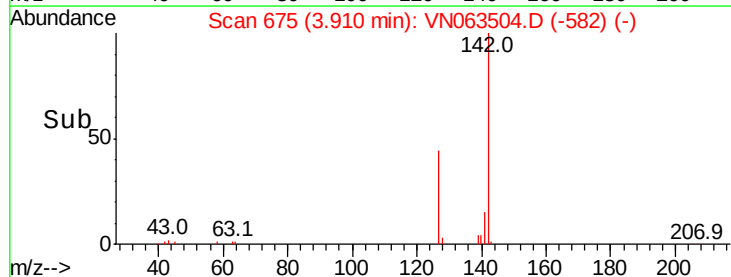
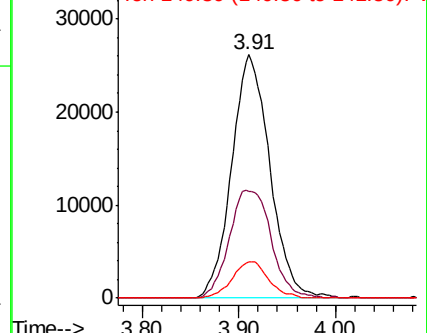
141 14.2 11.6 17.4

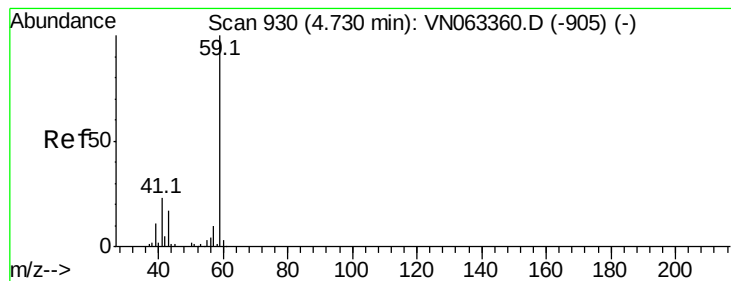


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



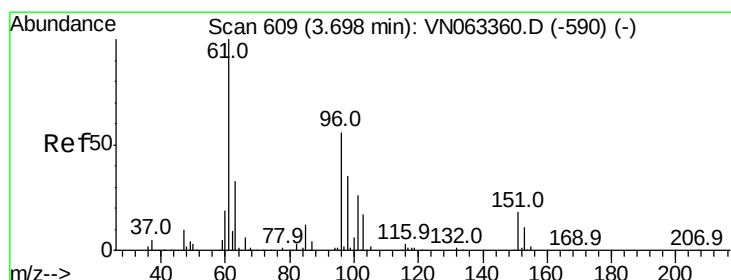
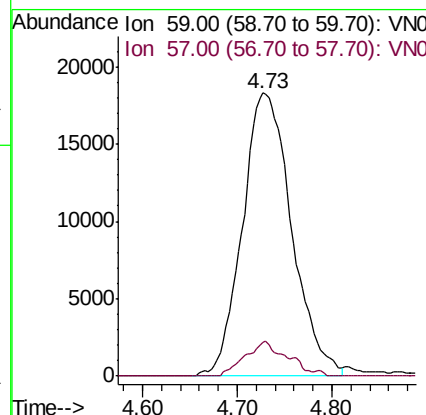
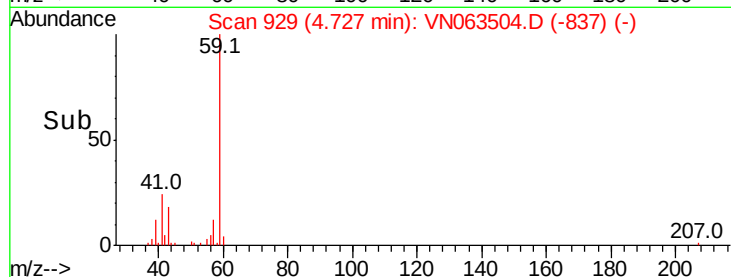
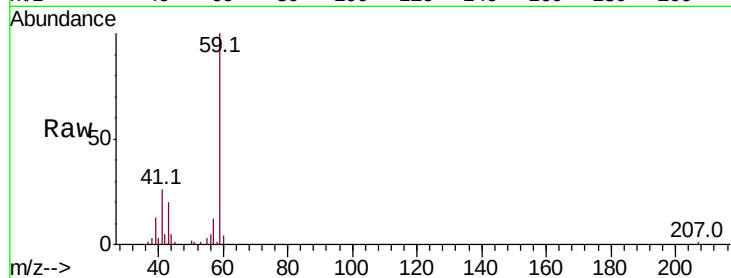


#11

Tert butyl alcohol
 Concen: 101.533 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

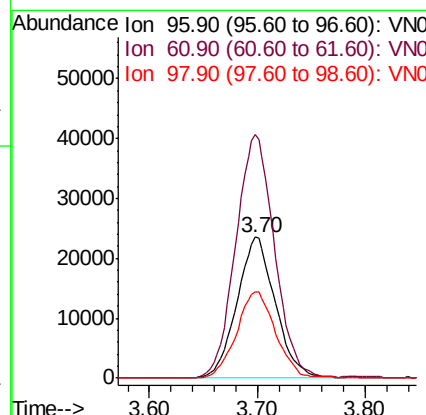
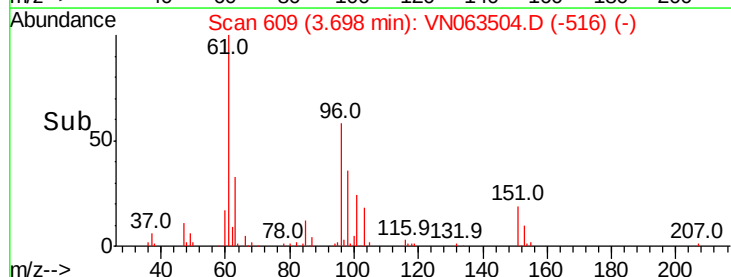
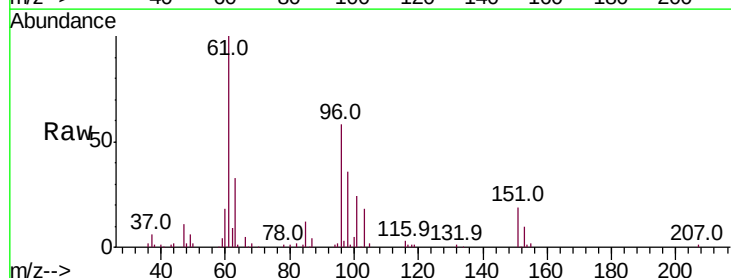
Tot Ion: 59 Resp: 65995
 Ion Ratio Lower Upper
 59 100
 57 8.8 8.4 12.6

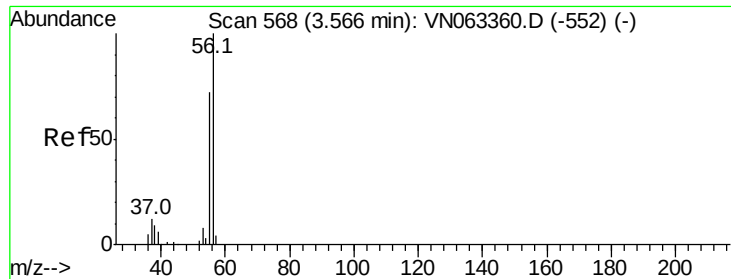


#12

1,1-Dichloroethene
 Concen: 18.723 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Tgt Ion: 96 Resp: 58235
 Ion Ratio Lower Upper
 96 100
 61 173.2 143.4 215.2
 98 61.5 50.6 76.0

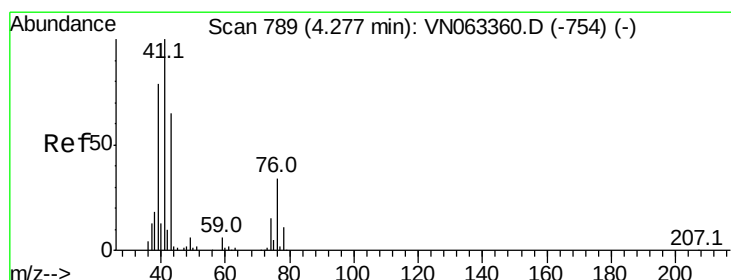
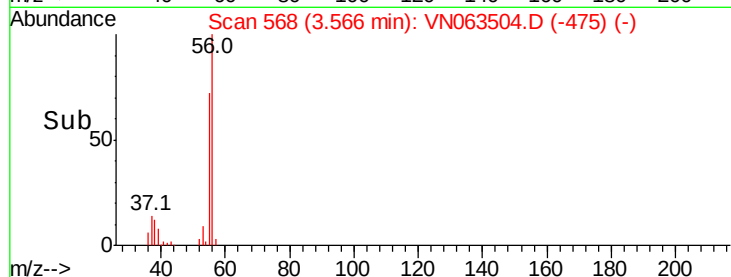
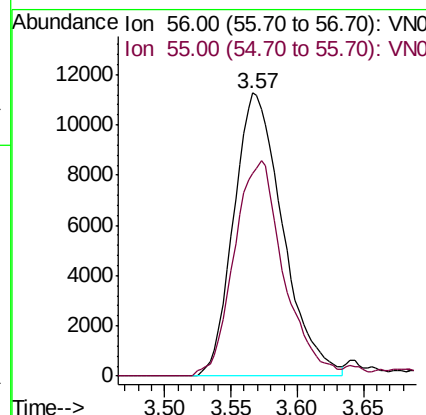
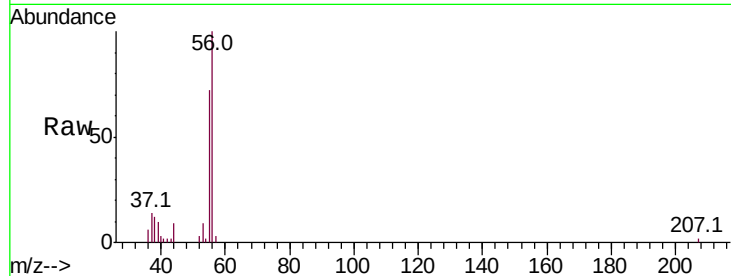




#13
Acrolein
Concen: 120.249 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

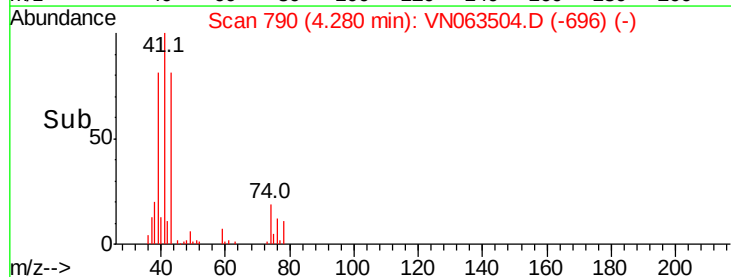
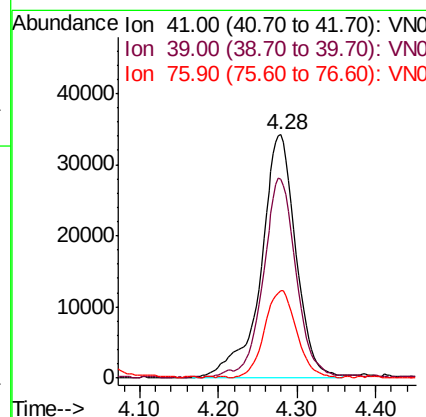
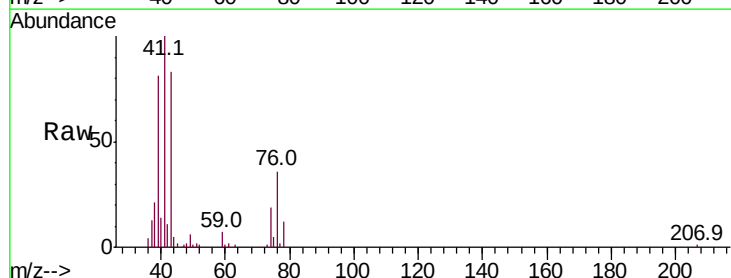
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

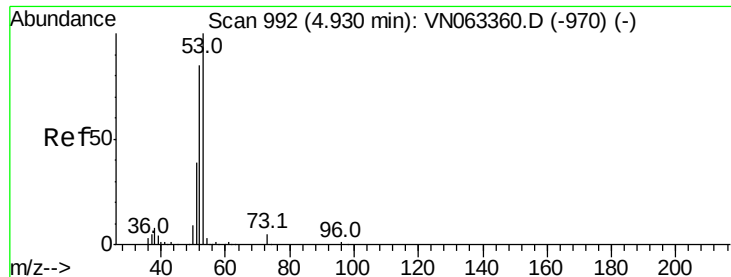
Tot Ion: 56 Resp: 28965
Ion Ratio Lower Upper
56 100
55 76.4 58.2 87.2



#14
Allyl chloride
Concen: 17.436 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion: 41 Resp: 107273
Ion Ratio Lower Upper
41 100
39 74.8 59.3 88.9
76 33.2 25.3 37.9





#15

Acrylonitrile

Concen: 99.434 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

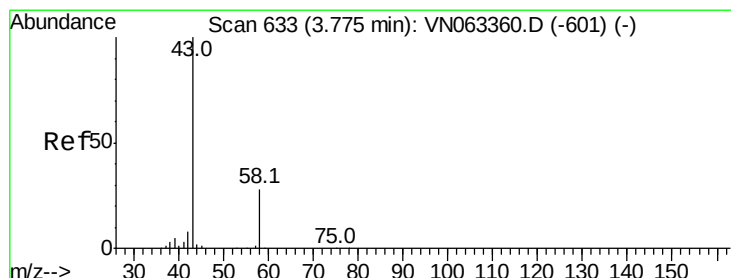
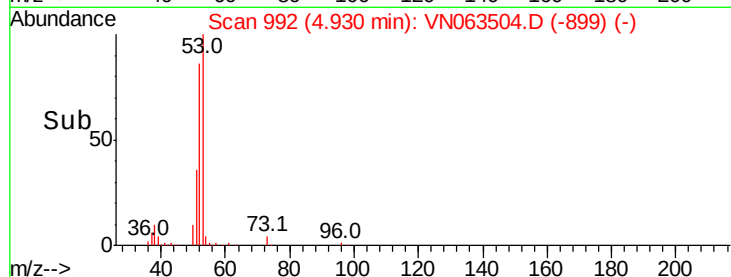
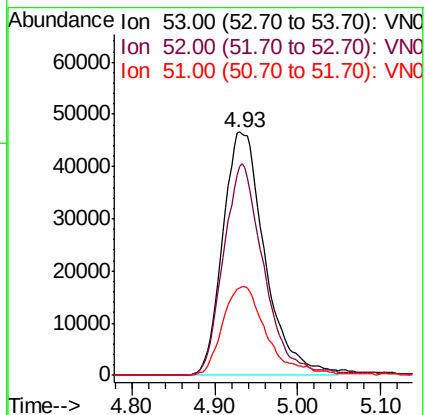
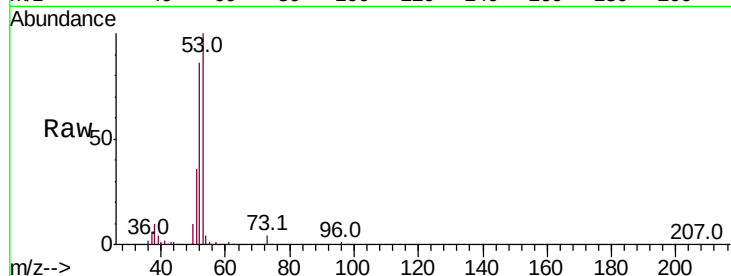
Tot Ion: 53 Resp: 164398

Ion Ratio Lower Upper

53 100

52 82.4 66.4 99.6

51 37.5 30.2 45.4



#16

Acetone

Concen: 98.459 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063504.D

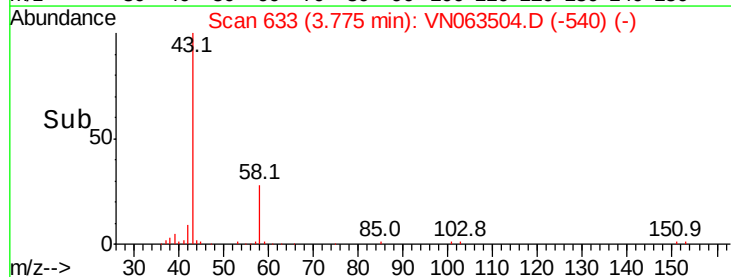
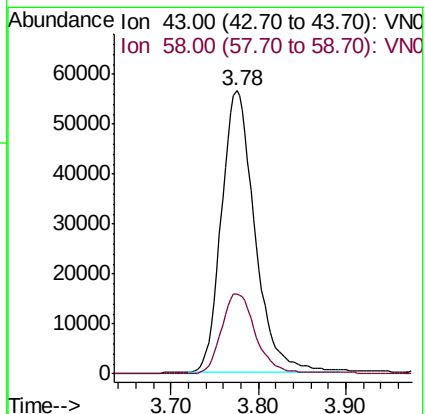
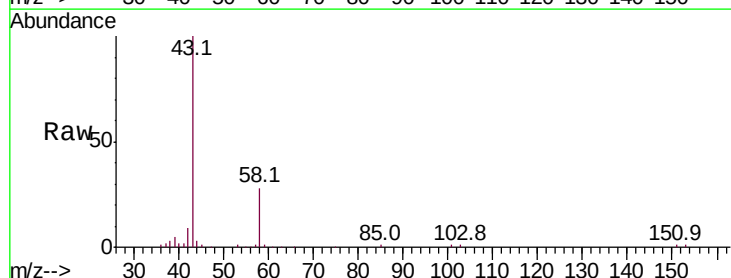
Acq: 21 Sep 2020 23:41

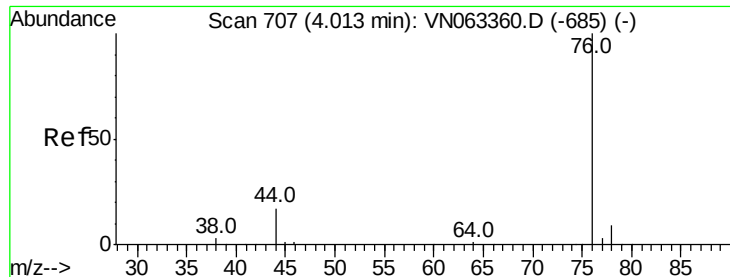
Tgt Ion: 43 Resp: 148464

Ion Ratio Lower Upper

43 100

58 28.5 22.3 33.5

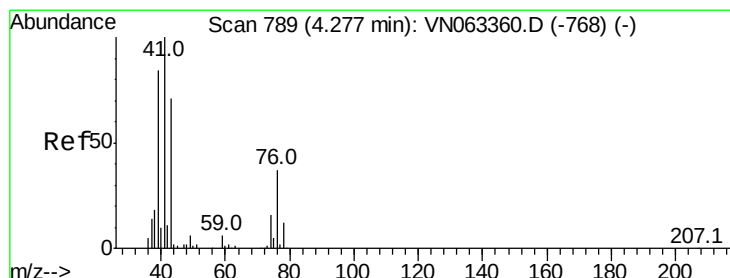
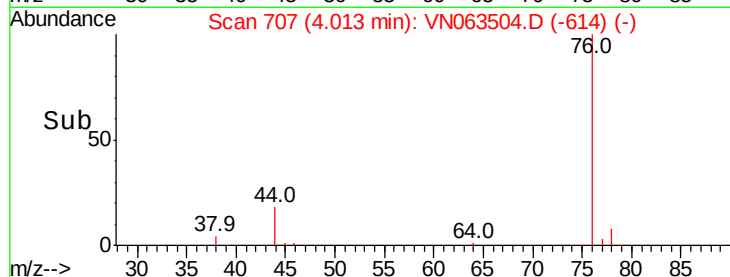
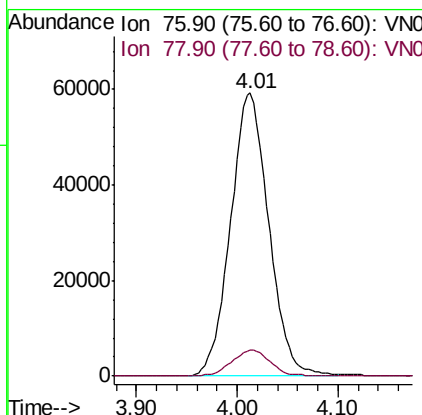
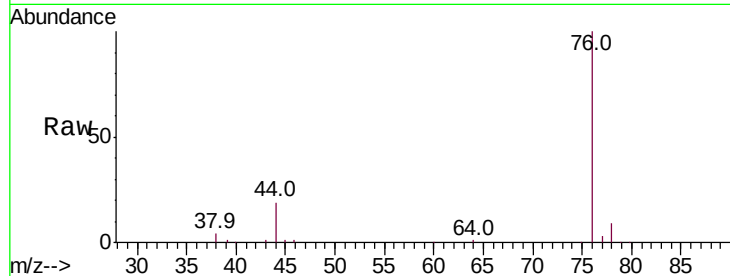




#17
Carbon Disulfide
Concen: 17.254 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

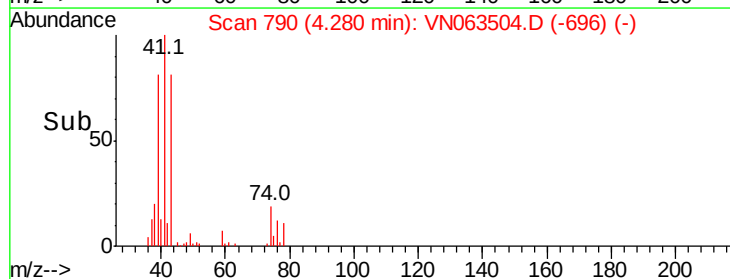
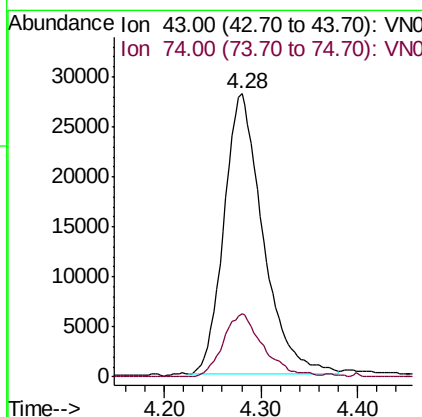
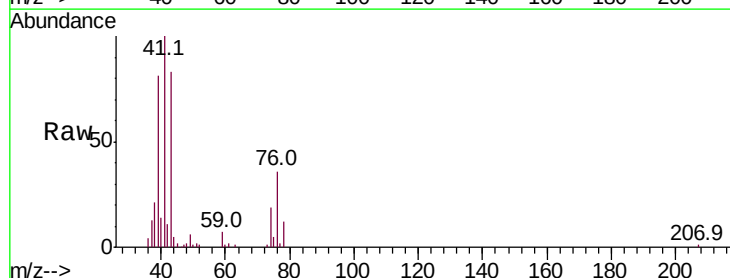
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

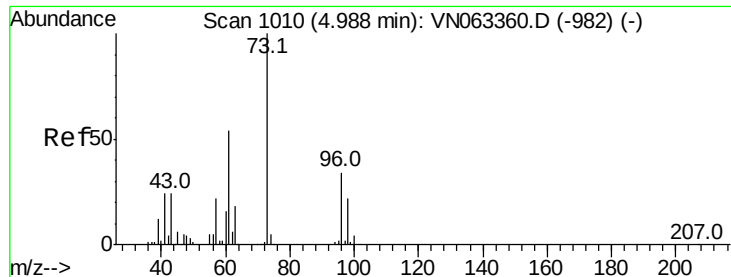
Tot Ion: 76 Resp: 156101
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 20.546 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion: 43 Resp: 78649
Ion Ratio Lower Upper
43 100
74 22.8 17.4 26.2





#19

Methvl tert-butvl Ether

Concen: 18.849 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

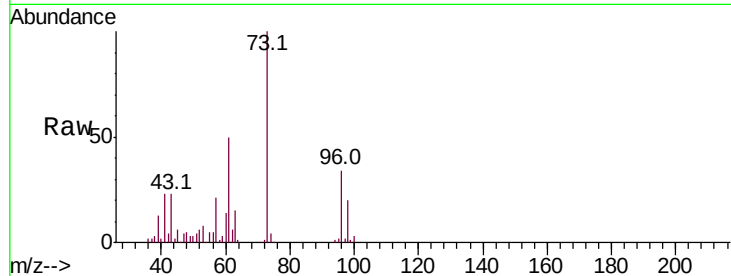
VN0921WBS02

Tot Ion: 73 Resp: 218506

Ion Ratio Lower Upper

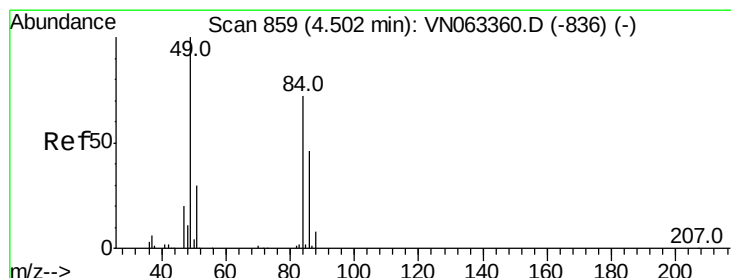
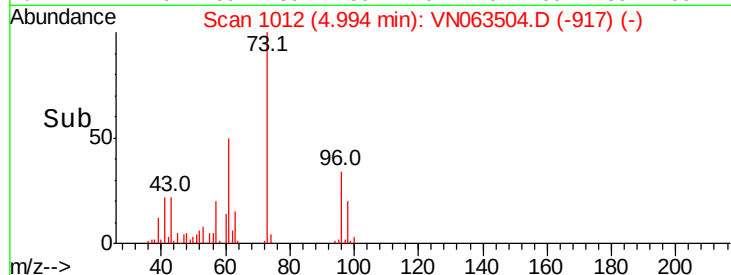
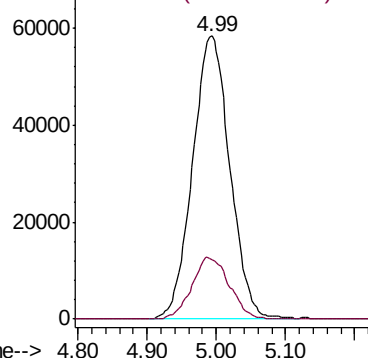
73 100

57 20.8 17.9 26.9



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#20

Methylene Chloride

Concen: 18.351 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Tgt Ion: 84 Resp: 70107

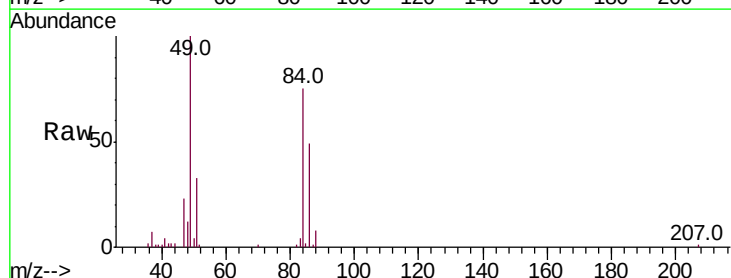
Ion Ratio Lower Upper

84 100

49 133.1 110.7 166.1

51 43.5 32.9 49.3

86 65.4 51.1 76.7

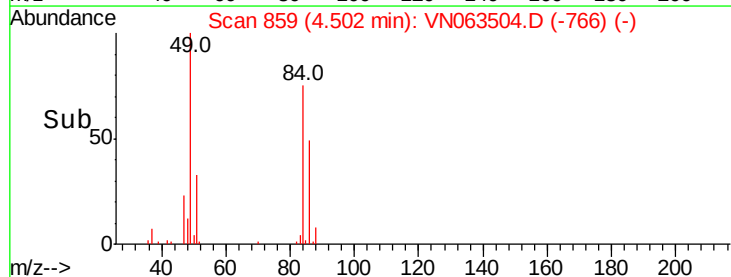
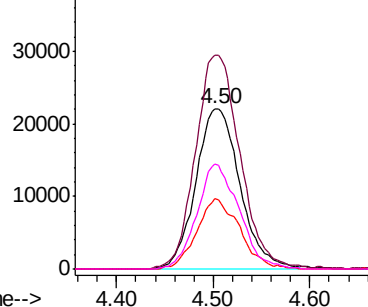


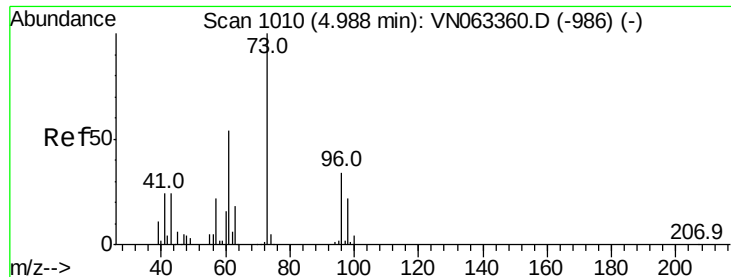
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 18.222 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

