

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091820\
 Data File : VN063451.D
 Acq On : 18 Sep 2020 12:38
 Operator : JC/MD
 Sample : VN0918WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD01

Quant Time: Sep 21 01:33:45 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	7.62	168	283458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	482451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	440779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	205710	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	215683	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
35) Dibromofluoromethane	7.55	113	153422	45.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.88%	
50) Toluene-d8	10.06	98	584932	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
62) 4-Bromofluorobenzene	12.38	95	219422	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	56316	17.537	ug/l	97
3) Chloromethane	2.04	50	67813	15.963	ug/l	99
4) Vinyl Chloride	2.16	62	66428	17.649	ug/l	98
5) Bromomethane	2.54	94	44052	19.712	ug/l	98
6) Chloroethane	2.68	64	40316	17.450	ug/l	95
7) Trichlorofluoromethane	2.99	101	103827	18.489	ug/l	98
8) Diethyl Ether	3.37	74	40634	18.562	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	57881	18.328	ug/l	98
10) Methyl Iodide	3.92	142	74659	18.158	ug/l	99
11) Tert butyl alcohol	4.72	59	57626	86.207	ug/l	99
12) 1,1-Dichloroethene	3.70	96	55489	17.347	ug/l	96
13) Acrolein	3.57	56	26728	107.895	ug/l	96
14) Allyl chloride	4.28	41	97229	15.367	ug/l	87
15) Acrylonitrile	4.93	53	150285	88.385	ug/l	99
16) Acetone	3.77	43	135362	87.289	ug/l	98
17) Carbon Disulfide	4.01	76	154507	16.606	ug/l	100
18) Methyl Acetate	4.28	43	72085	18.311	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	211138	17.710	ug/l	98
20) Methylene Chloride	4.50	84	70320	17.898	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	61056	17.228	ug/l	91
22) Diisopropyl ether	5.90	45	229043	17.749	ug/l	99
23) Vinyl Acetate	5.84	43	957313	90.330	ug/l	99
24) 1,1-Dichloroethane	5.80	63	124250	17.636	ug/l	99
25) 2-Butanone	6.78	43	205827	86.300	ug/l	97
26) 2,2-Dichloropropane	6.78	77	103373	16.665	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	72085	17.970	ug/l	97
28) Bromochloromethane	7.15	49	60543	18.612	ug/l	98
29) Tetrahydrofuran	7.17	42	139266	85.497	ug/l	98
30) Chloroform	7.33	83	126784	17.937	ug/l	98
31) Cyclohexane	7.61	56	112517	16.884	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	110398	17.560	ug/l	99
36) 1,1-Dichloropropene	7.75	75	90747	17.656	ug/l	99
37) Ethyl Acetate	6.88	43	89332	17.709	ug/l #	96
38) Carbon Tetrachloride	7.73	117	94069	17.929	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	97894	17.549	ug/l	95
40) Benzene	8.00	78	267558	18.236	ug/l	99
41) Methacrylonitrile	7.12	41	37811	16.665	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	111533	18.902	ug/l	99
43) Isopropyl Acetate	8.13	43	156457	17.345	ug/l	99
44) Trichloroethene	8.80	130	67979	19.102	ug/l	97
45) 1,2-Dichloropropane	9.08	63	75301	18.844	ug/l	98
46) Dibromomethane	9.17	93	49799	18.960	ug/l	98
47) Bromodichloromethane	9.37	83	101639	18.627	ug/l	97
48) Methyl methacrylate	9.17	41	78302	17.669	ug/l	98
49) 1,4-Dioxane	9.16	88	22071	347.045	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	467173	92.513	ug/l	100
52) Toluene	10.13	92	169179	19.178	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	110795	18.189	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	118068	18.376	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	67897	19.377	ug/l	98
56) Ethyl methacrylate	10.40	69	99686	18.224	ug/l	99
57) 1,3-Dichloropropane	10.68	76	115734	18.316	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	259041	90.274	ug/l	98
59) 2-Hexanone	10.72	43	337119	92.149	ug/l	99
60) Dibromochloromethane	10.87	129	73946	18.680	ug/l	98
61) 1,2-Dibromoethane	10.98	107	69429	19.072	ug/l	100
64) Tetrachloroethene	10.60	164	60745	20.239	ug/l	97
65) Chlorobenzene	11.41	112	174190	18.617	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	65171	19.002	ug/l	99
67) Ethyl Benzene	11.48	91	323300	18.348	ug/l	99
68) m/p-Xylenes	11.59	106	236189	37.178	ug/l	99
69) o-Xylene	11.92	106	116715	19.286	ug/l	97
70) Styrene	11.94	104	193522	19.068	ug/l	99
71) Bromoform	12.10	173	47131	18.446	ug/l #	98
73) Isopropylbenzene	12.23	105	308518	18.716	ug/l	99
74) N-amyl acetate	12.05	43	137912	17.674	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	94755	18.564	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	127187	24.980	ug/l #	100
77) Bromobenzene	12.50	156	72893	19.658	ug/l	95
78) n-propylbenzene	12.57	91	366199	19.073	ug/l	99
79) 2-Chlorotoluene	12.65	91	217890	18.932	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	261266	19.007	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	32163	17.318	ug/l	97
82) 4-Chlorotoluene	12.75	91	225650	18.556	ug/l	99
83) tert-Butylbenzene	12.97	119	211136	18.610	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	264879	19.077	ug/l	100
85) sec-Butylbenzene	13.15	105	287363	18.923	ug/l	99
86) p-Isopropyltoluene	13.26	119	254872	19.028	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	129193	18.798	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	134299	19.220	ug/l	99
89) n-Butylbenzene	13.59	91	228999	18.548	ug/l	99
90) Hexachloroethane	13.85	117	44239	17.345	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	128812	19.090	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21518	17.704	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

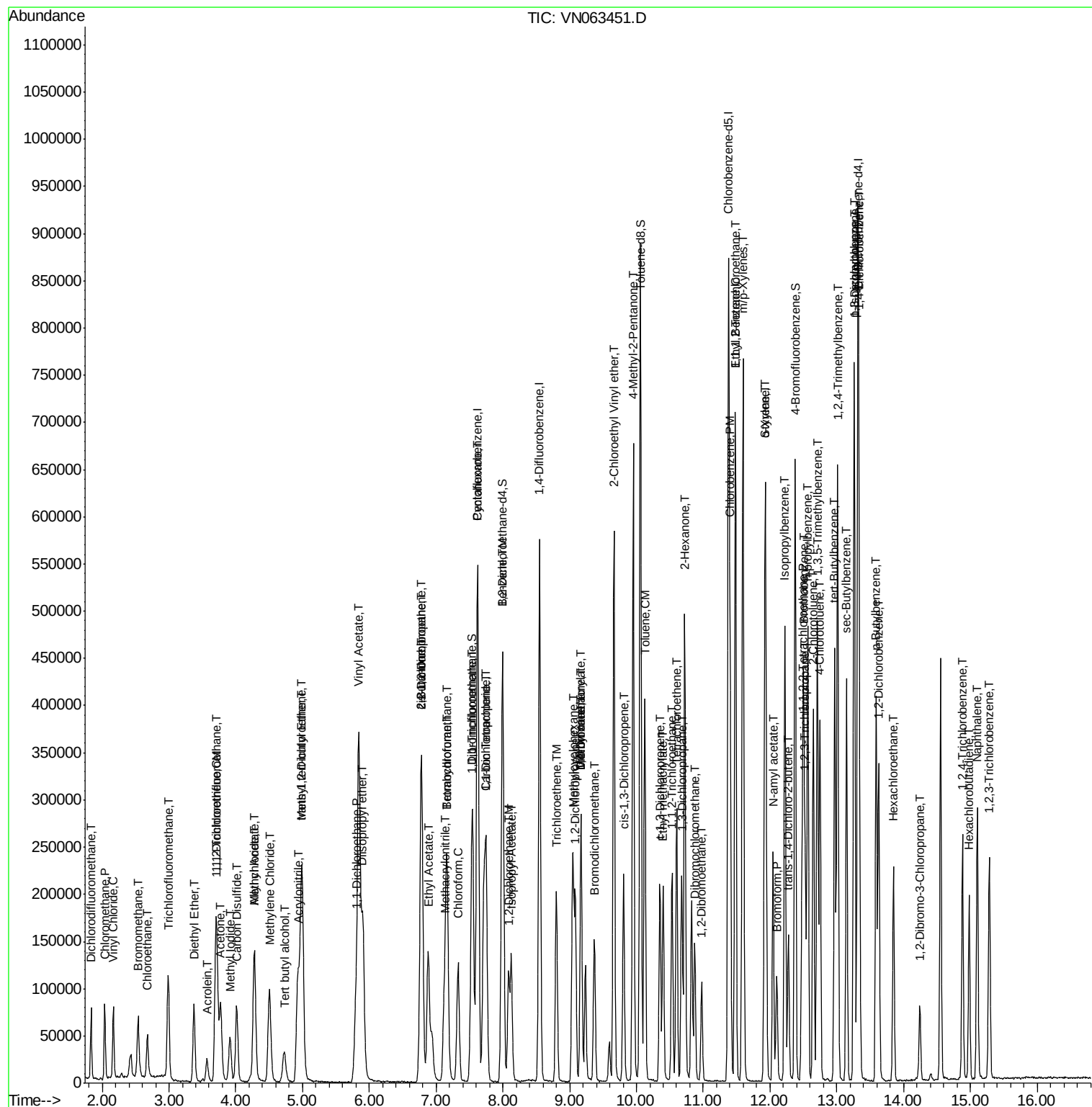
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	73395	18.451	ug/l	99
94) Hexachlorobutadiene	14.98	225	32023	19.445	ug/l	99
95) Naphthalene	15.10	128	237991	18.109	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	69903	18.187	ug/l	98

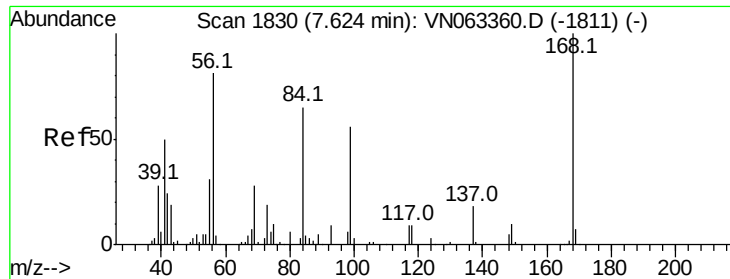
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091820\
Data File : VN063451.D
Acq On : 18 Sep 2020 12:38
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

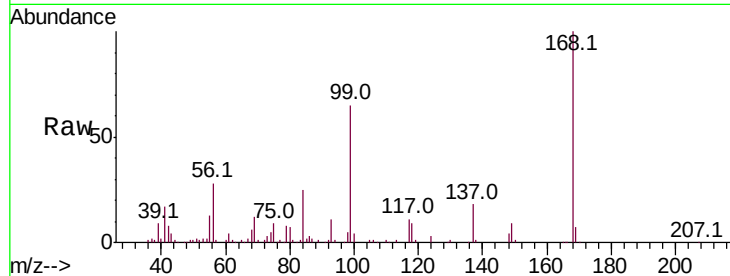
VN0918WBSD01

Tot Ion:168 Resp: 283458

Ion Ratio Lower Upper

168 100

99 64.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

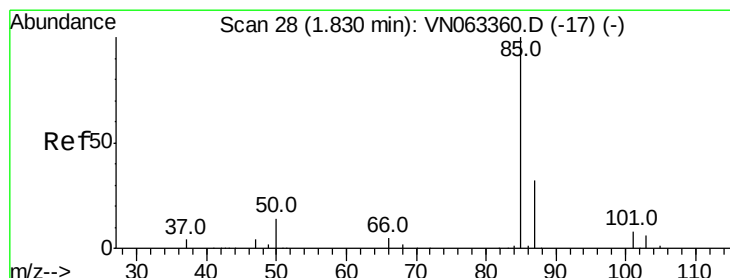
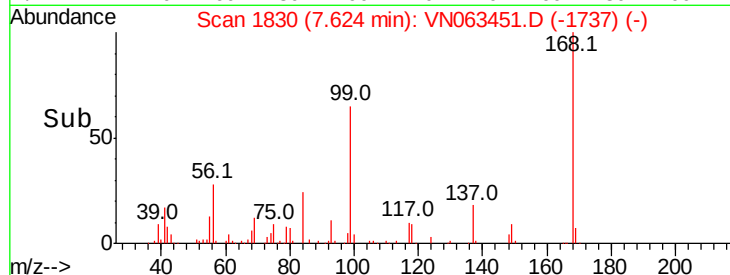
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.537 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063451.D

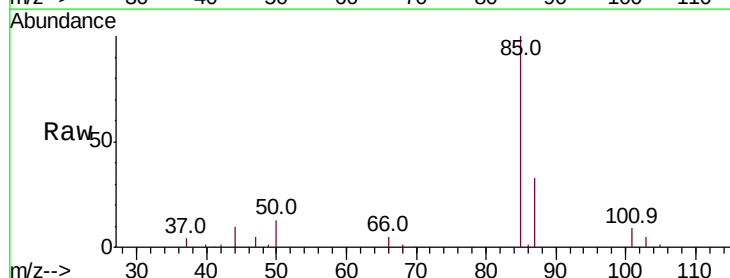
Acq: 18 Sep 2020 12:38

Tgt Ion: 85 Resp: 56316

Ion Ratio Lower Upper

85 100

87 33.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

50000

40000

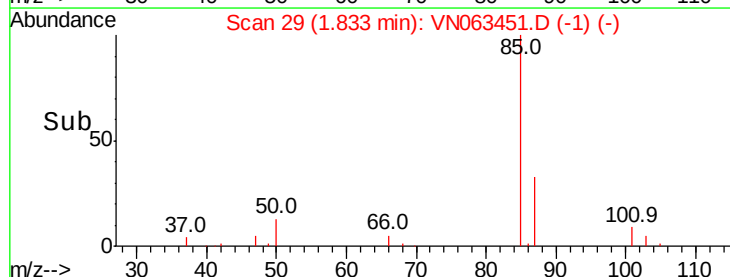
30000

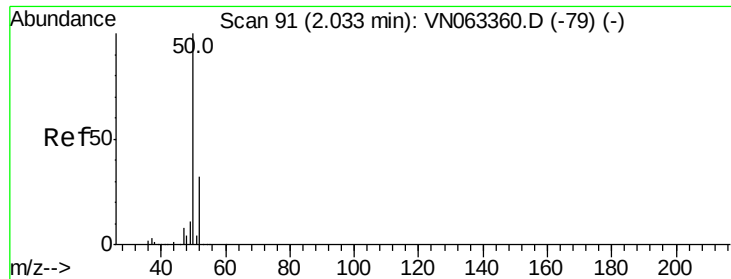
20000

10000

0

Time--> 1.80 1.85 1.90

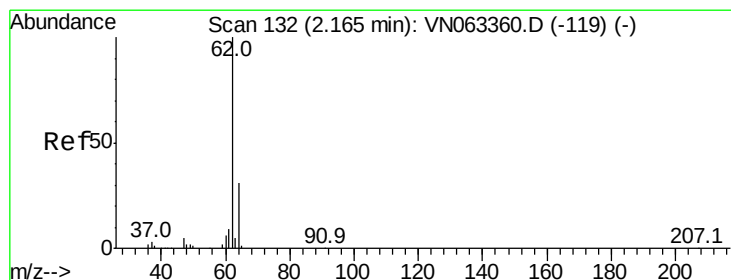
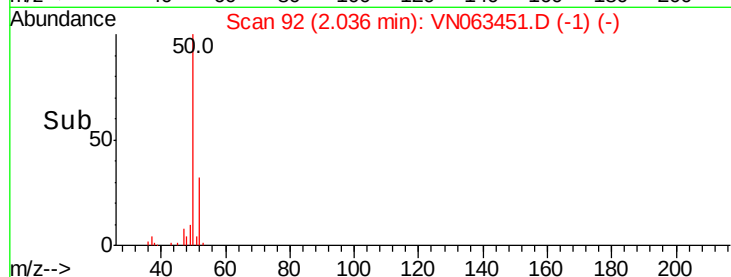
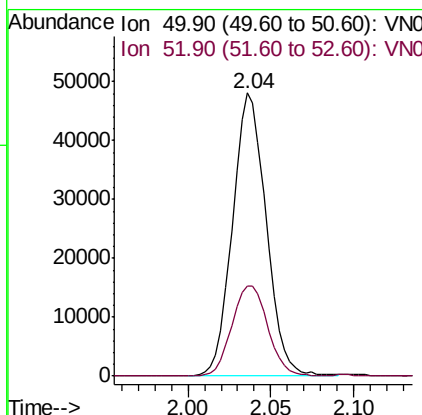
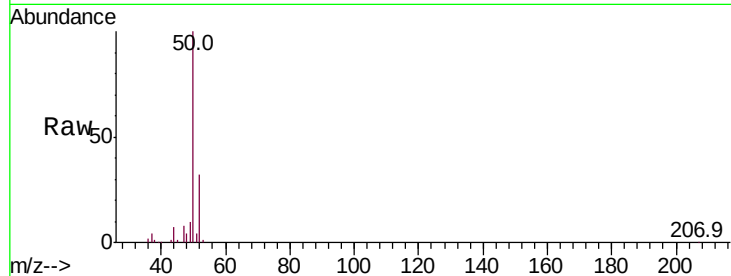




#3
Chloromethane
Concen: 15.963 ug/l
RT: 2.04 min Scan# 92
Delta R.T. 0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

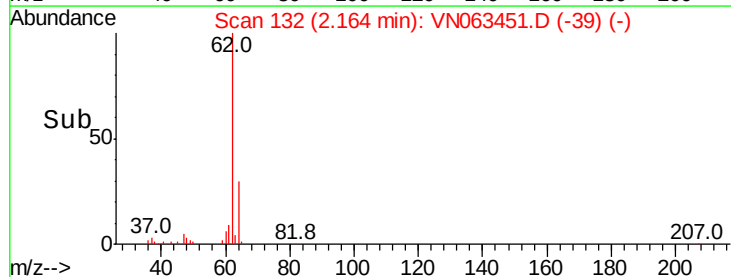
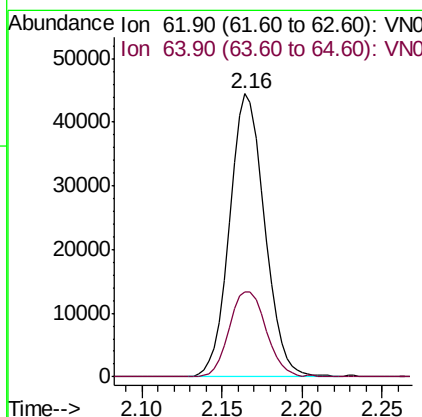
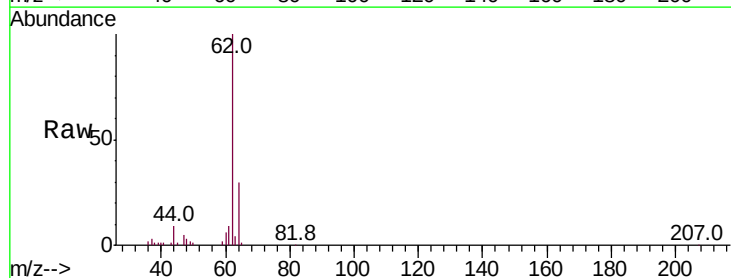
Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

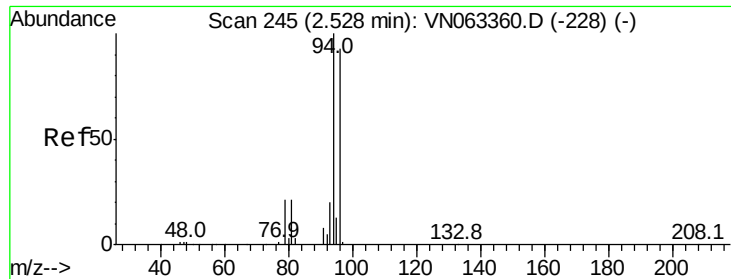
Tot Ion: 50 Resp: 67813
Ion Ratio Lower Upper
50 100
52 31.8 25.9 38.9



#4
Vinyl Chloride
Concen: 17.649 ug/l
RT: 2.16 min Scan# 132
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion: 62 Resp: 66428
Ion Ratio Lower Upper
62 100
64 30.2 25.1 37.7





#5

Bromomethane

Concen: 19.712 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

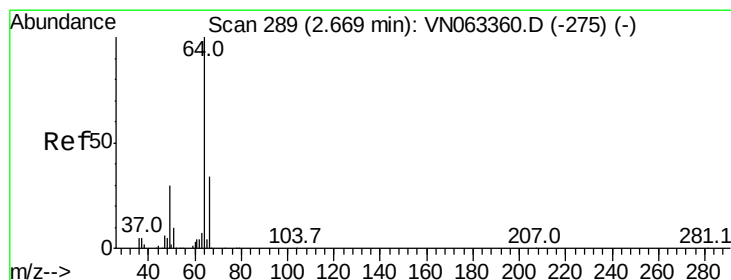
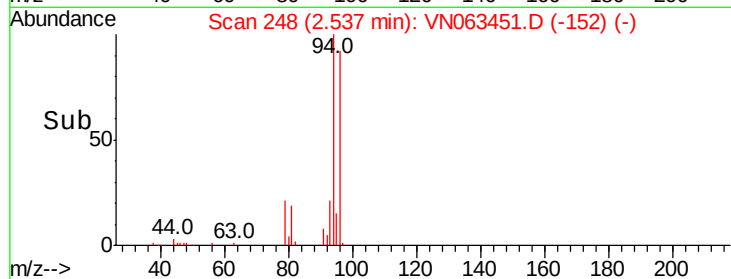
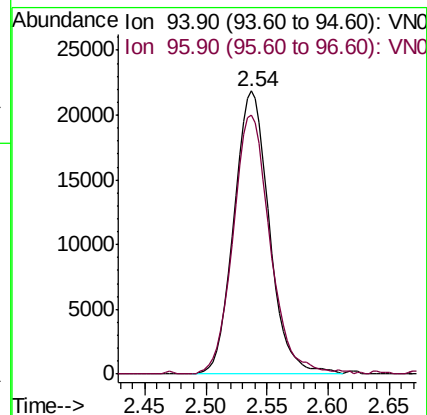
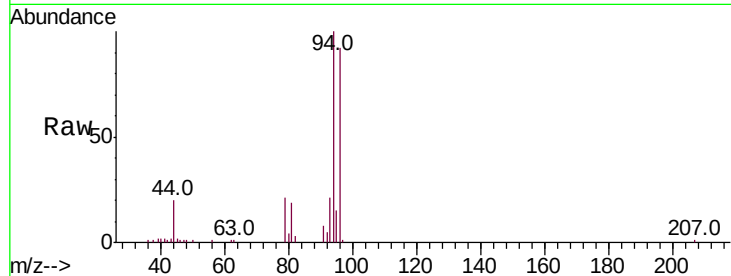
VN0918WBSD01