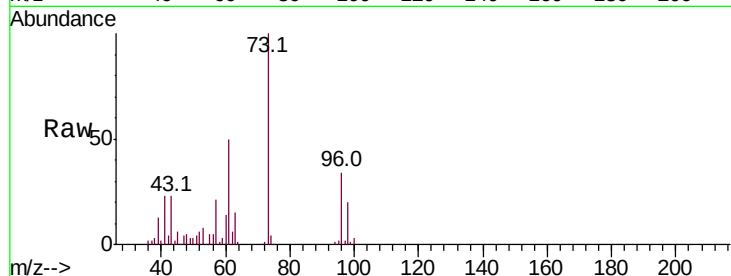
Tot Ion: 96 Resp: 62795

Ion Ratio Lower Upper

96 100

61 147.4 126.2 189.4

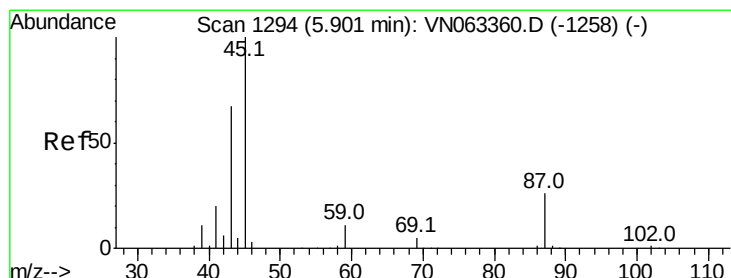
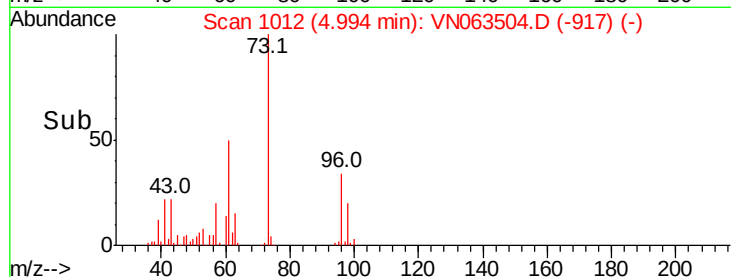
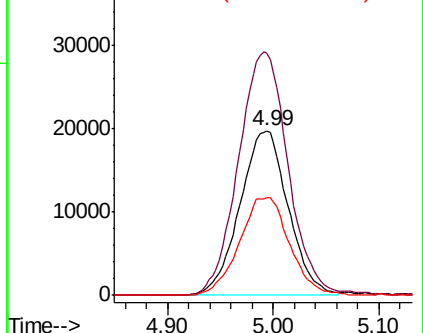
98 59.5 51.0 76.4



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



#22

Diisopropyl ether

Concen: 18.277 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Tgt Ion: 45 Resp: 229336

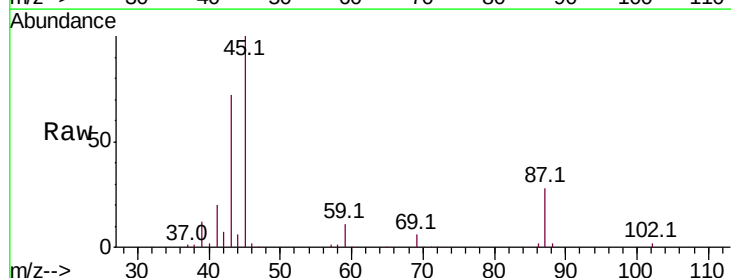
Ion Ratio Lower Upper

45 100

43 71.1 53.5 80.3

87 28.3 21.2 31.8

59 10.9 8.8 13.2

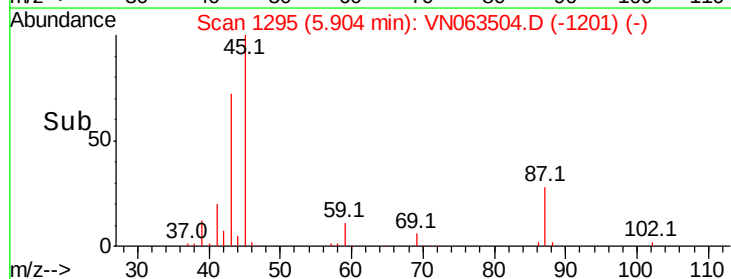
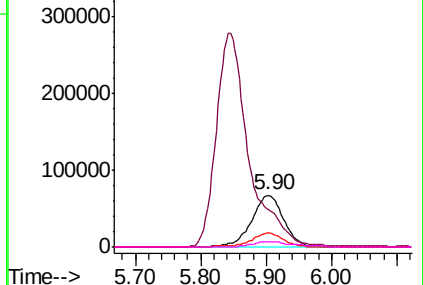


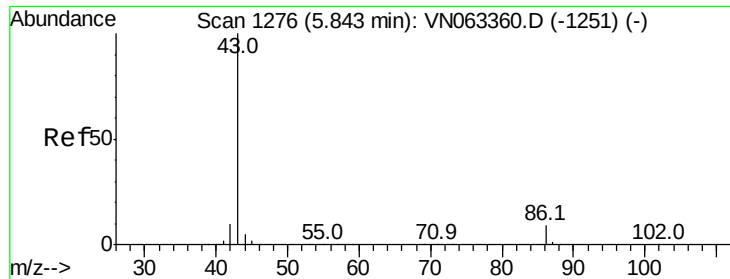
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

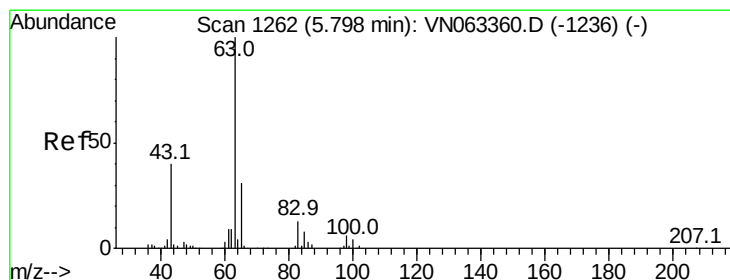
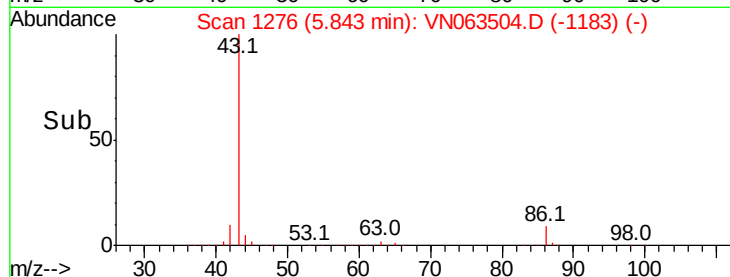
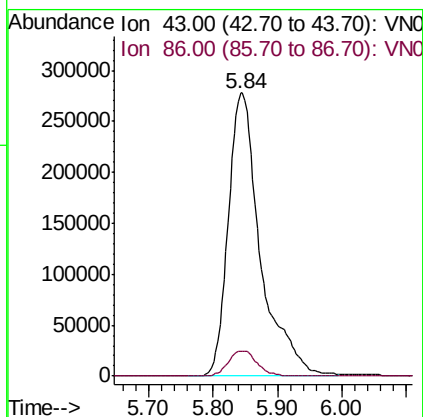
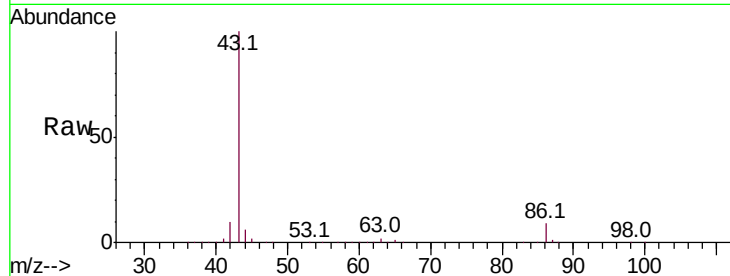




#23
 Vinyl Acetate
 Concen: 93.650 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

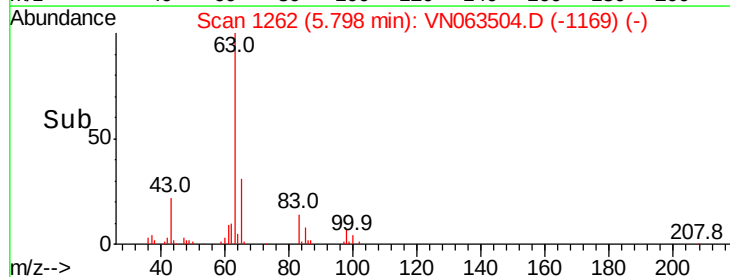
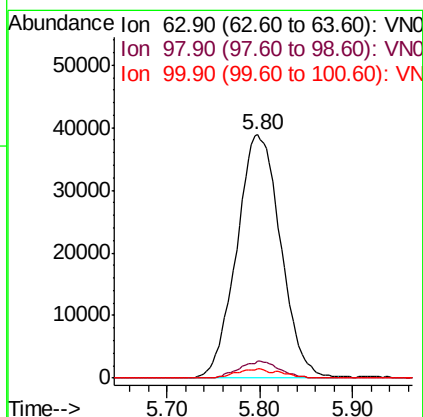
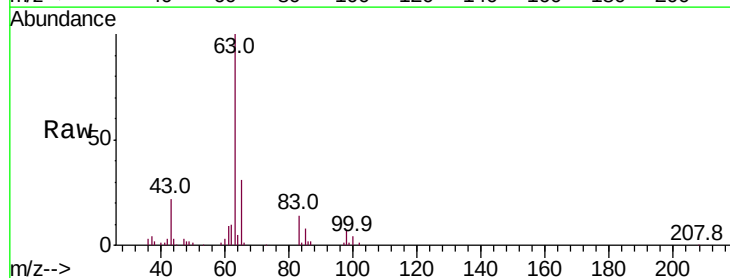
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

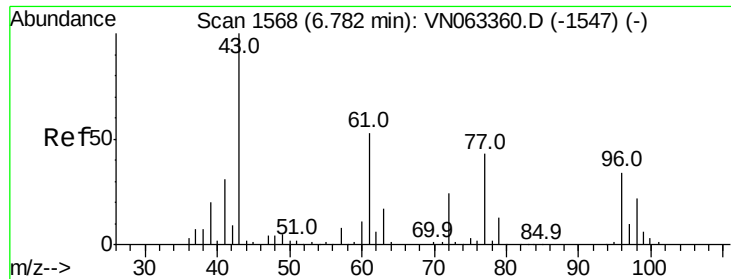
Tot Ion: 43 Resp: 965061
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 18.716 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Tgt Ion: 63 Resp: 128212
 Ion Ratio Lower Upper
 63 100
 98 7.0 2.9 8.8
 100 3.9 2.1 6.3

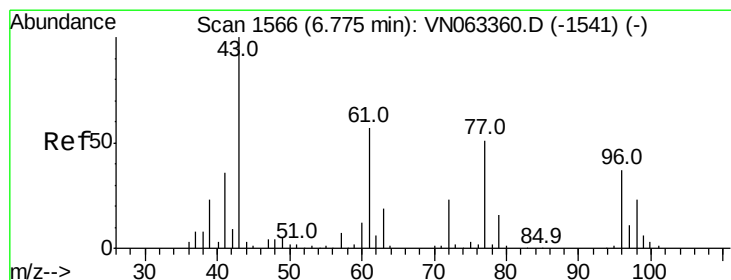
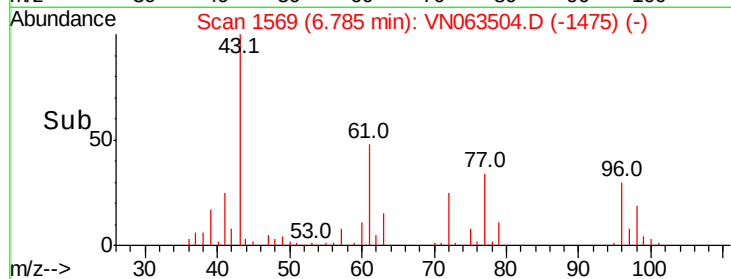
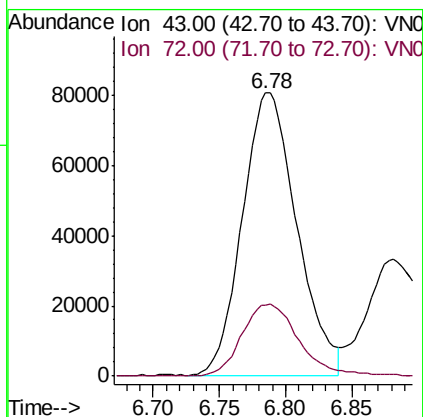
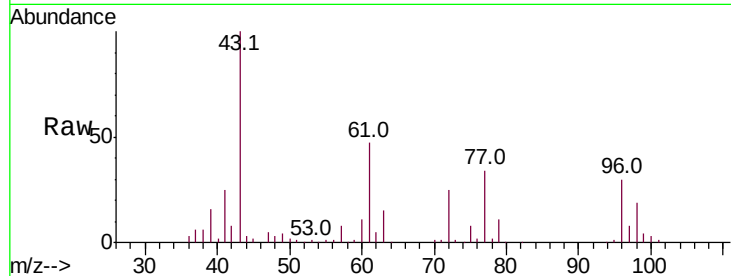




#25
2-Butanone
Concen: 99.126 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

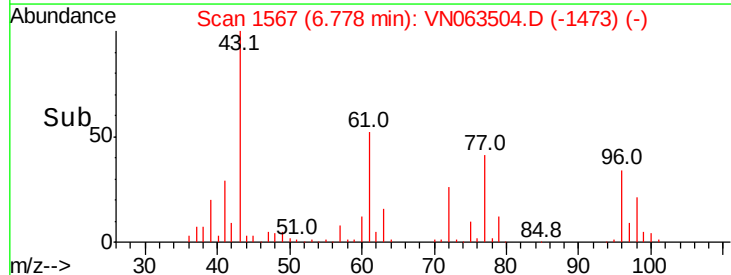
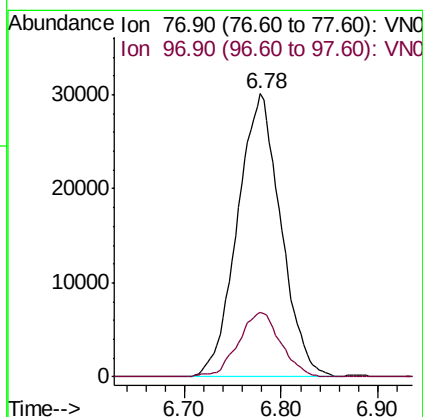
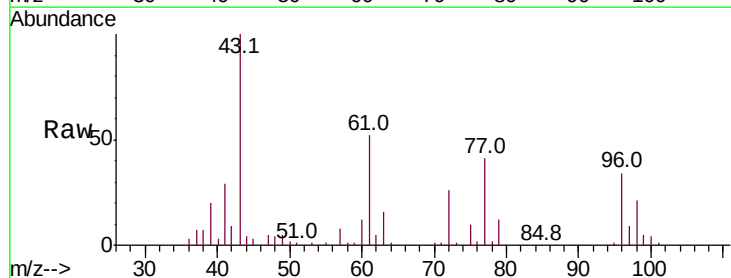
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

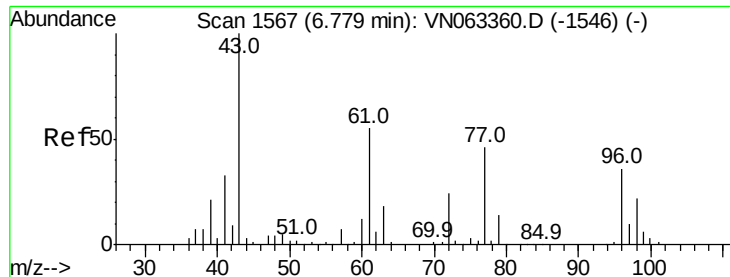
Tot Ion: 43 Resp: 229881
Ion Ratio Lower Upper
43 100
72 25.4 19.2 28.8



#26
2,2-Dichloropropane
Concen: 15.556 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion: 77 Resp: 93825
Ion Ratio Lower Upper
77 100
97 22.2 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 19.006 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

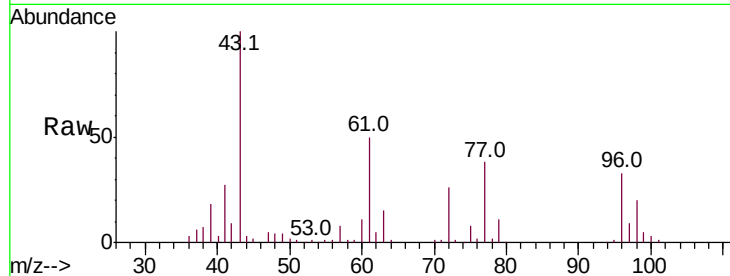
Tot Ion: 96 Resp: 74134

Ion Ratio Lower Upper

96 100

61 156.2 0.0 319.6

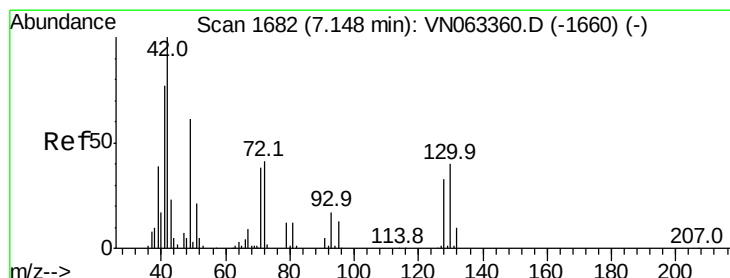
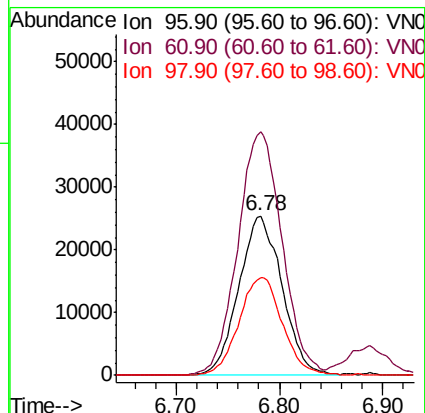
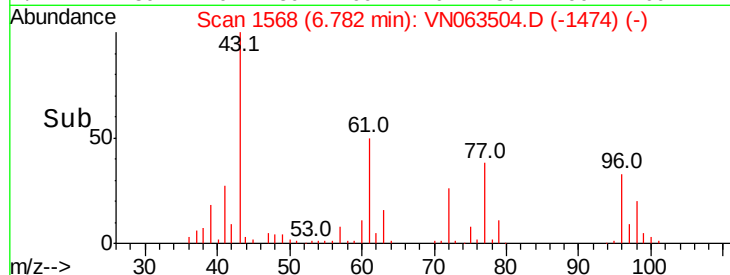
98 61.7 0.0 127.8



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: 18.392 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

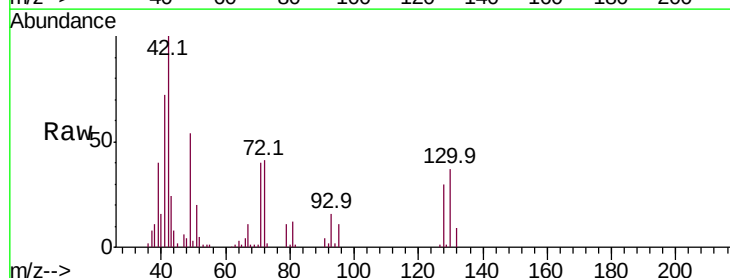
Tgt Ion: 49 Resp: 58176

Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.8

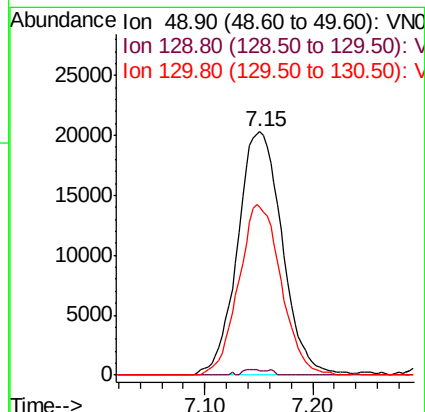
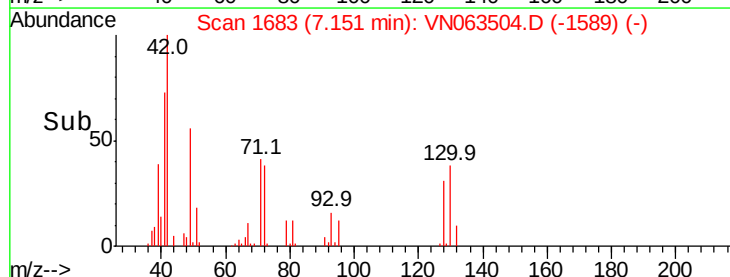
130 66.7 52.2 78.2

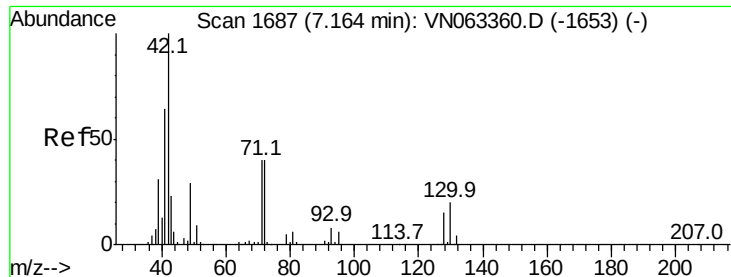


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 100.101 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

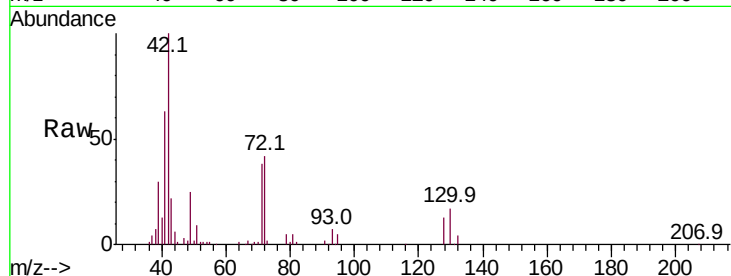
Tot Ion: 42 Resp: 158548

Ion Ratio Lower Upper

42 100

72 41.4 32.1 48.1

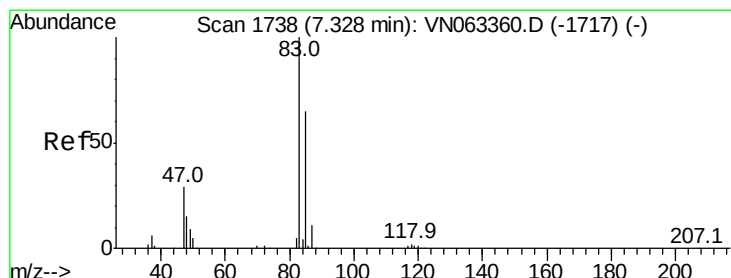
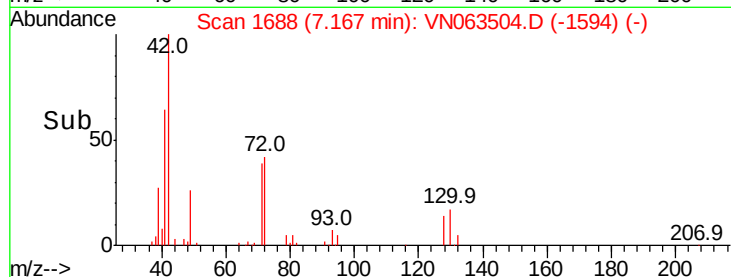
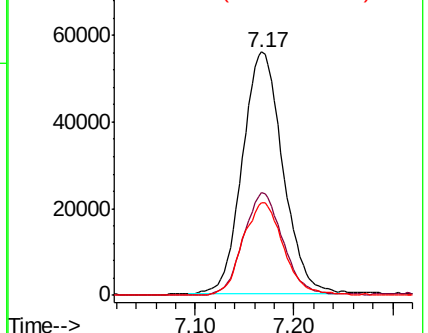
71 38.6 31.2 46.8



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: 19.059 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063504.D

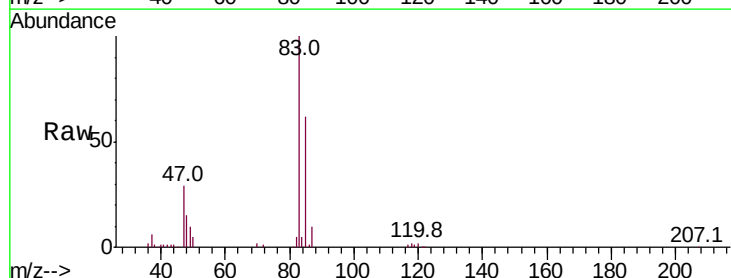
Acq: 21 Sep 2020 23:41

Tgt Ion: 83 Resp: 130989

Ion Ratio Lower Upper

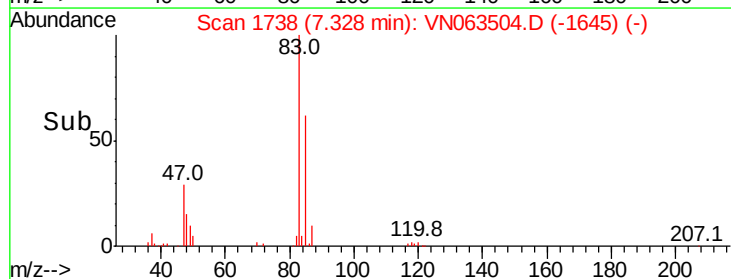
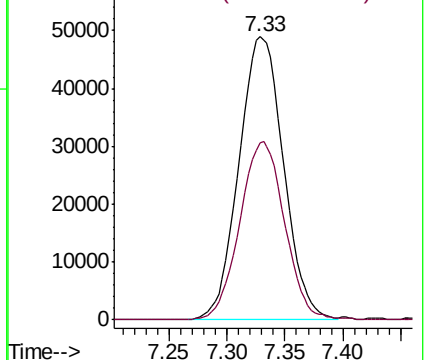
83 100

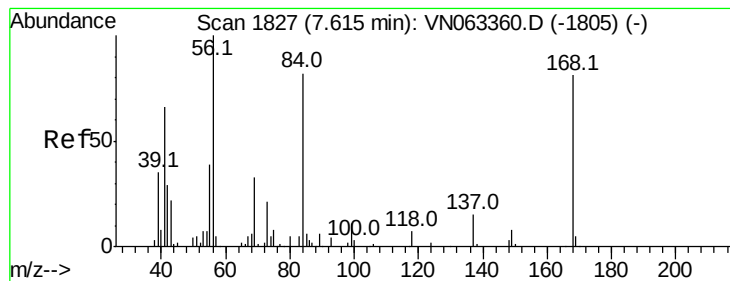
85 62.4 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 17.115 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampled :
VN0921WBS02

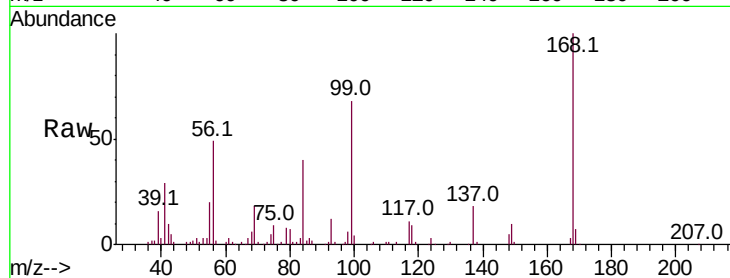
Tot Ion: 56 Resp: 110907

Ion Ratio Lower Upper

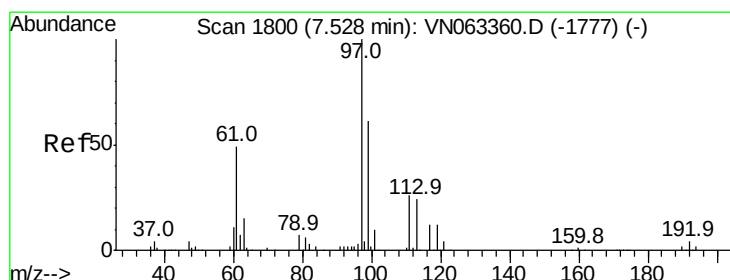
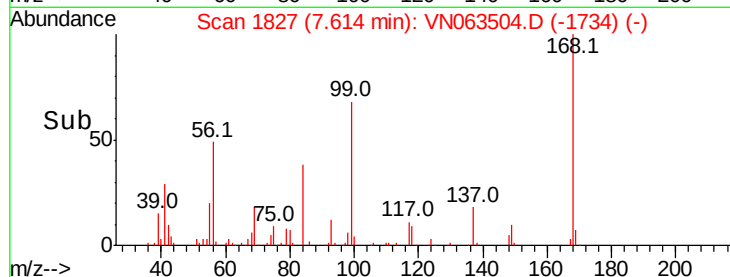
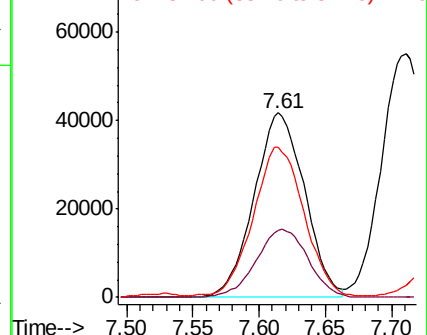
56 100

69 36.6 26.1 39.1

84 80.4 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 18.699 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

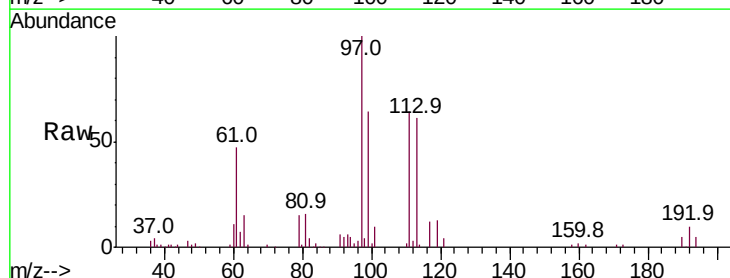
Tgt Ion: 97 Resp: 114305

Ion Ratio Lower Upper

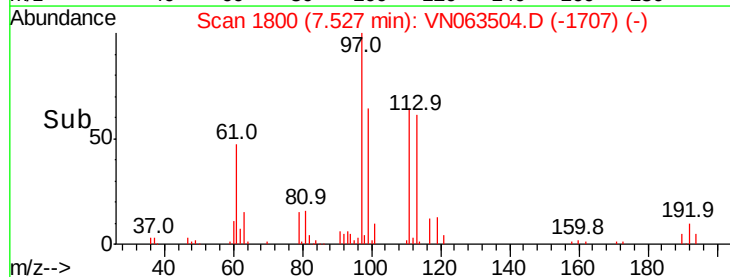
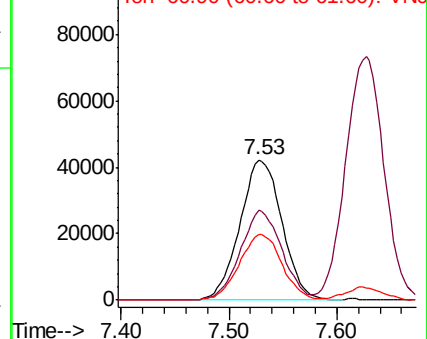
97 100

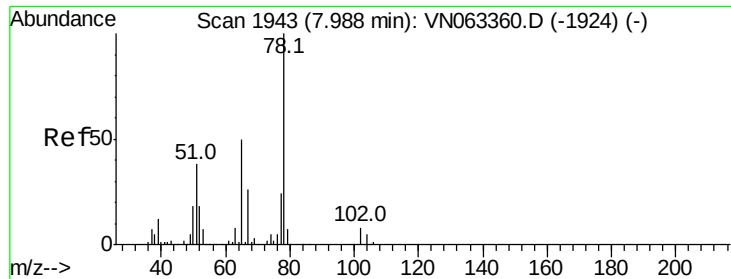
99 63.1 50.6 76.0

61 47.5 39.2 58.8



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

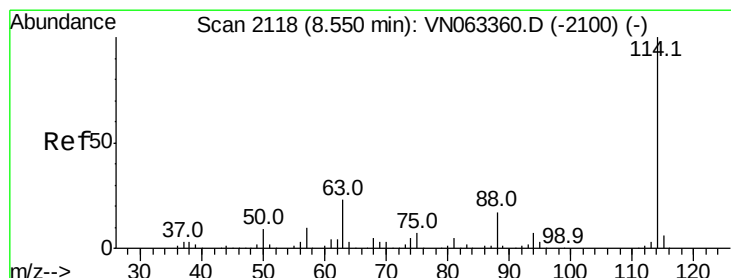
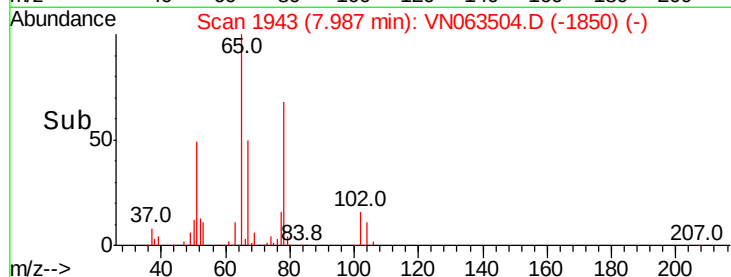
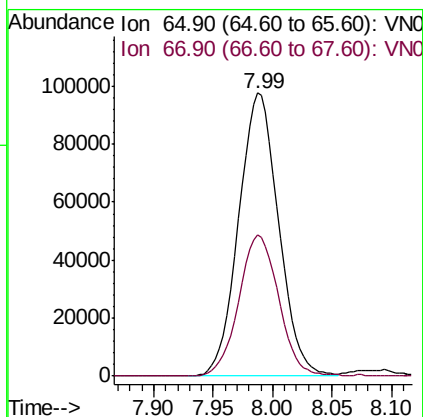
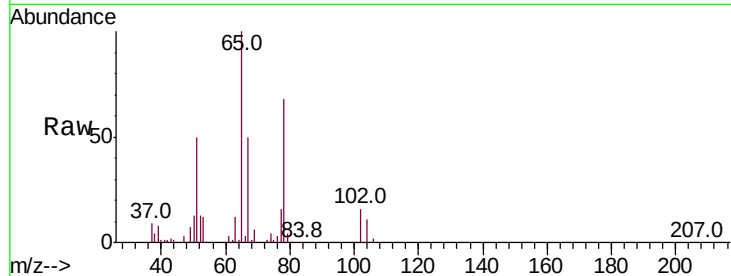




#33
 1,2-Dichloroethane-d4
 Concen: 48.392 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

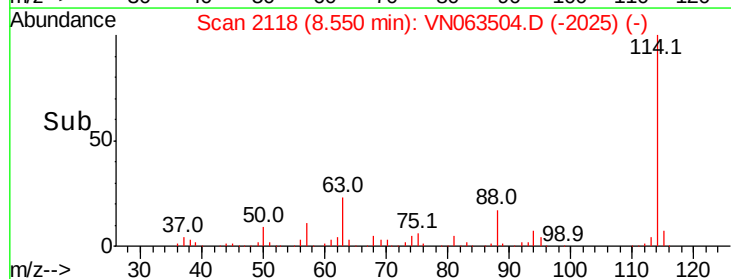
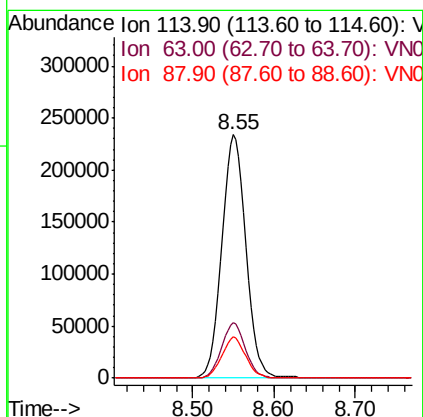
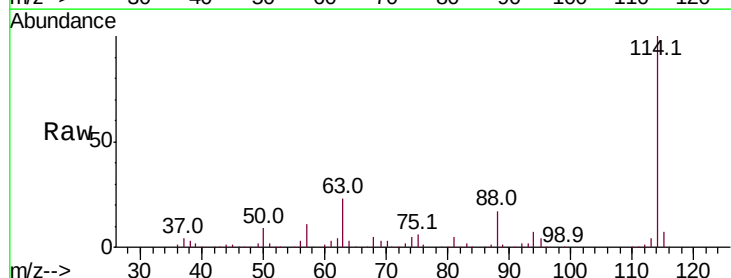
Instrument :
 MSVOA_N
 ClientSampled :
 VN0921WBS02

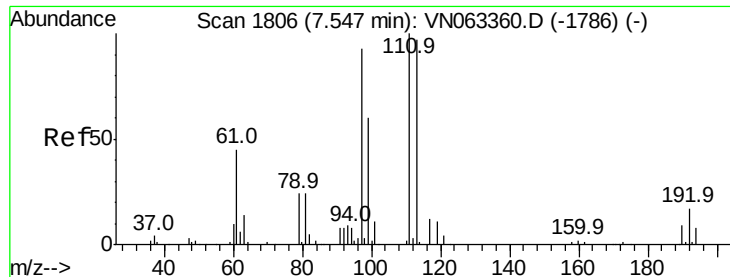
Tot Ion: 65 Resp: 227048
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Tgt Ion: 114 Resp: 490587
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 46.4
 88 17.0 0.0 33.2

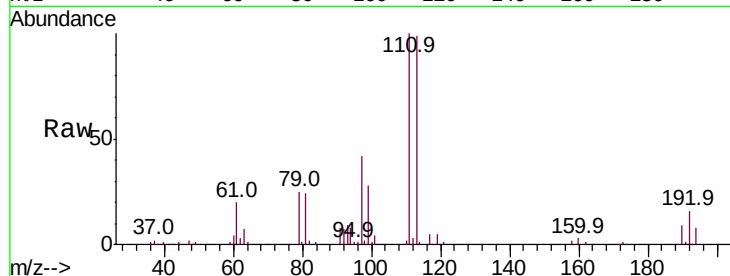




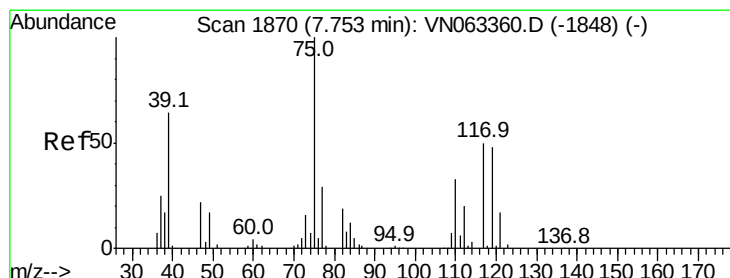
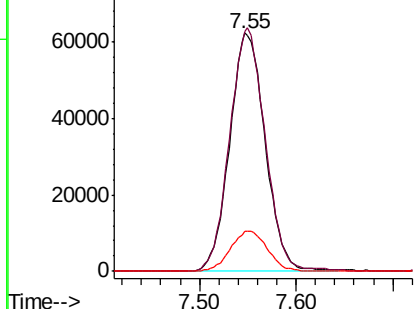
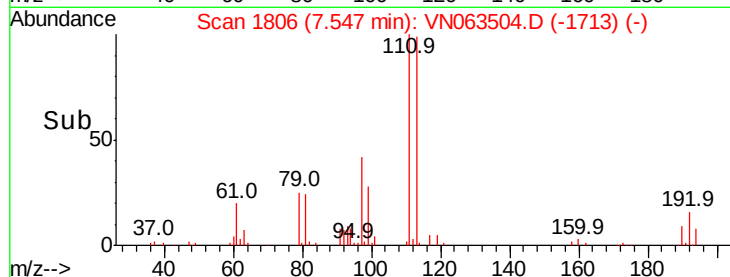
#35
 Dibromofluoromethane
 Concen: 46.797 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

Tot Ion:113 Resp: 158934
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.9 124.3
 192 17.6 13.9 20.9

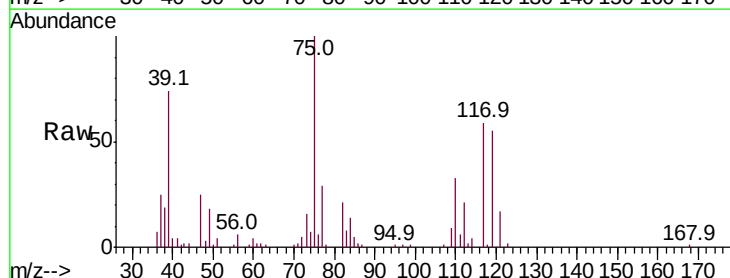


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

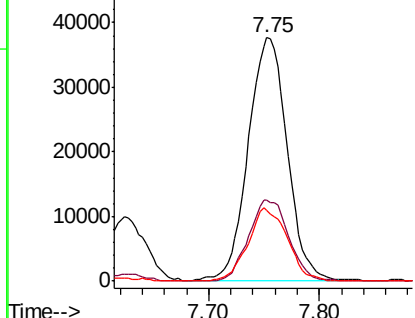
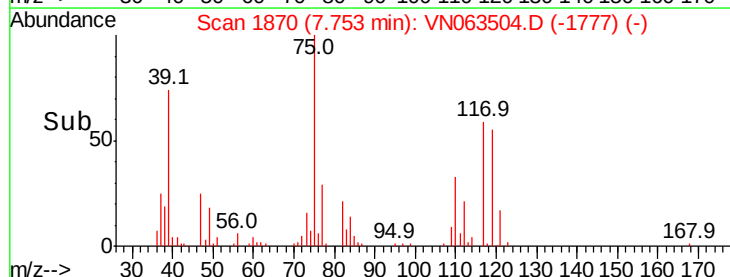


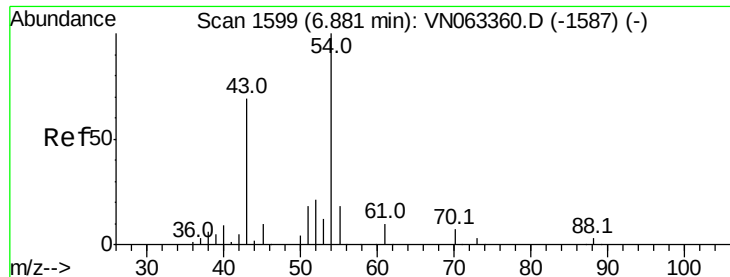
#36
 1,1-Dichloropropene
 Concen: 17.711 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Tgt Ion: 75 Resp: 92568
 Ion Ratio Lower Upper
 75 100
 110 34.1 16.5 49.5
 77 30.2 24.6 36.8



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

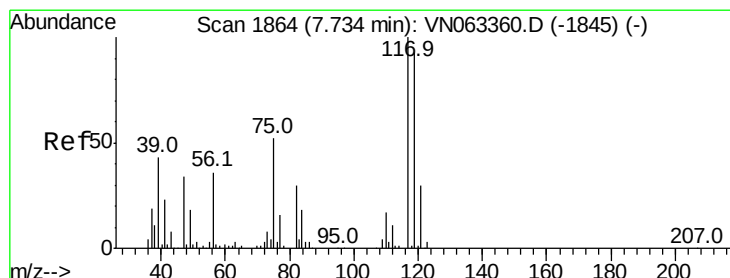
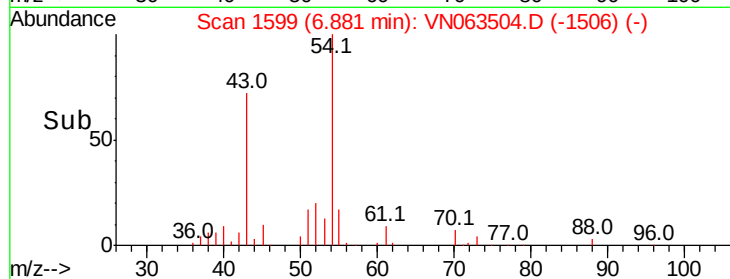
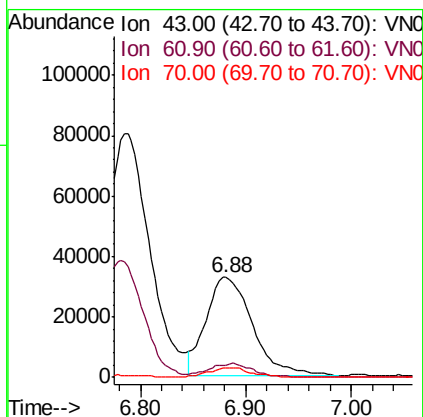
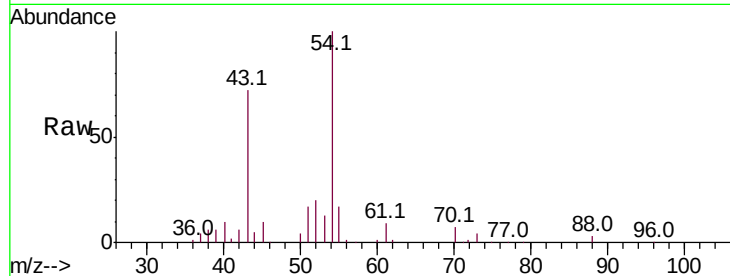




#37
Ethyl Acetate
Concen: 19.389 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

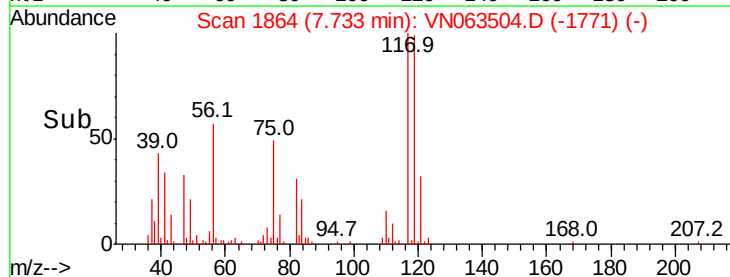
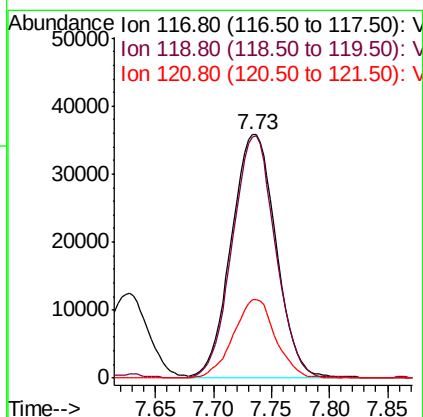
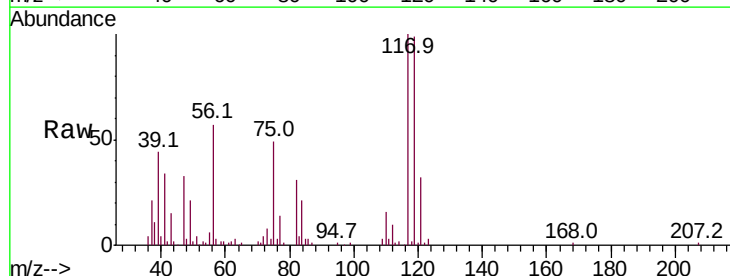
Instrument :
MSVOA_N
ClientSampled :
VN0921WBS02

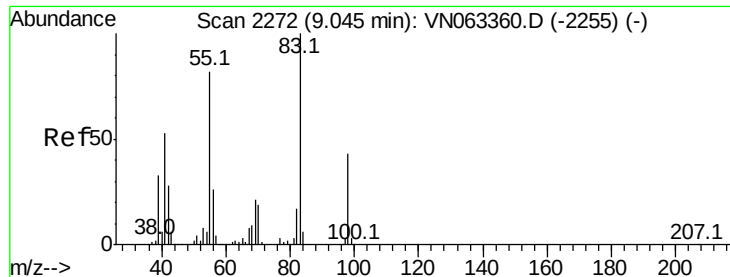
Tot Ion: 43 Resp: 99457
Ion Ratio Lower Upper
43 100
61 13.8 10.6 15.8
70 9.2 7.2 10.8



#38
Carbon Tetrachloride
Concen: 18.019 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion: 117 Resp: 96136
Ion Ratio Lower Upper
117 100
119 98.9 74.5 111.7
121 32.4 24.1 36.1

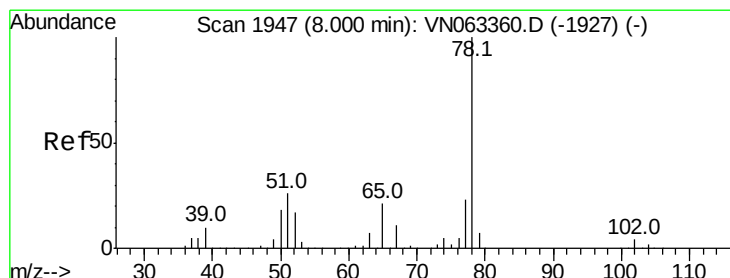
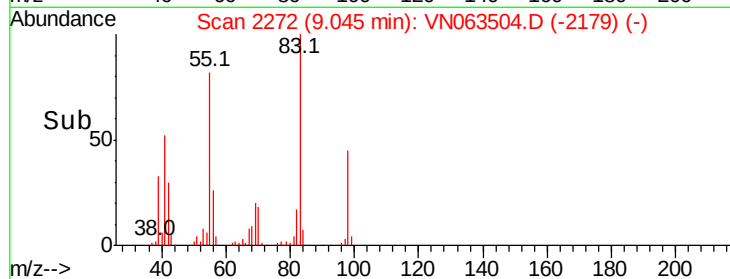
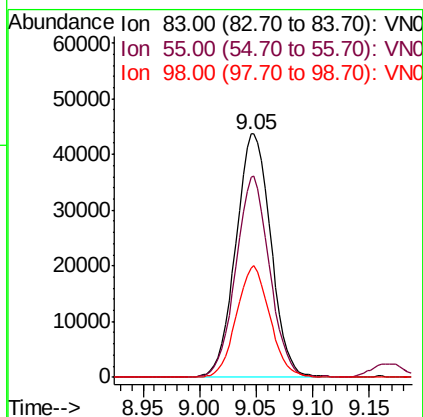
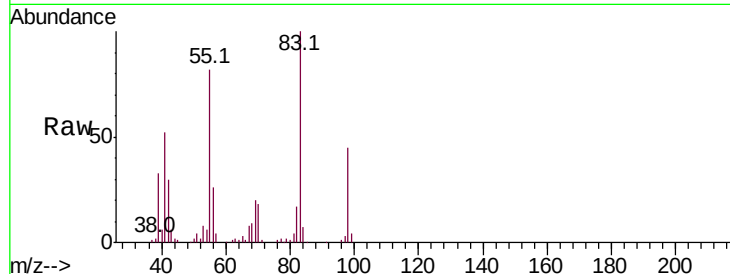




#39
Methylvlcyclohexane
Concen: 16.598 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

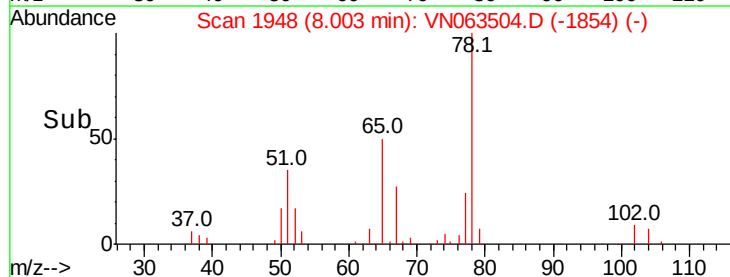
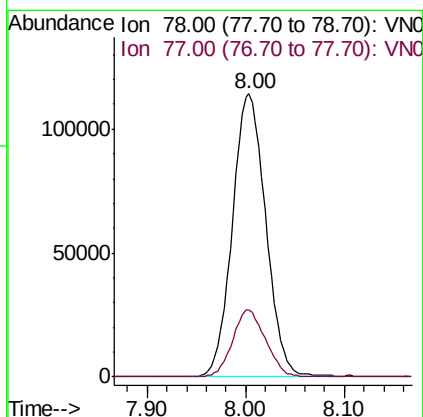
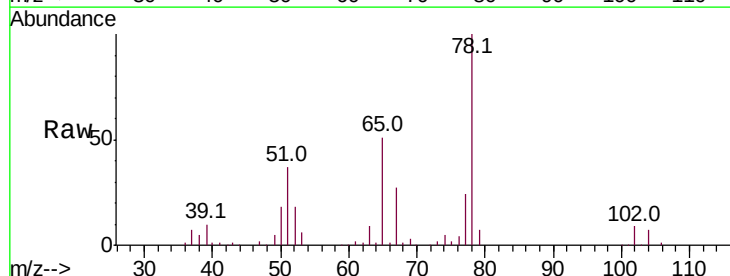
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

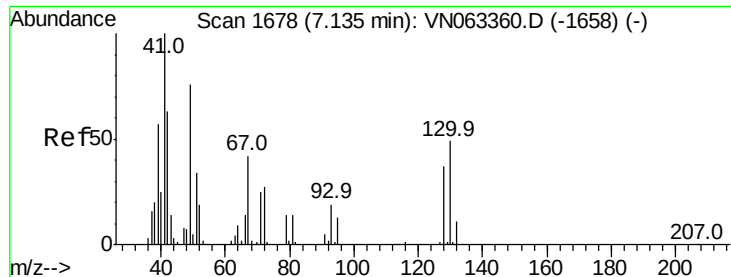
Tot Ion	83	Resp	94154
Ion	Ratio	Lower	Upper
83	100		
55	82.2	65.5	98.3
98	44.8	34.2	51.4



#40
Benzene
Concen: 18.027 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion	78	Resp	268951
Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.3	27.5

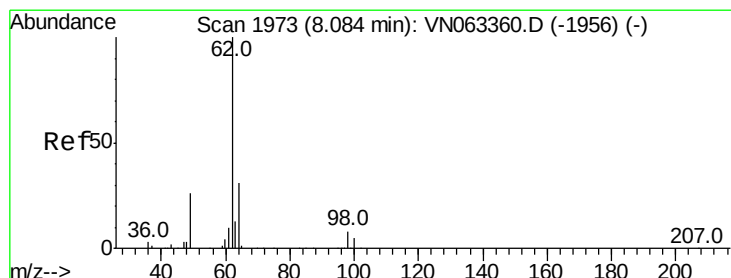
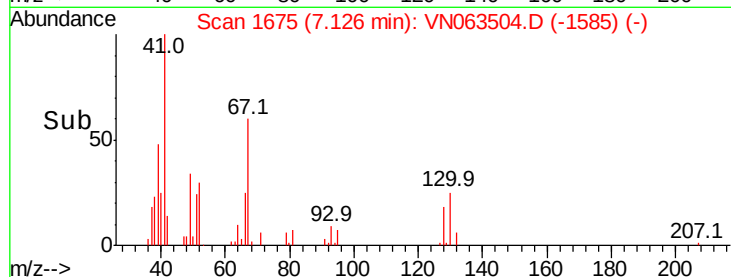
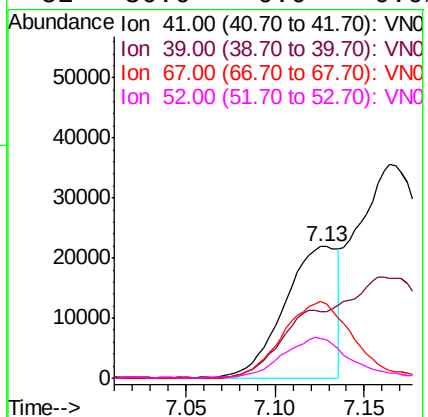
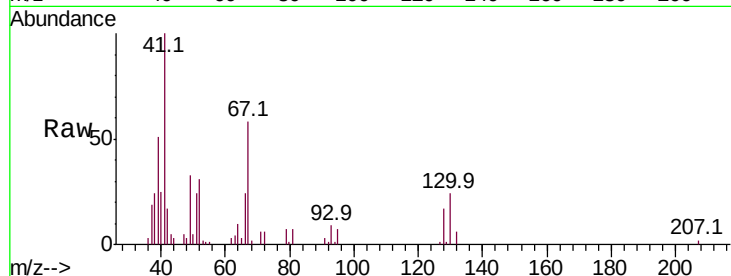




#41
Methacrylonitrile
Concen: 19.840 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

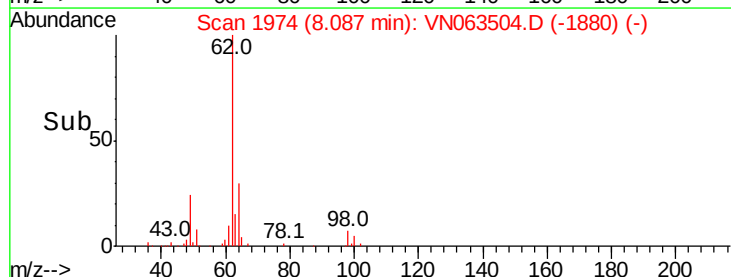
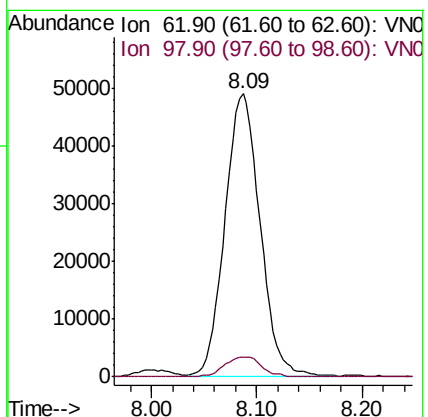
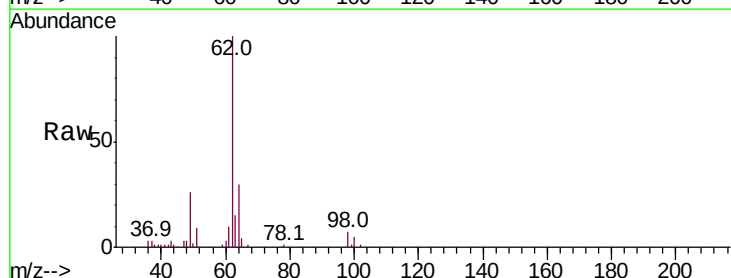
Instrument :
MSVOA_N
ClientSampled :
VN0921WBS02