Tot Ion: 94 Resp: 44052

Ion Ratio Lower Upper

94 100

96 91.5 74.5 111.7



#6

Chloroethane

Concen: 17.450 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063451.D

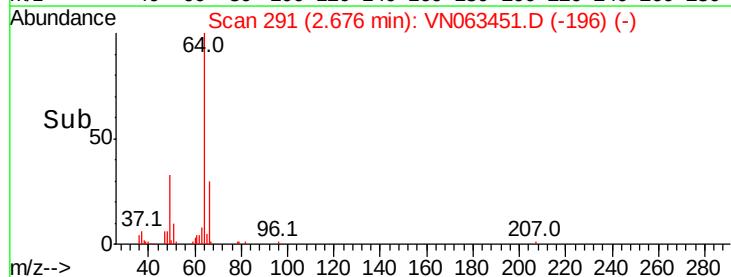
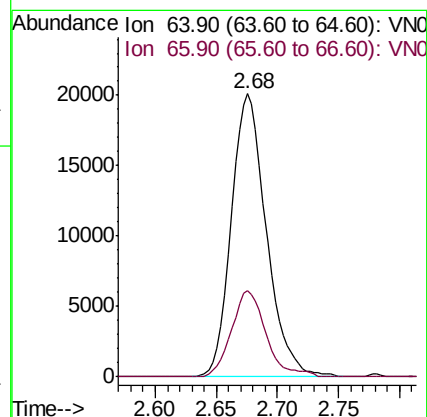
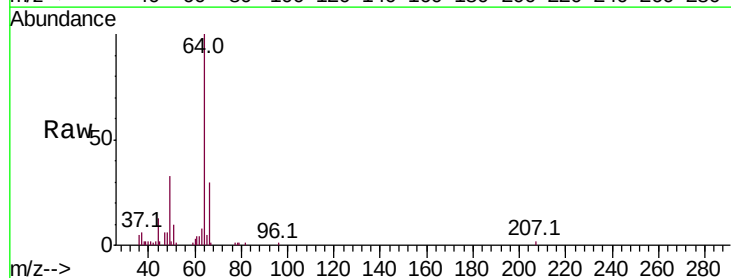
Acq: 18 Sep 2020 12:38

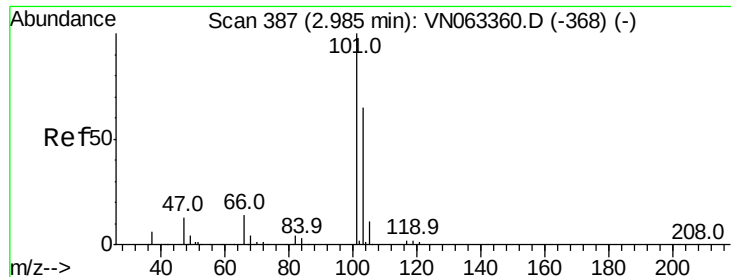
Tgt Ion: 64 Resp: 40316

Ion Ratio Lower Upper

64 100

66 30.5 26.9 40.3



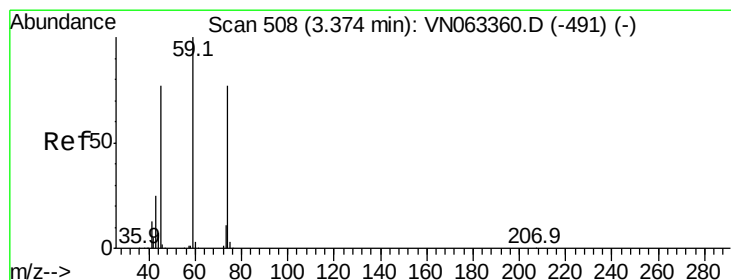
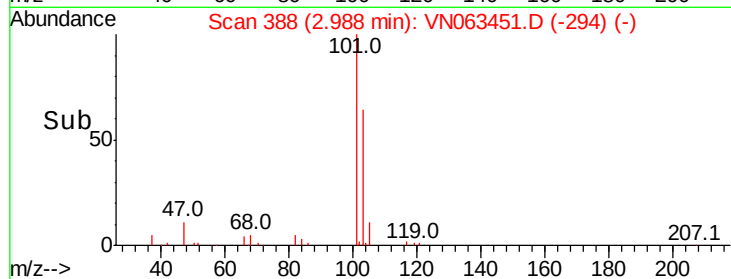
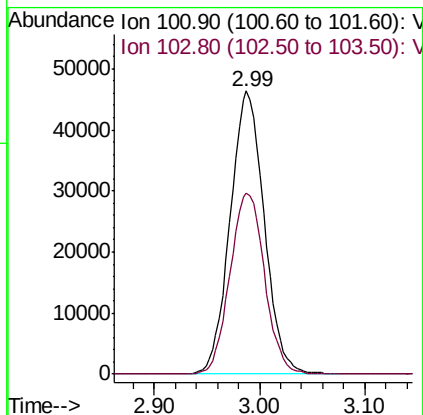
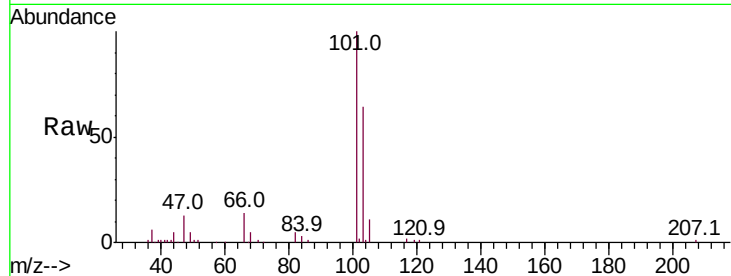


#7

Trichlorofluoromethane
 Concen: 18.489 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
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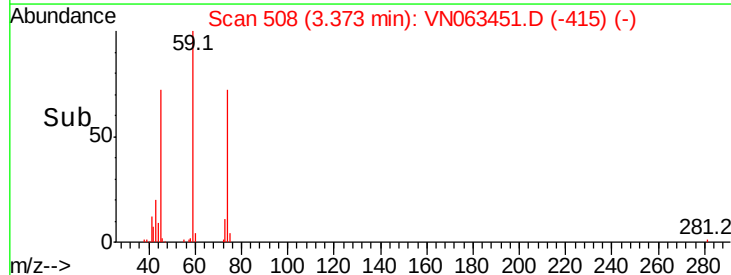
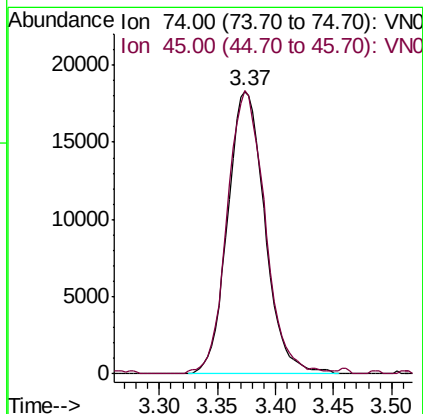
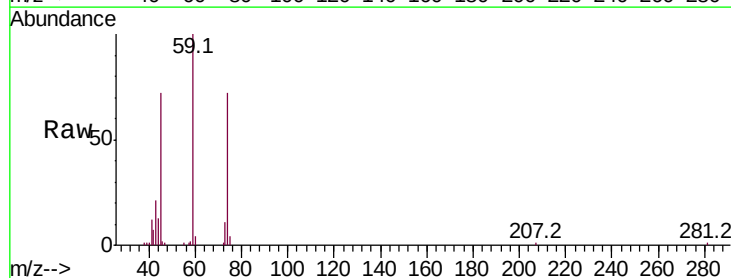
Tot Ion:101 Resp: 103827
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.3 78.5

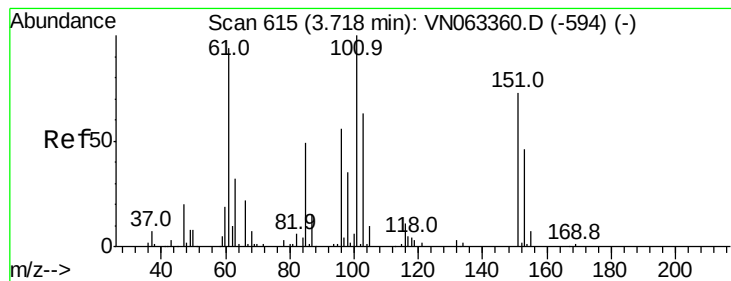


#8

Diethyl Ether
 Concen: 18.562 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Tgt Ion: 74 Resp: 40634
 Ion Ratio Lower Upper
 74 100
 45 102.5 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.328 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBSD01

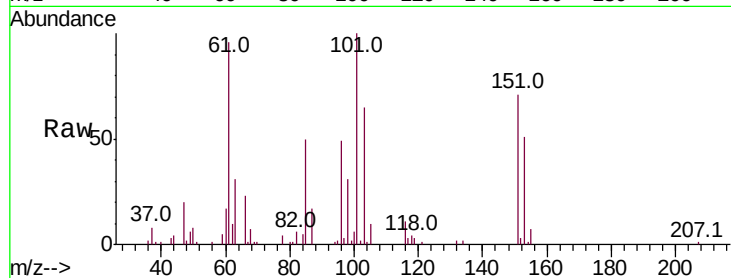
Tot Ion:101 Resp: 57881

Ion Ratio Lower Upper

101 100

85 49.8 37.7 56.5

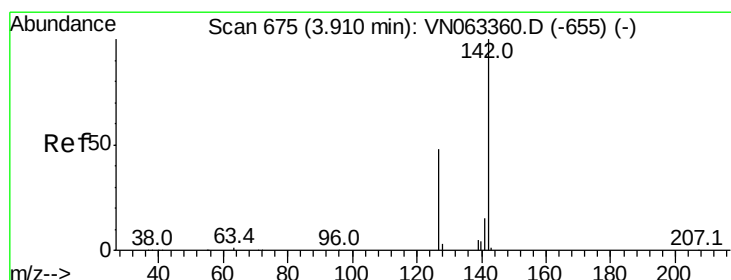
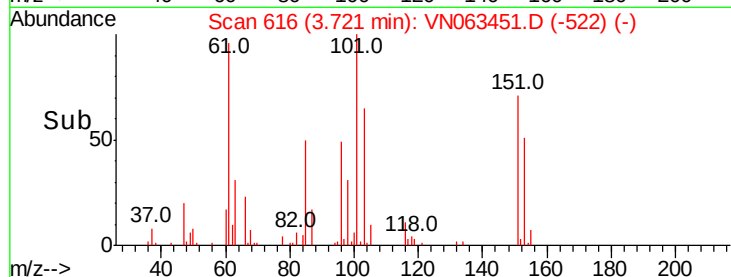
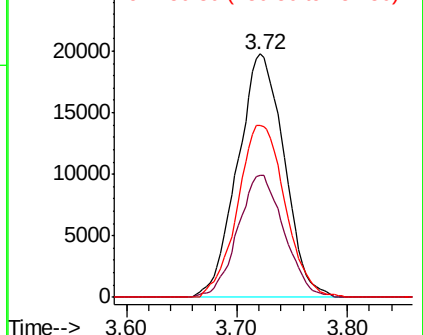
151 71.9 57.7 86.5



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: 18.158 ug/l

RT: 3.92 min Scan# 677

Delta R.T. 0.01 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

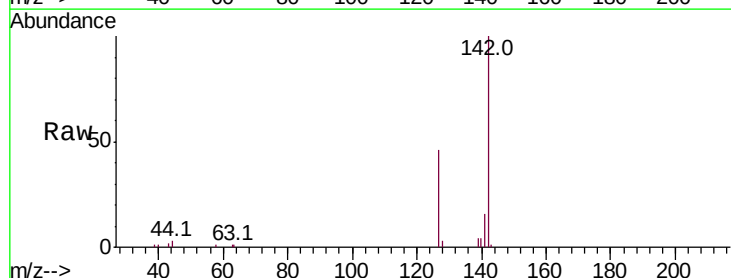
Tgt Ion:142 Resp: 74659

Ion Ratio Lower Upper

142 100

127 48.5 39.0 58.6

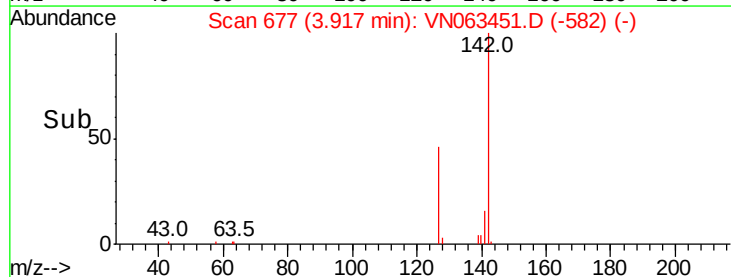
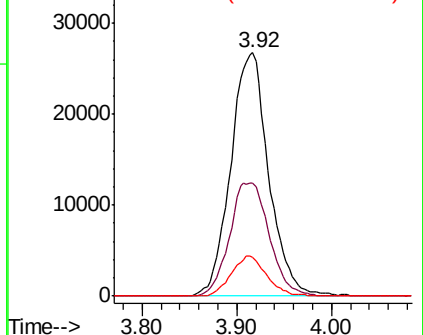
141 15.3 11.6 17.4

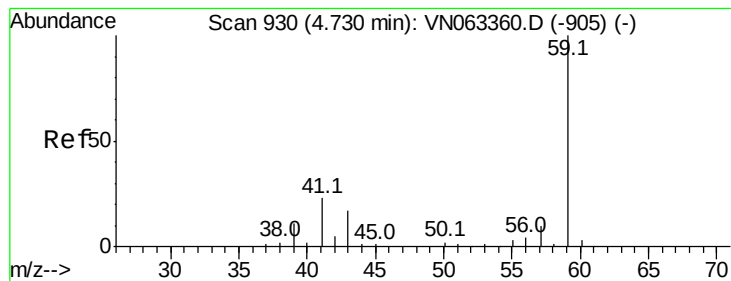


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



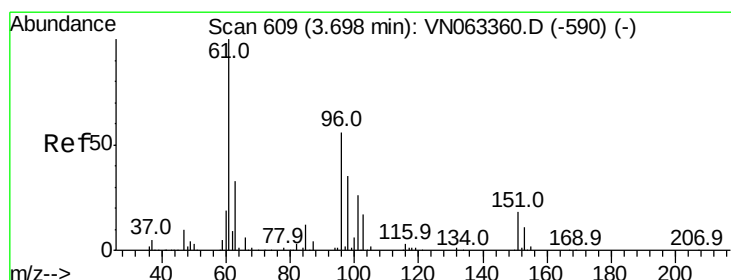
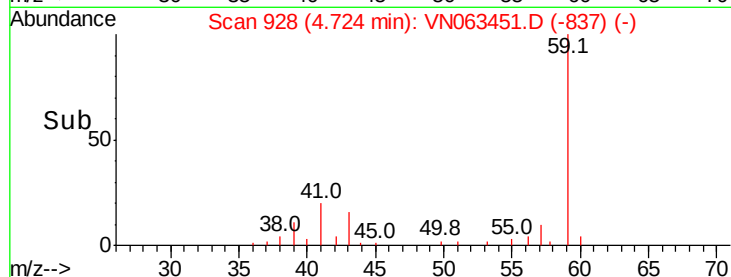
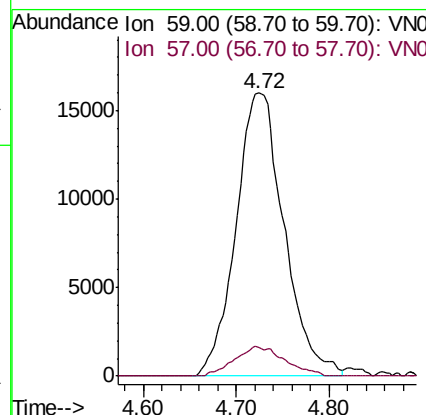
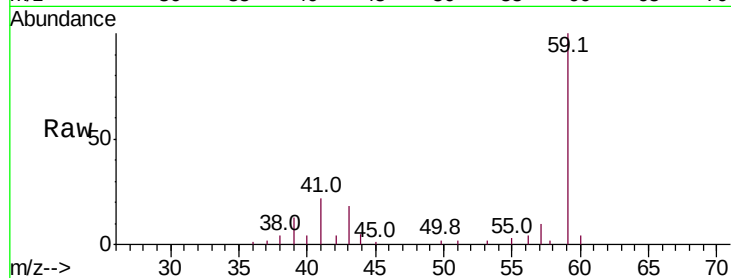


#11

Tert butyl alcohol
 Concen: 86.207 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD01

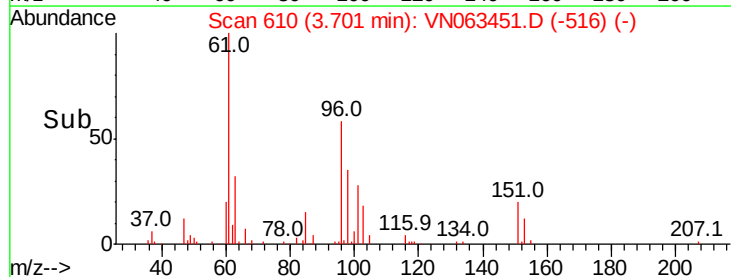
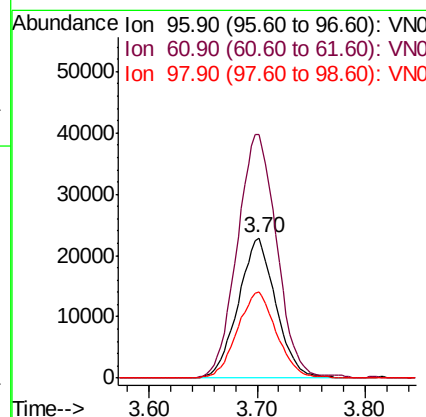
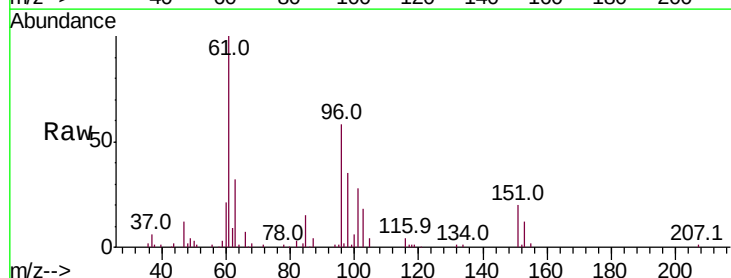
Tot Ion: 59 Resp: 57626
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.4 12.6

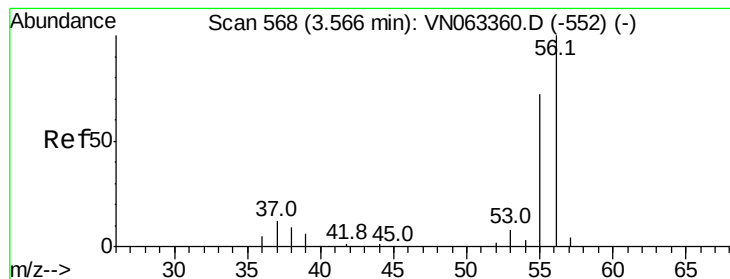


#12

1,1-Dichloroethene
 Concen: 17.347 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Tgt Ion: 96 Resp: 55489
 Ion Ratio Lower Upper
 96 100
 61 173.7 143.4 215.2
 98 61.5 50.6 76.0





#13

Acrolein

Concen: 107.895 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

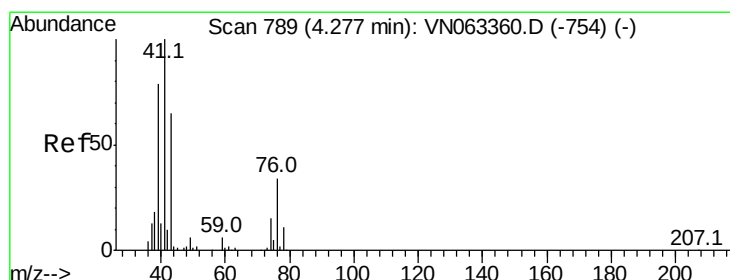
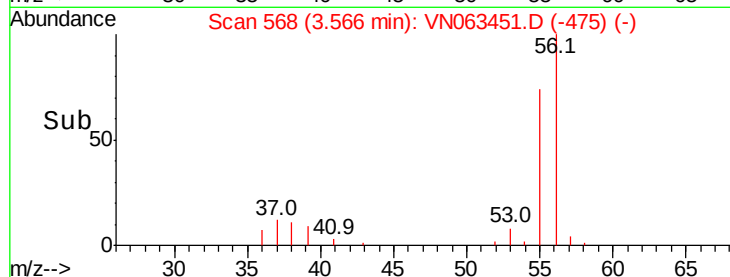
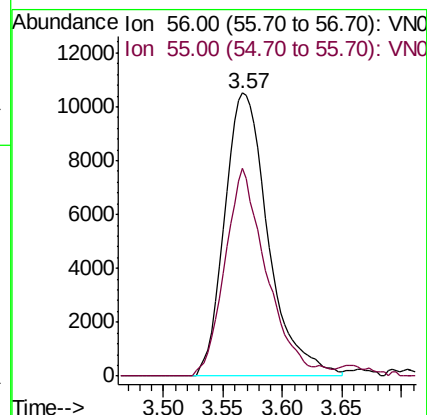
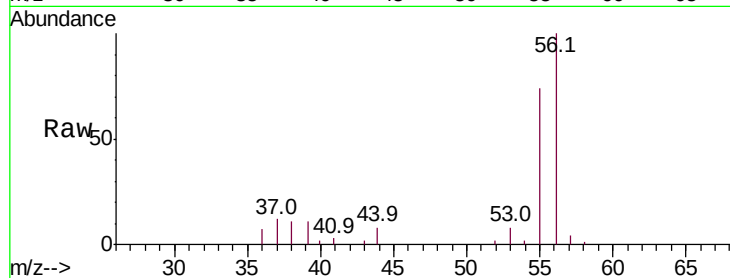
VN0918WBSD01

Tot Ion: 56 Resp: 26728

Ion Ratio Lower Upper

56 100

55 69.5 58.2 87.2



#14

Allyl chloride

Concen: 15.367 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

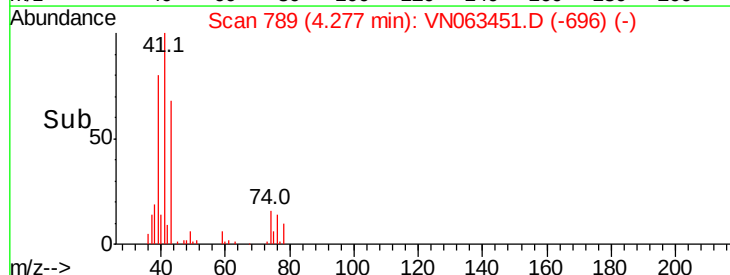
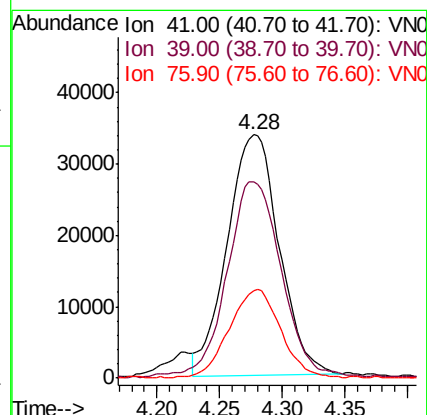
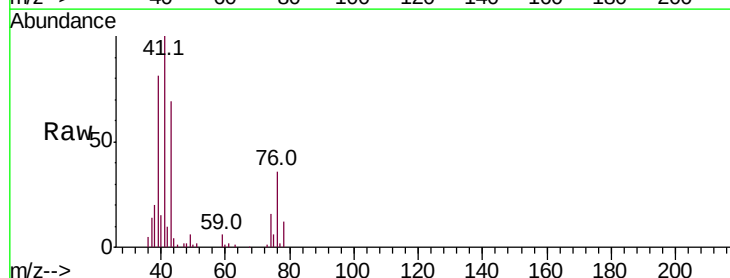
Tgt Ion: 41 Resp: 97229

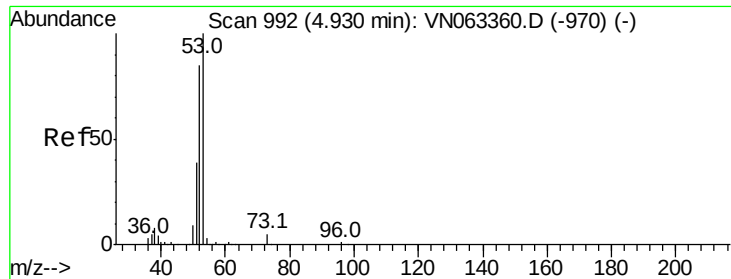
Ion Ratio Lower Upper

41 100

39 86.7 59.3 88.9

76 36.6 25.3 37.9





#15

Acrylonitrile

Concen: 88.385 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBSD01

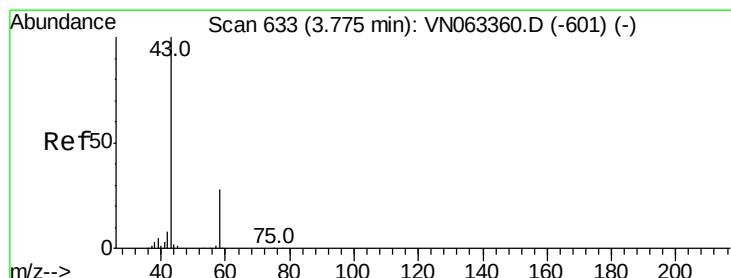
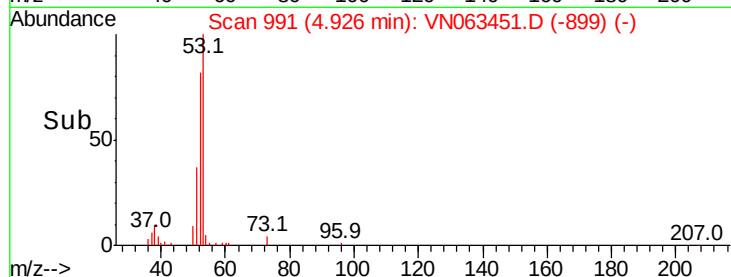
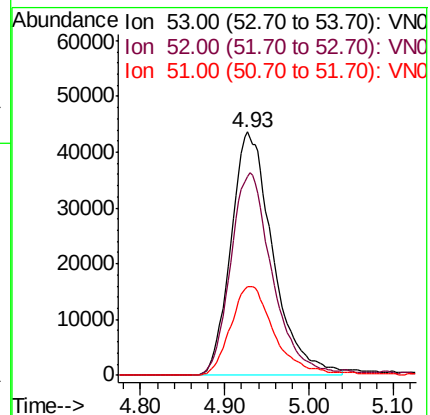
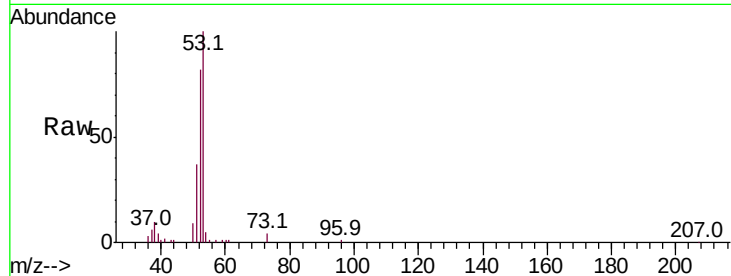
Tot Ion: 53 Resp: 150285

Ion Ratio Lower Upper

53 100

52 82.6 66.4 99.6

51 38.4 30.2 45.4



#16

Acetone

Concen: 87.289 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063451.D

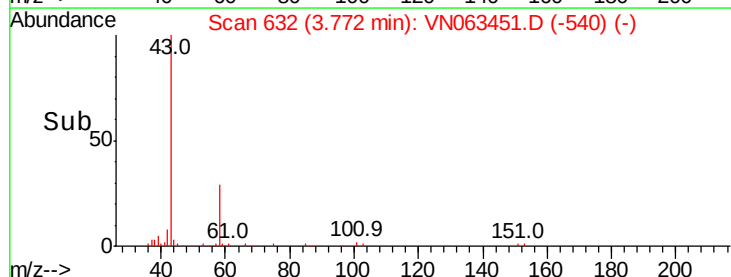
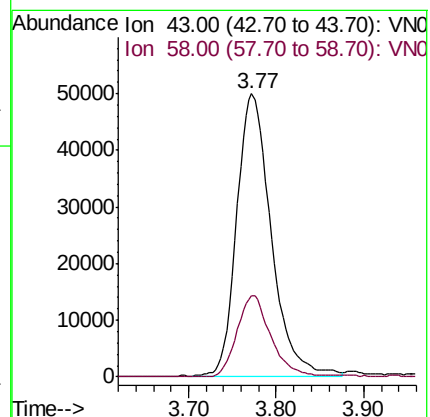
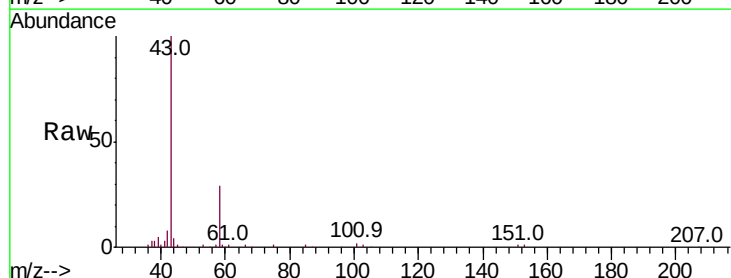
Acq: 18 Sep 2020 12:38

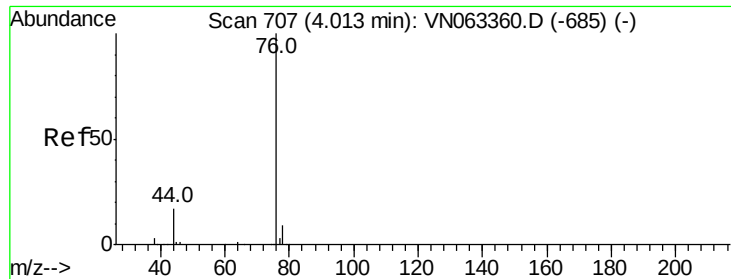
Tgt Ion: 43 Resp: 135362

Ion Ratio Lower Upper

43 100

58 28.9 22.3 33.5

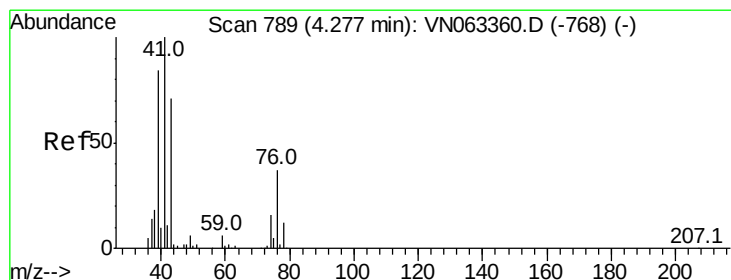
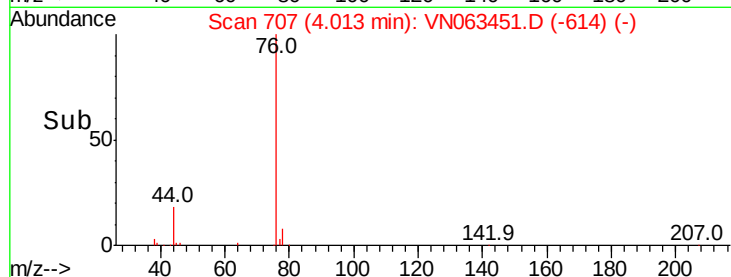
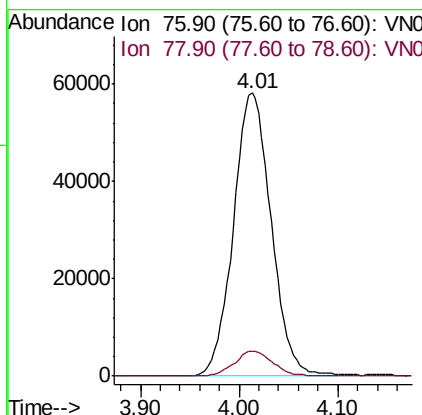
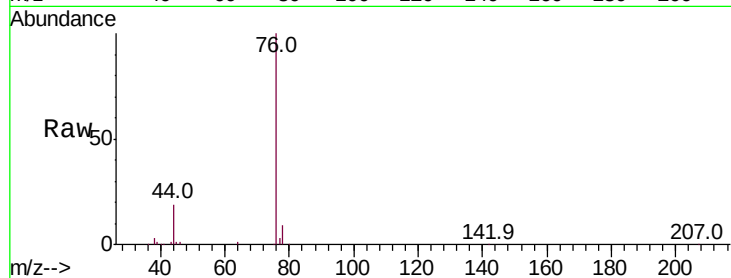




#17
Carbon Disulfide
Concen: 16.606 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

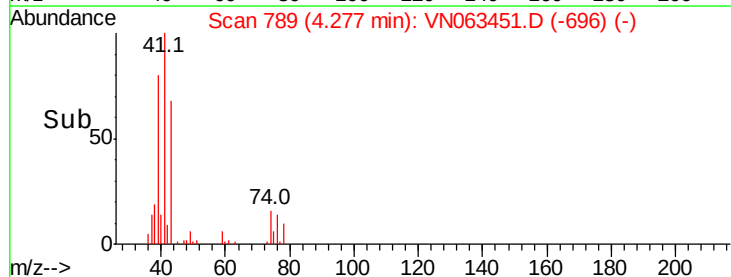
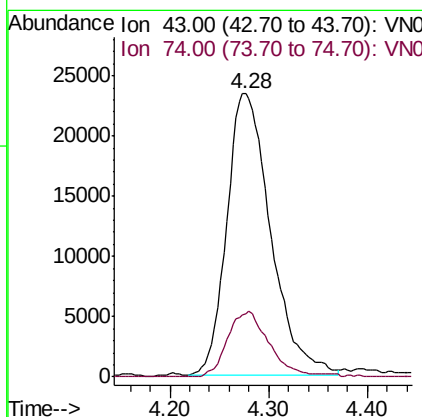
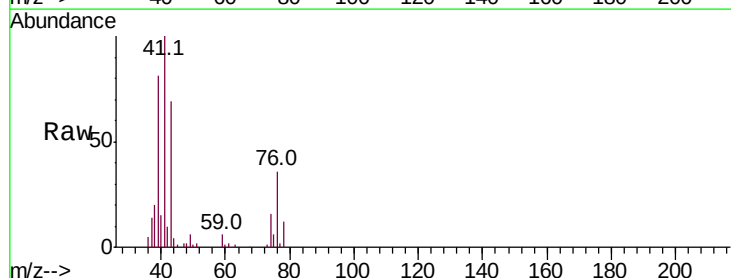
Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

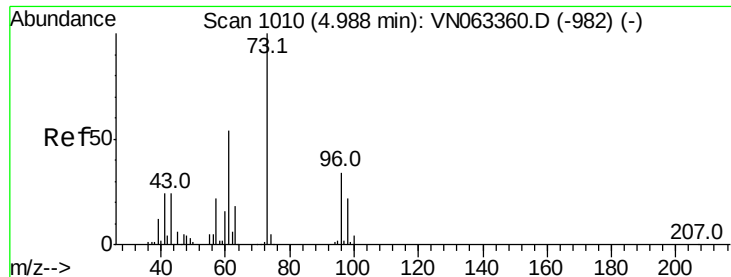
Tot Ion: 76 Resp: 154507
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 18.311 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion: 43 Resp: 72085
Ion Ratio Lower Upper
43 100
74 22.5 17.4 26.2

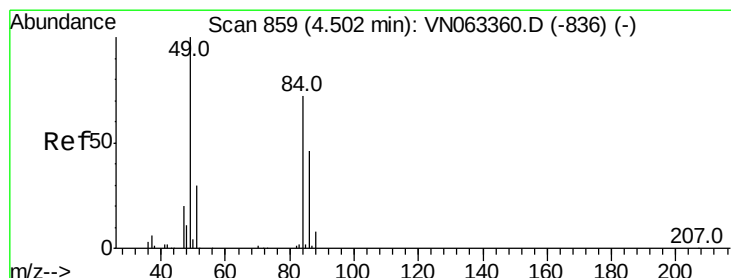
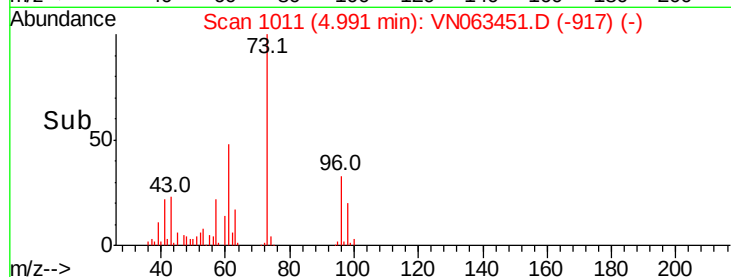
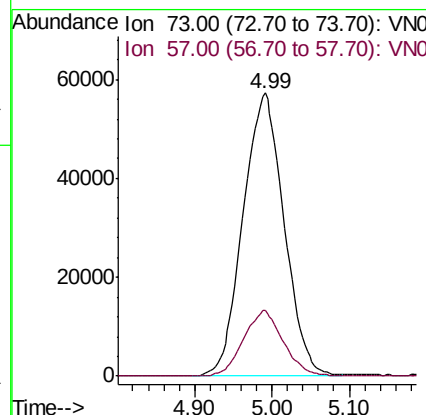
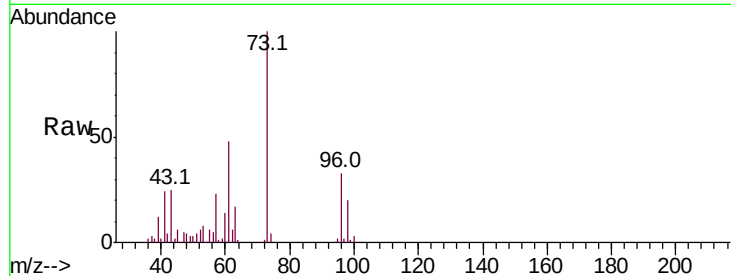




#19
Methyl tert-butyl Ether
Concen: 17.710 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

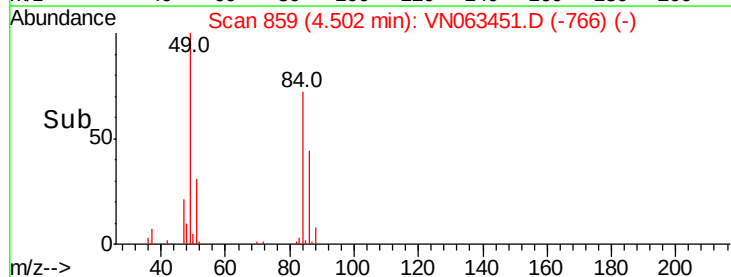
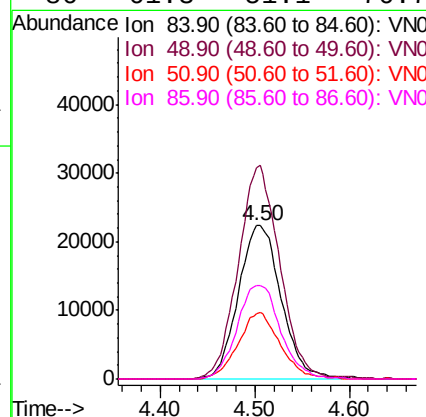
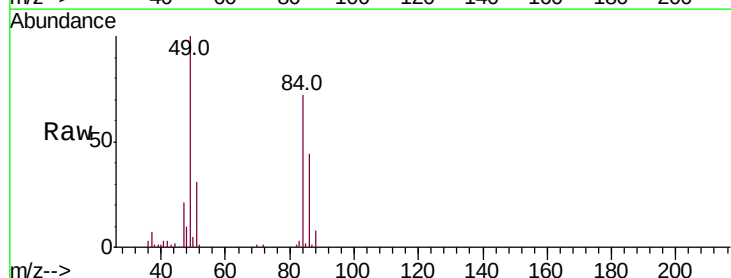
Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

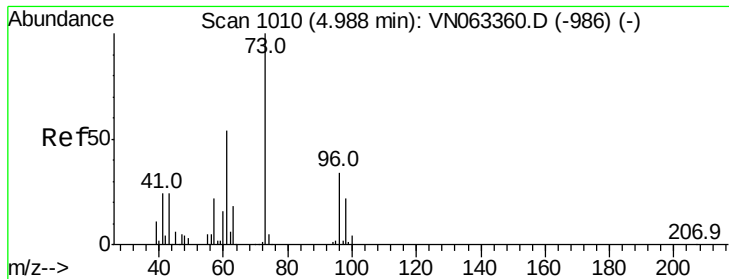
Tot Ion: 73 Resp: 211138
Ion Ratio Lower Upper
73 100
57 23.1 17.9 26.9



#20
Methylene Chloride
Concen: 17.898 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion: 84 Resp: 70320
Ion Ratio Lower Upper
84 100
49 138.1 110.7 166.1
51 42.3 32.9 49.3
86 61.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.228 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

VN0918WBSD01

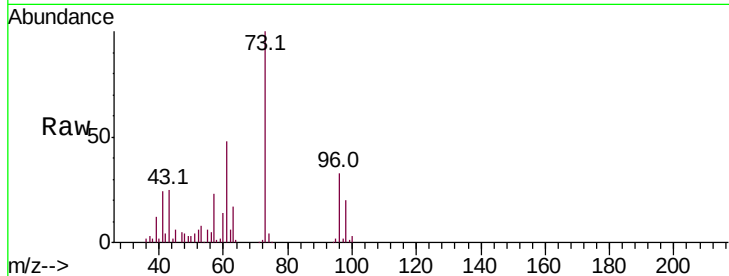
Tot Ion: 96 Resp: 61056

Ion Ratio Lower Upper

96 100

61 143.5 126.2 189.4

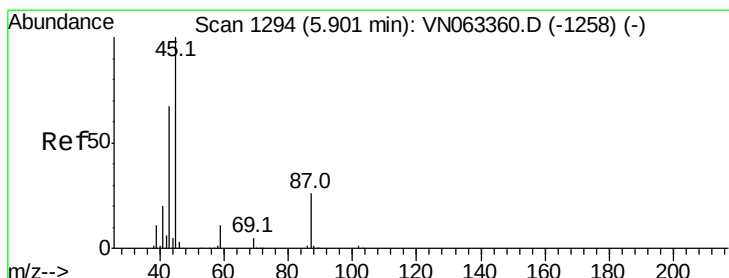
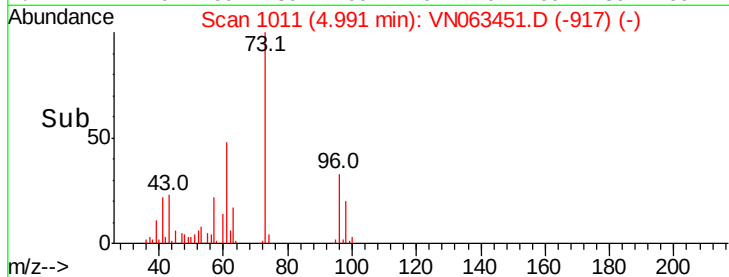
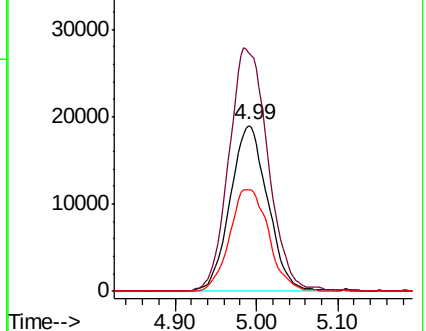
98 61.2 51.0 76.4



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: 17.749 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Tgt Ion: 45 Resp: 229043

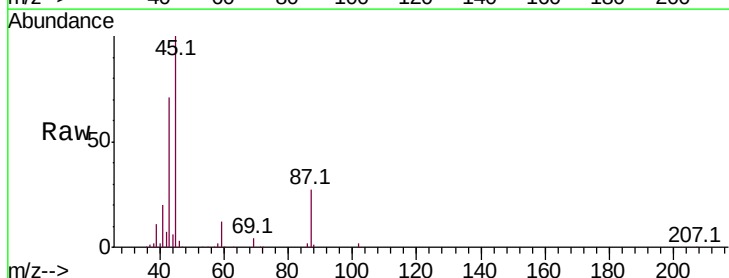
Ion Ratio Lower Upper

45 100

43 67.7 53.5 80.3

87 27.0 21.2 31.8

59 11.5 8.8 13.2

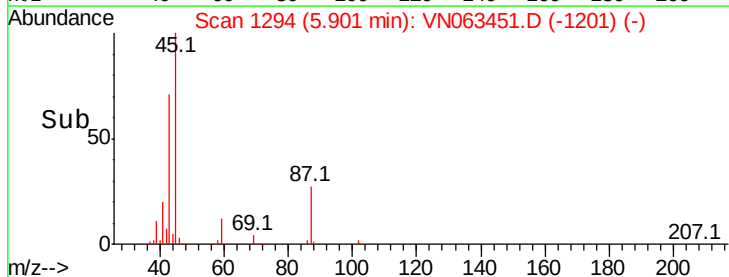
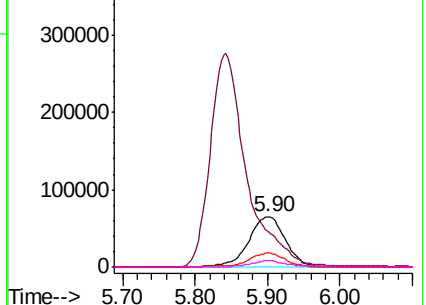