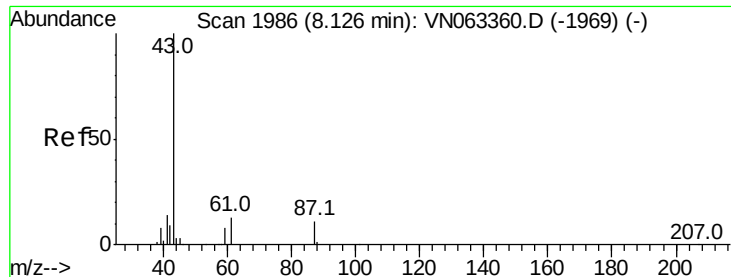
Tot Ion: 41 Resp: 45772
Ion Ratio Lower Upper
41 100
39 44.5 0.0 0.0#
67 76.6 0.0 0.0#
52 36.6 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 18.852 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion: 62 Resp: 113112
Ion Ratio Lower Upper
62 100
98 7.5 0.0 15.6





#43

Isopropyl Acetate

Concen: 18.435 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

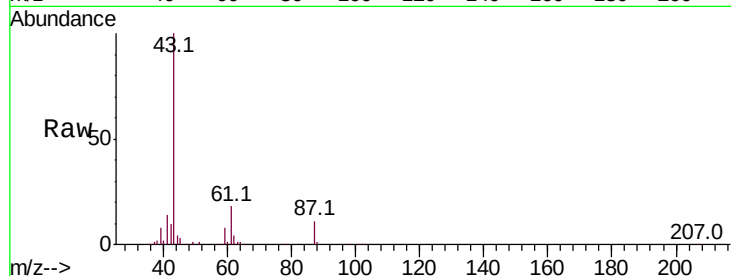
Tot Ion: 43 Resp: 169087

Ion Ratio Lower Upper

43 100

61 18.1 14.2 21.2

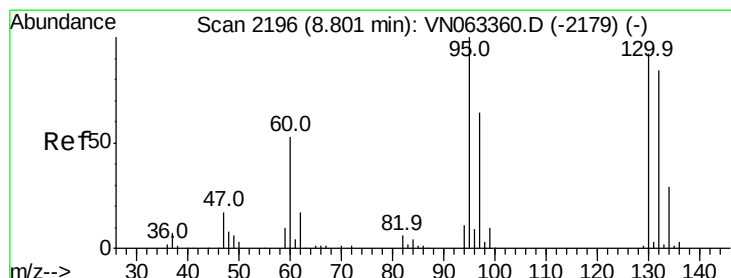
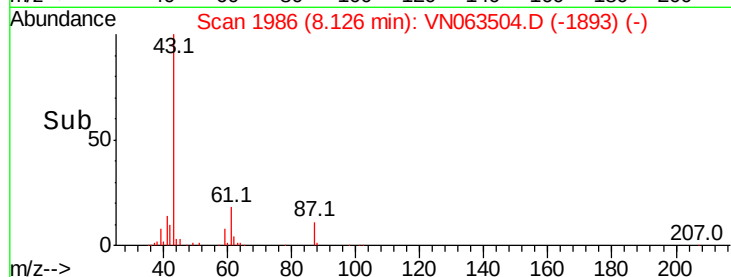
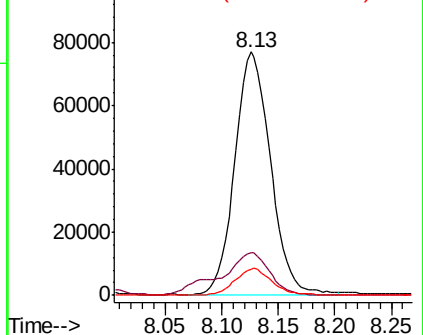
87 11.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063360.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1969) (-)



#44

Trichloroethene

Concen: 18.547 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063504.D

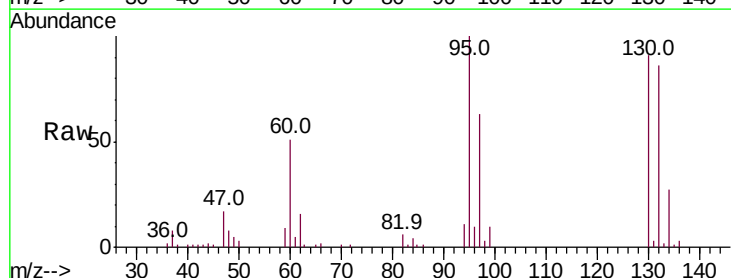
Acq: 21 Sep 2020 23:41

Tgt Ion:130 Resp: 67117

Ion Ratio Lower Upper

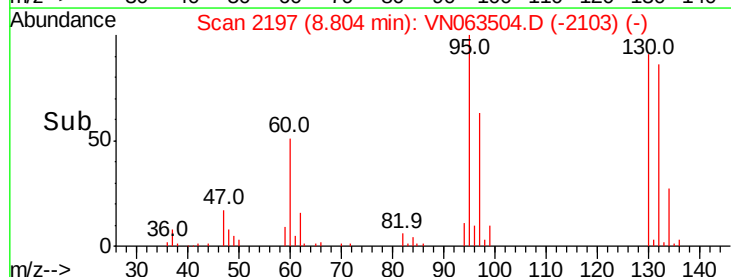
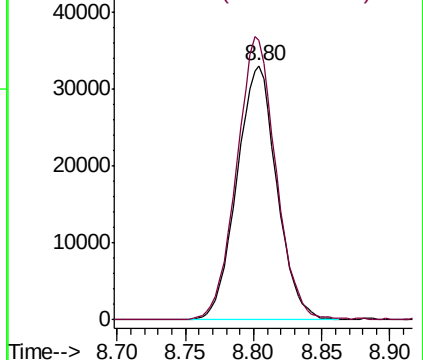
130 100

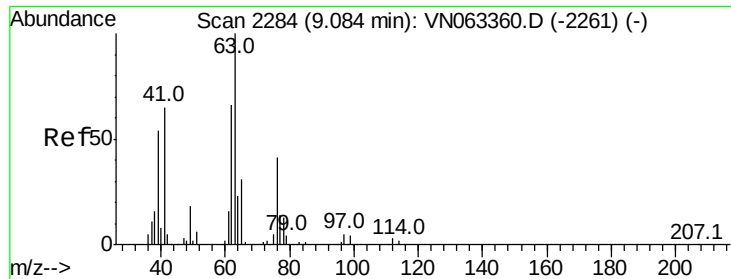
95 109.8 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063360.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 18.599 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

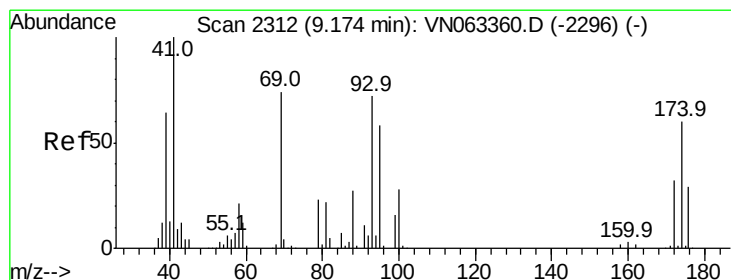
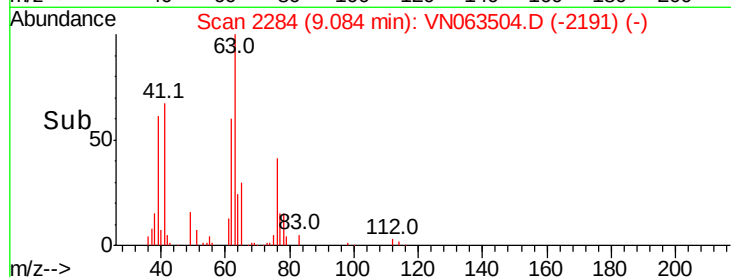
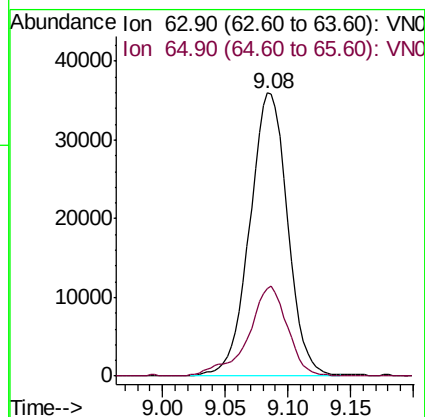
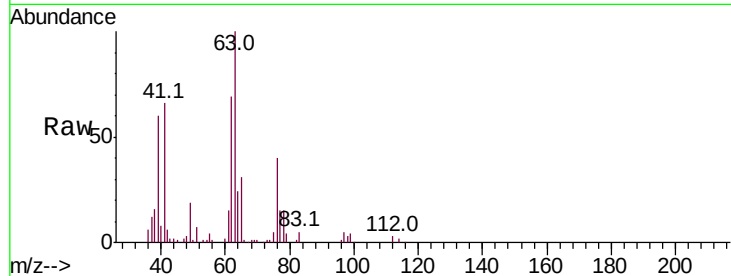
VN0921WBS02

Tot Ion: 63 Resp: 75579

Ion Ratio Lower Upper

63 100

65 31.0 25.0 37.6



#46

Dibromomethane

Concen: 19.524 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

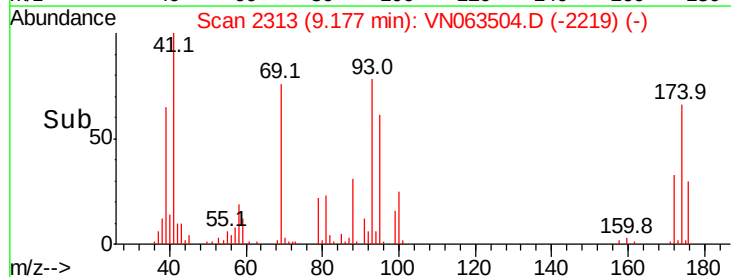
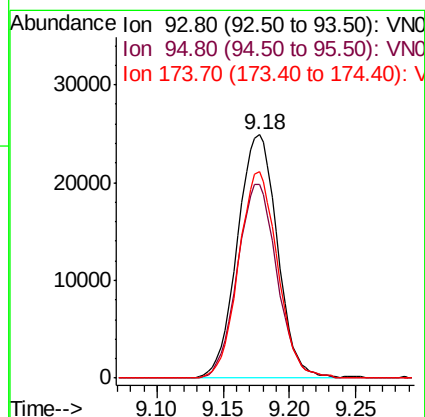
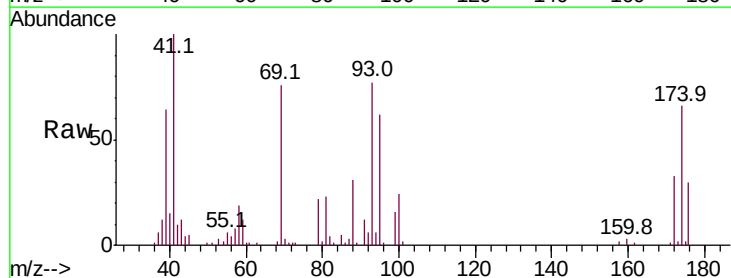
Tgt Ion: 93 Resp: 52143

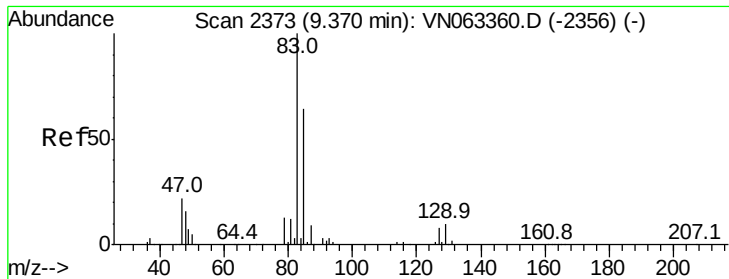
Ion Ratio Lower Upper

93 100

95 79.1 65.6 98.4

174 82.6 68.1 102.1

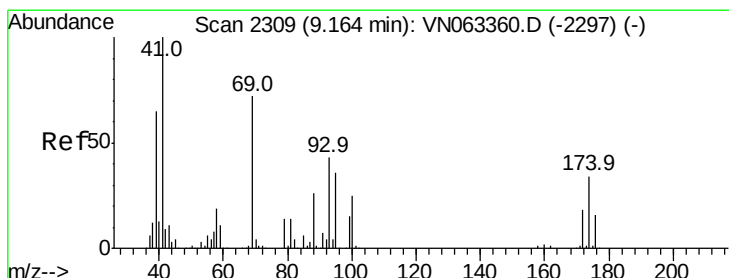
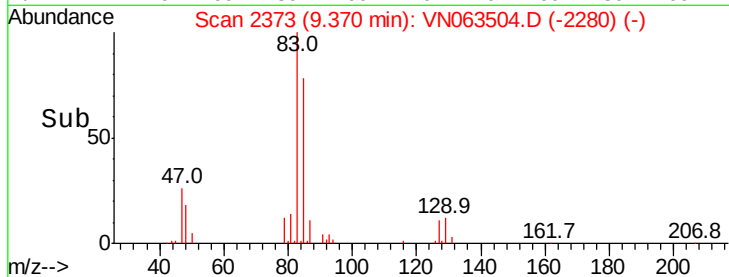
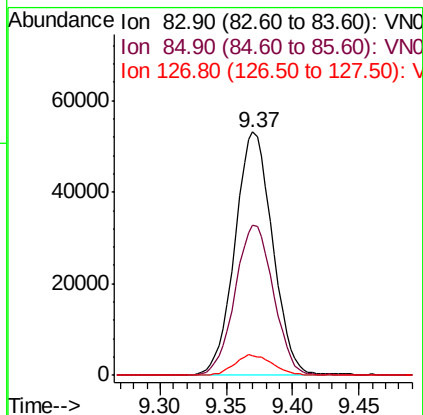
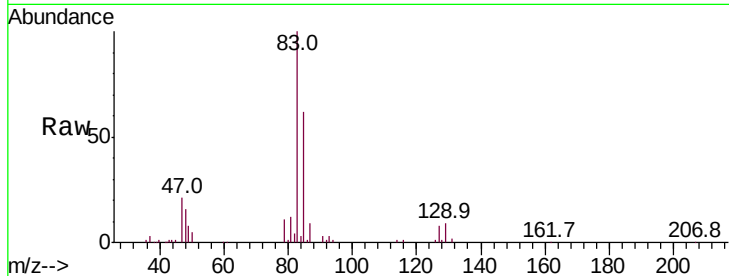




#47
 Bromodichloromethane
 Concen: 18.919 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

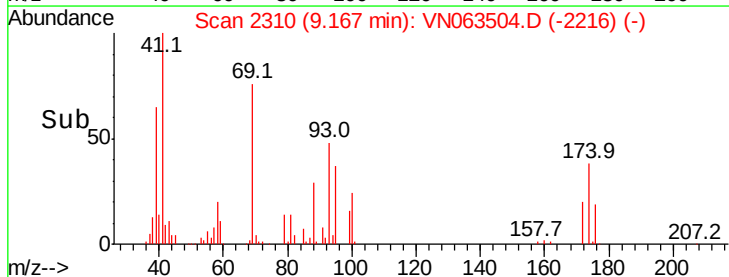
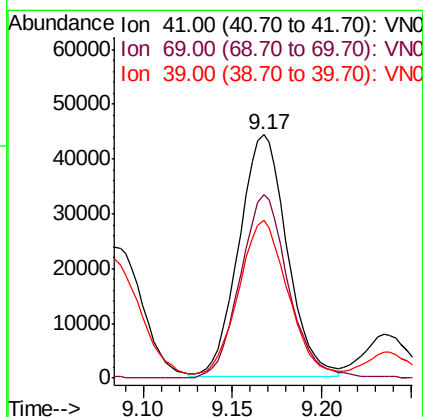
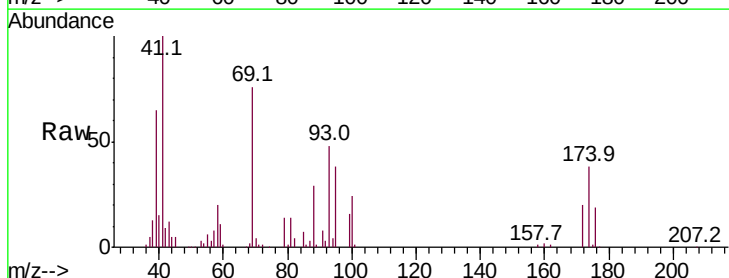
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

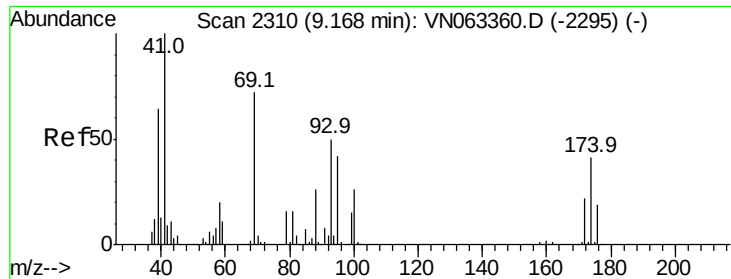
Tot Ion: 83 Resp: 104972
 Ion Ratio Lower Upper
 83 100
 85 61.7 51.0 76.6
 127 8.3 6.3 9.5



#48
 Methyl methacrylate
 Concen: 18.497 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Tgt Ion: 41 Resp: 83356
 Ion Ratio Lower Upper
 41 100
 69 75.9 59.3 88.9
 39 66.9 52.9 79.3

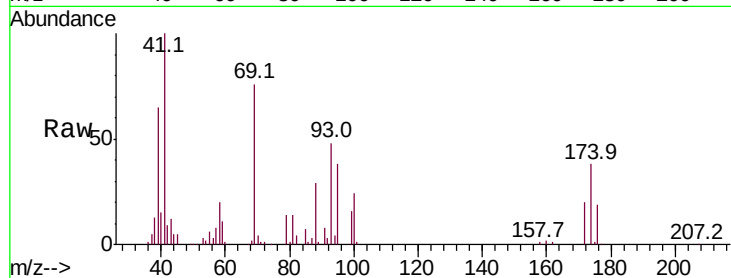




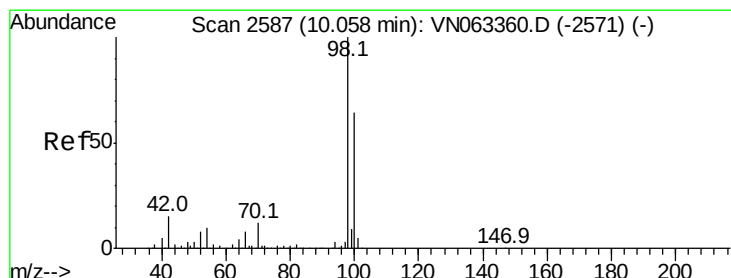
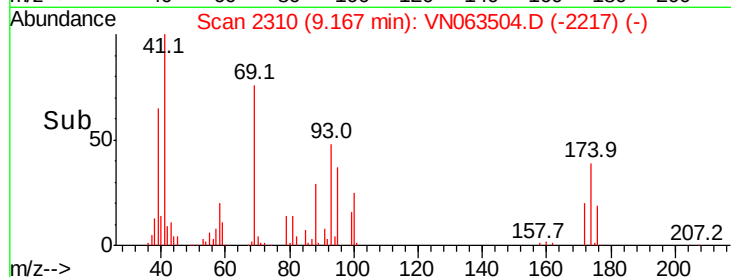
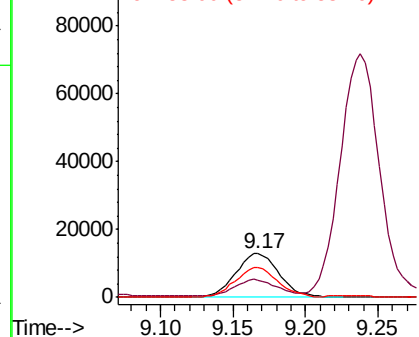
#49
 1,4-Dioxane
 Concen: 416.766 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

Tot Ion: 88 Resp: 26952
 Ion Ratio Lower Upper
 88 100
 43 36.7 32.6 49.0
 58 66.8 60.0 90.0

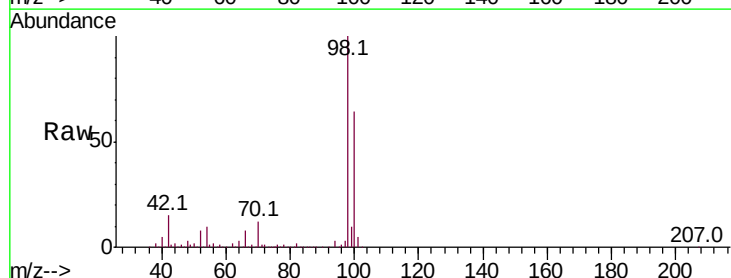


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

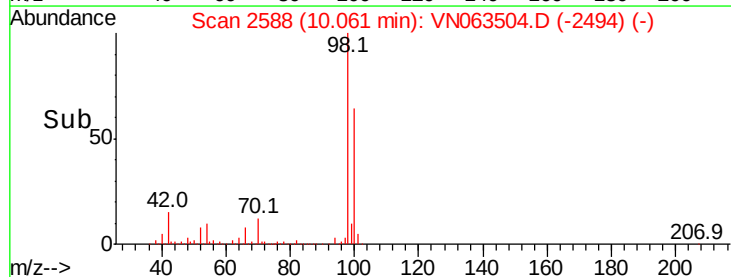
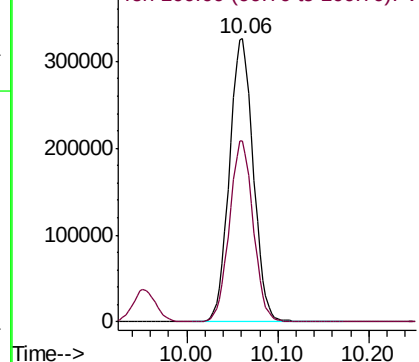


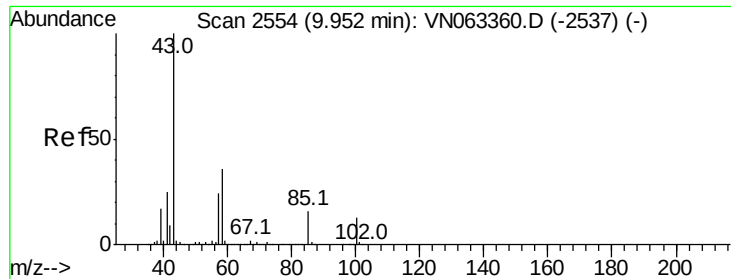
#50
 Toluene-d8
 Concen: 46.685 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Tgt Ion: 98 Resp: 596194
 Ion Ratio Lower Upper
 98 100
 100 63.2 50.7 76.1



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





#51

4-Methyl-2-Pentanone

Concen: 99.579 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

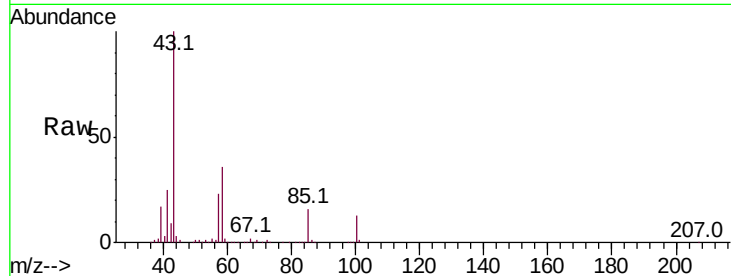
VN0921WBS02

Tot Ion: 43 Resp: 511330

Ion Ratio Lower Upper

43 100

58 36.6 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

300000

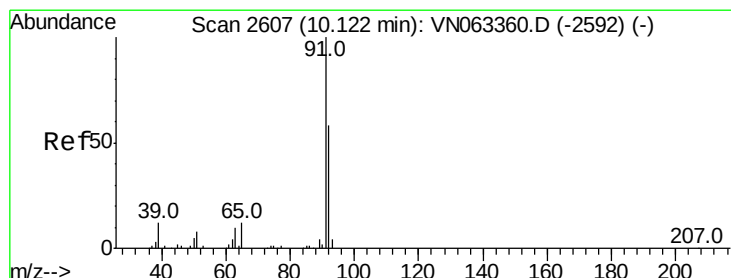
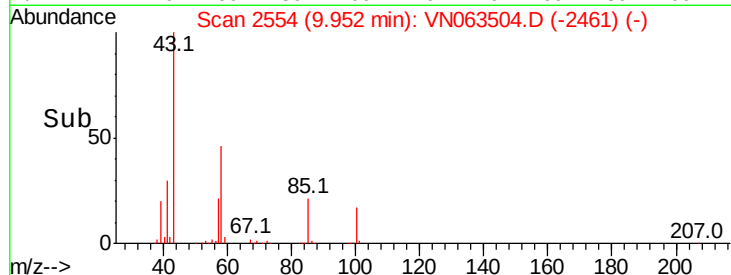
200000

100000

0

Time-->

9.90 9.95 10.00



#52

Toluene

Concen: 18.974 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063504.D

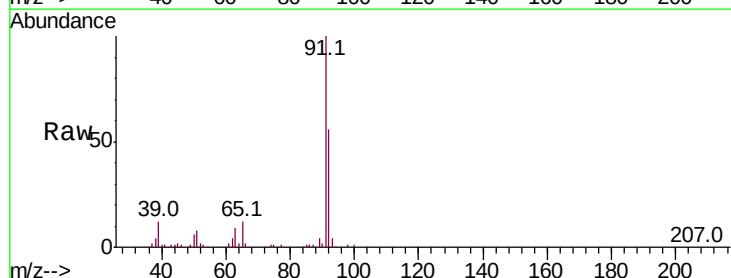
Acq: 21 Sep 2020 23:41

Tgt Ion: 92 Resp: 170199

Ion Ratio Lower Upper

92 100

91 175.3 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.13

150000

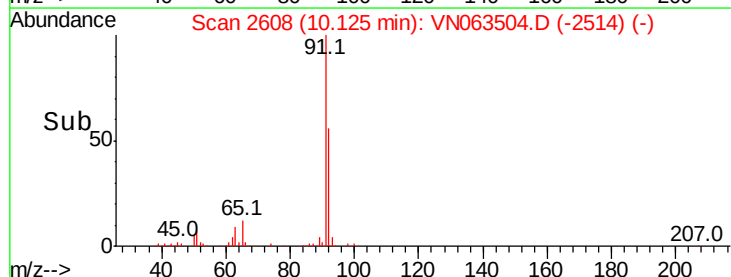
100000

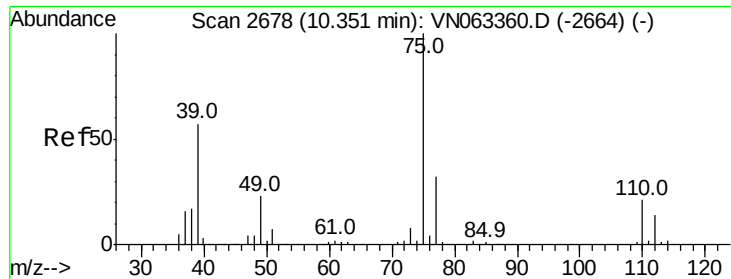
50000

0

Time-->

10.10 10.13 10.20





#53

t-1,3-Dichloropropene

Concen: 17.682 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

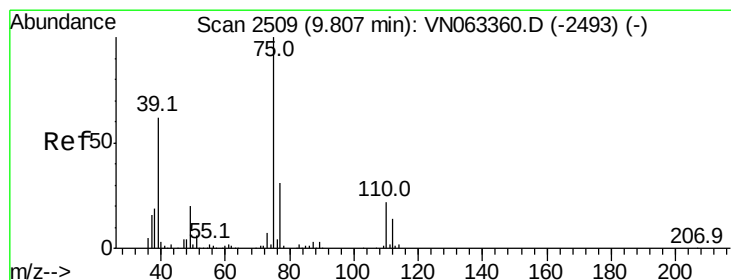
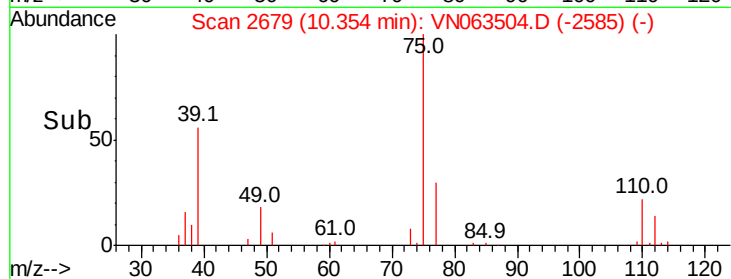
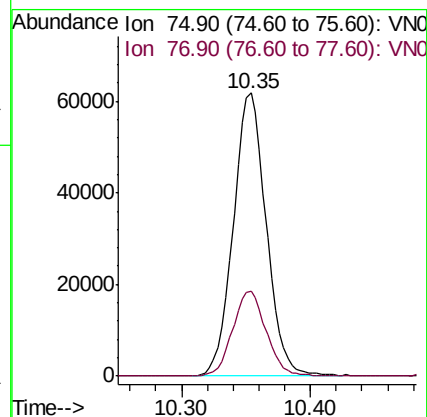
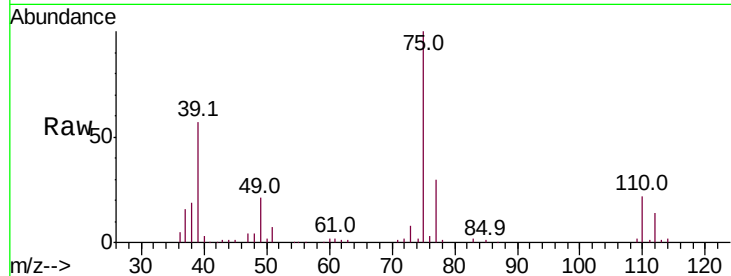
VN0921WBS02