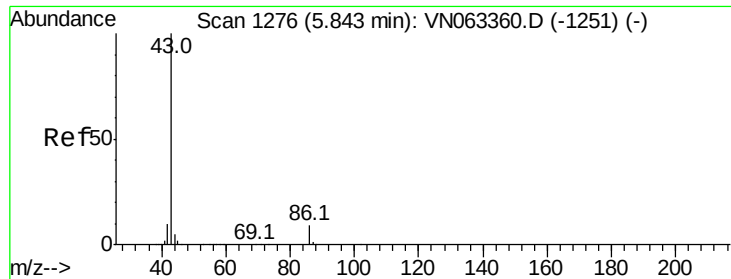
Abundance Ion 45.00 (44.70 to 45.70): VN0

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

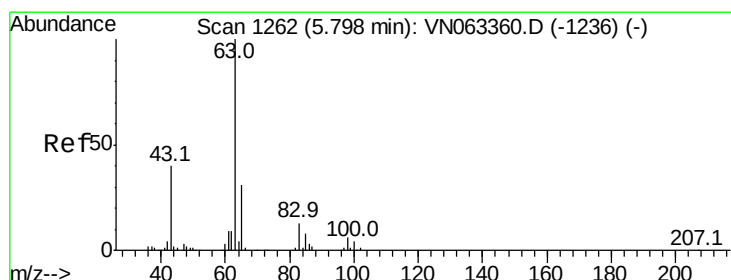
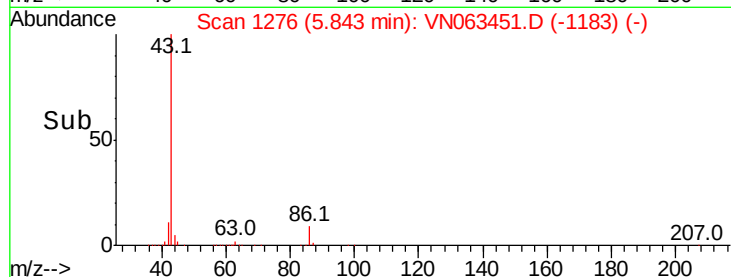
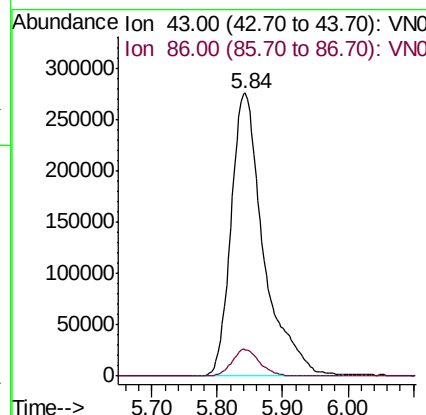
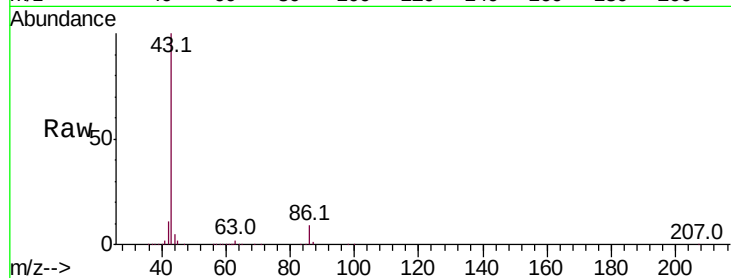




#23
 Vinyl Acetate
 Concen: 90.330 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

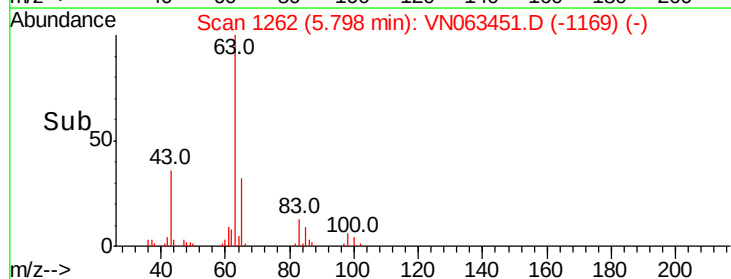
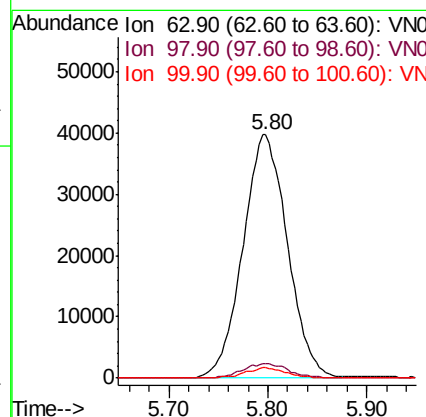
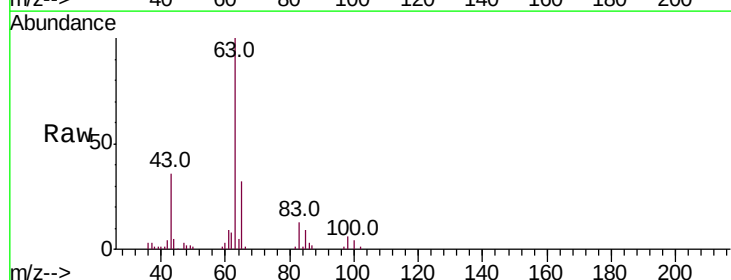
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD01

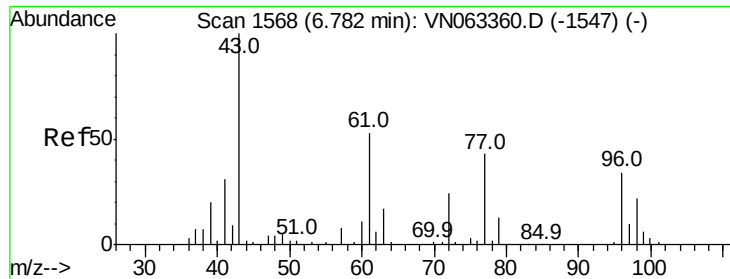
Tot Ion: 43 Resp: 957313
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 17.636 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Tgt Ion: 63 Resp: 124250
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.8
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 86.300 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

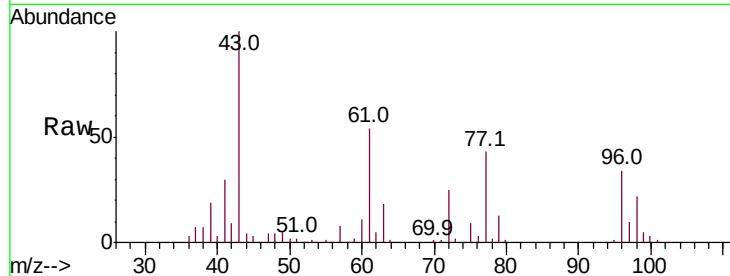
VN0918WBSD01

Tot Ion: 43 Resp: 205827

Ion Ratio Lower Upper

43 100

72 25.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.78

80000

60000

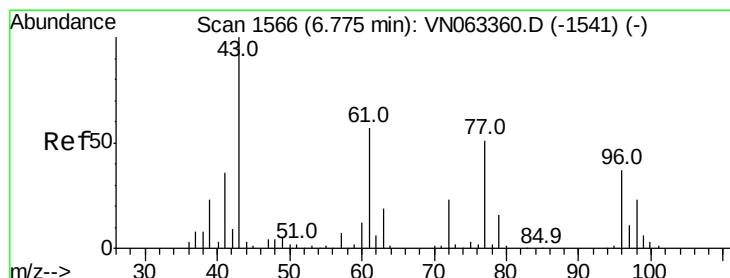
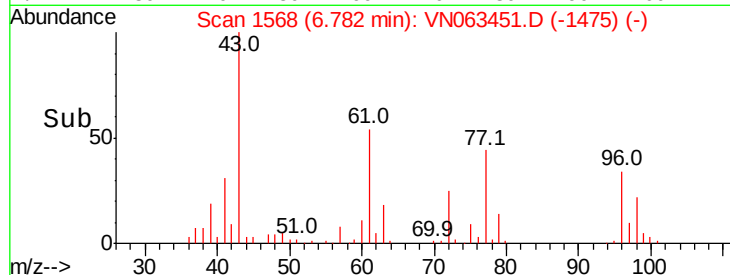
40000

20000

0

6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 16.665 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063451.D

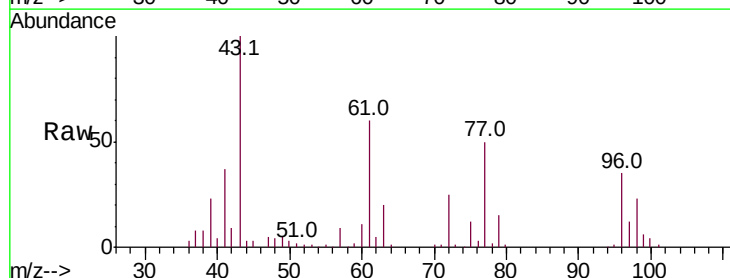
Acq: 18 Sep 2020 12:38

Tgt Ion: 77 Resp: 103373

Ion Ratio Lower Upper

77 100

97 22.3 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.78

30000

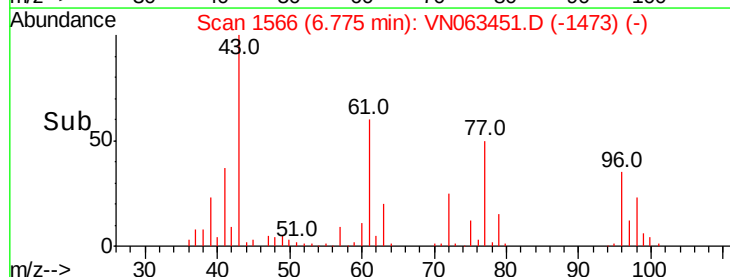
20000

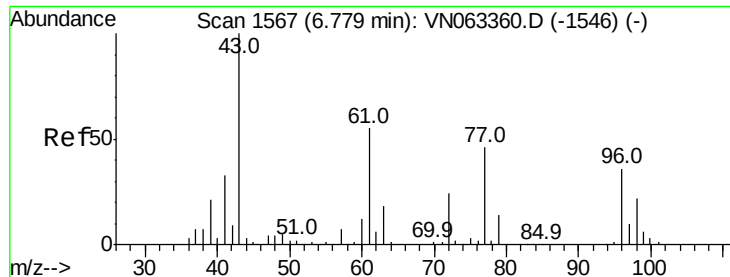
10000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 17.970 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

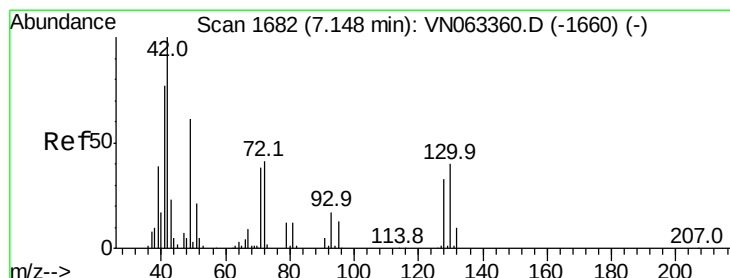
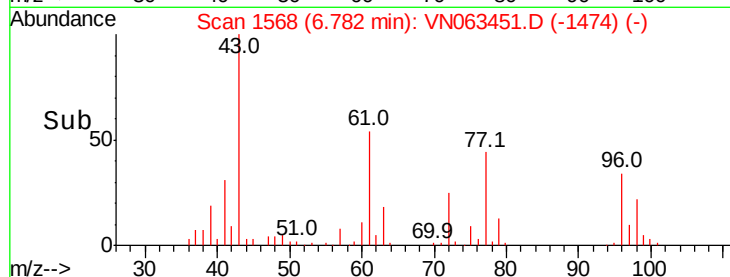
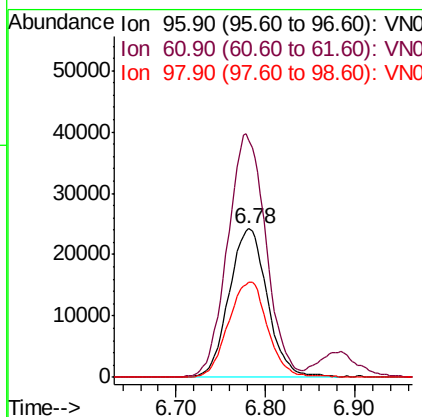
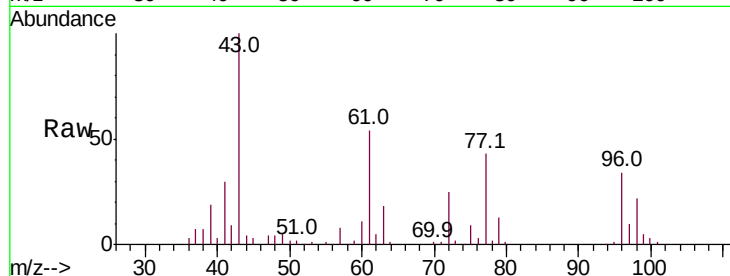
Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

Tot Ion: 96 Resp: 72085

Ion	Ratio	Lower	Upper
96	100		
61	164.2	0.0	319.6
98	65.4	0.0	127.8



#28

Bromochloromethane

Concen: 18.612 ug/l

RT: 7.15 min Scan# 1682

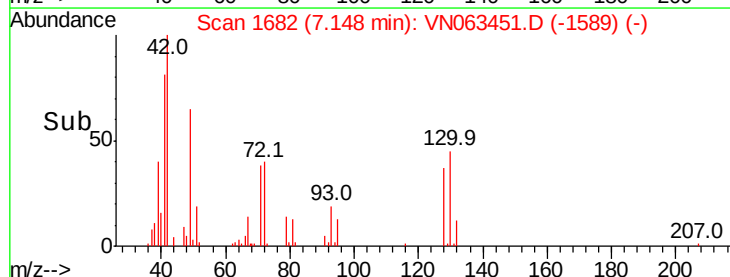
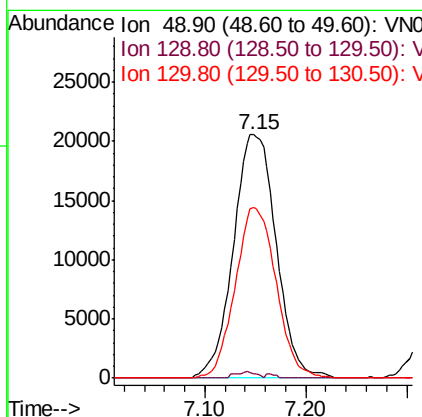
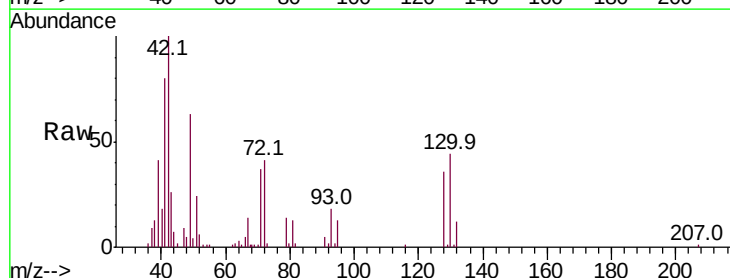
Delta R.T. -0.00 min

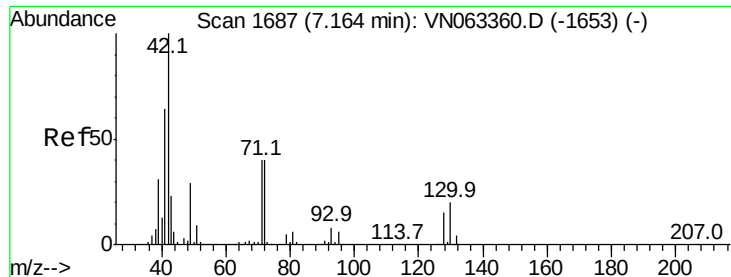
Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Tgt Ion: 49 Resp: 60543

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.8
130	66.9	52.2	78.2





#29

Tetrahydrofuran

Concen: 85.497 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBSD01

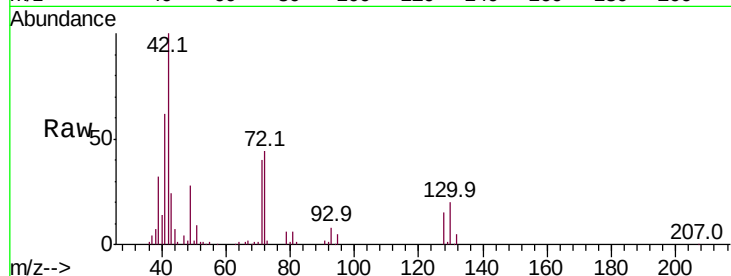
Tot Ion: 42 Resp: 139266

Ion Ratio Lower Upper

42 100

72 42.1 32.1 48.1

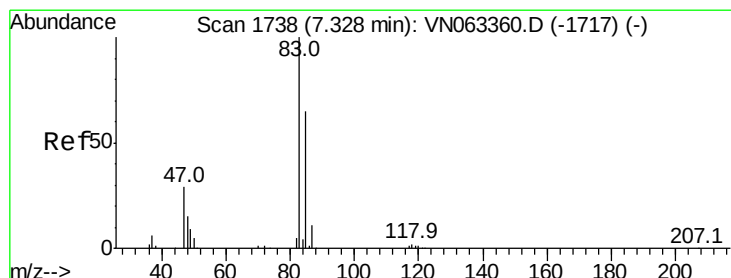
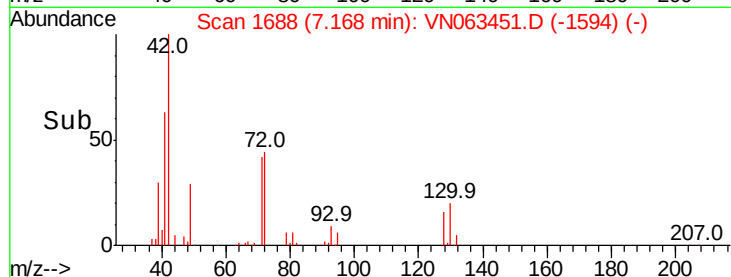
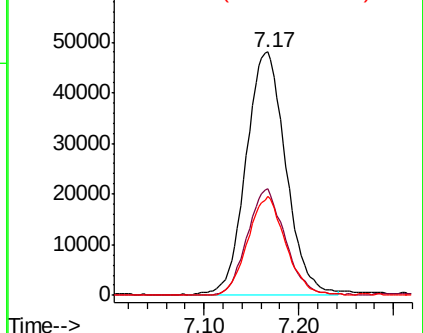
71 39.3 31.2 46.8



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: 17.937 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063451.D

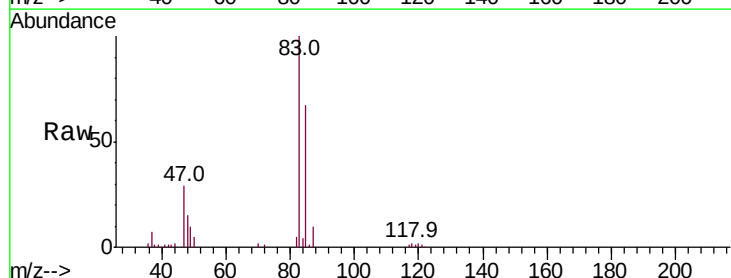
Acq: 18 Sep 2020 12:38

Tgt Ion: 83 Resp: 126784

Ion Ratio Lower Upper

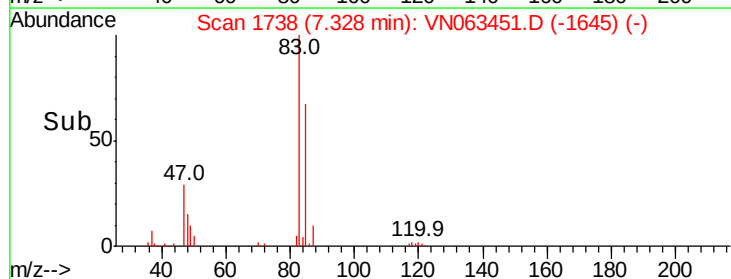
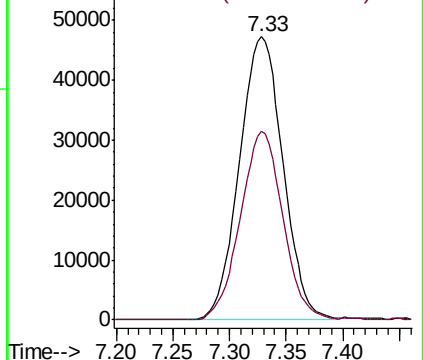
83 100

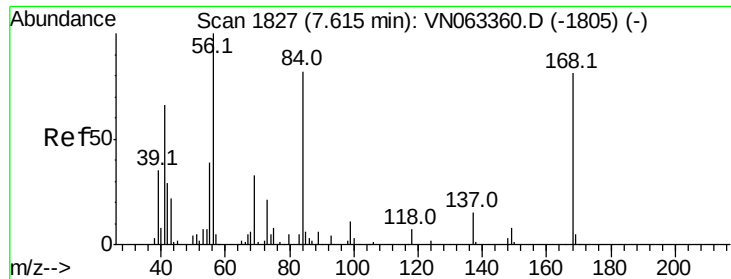
85 66.7 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

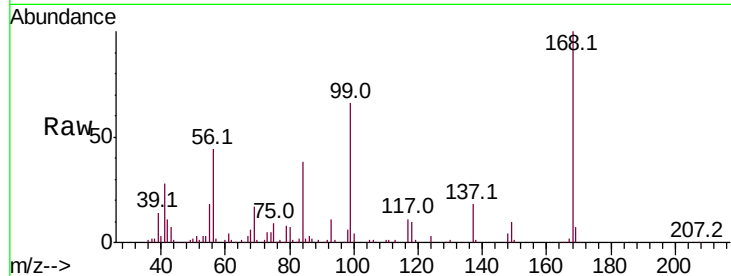




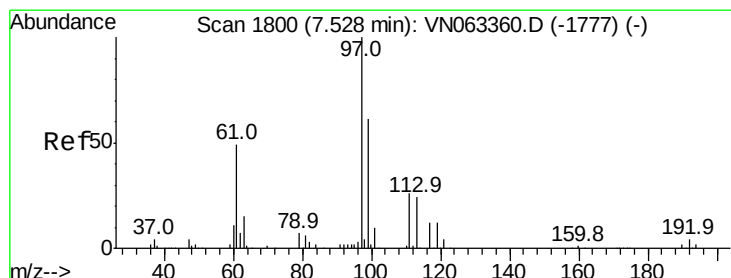
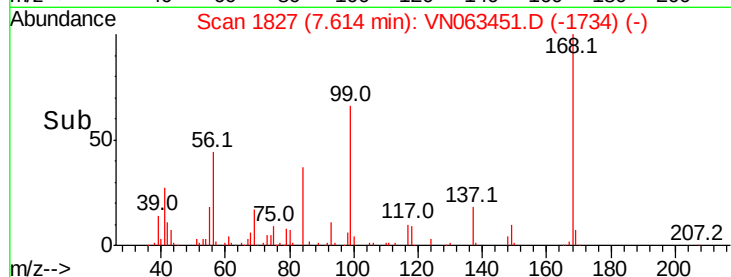
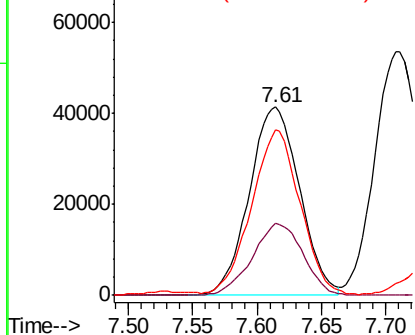
#31
Cyclohexane
Concen: 16.884 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Instrument :
MSVOA_N
ClientSampled :
VN0918WBSD01

Tot Ion: 56 Resp: 112517
Ion Ratio Lower Upper
56 100
69 38.3 26.1 39.1
84 86.5 65.4 98.2

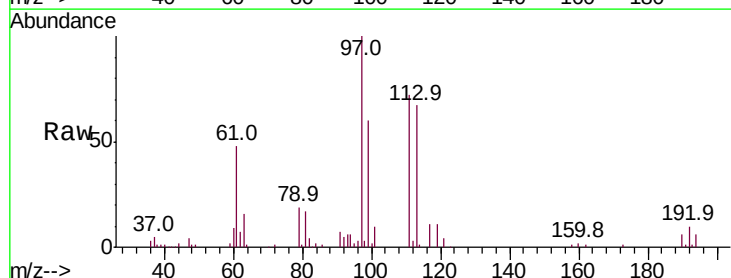


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

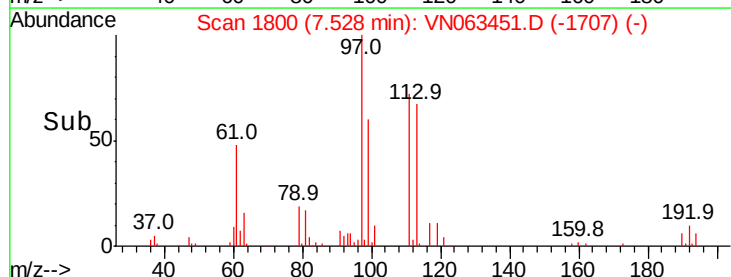
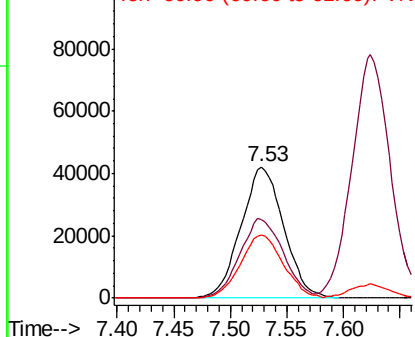


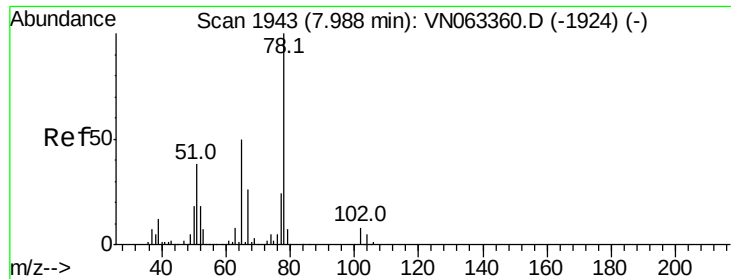
#32
1,1,1-Trichloroethane
Concen: 17.560 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion: 97 Resp: 110398
Ion Ratio Lower Upper
97 100
99 62.0 50.6 76.0
61 48.4 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

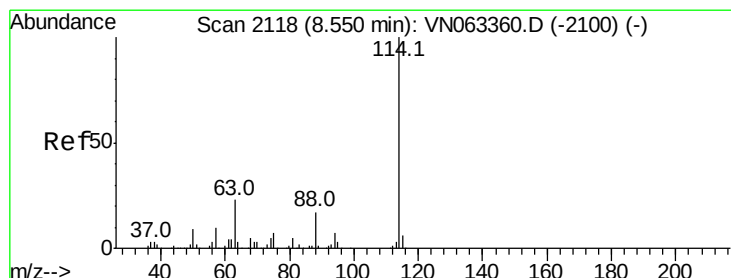
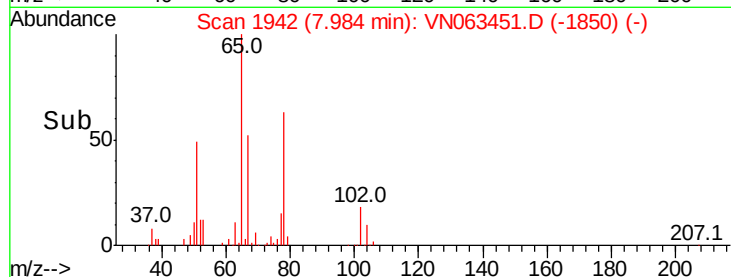
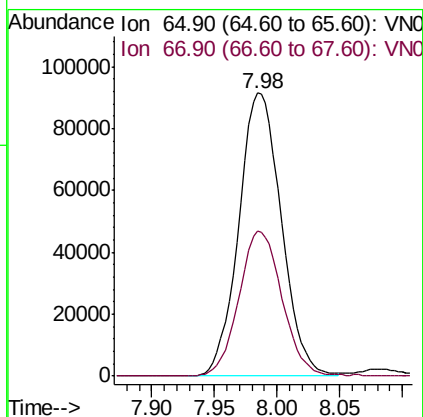
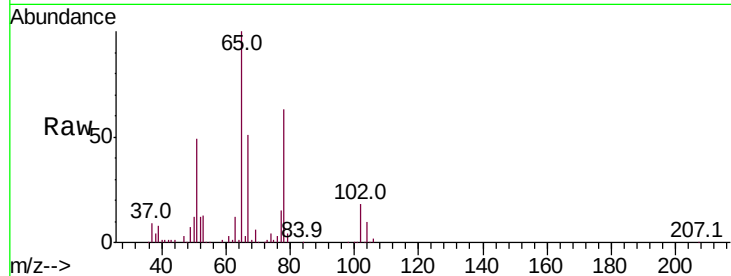




#33
 1,2-Dichloroethane-d4
 Concen: 44.699 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

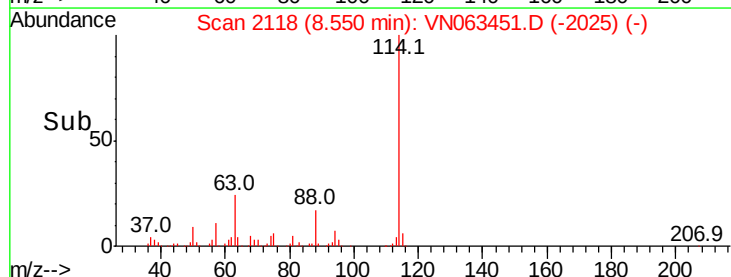
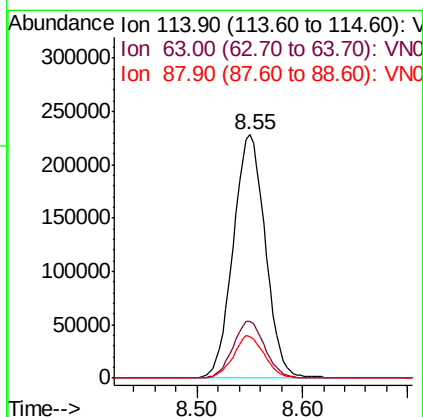
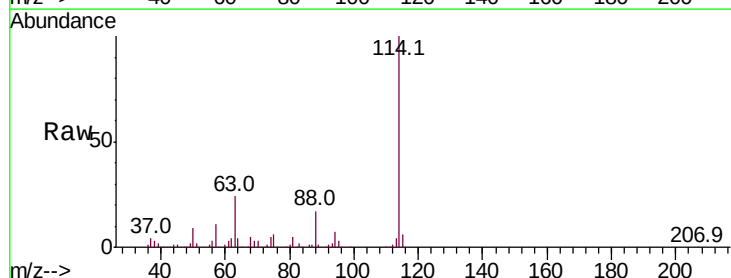
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD01

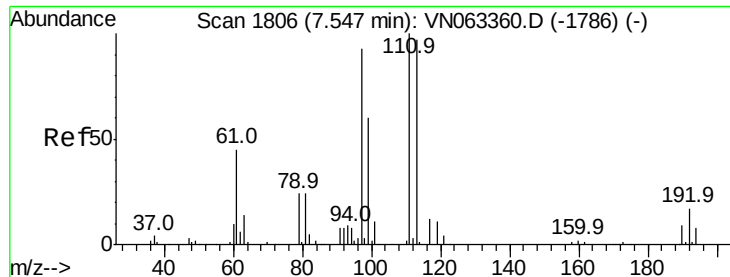
Tot Ion: 65 Resp: 215683
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Tgt Ion: 114 Resp: 482451
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.4
 88 17.0 0.0 33.2

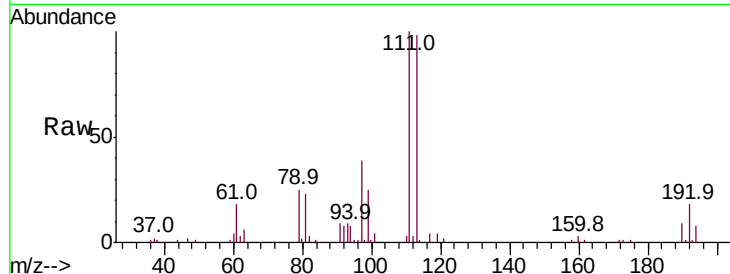




#35
 Dibromofluoromethane
 Concen: 45.936 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	17.4	13.9	20.9

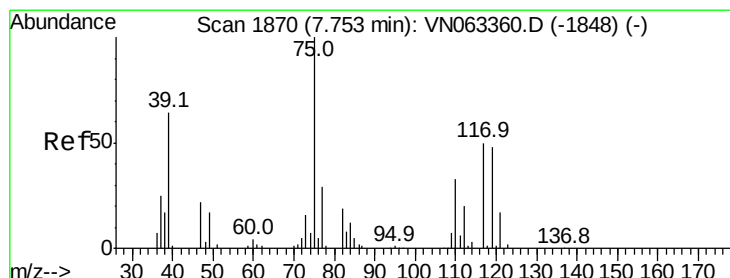
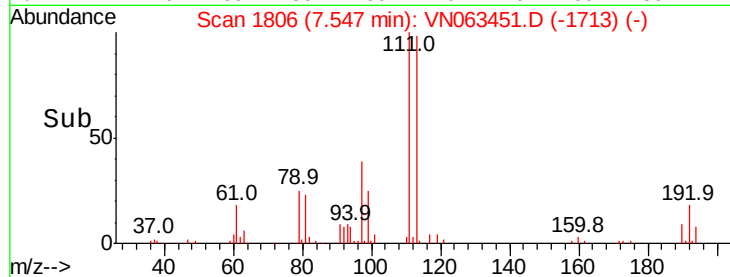
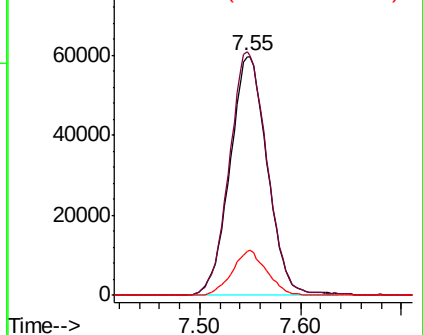


Abundance

Ion 112.80 (112.50 to 113.50): V

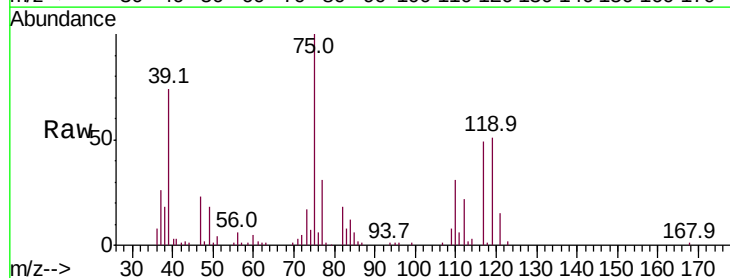
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 17.656 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.5	49.5
77	32.1	24.6	36.8

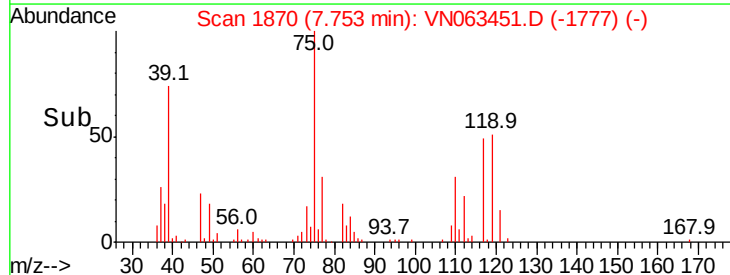
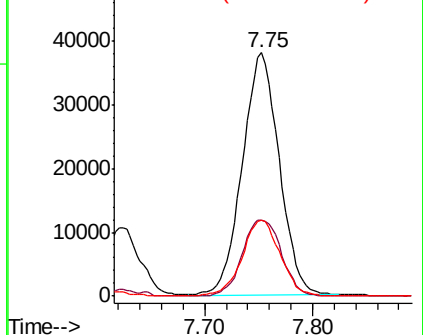


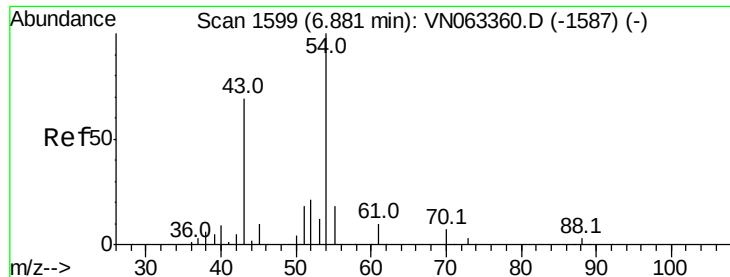
Abundance

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

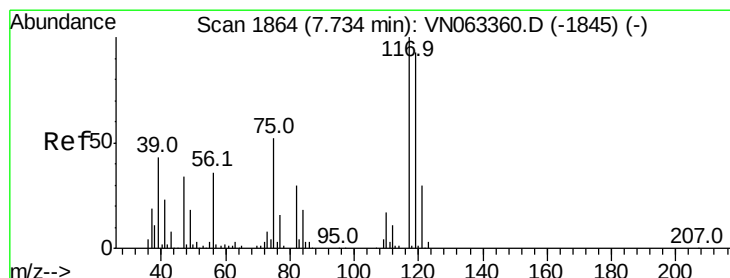
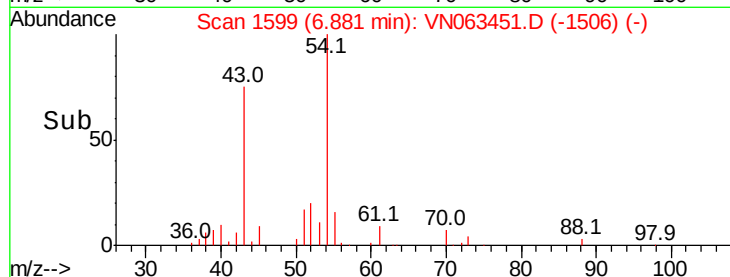
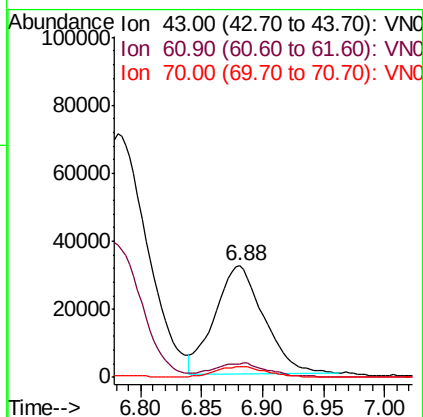
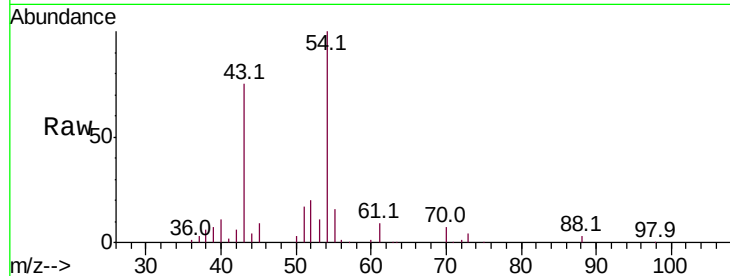




#37
Ethyl Acetate
Concen: 17.709 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

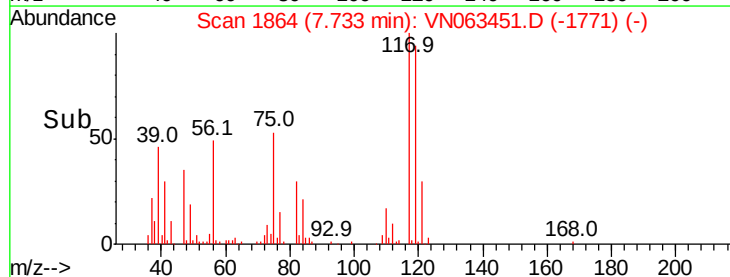
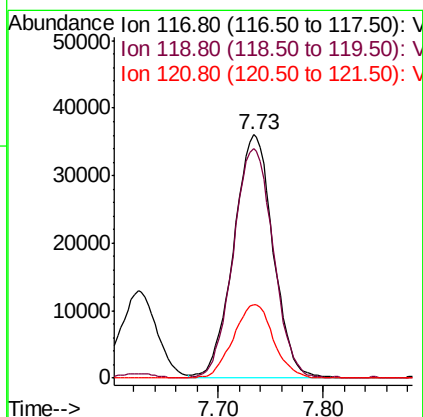
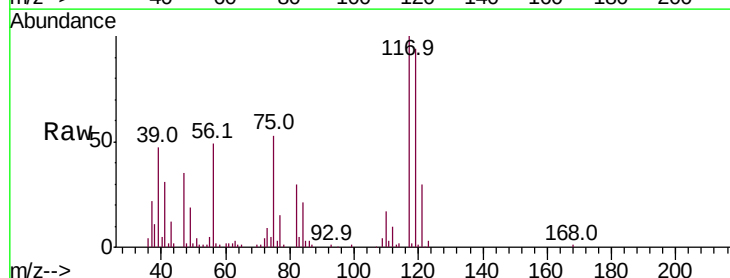
Instrument :
MSVOA_N
ClientSampleID :
VN0918WBSD01

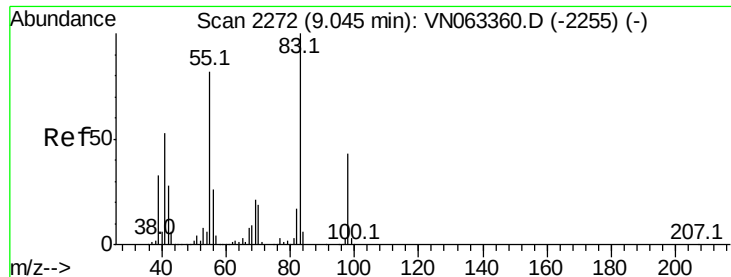
Tot Ion: 43 Resp: 89332
Ion Ratio Lower Upper
43 100
61 14.6 10.6 15.8
70 10.8 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 17.929 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion: 117 Resp: 94069
Ion Ratio Lower Upper
117 100
119 94.2 74.5 111.7
121 30.2 24.1 36.1

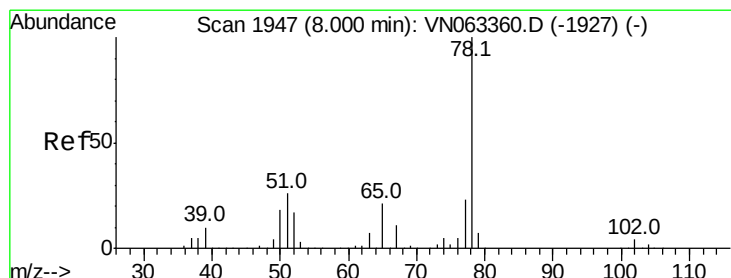
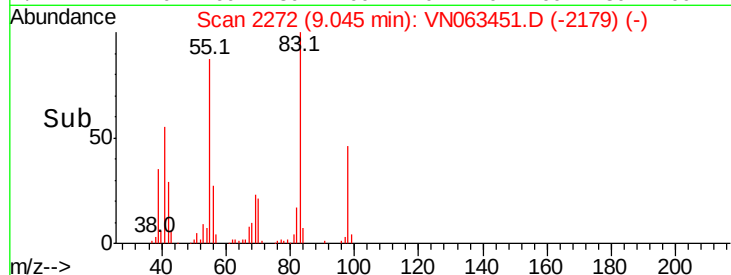
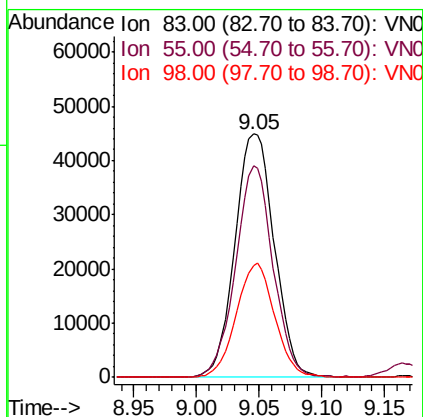
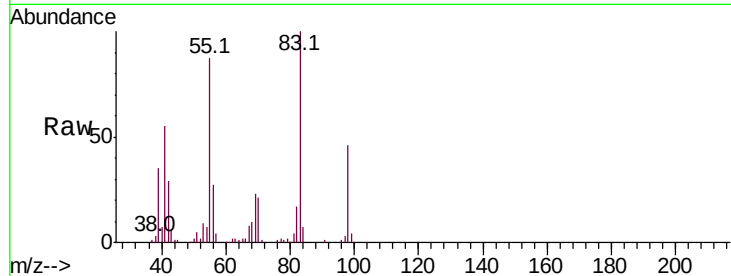




#39
Methylvlcyclohexane
Concen: 17.549 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