Tot Ion: 75 Resp: 109528

Ion Ratio Lower Upper

75 100

77 30.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 17.441 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

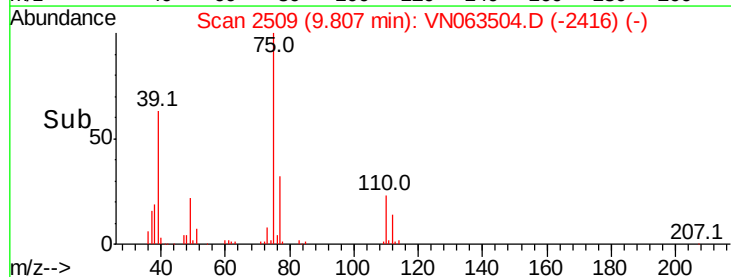
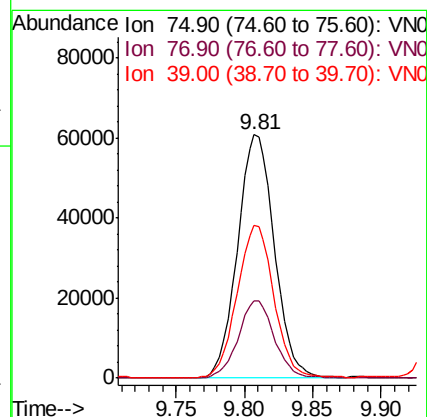
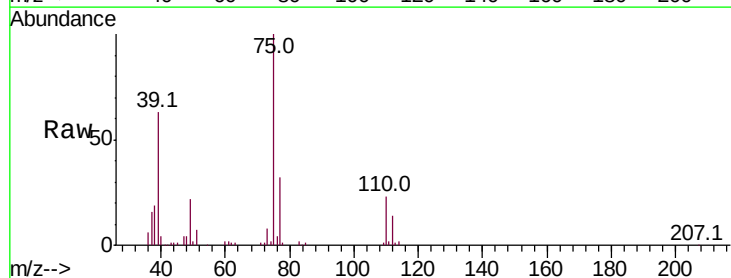
Tgt Ion: 75 Resp: 113955

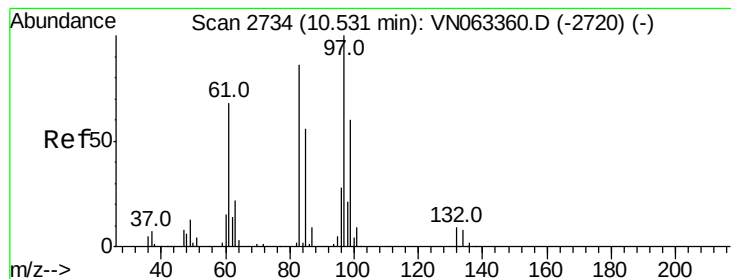
Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0

39 62.3 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 19.134 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

Tot Ion: 97 Resp: 68176

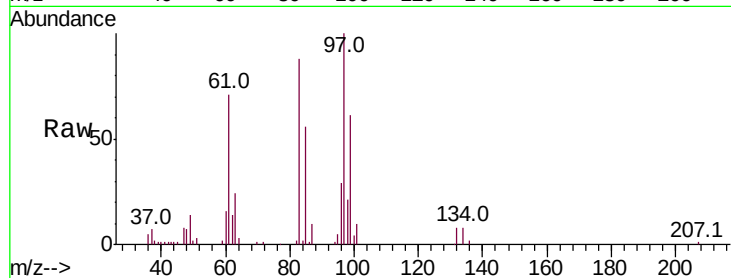
Ion Ratio Lower Upper

97 100

83 88.3 68.9 103.3

85 56.4 44.8 67.2

99 61.4 47.8 71.8



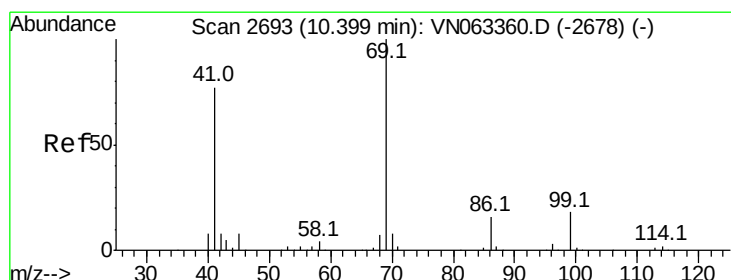
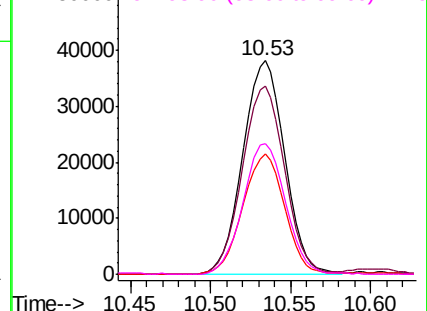
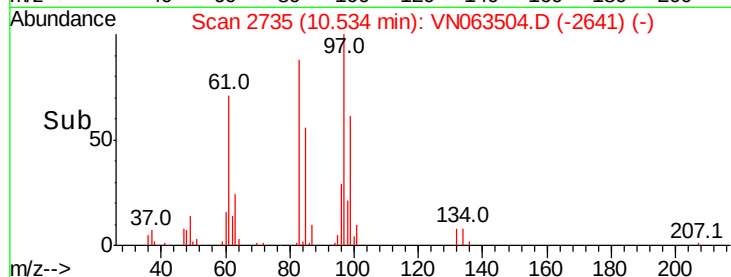
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.769 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

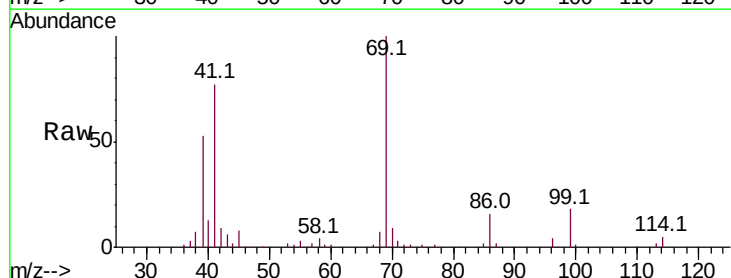
Tgt Ion: 69 Resp: 104397

Ion Ratio Lower Upper

69 100

41 74.5 61.0 91.6

39 50.1 39.2 58.8

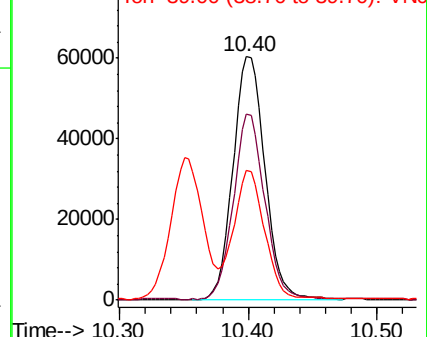
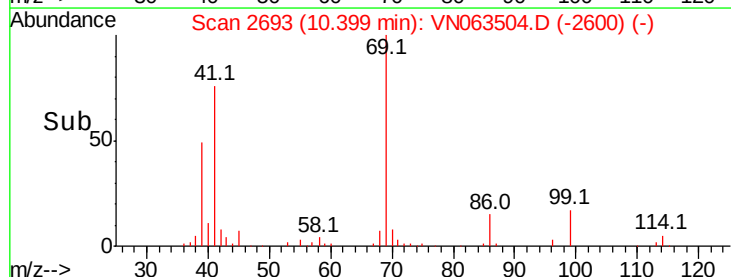


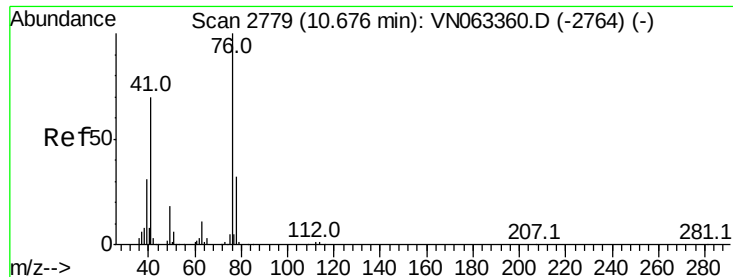
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 18.539 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

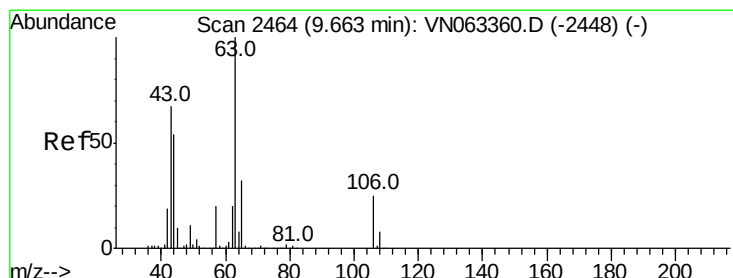
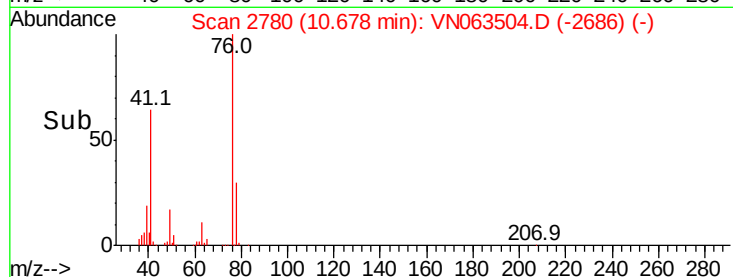
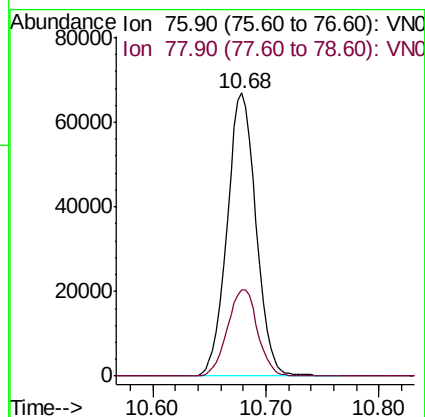
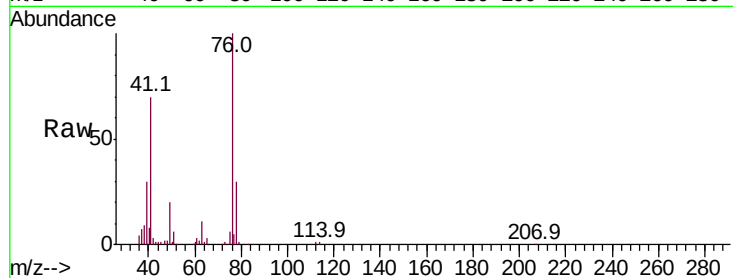
VN0921WBS02

Tot Ion: 76 Resp: 119121

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 85.472 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063504.D

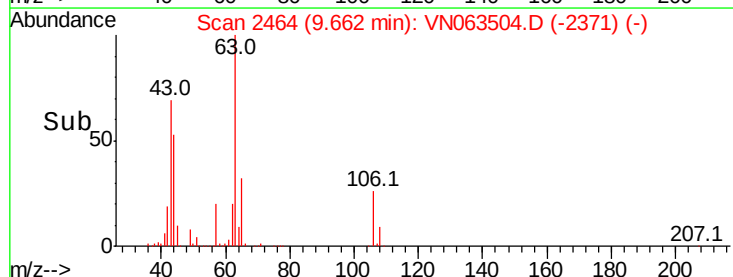
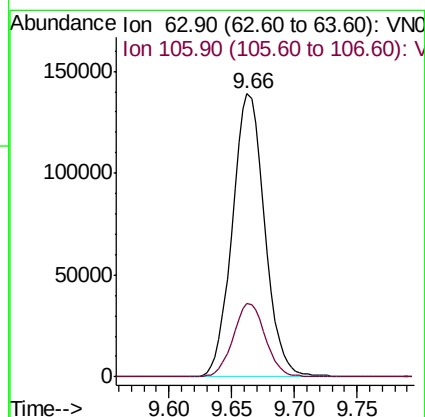
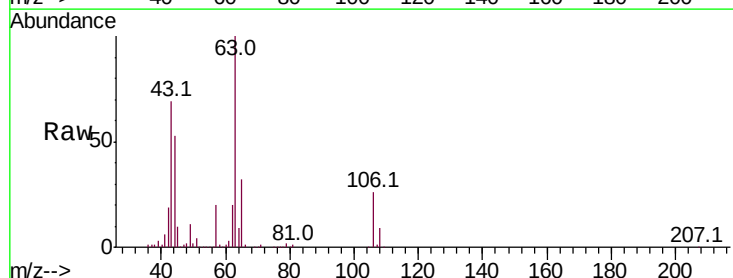
Acq: 21 Sep 2020 23:41

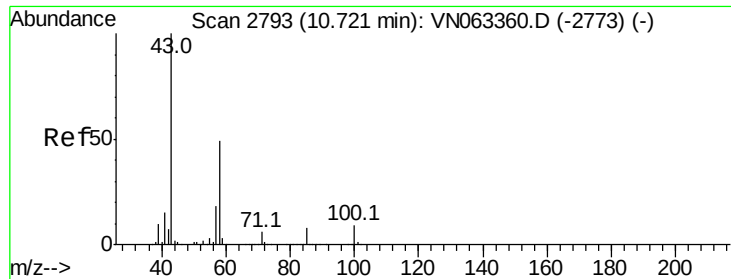
Tgt Ion: 63 Resp: 249396

Ion Ratio Lower Upper

63 100

106 25.8 19.5 29.3

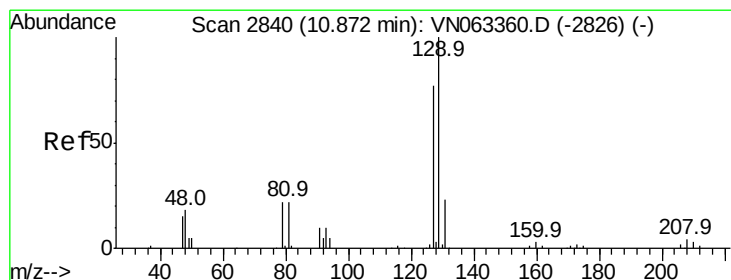
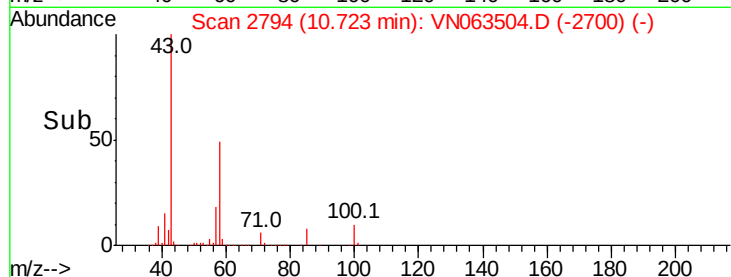
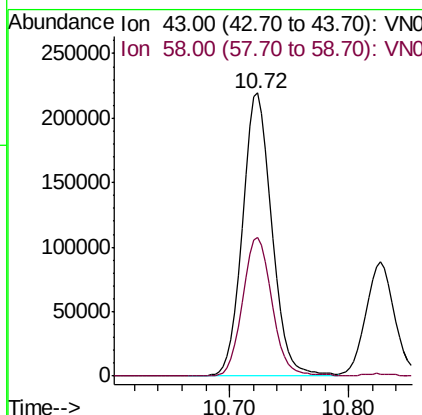
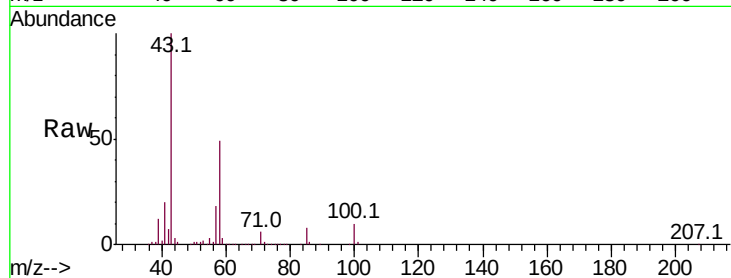




#59
2-Hexanone
Concen: 100.348 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

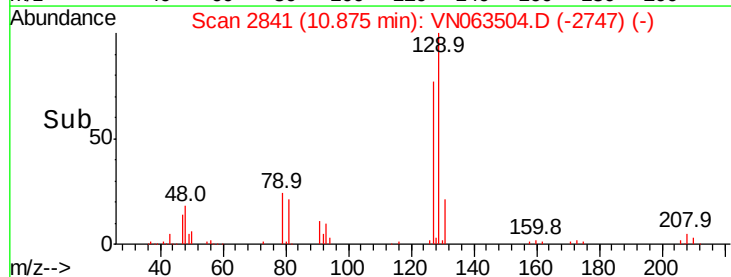
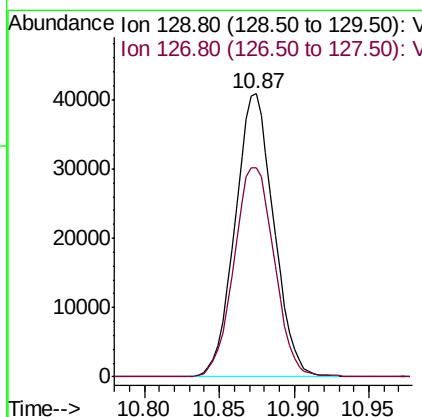
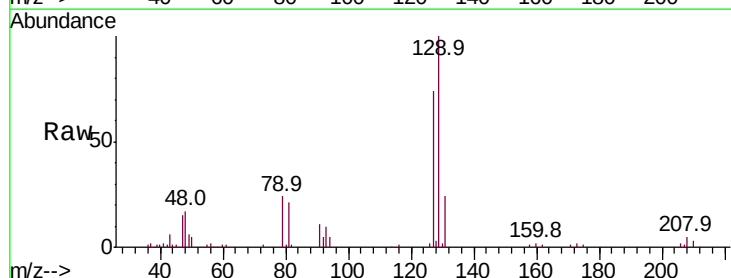
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

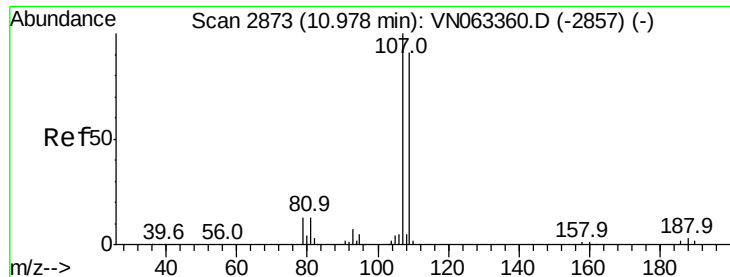
Tot Ion: 43 Resp: 373306
Ion Ratio Lower Upper
43 100
58 49.4 24.7 74.1



#60
Dibromochloromethane
Concen: 18.273 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion: 129 Resp: 73554
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.3

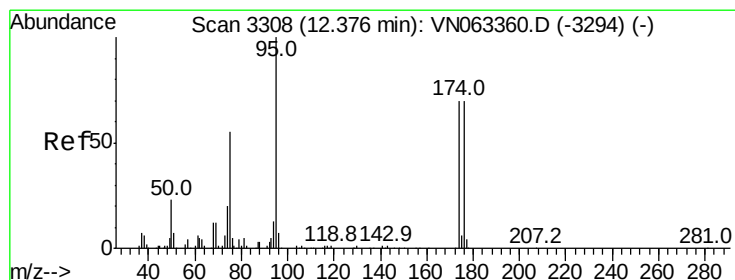
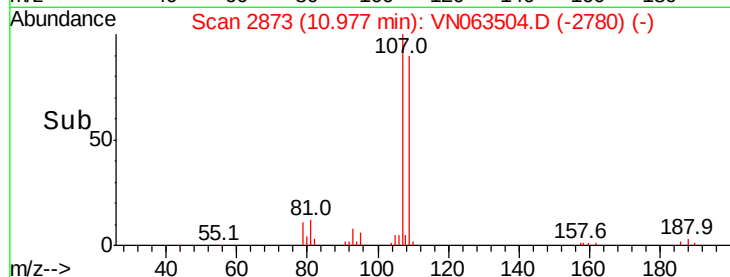
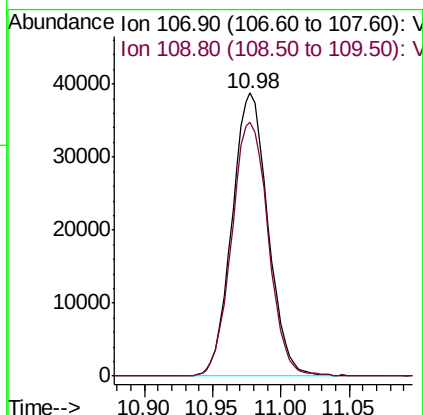
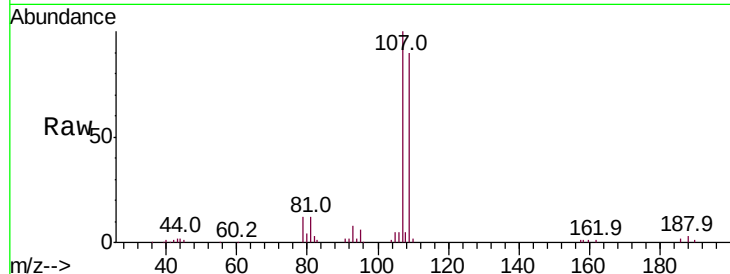




#61
 1,2-Dibromoethane
 Concen: 19.155 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

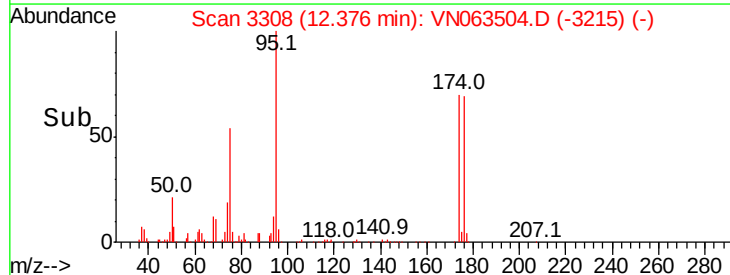
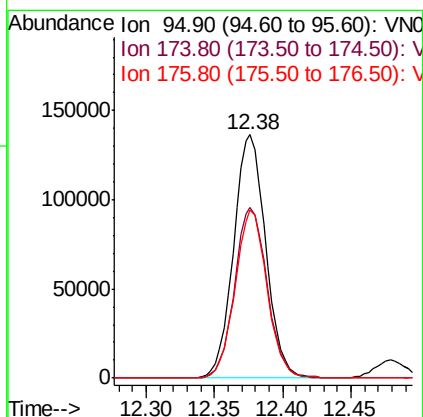
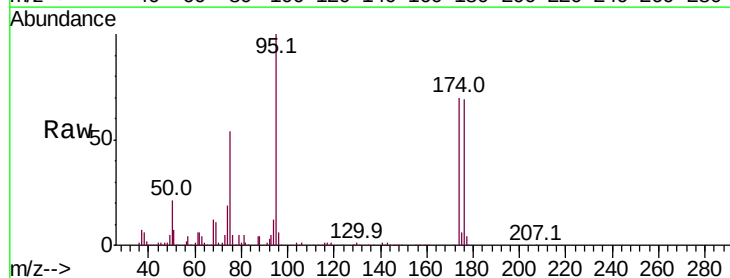
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBS02

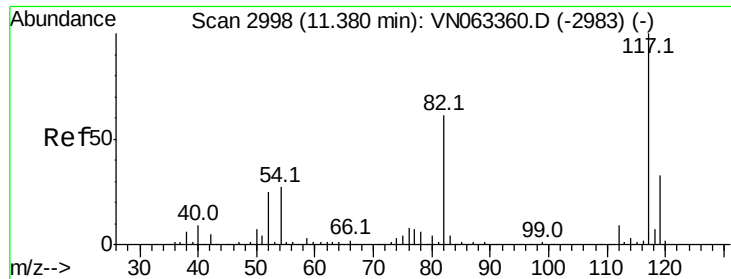
Tot Ion: 107 Resp: 70907
 Ion Ratio Lower Upper
 107 100
 109 91.6 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 47.521 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Tgt Ion: 95 Resp: 222467
 Ion Ratio Lower Upper
 95 100
 174 71.0 0.0 140.8
 176 68.8 0.0 137.6

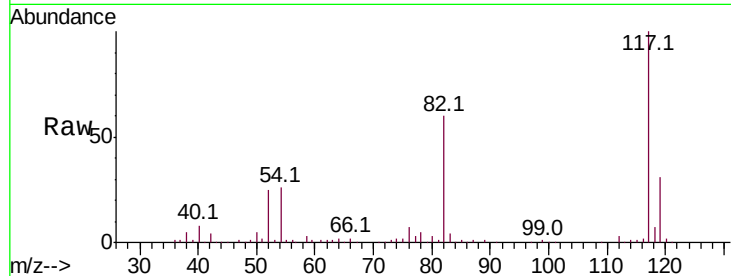




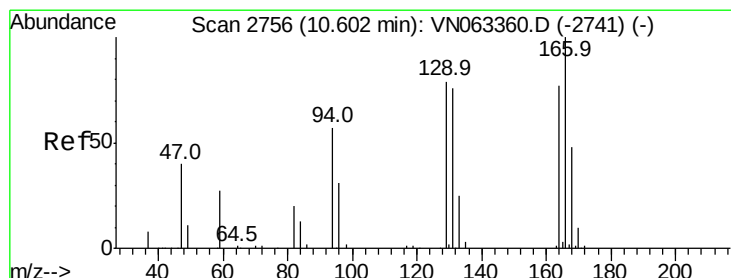
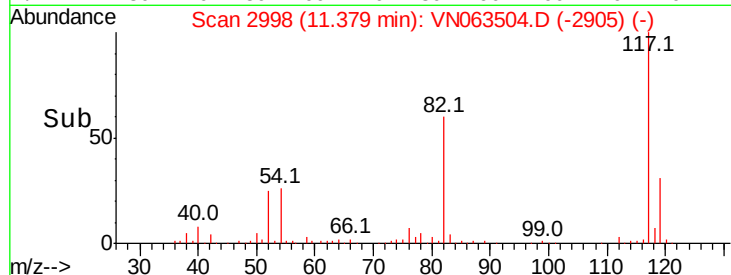
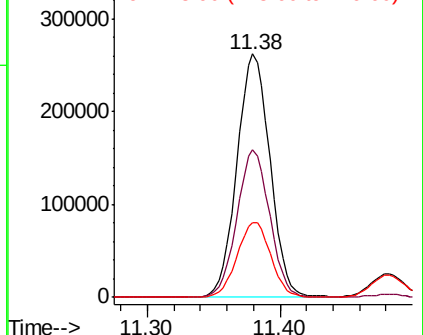
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion:117 Resp: 454260
Ion Ratio Lower Upper
117 100
82 60.4 49.2 73.8
119 30.9 26.2 39.4