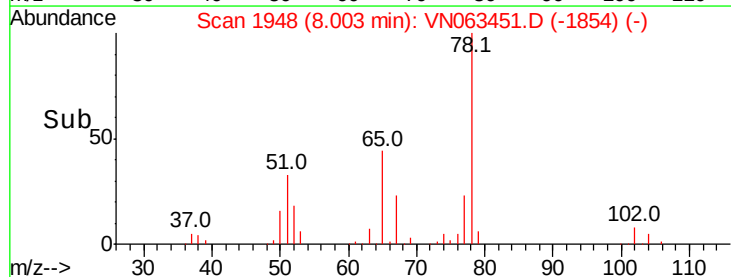
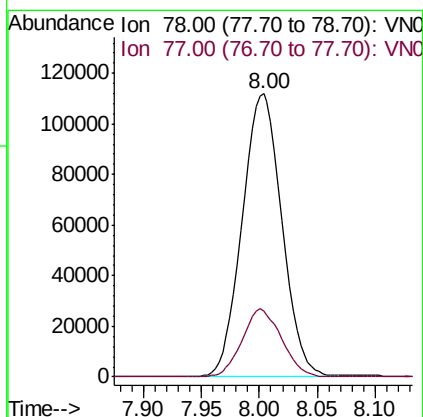
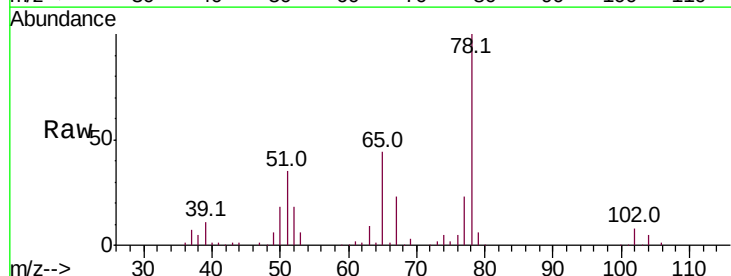
Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

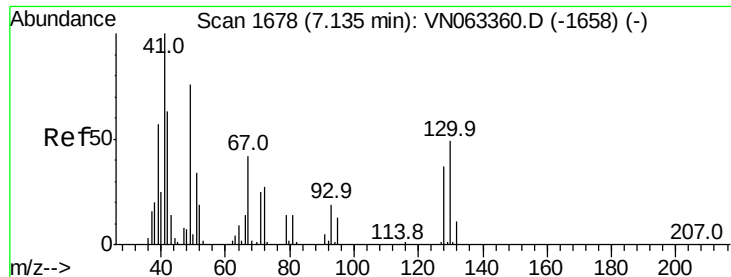
Tot Ion: 83 Resp: 97894
Ion Ratio Lower Upper
83 100
55 86.9 65.5 98.3
98 46.0 34.2 51.4



#40
Benzene
Concen: 18.236 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion: 78 Resp: 267558
Ion Ratio Lower Upper
78 100
77 23.3 18.3 27.5

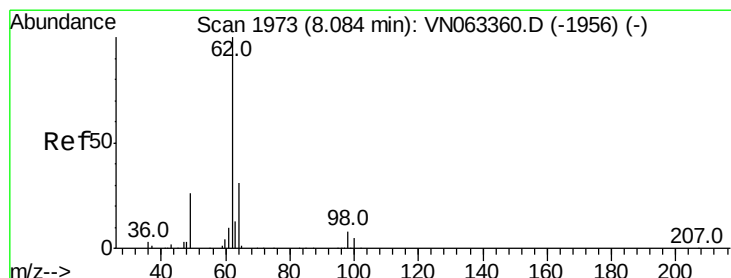
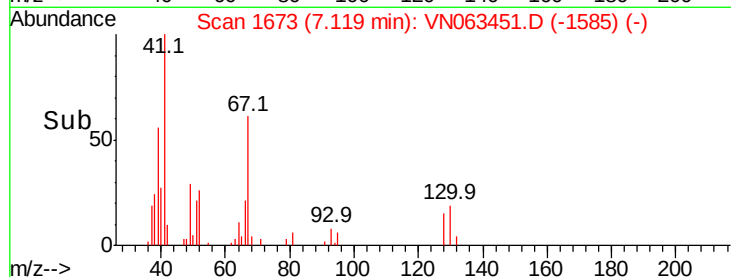
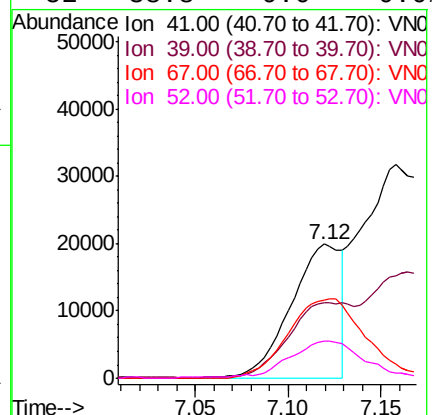
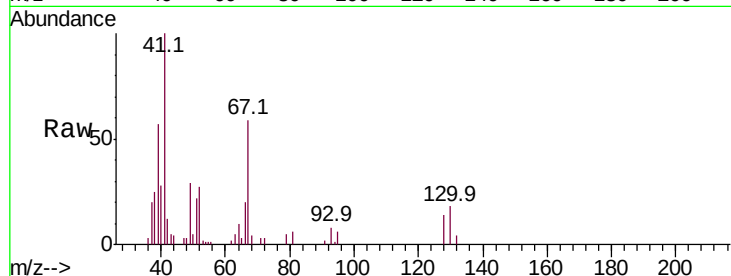




#41
Methacrylonitrile
Concen: 16.665 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.02 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

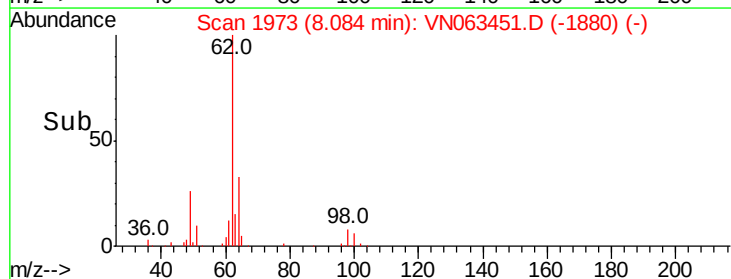
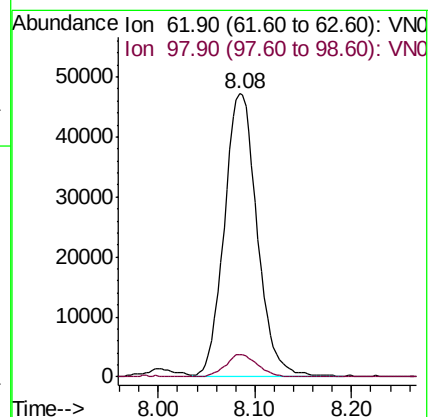
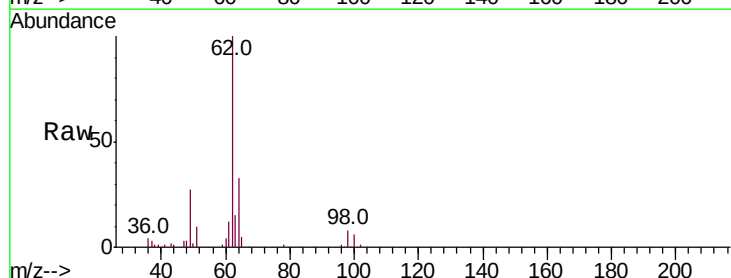
Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

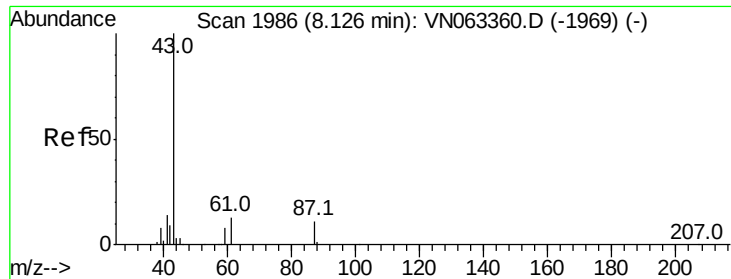
Tot Ion: 41 Resp: 37811
Ion Ratio Lower Upper
41 100
39 71.1 0.0 0.0#
67 92.4 0.0 0.0#
52 38.8 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 18.902 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion: 62 Resp: 111533
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.6





#43

Isopropyl Acetate

Concen: 17.345 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBSD01

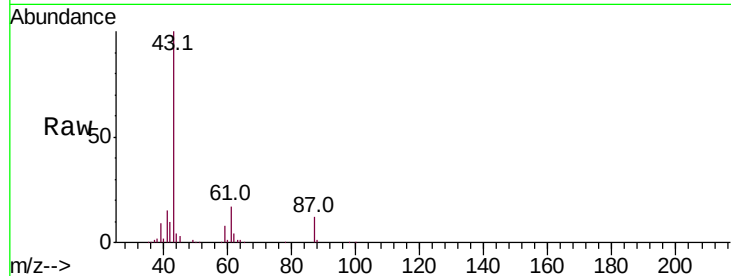
Tot Ion: 43 Resp: 156457

Ion Ratio Lower Upper

43 100

61 17.3 14.2 21.2

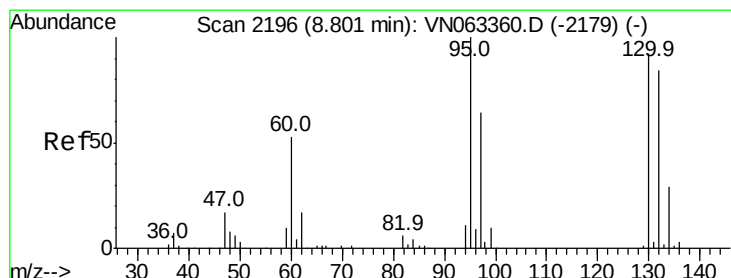
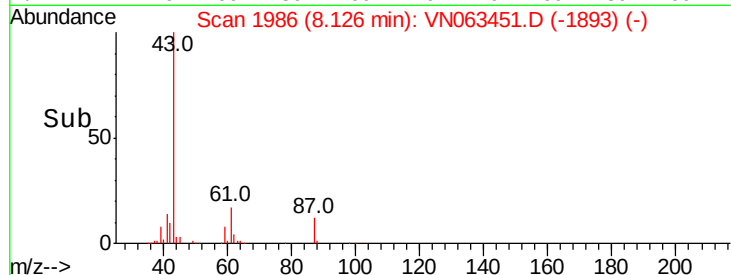
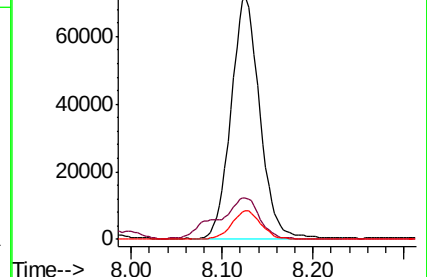
87 12.1 9.0 13.6



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: 19.102 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063451.D

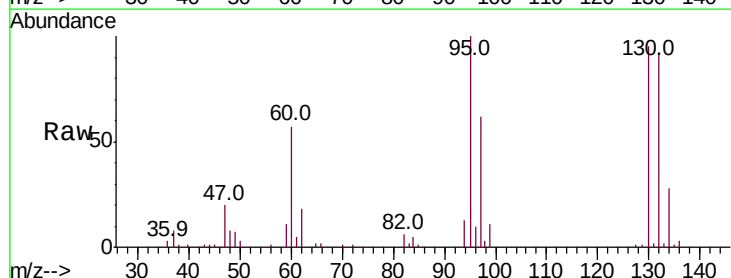
Acq: 18 Sep 2020 12:38

Tgt Ion:130 Resp: 67979

Ion Ratio Lower Upper

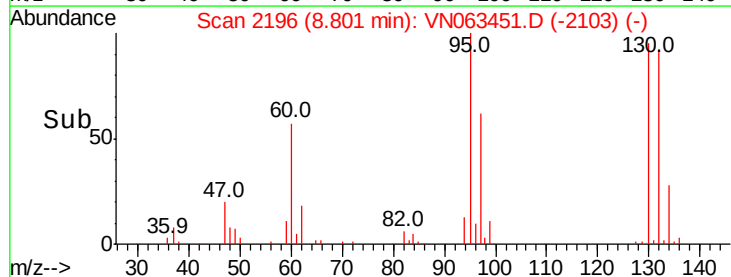
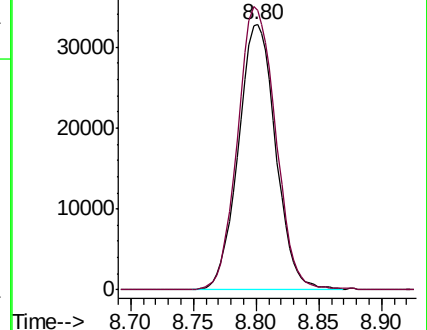
130 100

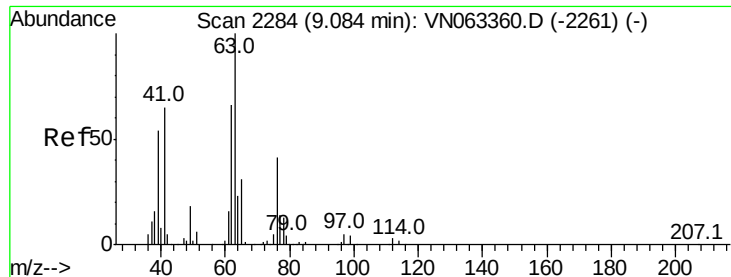
95 105.6 0.0 217.4



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: 18.844 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

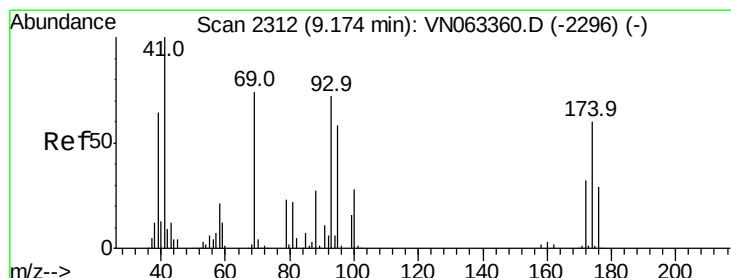
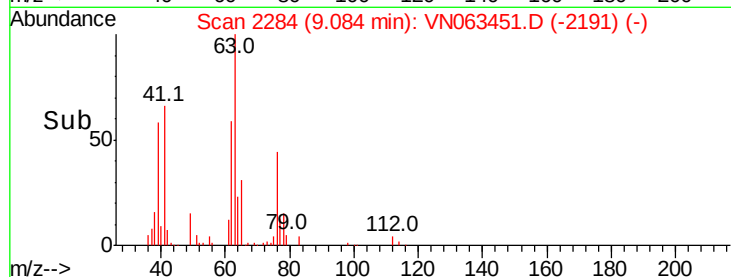
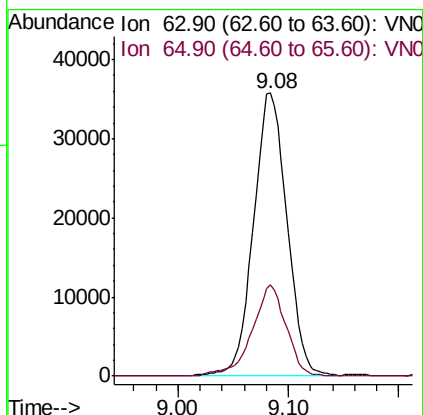
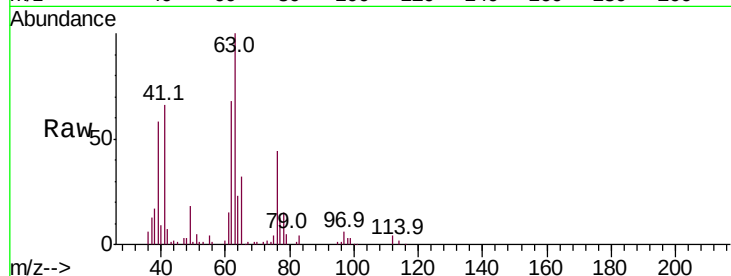
VN0918WBSD01

Tot Ion: 63 Resp: 75301

Ion Ratio Lower Upper

63 100

65 32.1 25.0 37.6



#46

Dibromomethane

Concen: 18.960 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

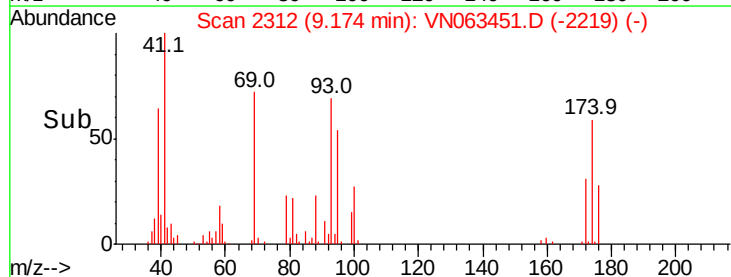
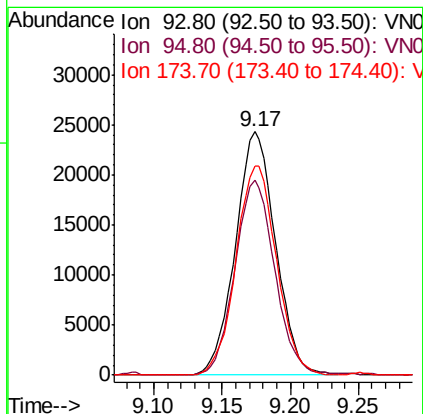
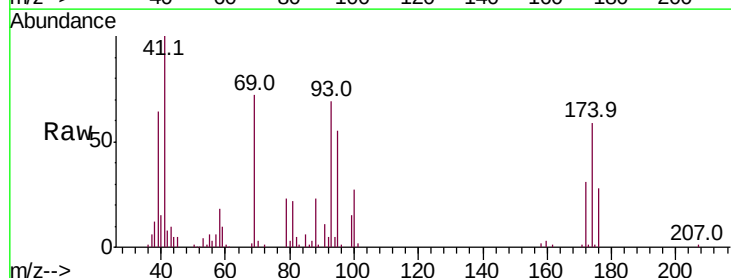
Tgt Ion: 93 Resp: 49799

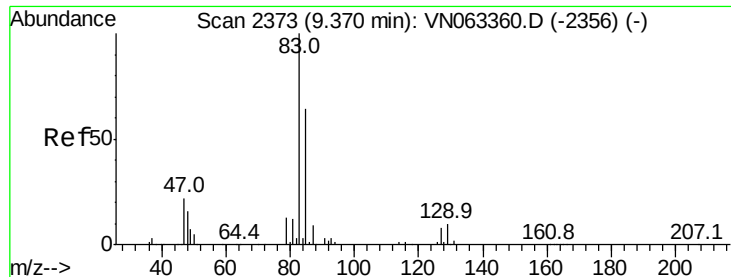
Ion Ratio Lower Upper

93 100

95 79.3 65.6 98.4

174 86.6 68.1 102.1





#47

Bromodichloromethane

Concen: 18.627 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBSD01

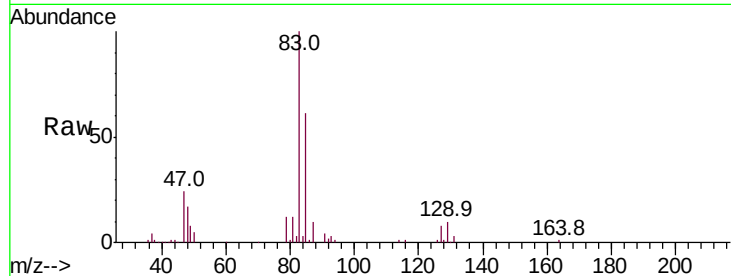
Tot Ion: 83 Resp: 101639

Ion Ratio Lower Upper

83 100

85 60.8 51.0 76.6

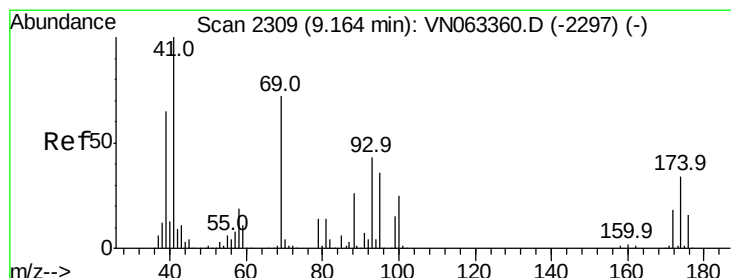
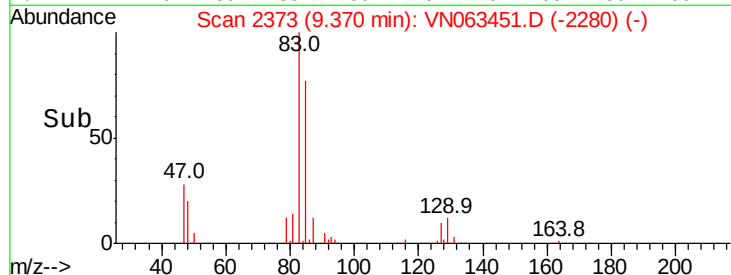
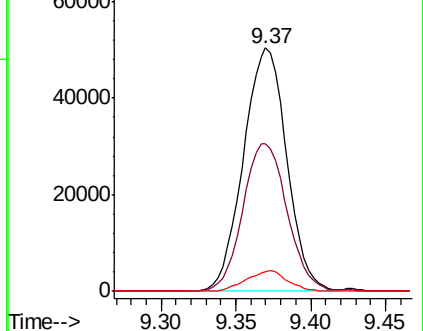
127 8.2 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.669 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

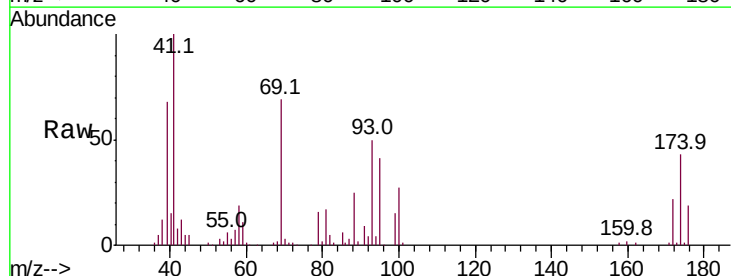
Tgt Ion: 41 Resp: 78302

Ion Ratio Lower Upper

41 100

69 75.0 59.3 88.9

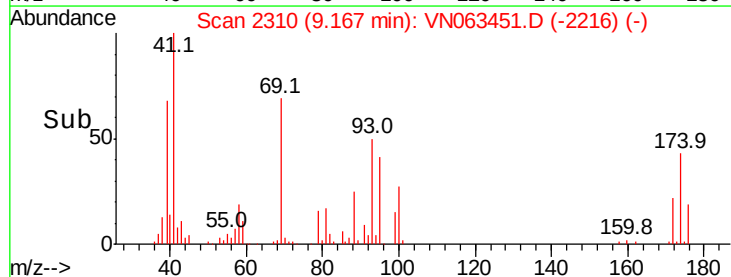
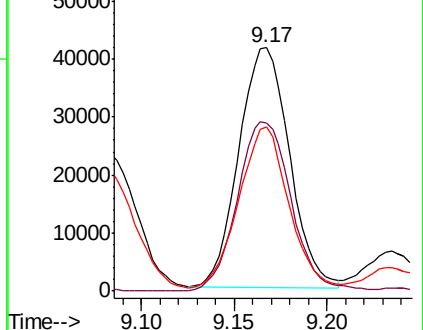
39 68.1 52.9 79.3

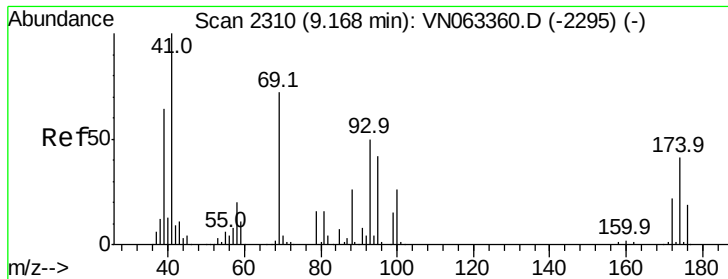


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 347.045 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBSD01

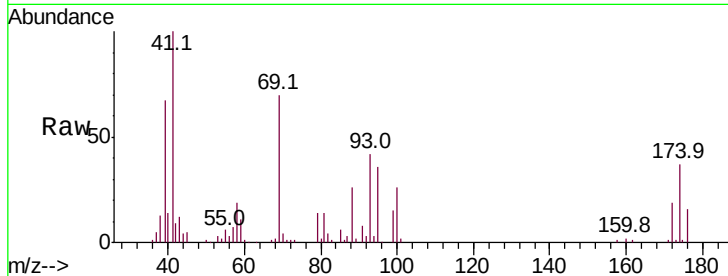
Tot Ion: 88 Resp: 22071

Ion Ratio Lower Upper

88 100

43 41.1 32.6 49.0

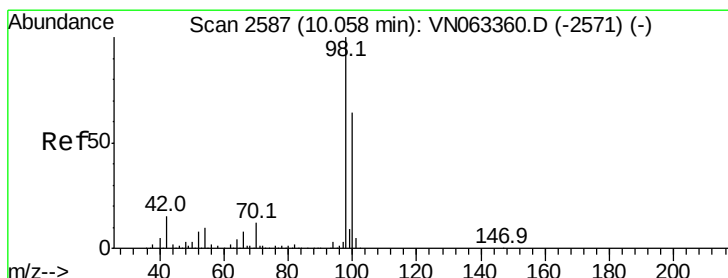
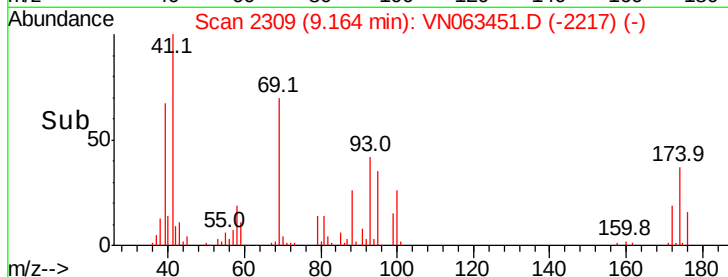
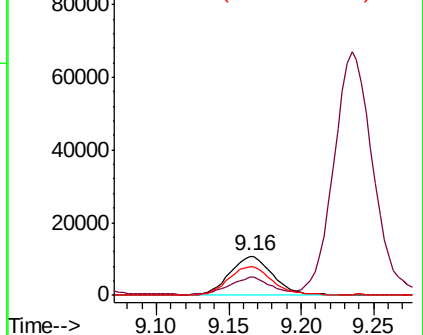
58 75.4 60.0 90.0



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: 46.576 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063451.D

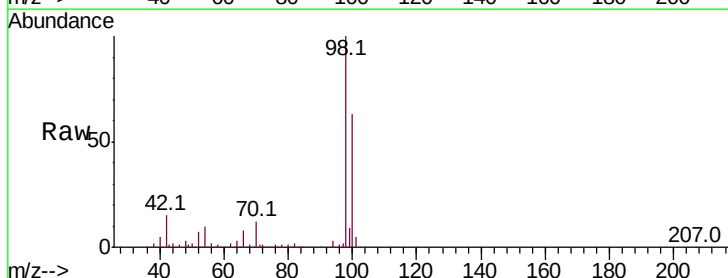
Acq: 18 Sep 2020 12:38

Tgt Ion: 98 Resp: 584932

Ion Ratio Lower Upper

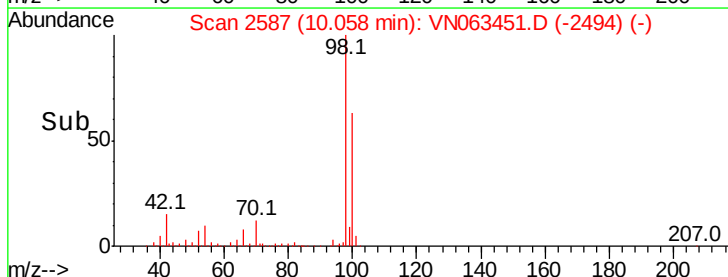
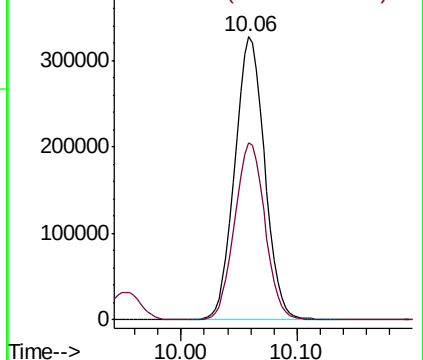
98 100

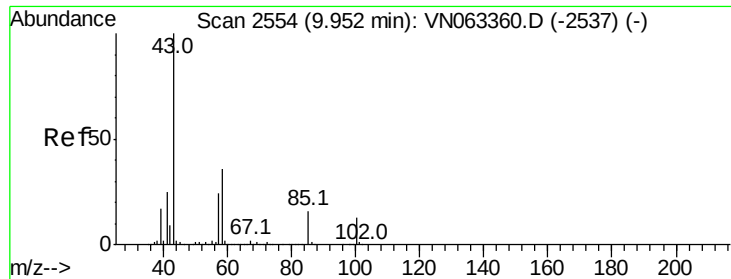
100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

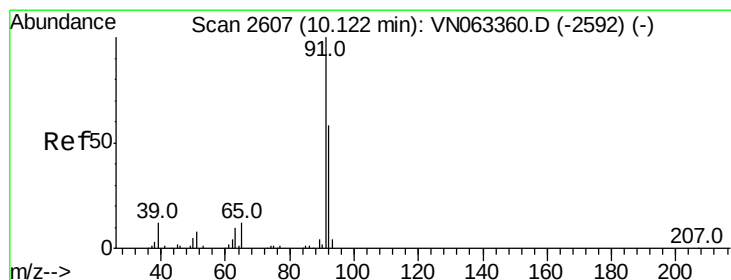
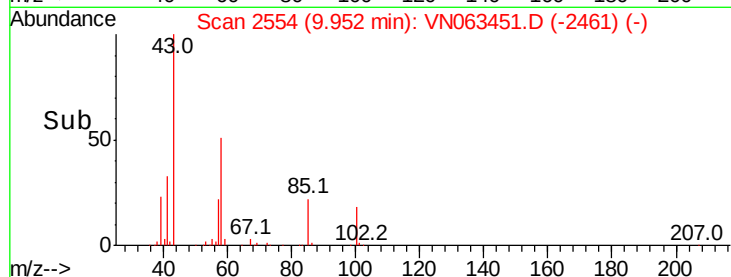
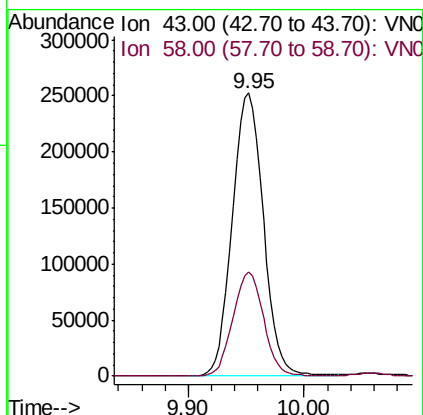
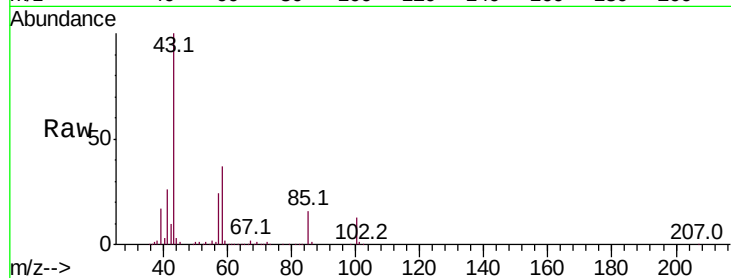




#51
 4-Methyl-2-Pentanone
 Concen: 92.513 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

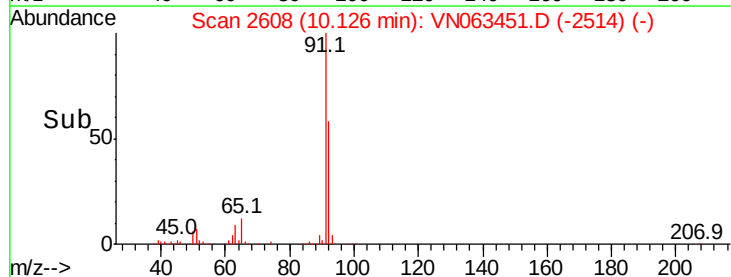
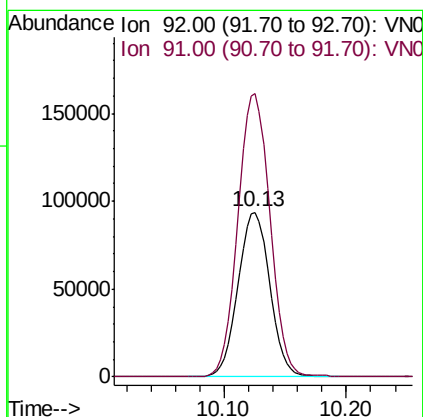
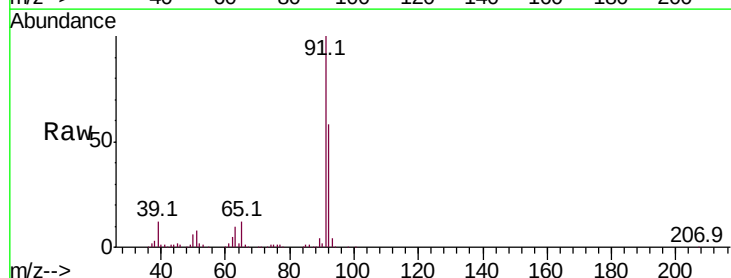
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD01

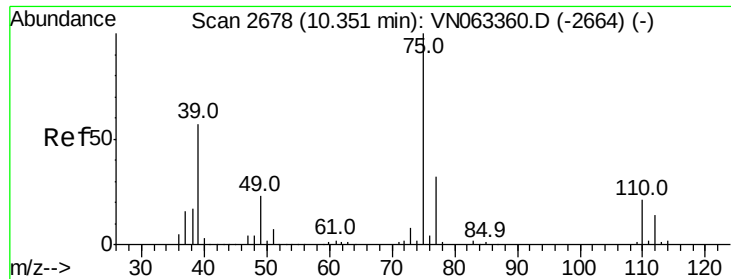
Tot Ion: 43 Resp: 467173
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.0 43.6



#52
 Toluene
 Concen: 19.178 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Tgt Ion: 92 Resp: 169179
 Ion Ratio Lower Upper
 92 100
 91 173.5 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 18.189 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

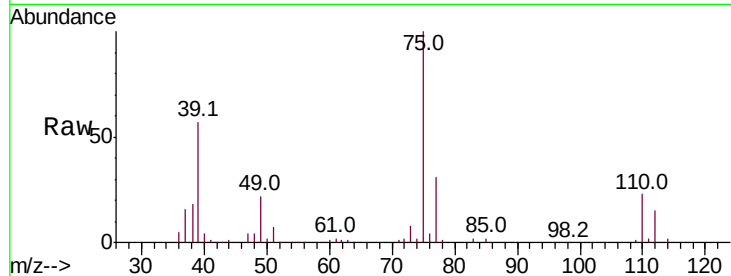
VN0918WBSD01

Tot Ion: 75 Resp: 110795

Ion Ratio Lower Upper

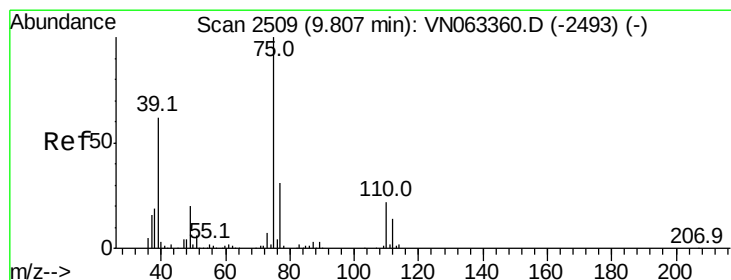
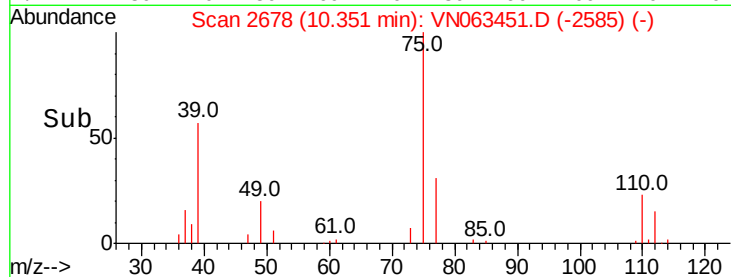
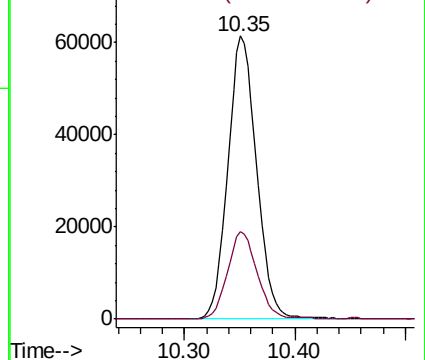
75 100

77 30.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.376 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

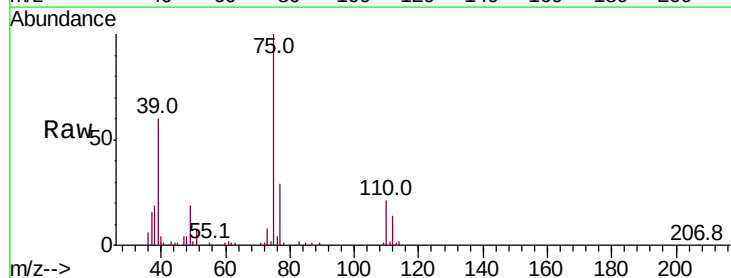
Tgt Ion: 75 Resp: 118068

Ion Ratio Lower Upper

75 100

77 29.2 24.6 37.0

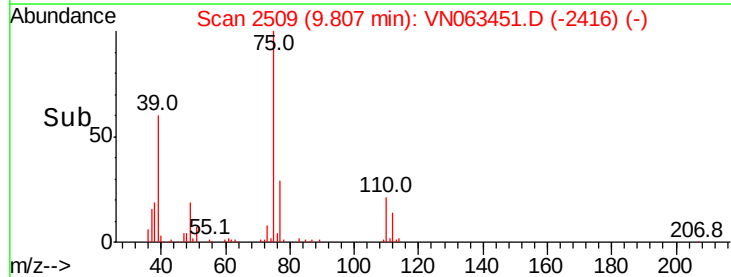
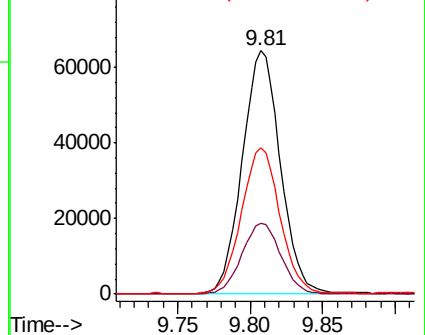
39 60.2 49.8 74.8

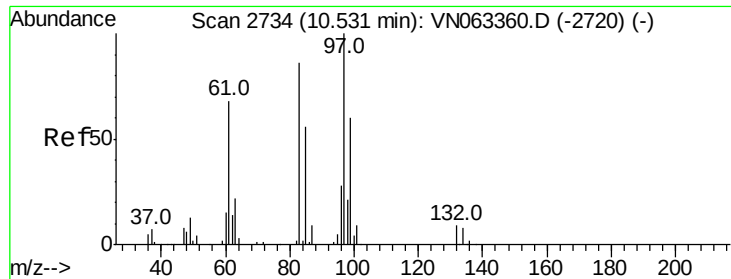


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

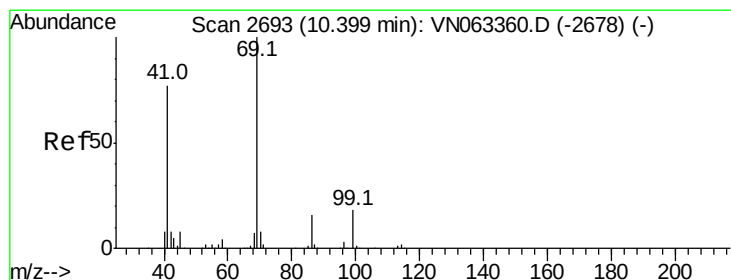
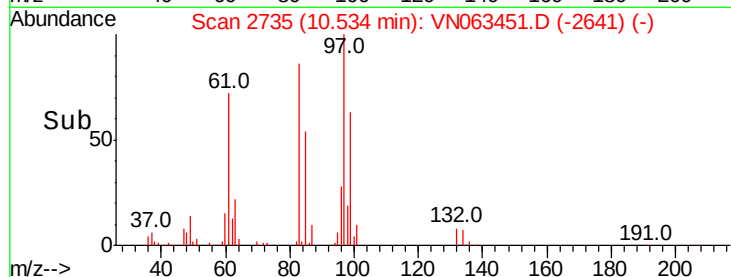
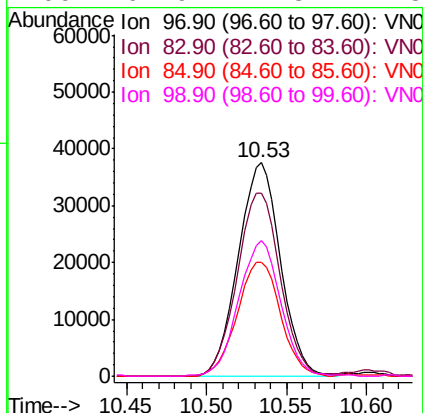
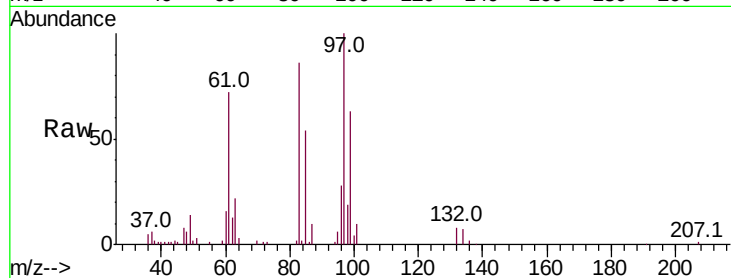




#55
 1,1,2-Trichloroethane
 Concen: 19.377 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

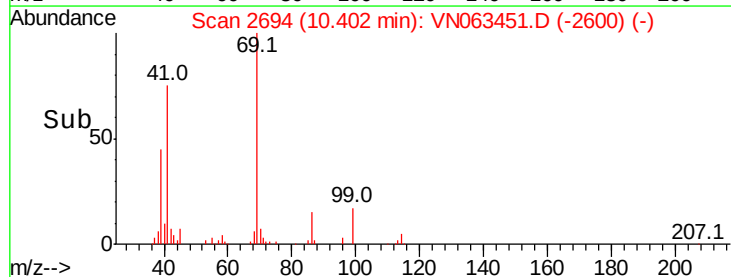
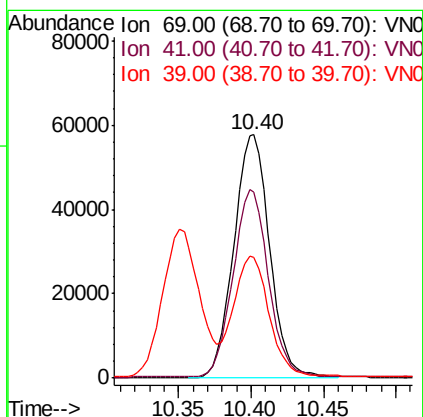
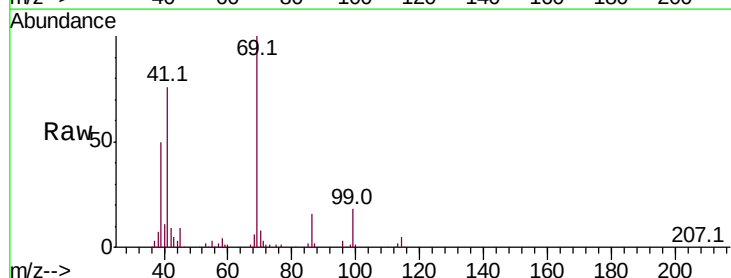
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD01

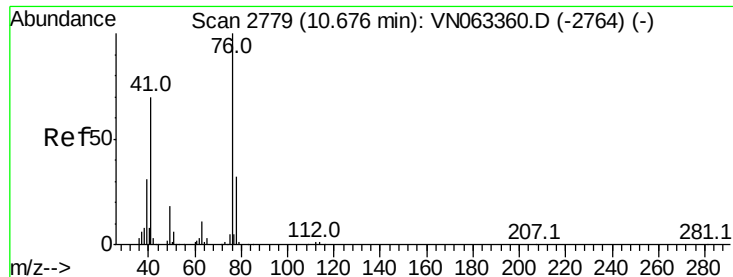
Tot Ion:	97	Resp:	67897
Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.9	103.3
85	53.5	44.8	67.2
99	62.9	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 18.224 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Tgt Ion:	69	Resp:	99686
Ion	Ratio	Lower	Upper
69	100		
41	75.4	61.0	91.6
39	48.6	39.2	58.8