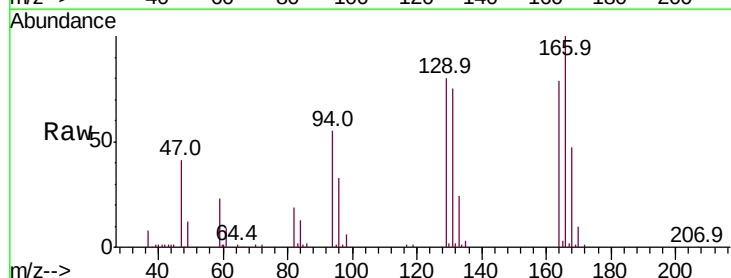


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

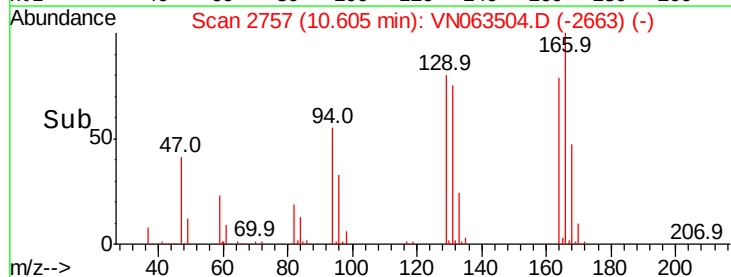
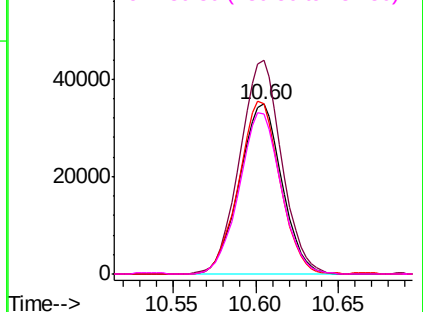


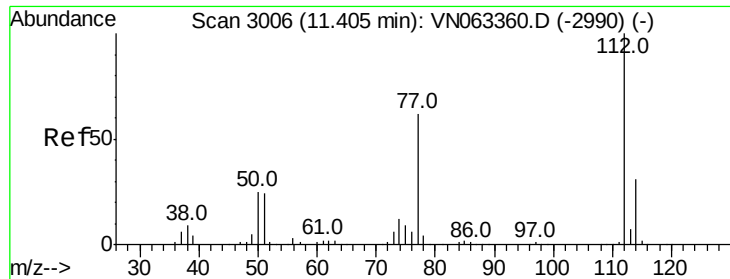
#64
Tetrachloroethene
Concen: 20.030 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion:164 Resp: 61957
Ion Ratio Lower Upper
164 100
166 125.9 103.4 155.0
129 100.1 81.8 122.6
131 94.0 78.2 117.4



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





#65

Chlorobenzene

Concen: 18.387 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampled :

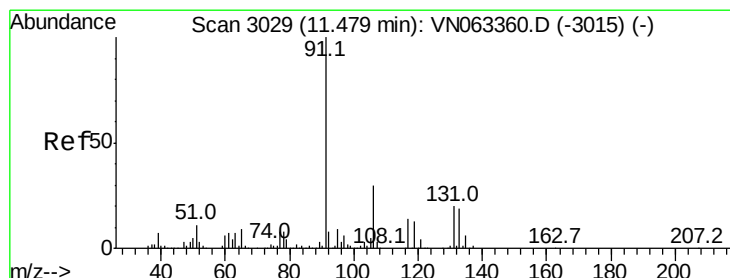
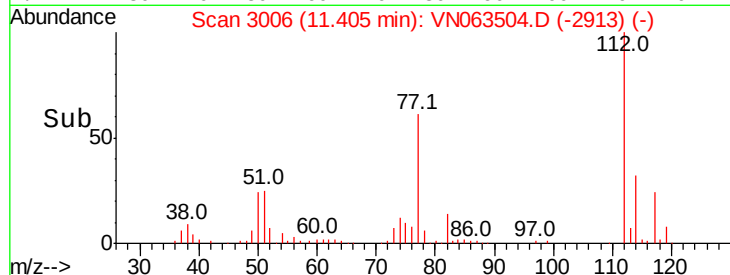
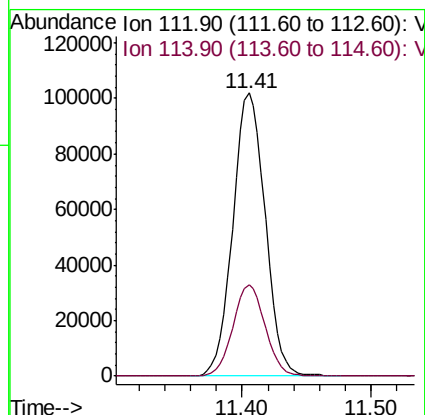
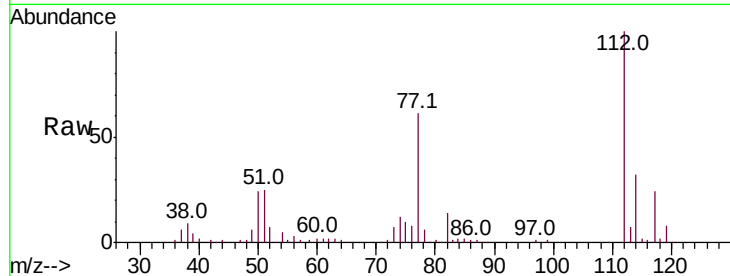
VN0921WBS02

Tot Ion:112 Resp: 177299

Ion Ratio Lower Upper

112 100

114 32.2 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 18.419 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

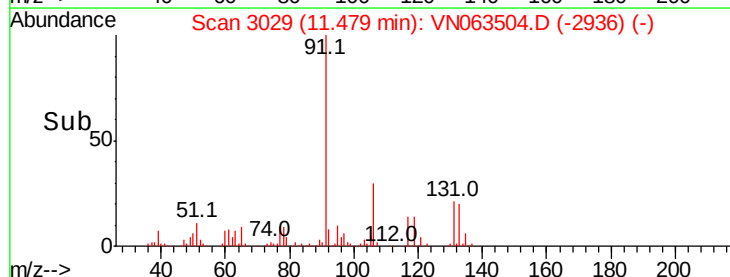
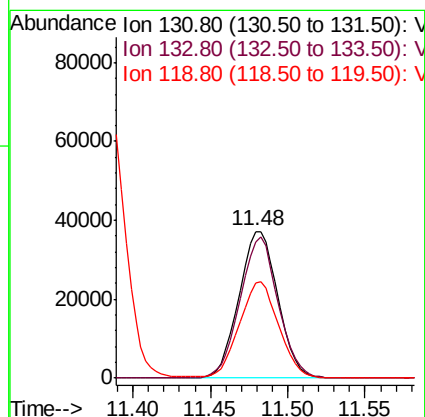
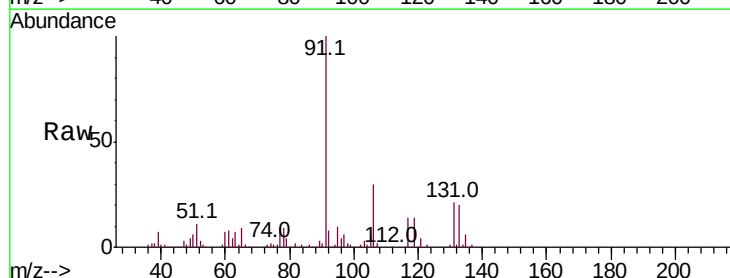
Tgt Ion:131 Resp: 65103

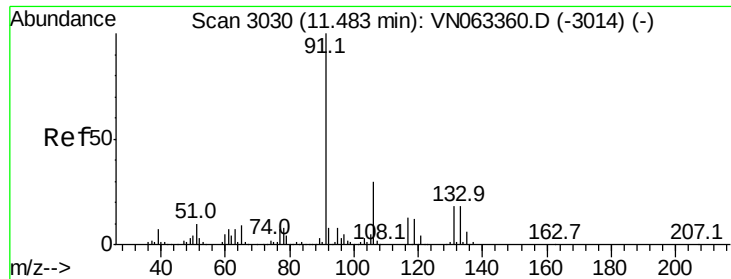
Ion Ratio Lower Upper

131 100

133 94.2 47.3 141.9

119 66.3 33.6 100.8





#67

Ethyl Benzene

Concen: 18.159 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampled :

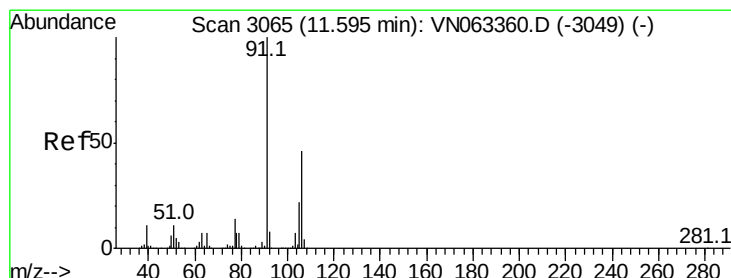
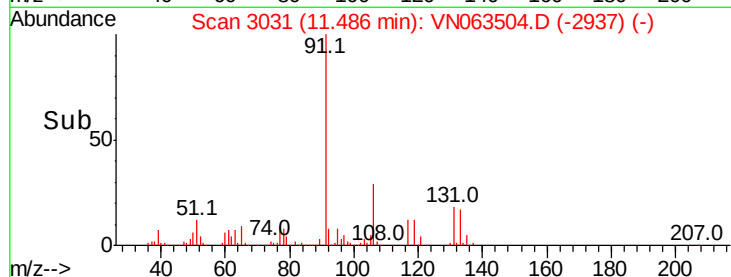
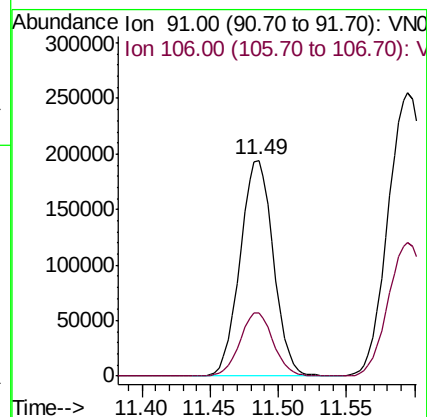
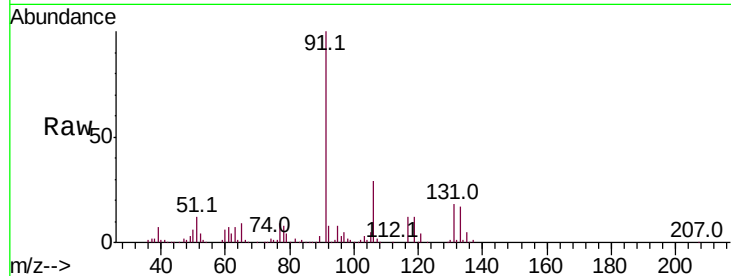
VN0921WBS02

Tot Ion: 91 Resp: 329754

Ion Ratio Lower Upper

91 100

106 29.4 23.8 35.6



#68

m/p-Xylenes

Concen: 36.202 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063504.D

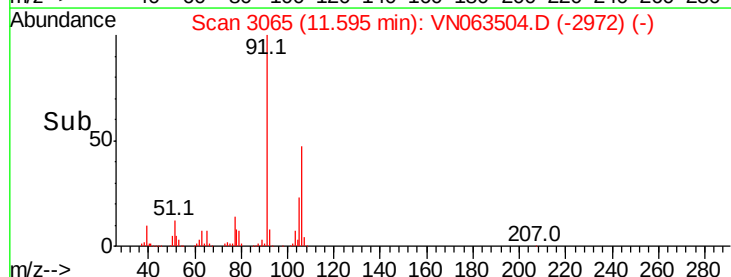
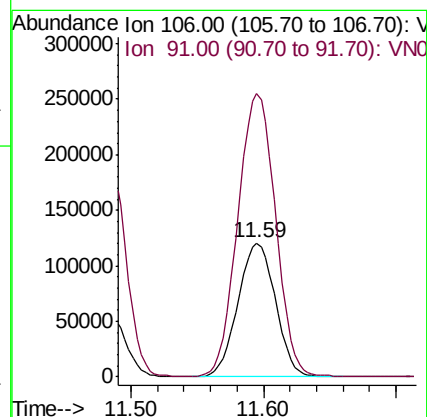
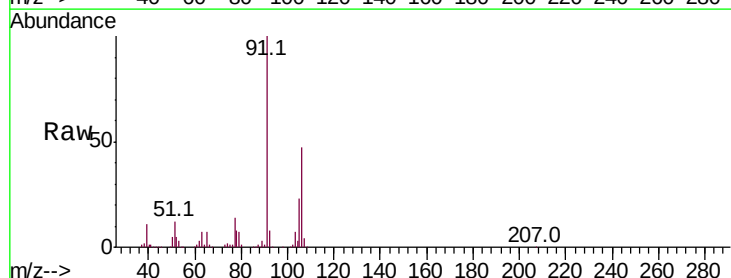
Acq: 21 Sep 2020 23:41

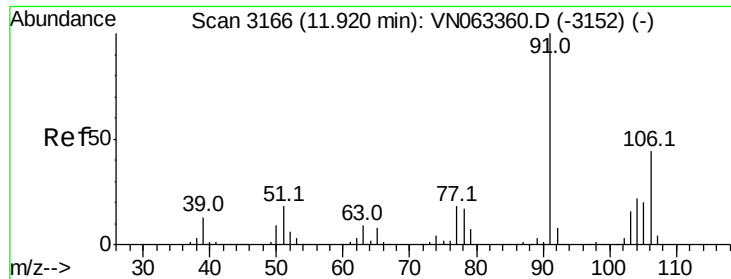
Tgt Ion: 106 Resp: 237025

Ion Ratio Lower Upper

106 100

91 212.8 171.2 256.8

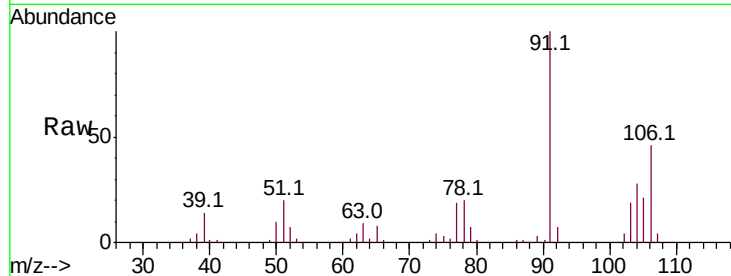




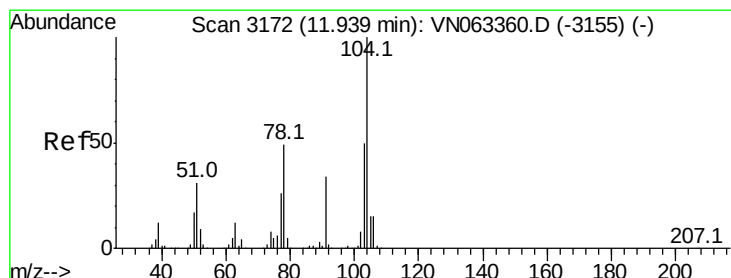
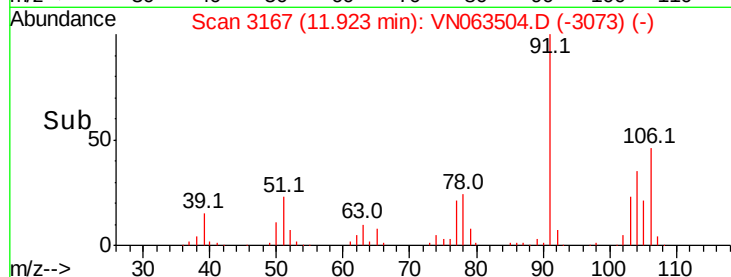
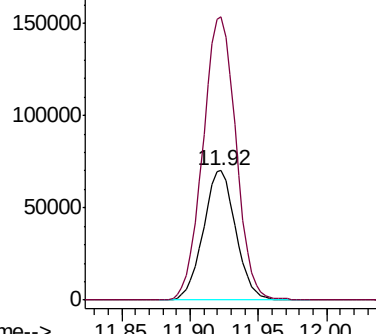
#69
o-Xylene
Concen: 18.566 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion:106 Resp: 115796
Ion Ratio Lower Upper
106 100
91 223.6 113.6 340.8

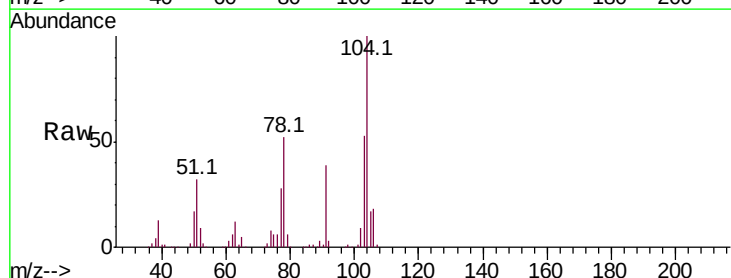


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

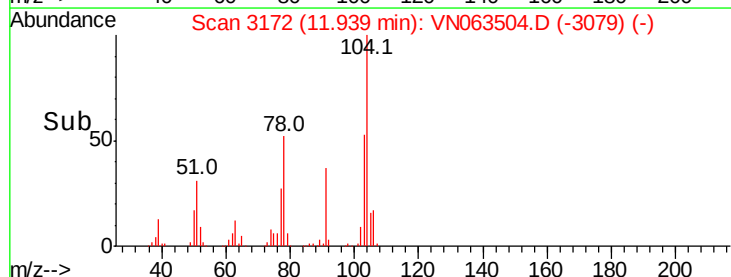
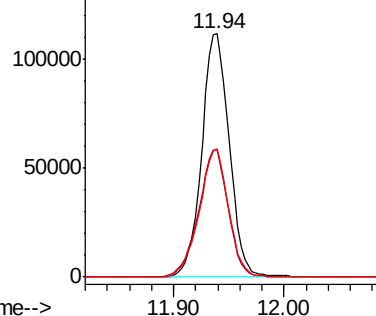


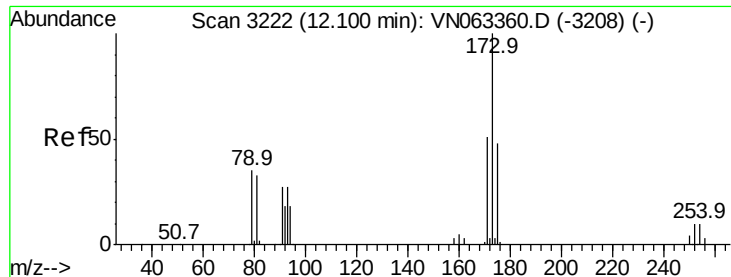
#70
Styrene
Concen: 18.443 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion:104 Resp: 192901
Ion Ratio Lower Upper
104 100
78 56.2 44.4 66.6
103 55.6 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.119 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

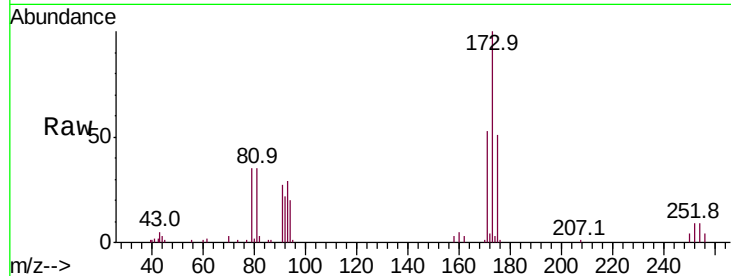
Tot Ion:173 Resp: 47711

Ion Ratio Lower Upper

173 100

175 51.2 24.0 72.0

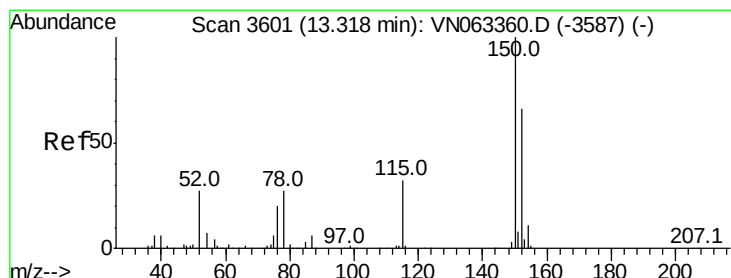
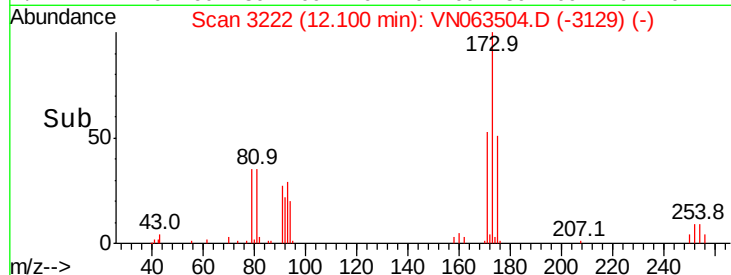
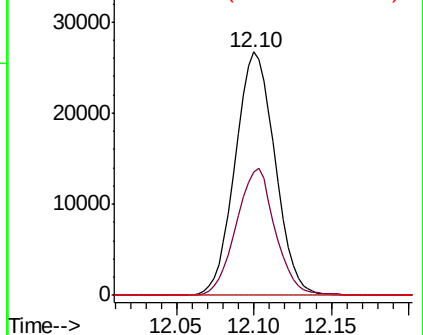
254 0.0 0.0 0.0



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: VN063504.D

Acq: 21 Sep 2020 23:41

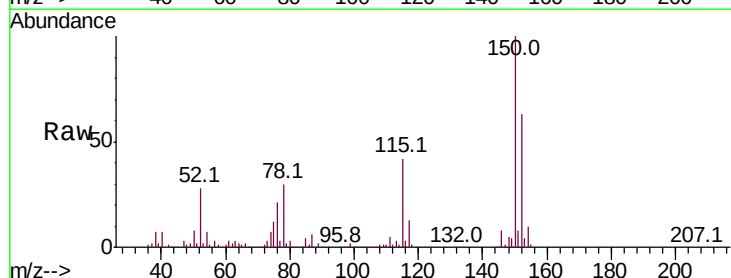
Tgt Ion:152 Resp: 205567

Ion Ratio Lower Upper

152 100

115 65.0 32.2 96.6

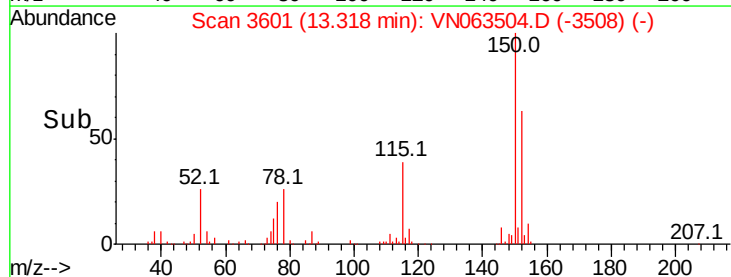
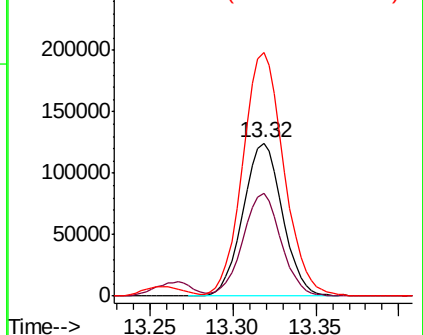
150 165.8 0.0 343.4

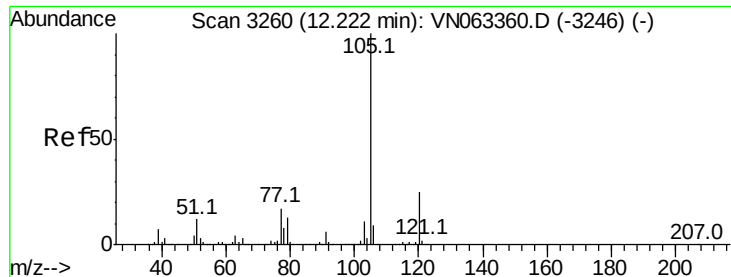


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.728 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

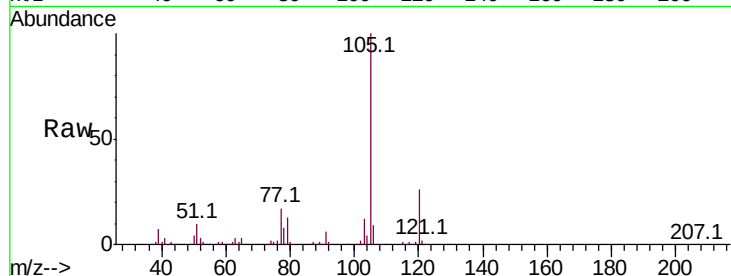
VN0921WBS02

Tot Ion:105 Resp: 308510

Ion Ratio Lower Upper

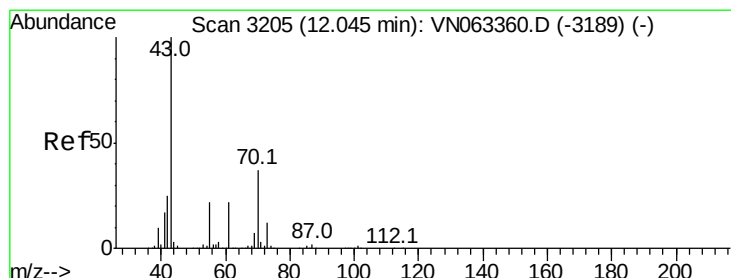
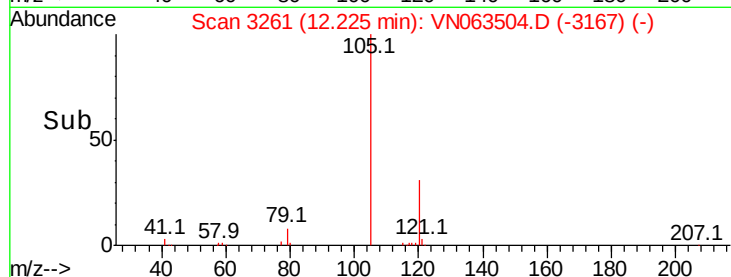
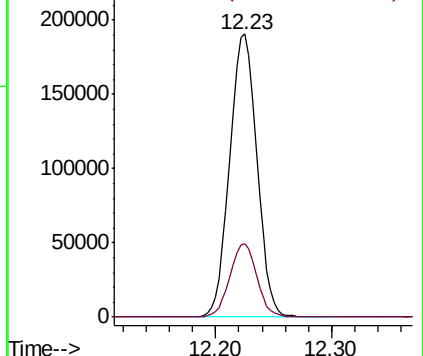
105 100

120 25.5 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.309 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Tgt Ion: 43 Resp: 142772

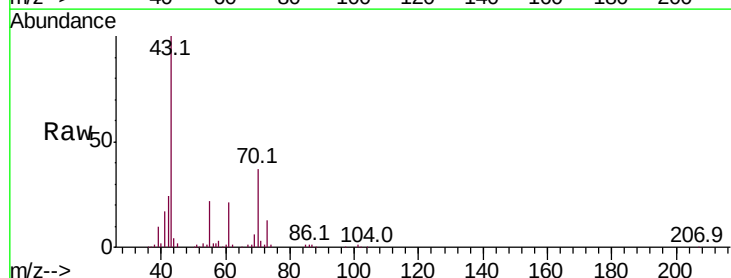
Ion Ratio Lower Upper

43 100

70 38.2 29.6 44.4

55 22.2 17.7 26.5

61 22.2 17.4 26.2

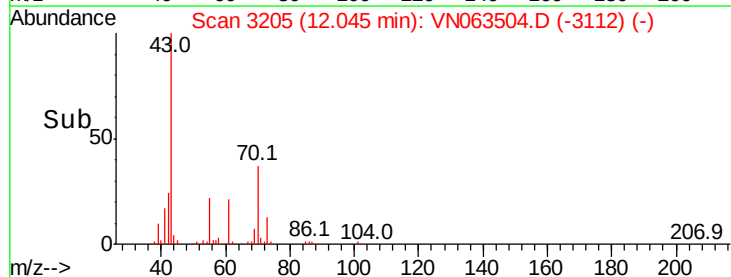
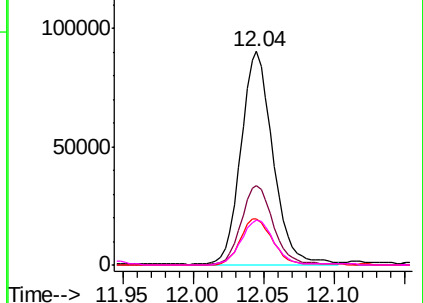


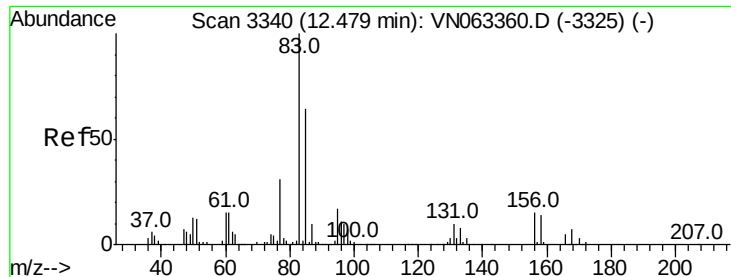
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.382 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

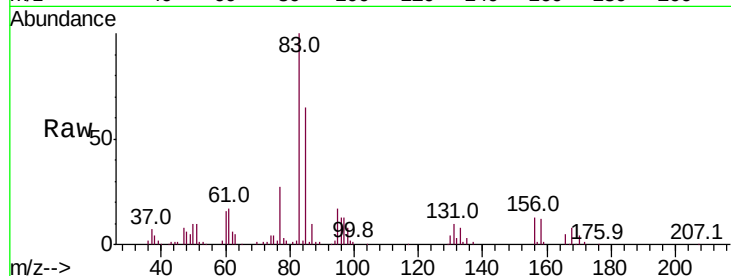
Tot Ion: 83 Resp: 98859

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

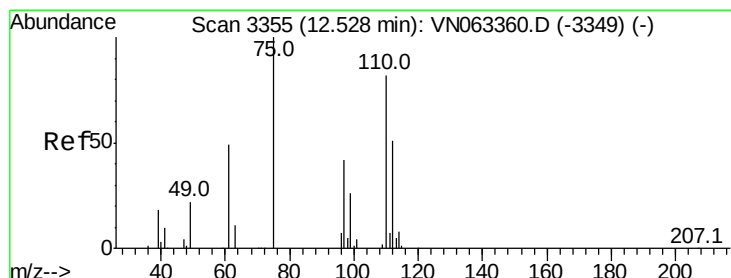
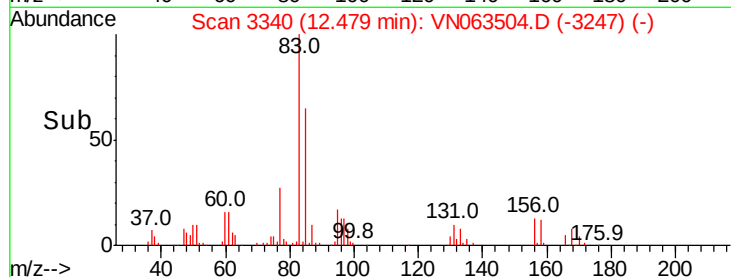
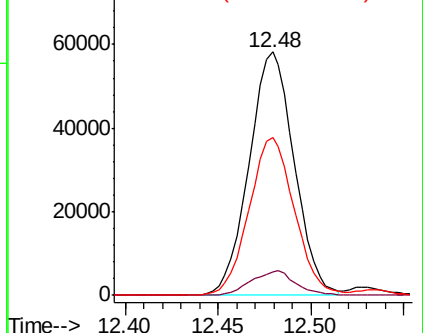
85 65.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.696 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063504.D

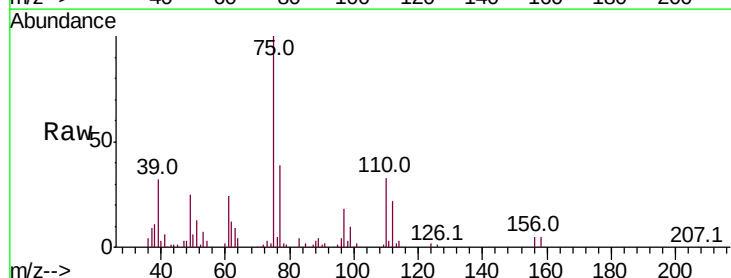
Acq: 21 Sep 2020 23:41

Tgt Ion: 75 Resp: 135830

Ion Ratio Lower Upper

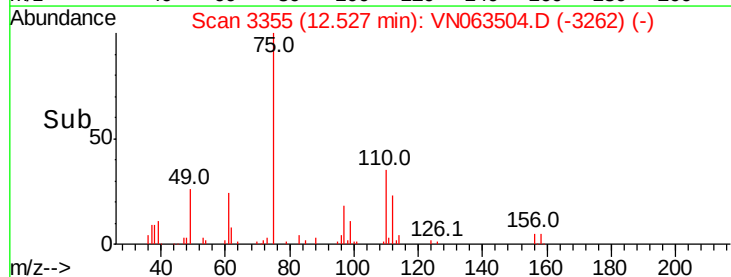
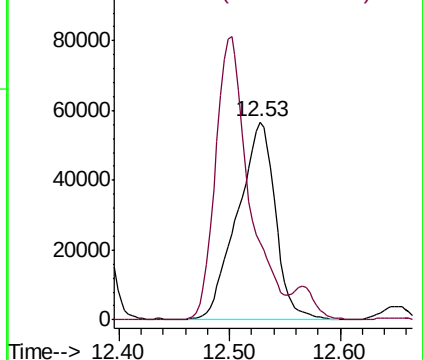
75 100

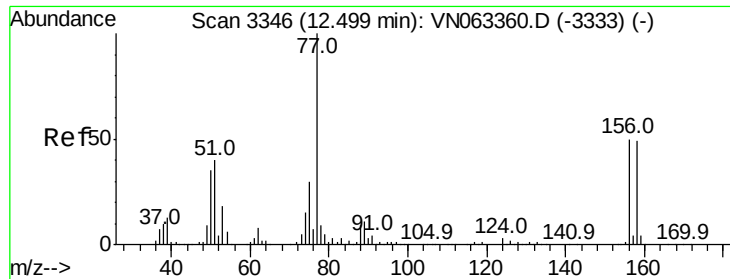
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.422 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampled :

VN0921WBS02

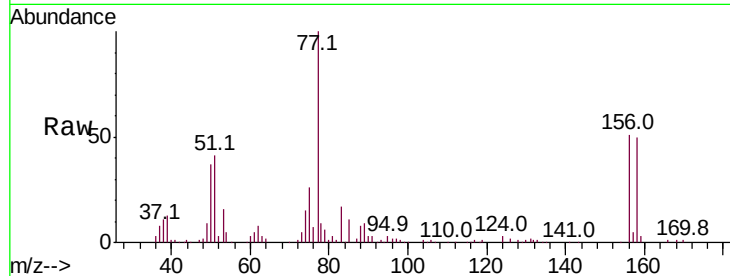
Tot Ion:156 Resp: 71969

Ion Ratio Lower Upper

156 100

77 237.2 120.2 360.6

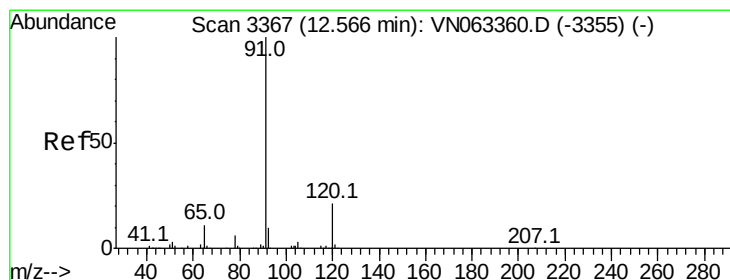
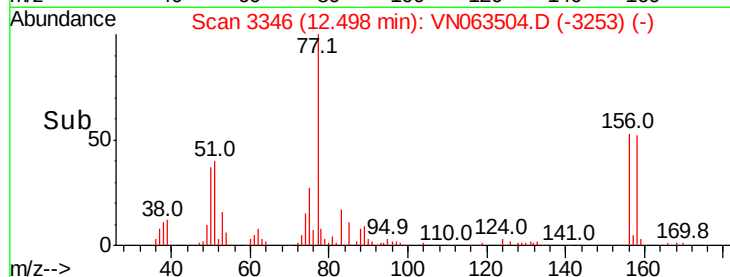
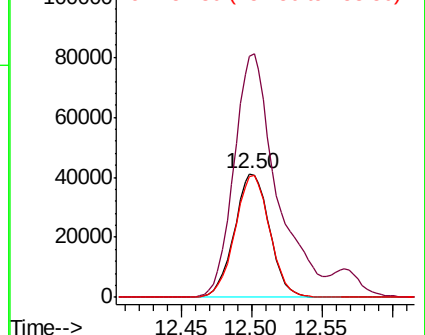
158 97.9 48.9 146.6



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: 18.547 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063504.D

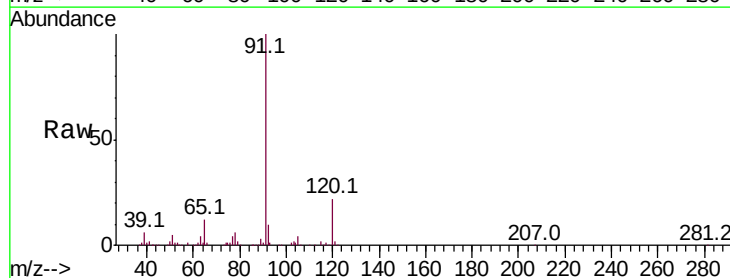
Acq: 21 Sep 2020 23:41

Tgt Ion: 91 Resp: 355847

Ion Ratio Lower Upper

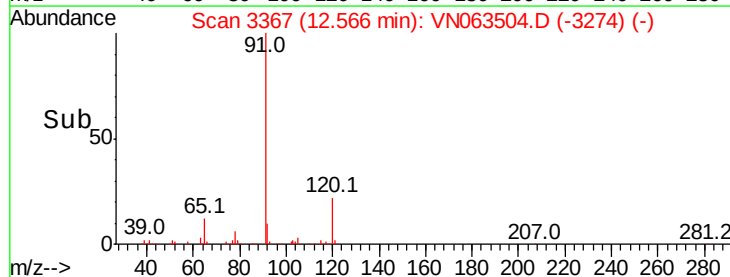
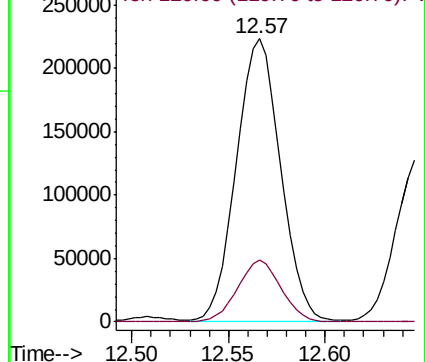
91 100

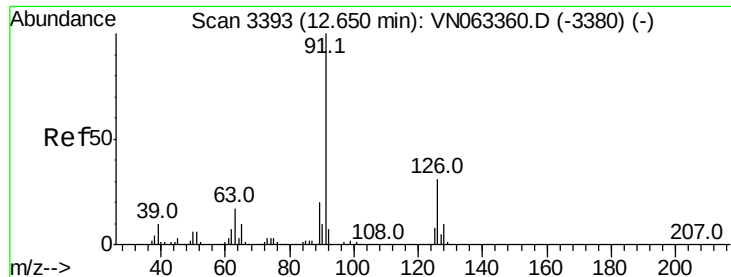
120 21.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.991 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

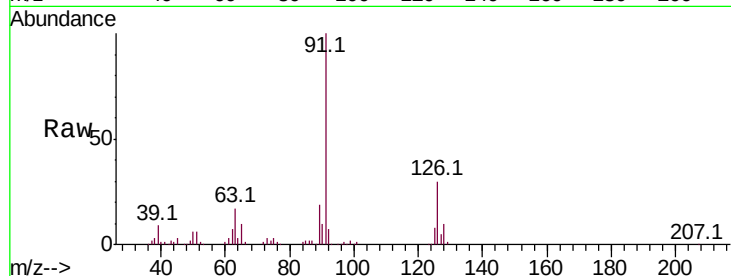
VN0921WBS02

Tot Ion: 91 Resp: 218426

Ion Ratio Lower Upper

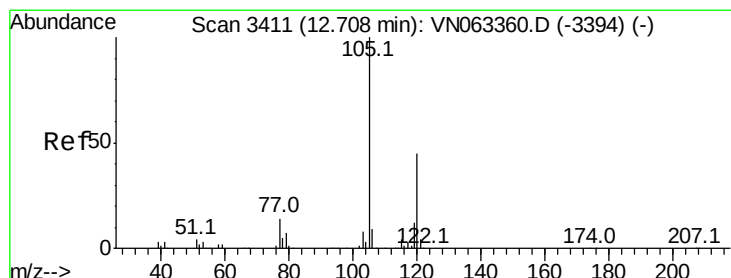
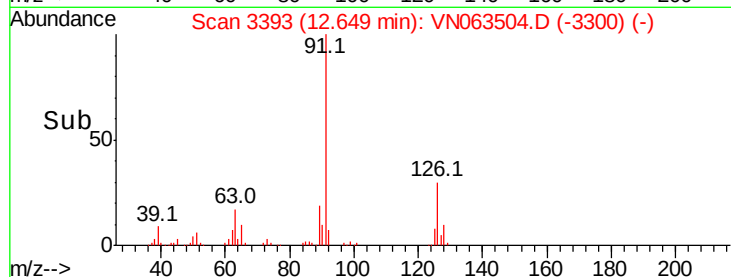
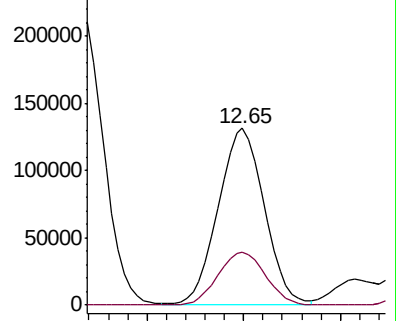
91 100

126 31.1 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063360.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.408 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063504.D

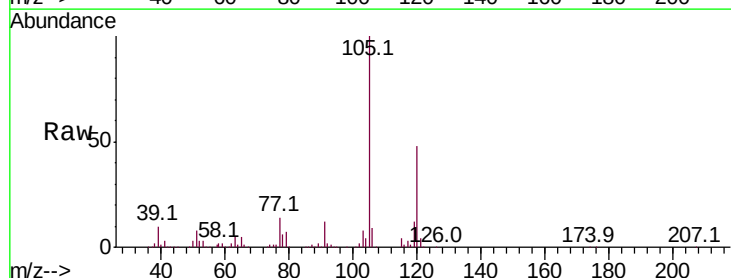
Acq: 21 Sep 2020 23:41

Tgt Ion: 105 Resp: 252856

Ion Ratio Lower Upper

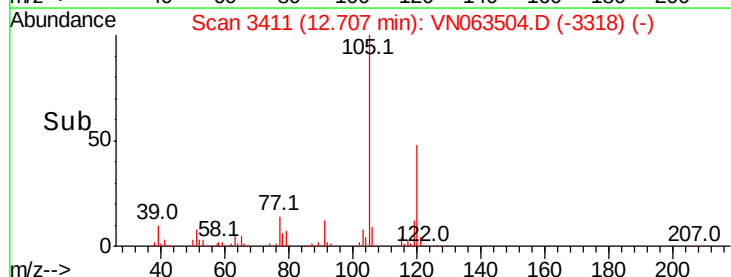
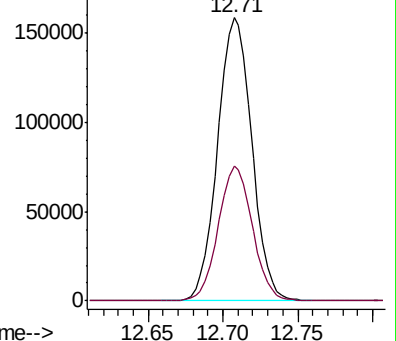
105 100

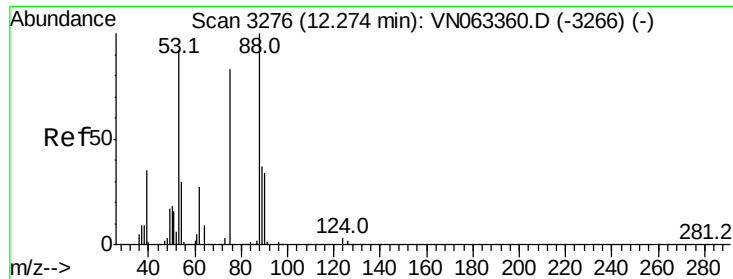
120 47.5 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN063360.D (-3394) (-)

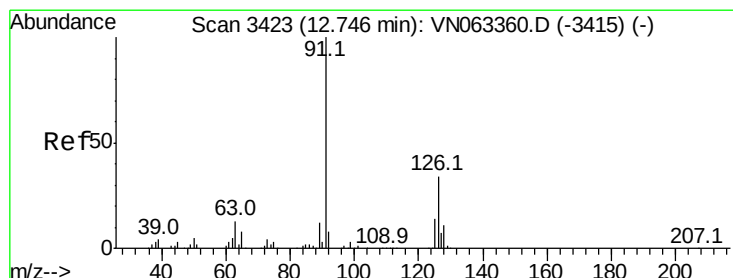
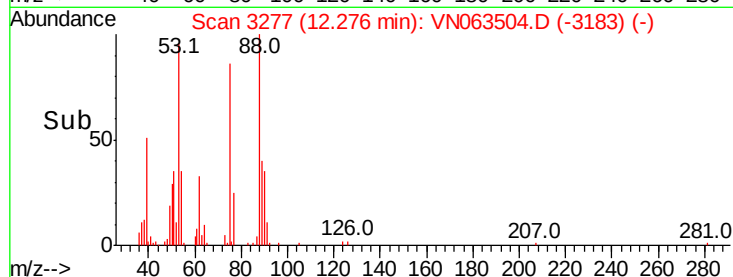
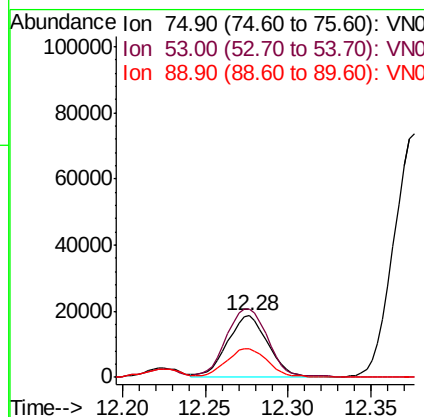
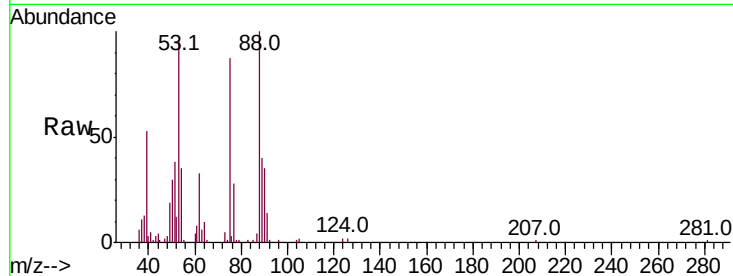




#81
trans-1,4-Dichloro-2-butene
Concen: 16.998 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

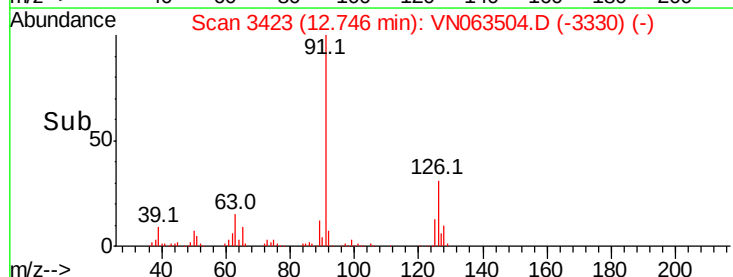
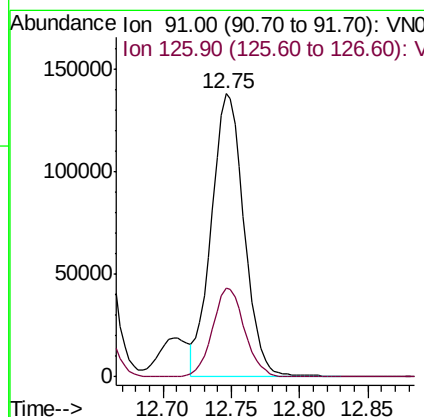
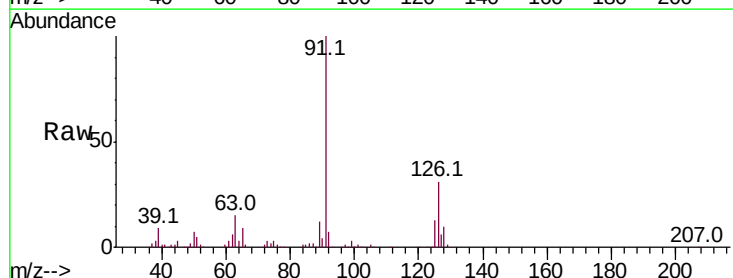
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

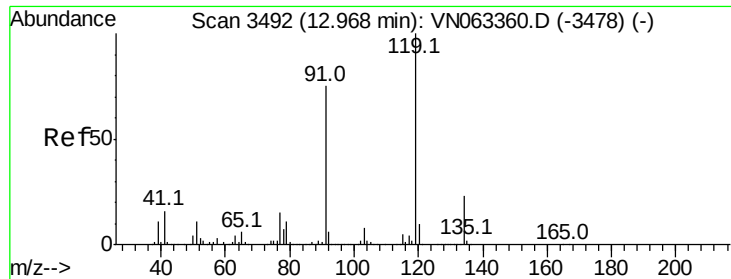
Tot Ion: 75 Resp: 31546
Ion Ratio Lower Upper
75 100
53 110.4 85.7 128.5
89 47.7 38.0 57.0



#82
4-Chlorotoluene
Concen: 18.737 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion: 91 Resp: 227697
Ion Ratio Lower Upper
91 100
126 30.6 15.5 46.5

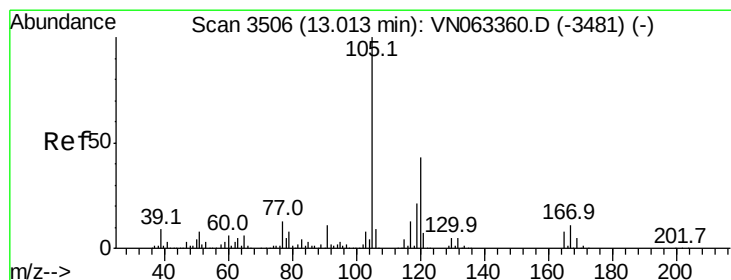
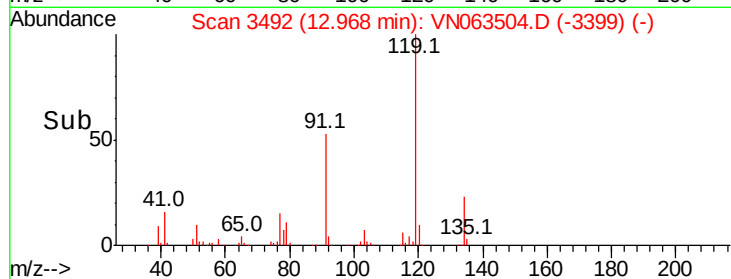
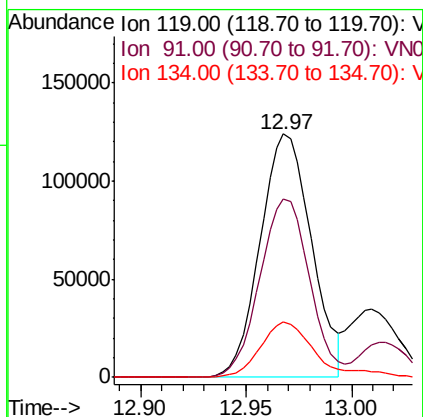
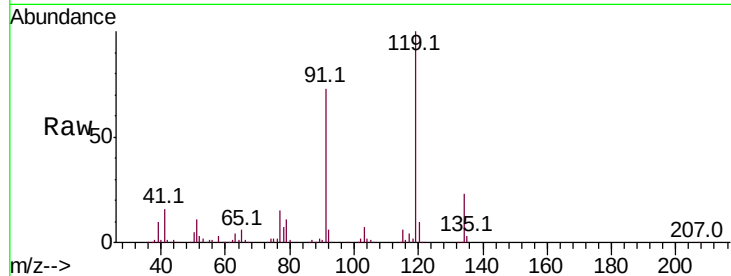




#83
 tert-Butylbenzene
 Concen: 18.507 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

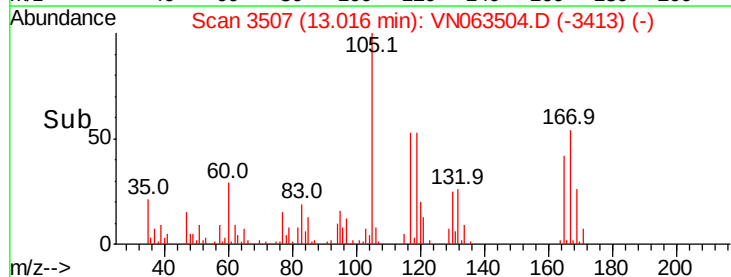
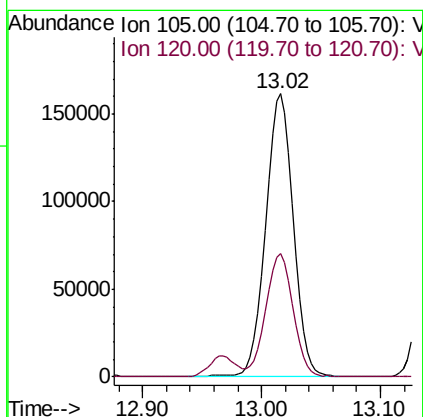
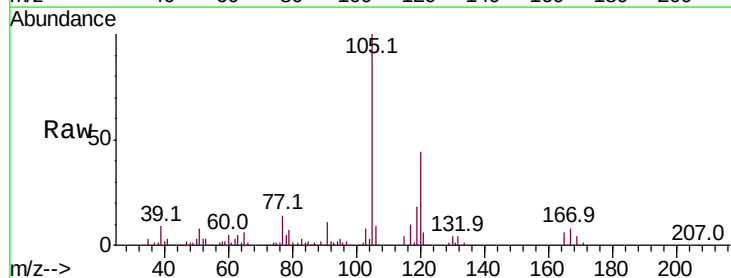
Instrument :
 MSVOA_N
 ClientSampled :
 VN0921WBS02

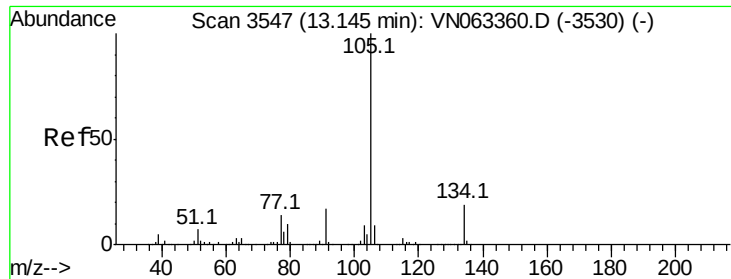
Tot Ion:119 Resp: 209822
 Ion Ratio Lower Upper
 119 100
 91 71.3 36.3 108.9
 134 24.5 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 18.720 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063504.D
 Acq: 21 Sep 2020 23:41

Tgt Ion:105 Resp: 259738
 Ion Ratio Lower Upper
 105 100
 120 42.3 21.3 63.9





#85

sec-Butylbenzene

Concen: 18.024 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

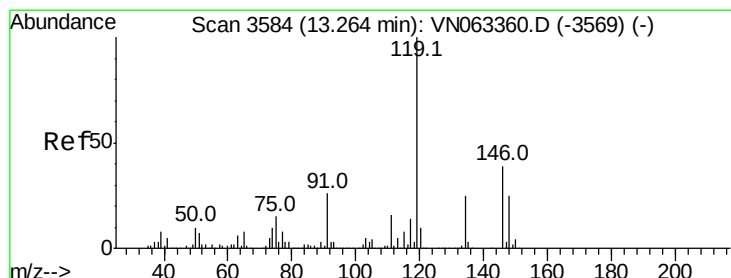
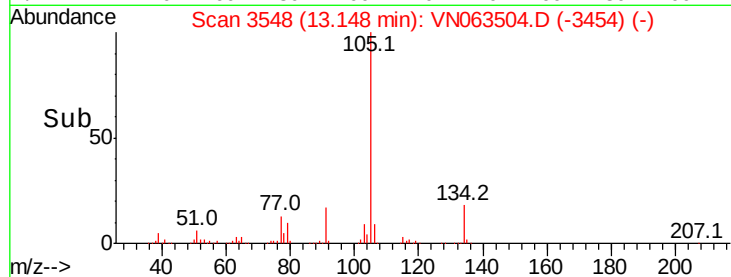
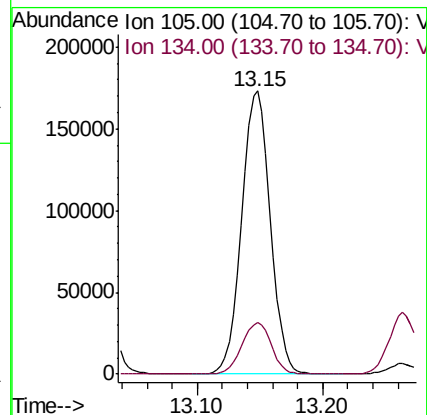
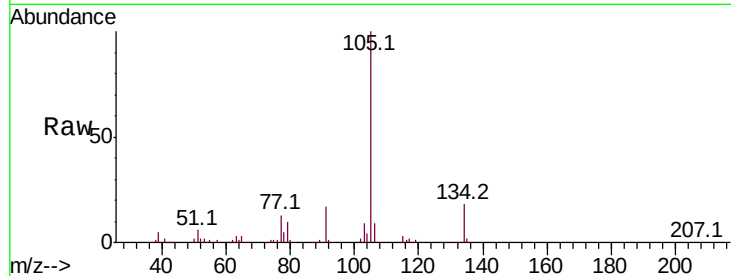
VN0921WBS02

Tot Ion:105 Resp: 273530

Ion Ratio Lower Upper

105 100

134 18.7 9.3 27.7



#86

p-Isopropyltoluene

Concen: 18.184 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

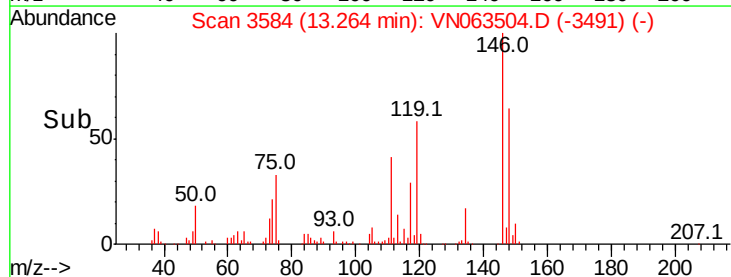
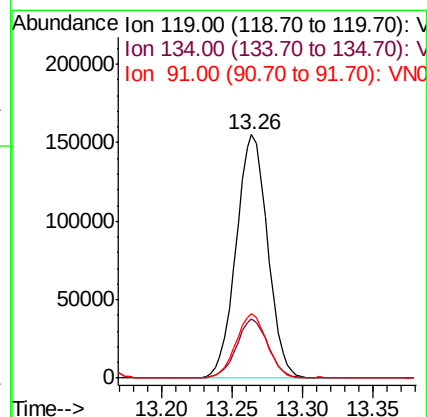
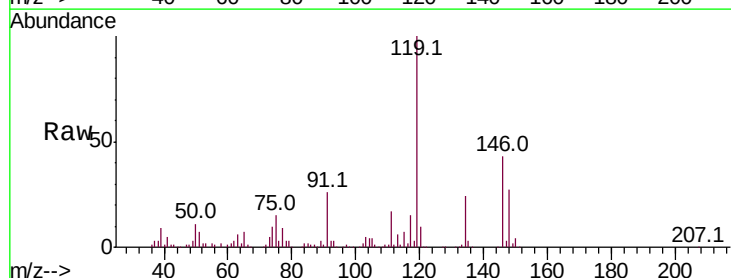
Tgt Ion:119 Resp: 243393

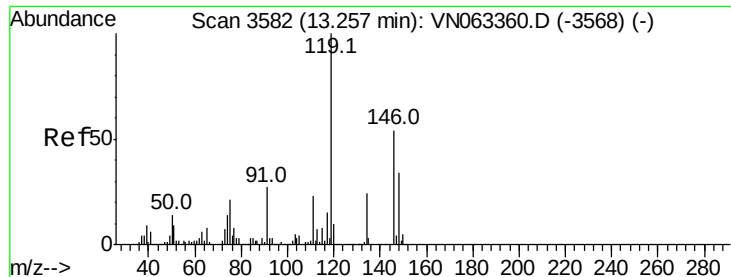
Ion Ratio Lower Upper

119 100

134 24.3 12.5 37.5

91 26.0 13.4 40.1





#87

1,3-Dichlorobenzene

Concen: 18.836 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

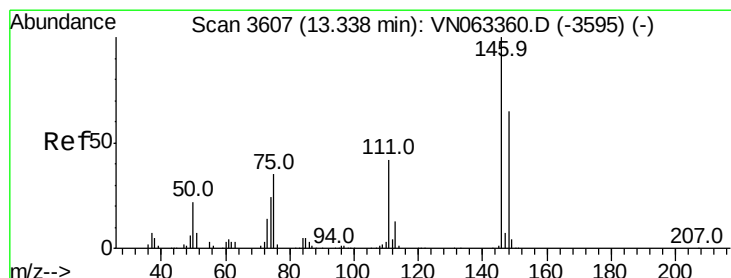
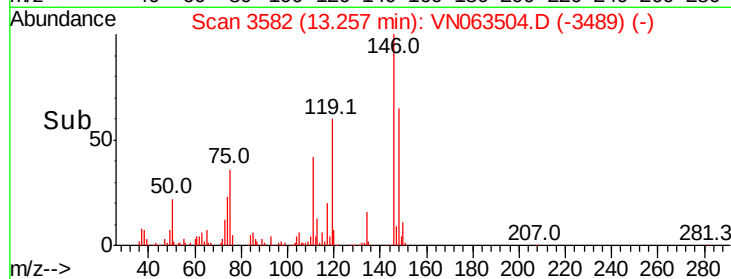
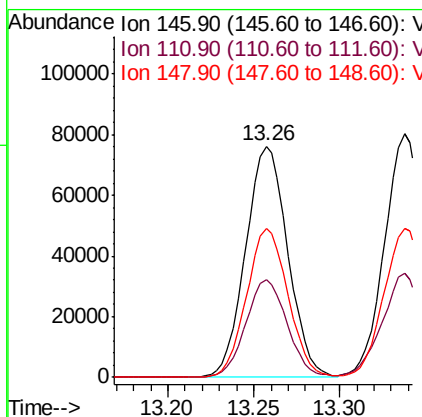
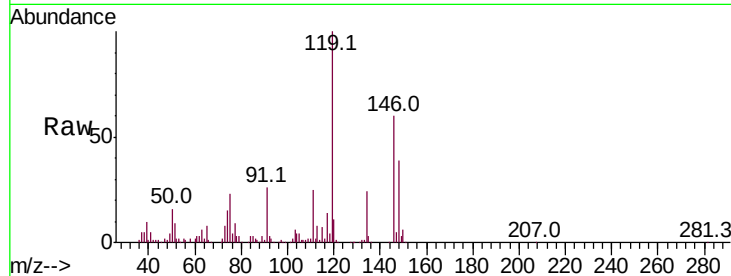
Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion:146 Resp: 129364

Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.4	64.3
148	63.5	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 18.533 ug/l

RT: 13.34 min Scan# 3607

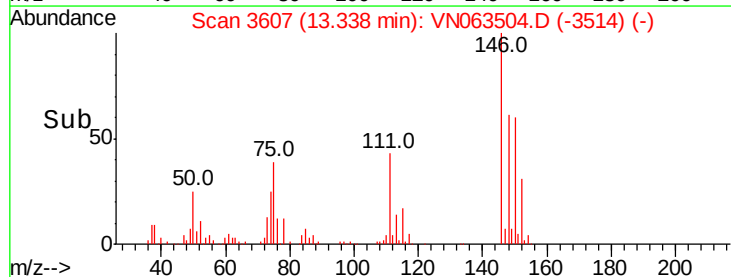
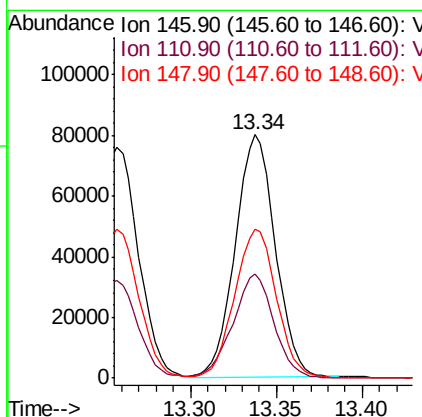
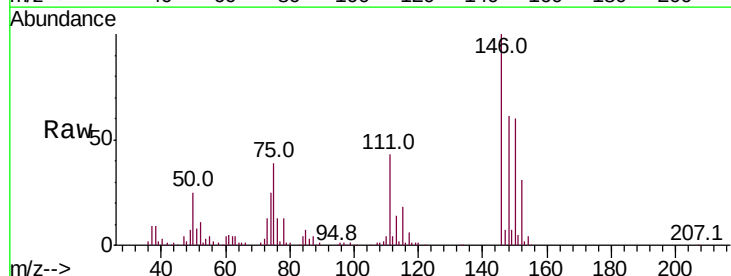
Delta R.T. -0.00 min

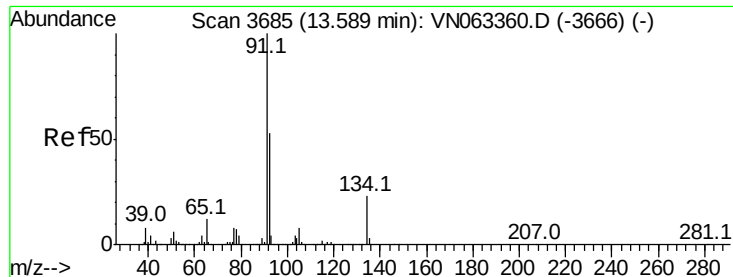
Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Tgt Ion:146 Resp: 129410

Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.2	63.6
148	64.4	31.9	95.9





#89

n-Butylbenzene

Concen: 17.317 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

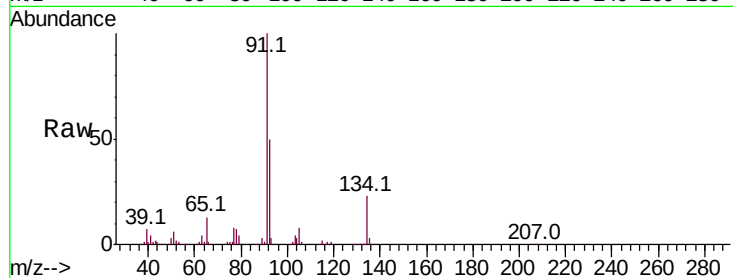
Tot Ion: 91 Resp: 213652

Ion Ratio Lower Upper

91 100

92 51.0 26.0 78.0

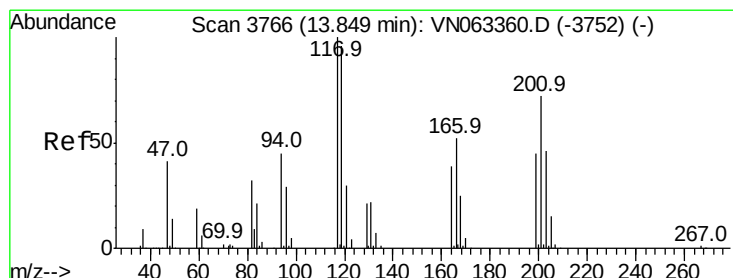
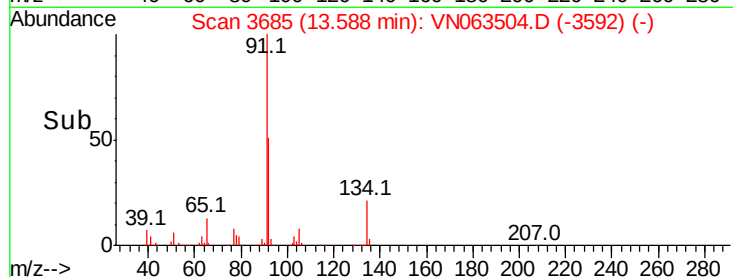
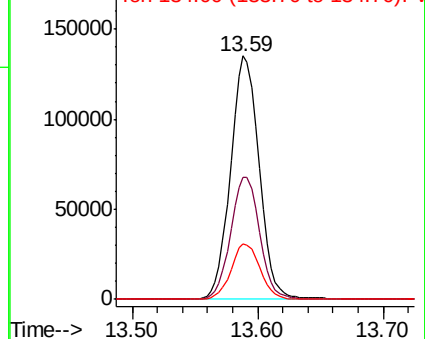
134 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3666) (-)

Ion 92.00 (91.70 to 92.70): VN063360.D (-3666) (-)

Ion 134.00 (133.70 to 134.70): VN063360.D (-3666) (-)



#90

Hexachloroethane

Concen: 16.561 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063504.D

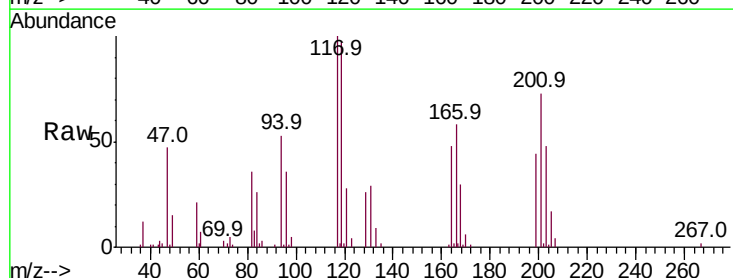
Acq: 21 Sep 2020 23:41

Tgt Ion: 117 Resp: 42209

Ion Ratio Lower Upper

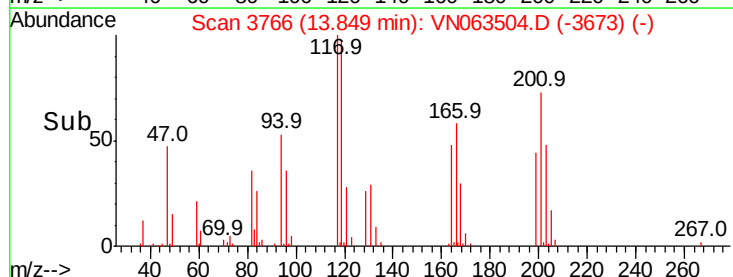
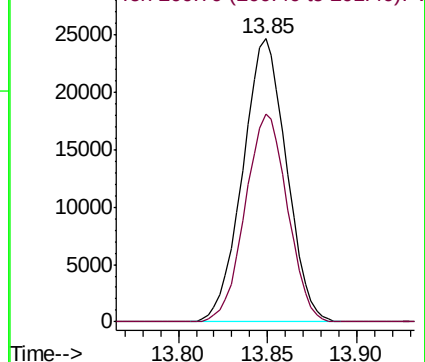
117 100

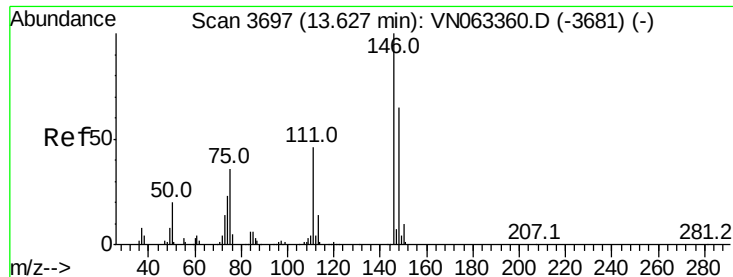
201 71.0 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN063360.D (-3752) (-)





#91

1,2-Dichlorobenzene

Concen: 19.042 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBS02

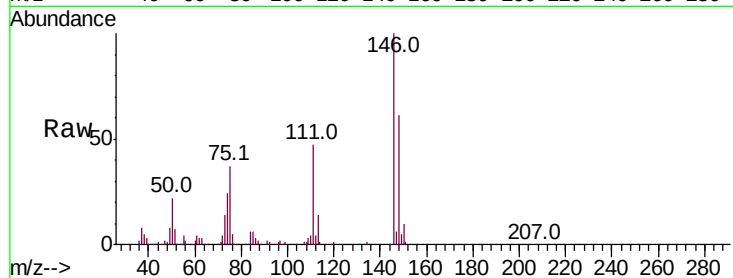
Tot Ion:146 Resp: 128397

Ion Ratio Lower Upper

146 100

111 46.3 22.4 67.2

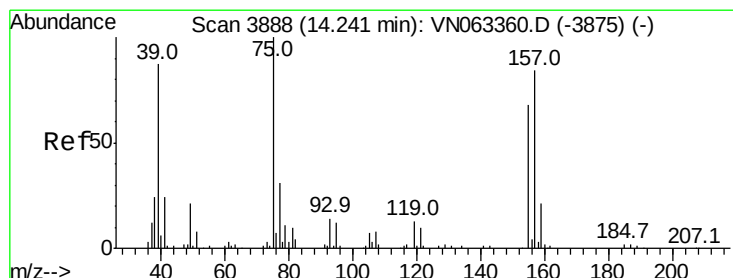
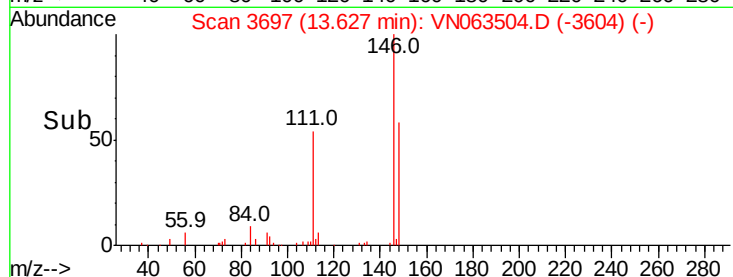
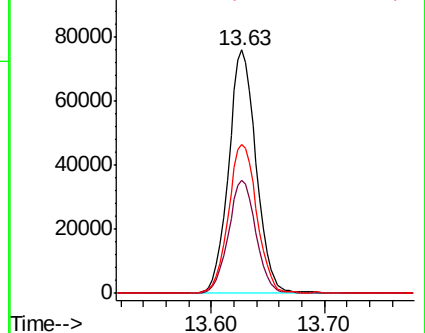
148 63.3 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.683 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

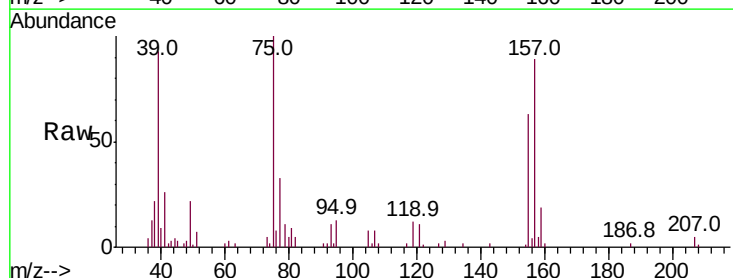
Tgt Ion: 75 Resp: 22692

Ion Ratio Lower Upper

75 100

155 66.3 34.6 103.9

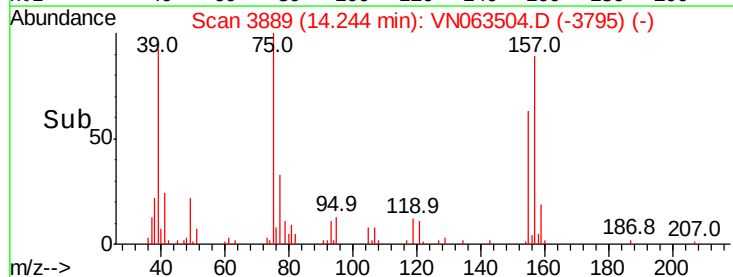
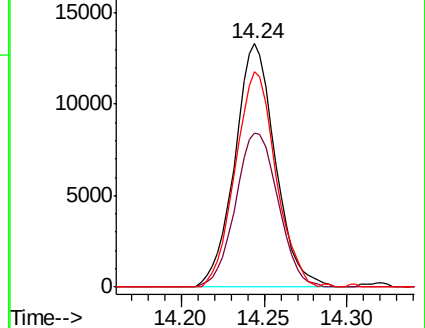
157 88.0 43.7 131.1

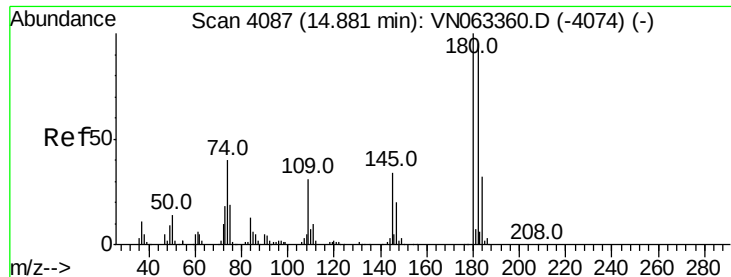


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 17.354 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

Instrument :

MSVOA_N

ClientSampled :

VN0921WBS02

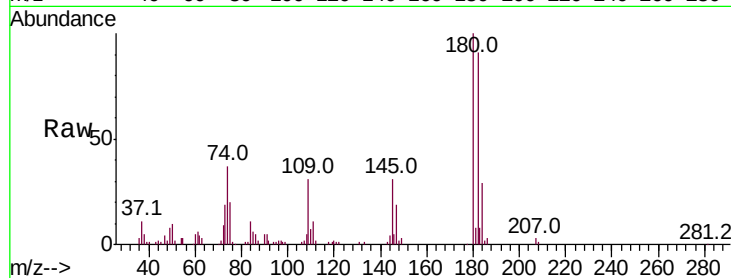
Tot Ion:180 Resp: 68983

Ion Ratio Lower Upper

180 100

182 97.2 47.3 142.0

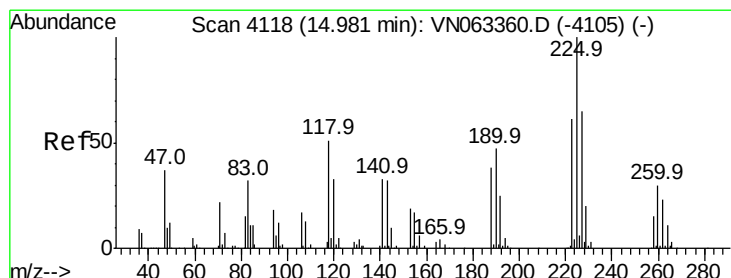
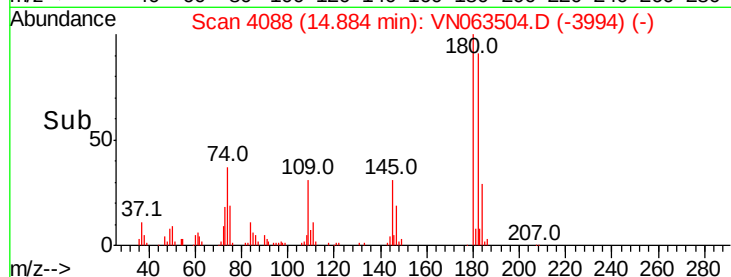
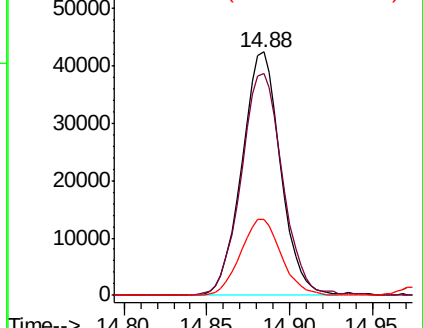
145 32.6 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.196 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063504.D

Acq: 21 Sep 2020 23:41

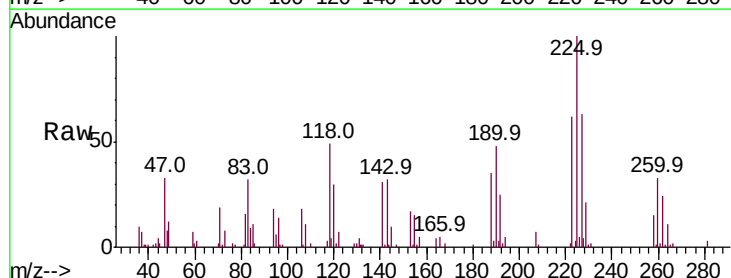
Tgt Ion:225 Resp: 31590

Ion Ratio Lower Upper

225 100

223 61.9 30.6 91.6

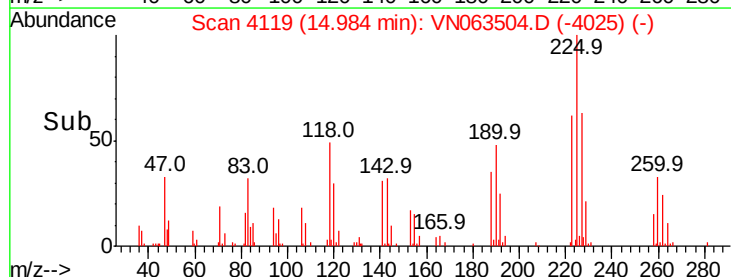
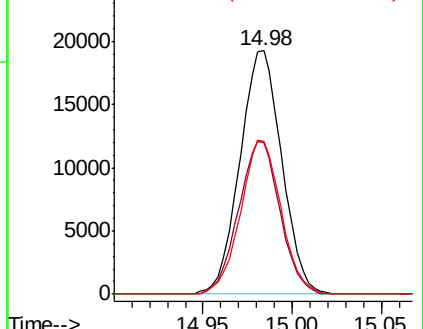
227 61.0 31.2 93.6

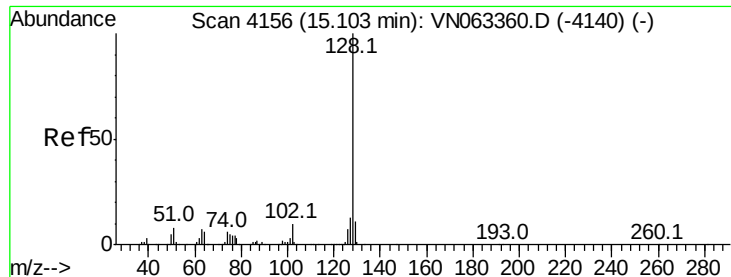


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

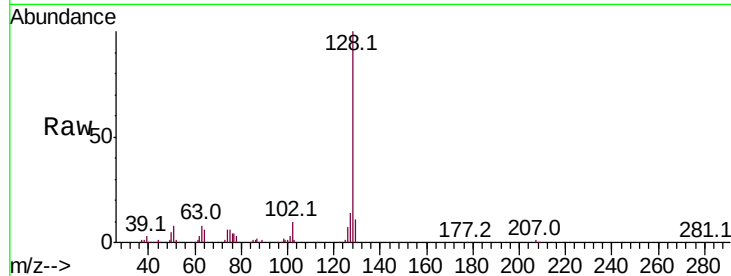




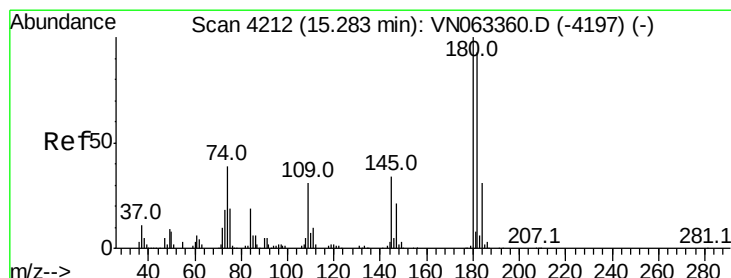
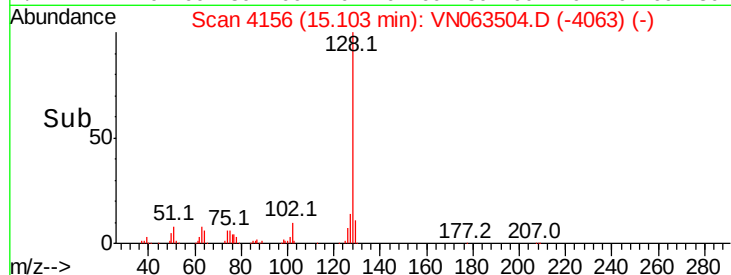
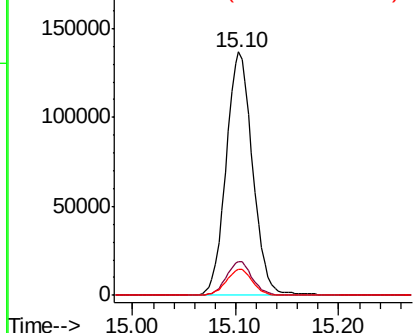
#95
Naphthalene
Concen: 18.644 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBS02

Tot Ion:128 Resp: 244850
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 10.7 8.8 13.2

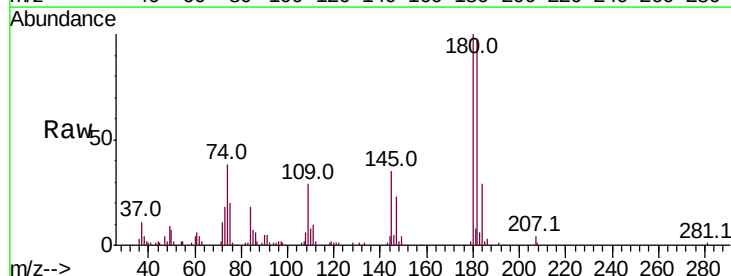


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.096 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063504.D
Acq: 21 Sep 2020 23:41

Tgt Ion:180 Resp: 69503
Ion Ratio Lower Upper
180 100
182 97.0 46.7 140.1
145 34.5 16.8 50.3



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