#57

1,3-Dichloropropane

Concen: 18.316 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

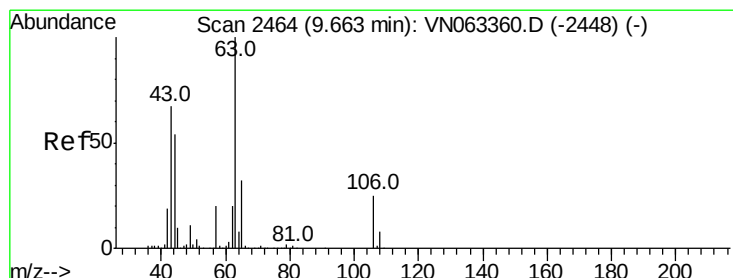
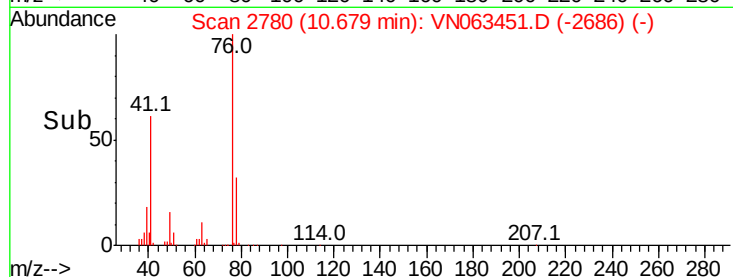
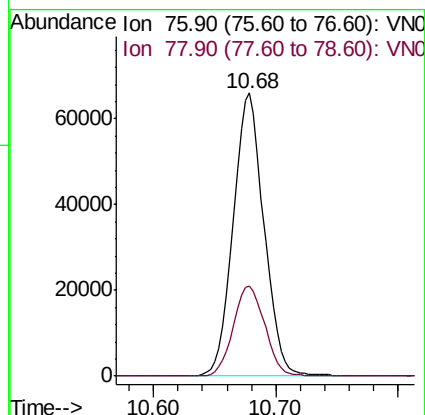
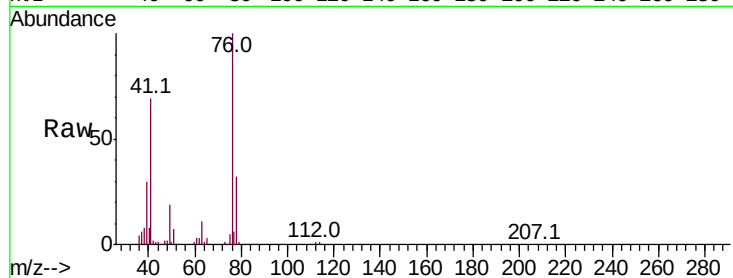
VN0918WBSD01

Tot Ion: 76 Resp: 115734

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 90.274 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063451.D

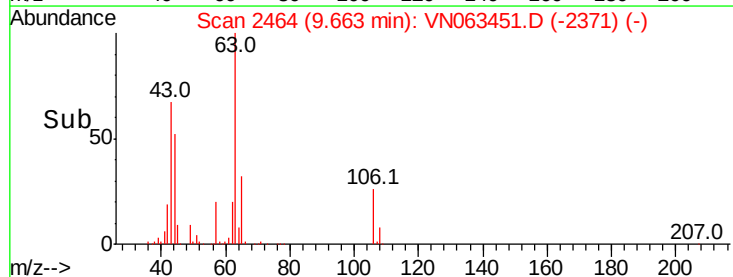
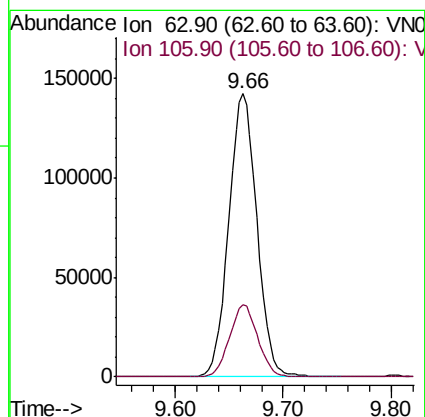
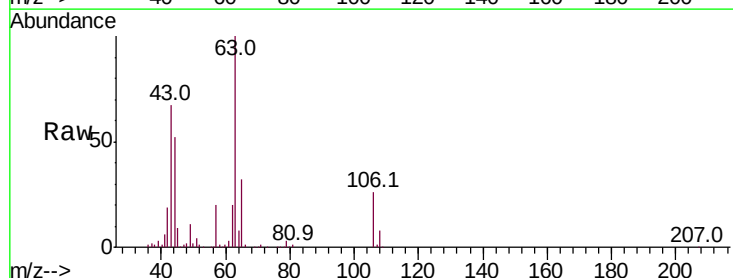
Acq: 18 Sep 2020 12:38

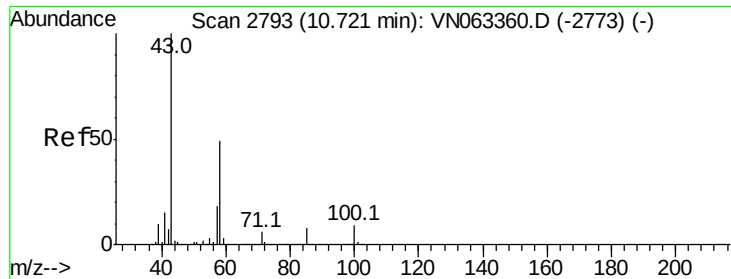
Tgt Ion: 63 Resp: 259041

Ion Ratio Lower Upper

63 100

106 25.5 19.5 29.3

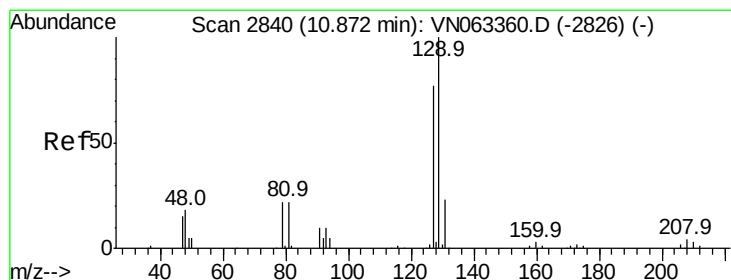
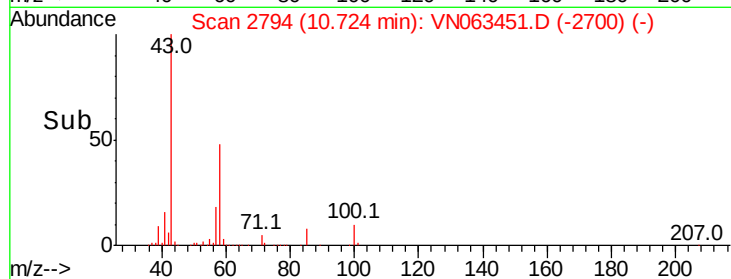
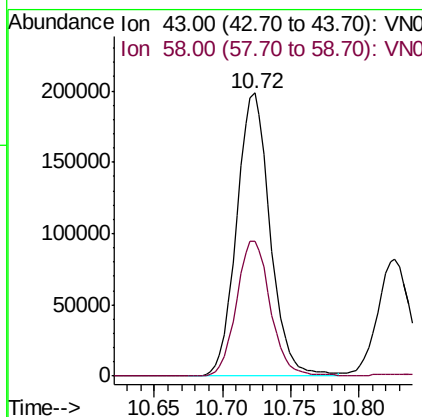
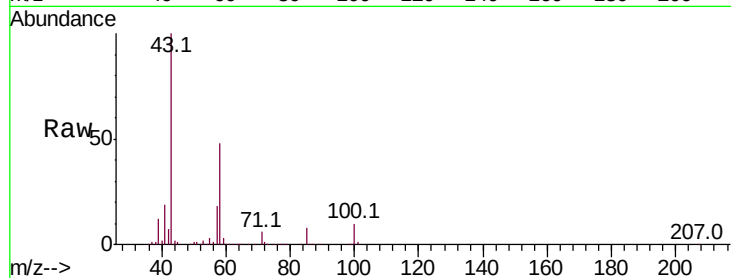




#59
2-Hexanone
Concen: 92.149 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

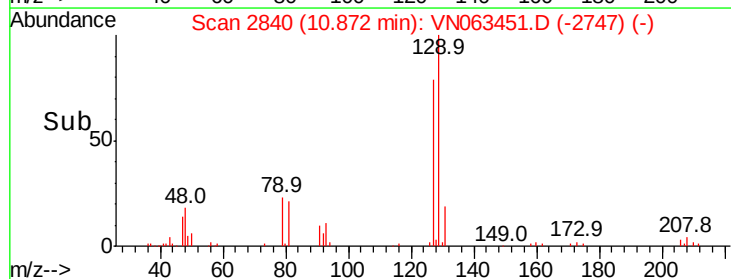
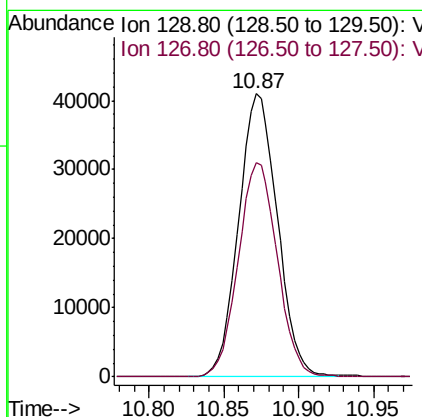
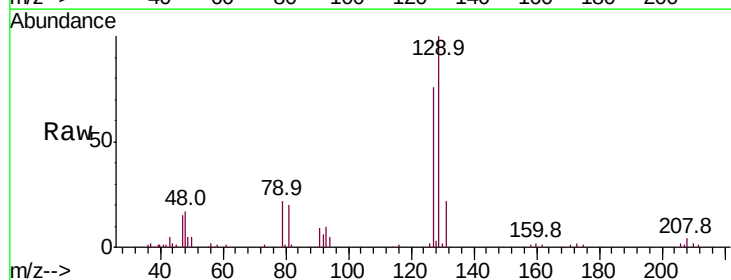
Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

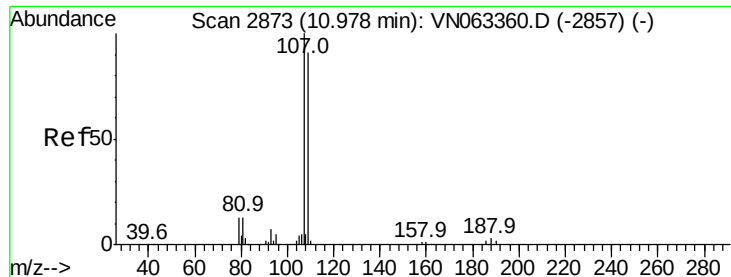
Tot Ion: 43 Resp: 337119
Ion Ratio Lower Upper
43 100
58 48.8 24.7 74.1



#60
Dibromochloromethane
Concen: 18.680 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion: 129 Resp: 73946
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.3





#61

1,2-Dibromoethane

Concen: 19.072 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

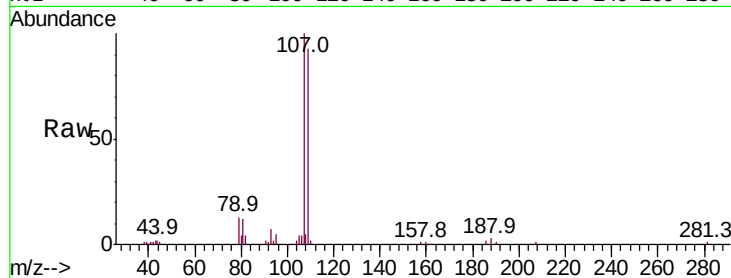
VN0918WBSD01

Tot Ion:107 Resp: 69429

Ion Ratio Lower Upper

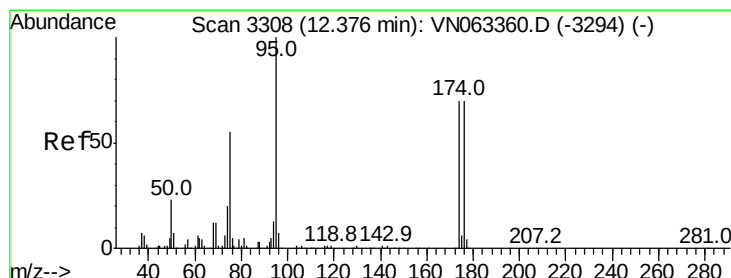
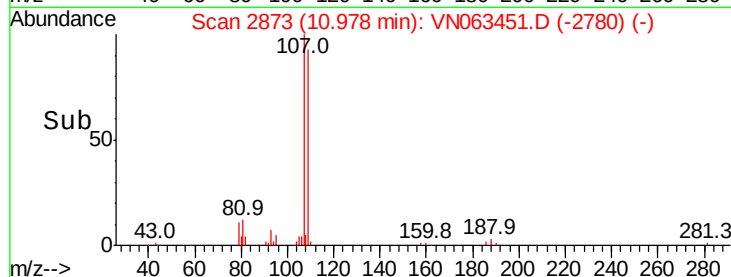
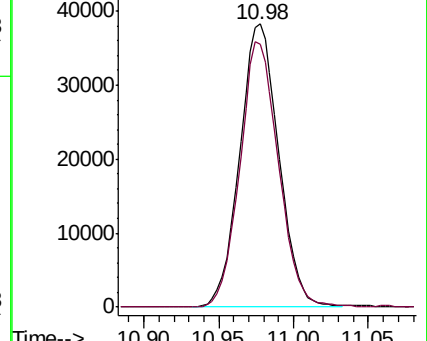
107 100

109 92.7 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.661 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

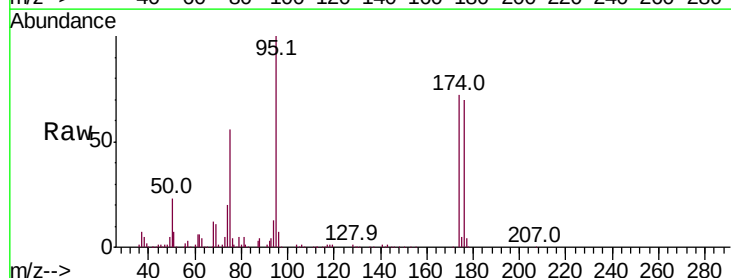
Tgt Ion: 95 Resp: 219422

Ion Ratio Lower Upper

95 100

174 71.6 0.0 140.8

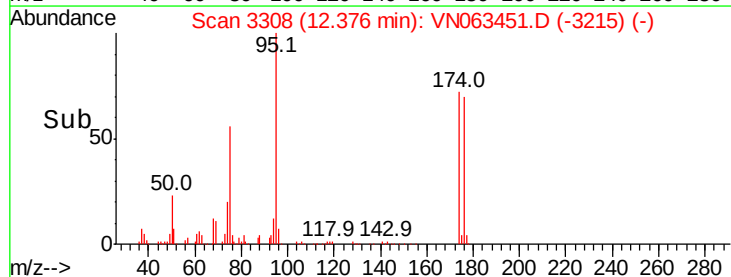
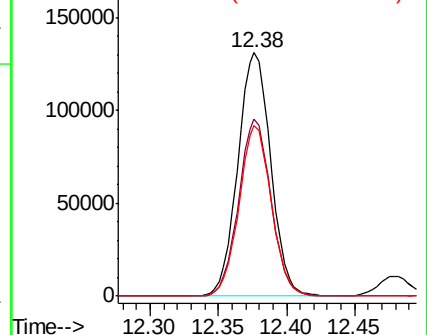
176 68.9 0.0 137.6

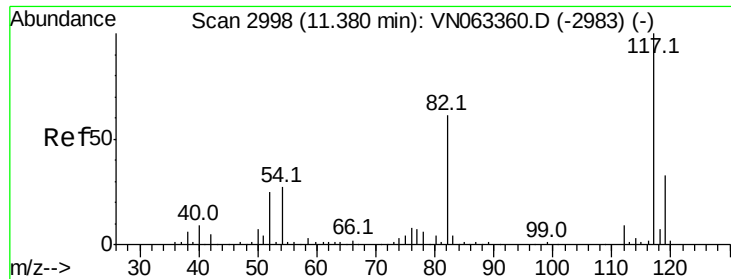


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

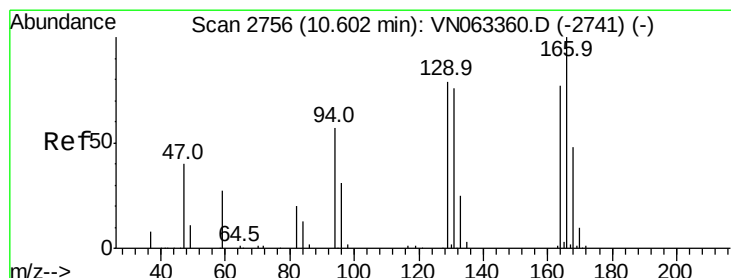
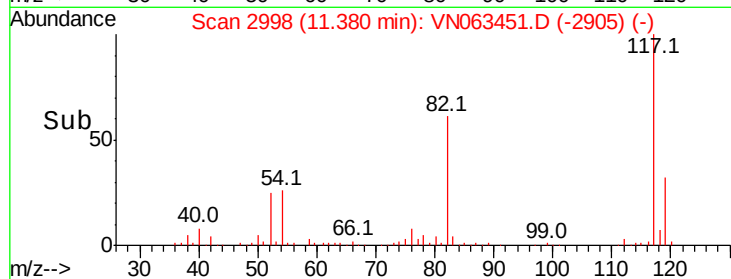
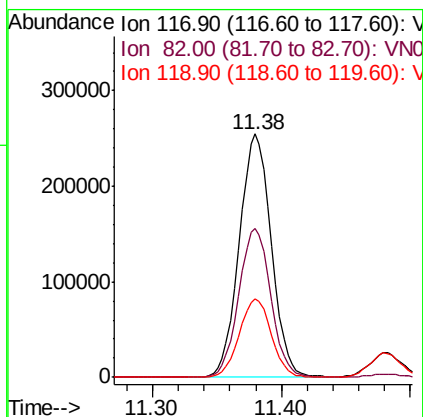
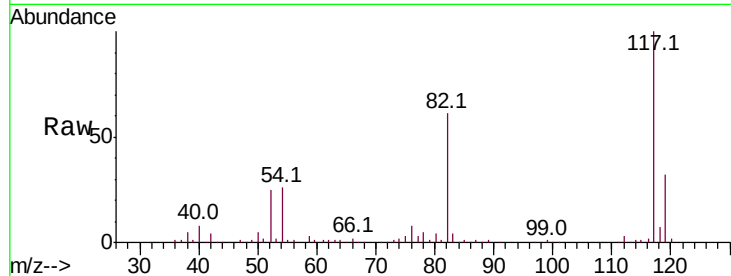




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

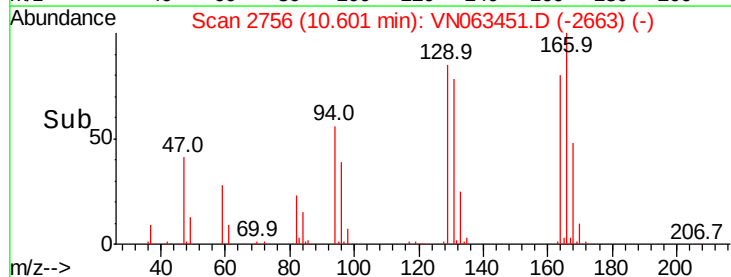
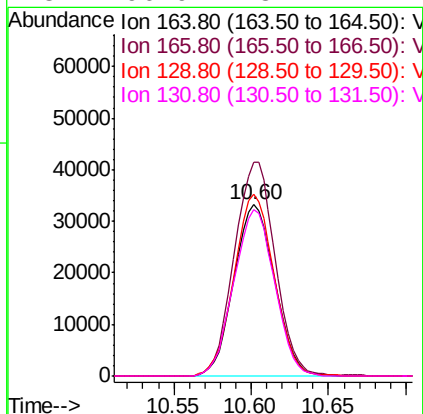
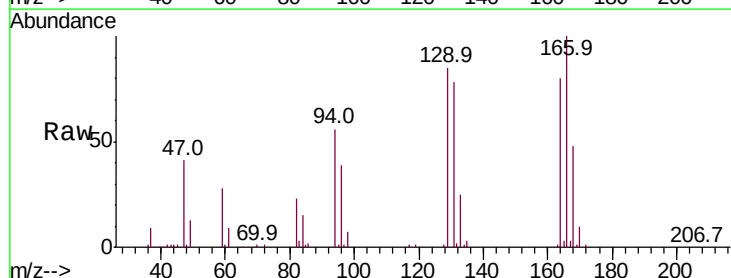
Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

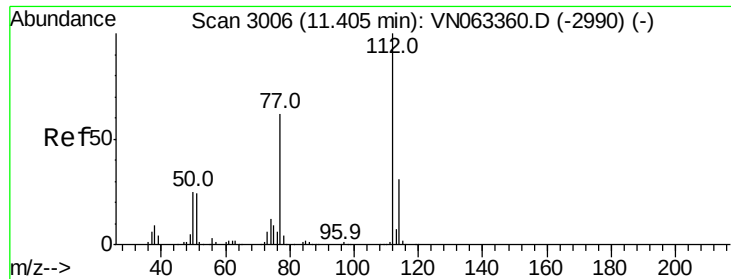
Tot Ion:117 Resp: 440779
Ion Ratio Lower Upper
117 100
82 61.2 49.2 73.8
119 32.2 26.2 39.4



#64
Tetrachloroethene
Concen: 20.239 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion:164 Resp: 60745
Ion Ratio Lower Upper
164 100
166 124.8 103.4 155.0
129 106.1 81.8 122.6
131 96.9 78.2 117.4

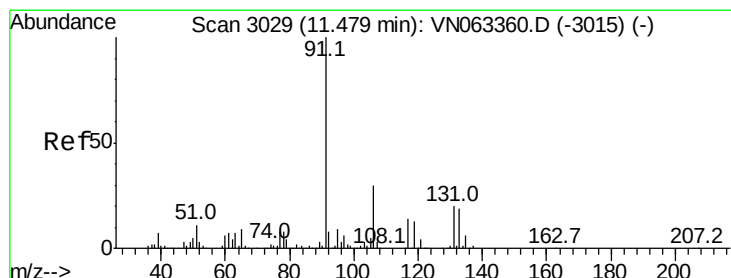
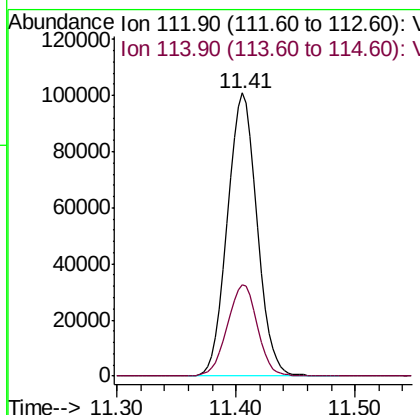
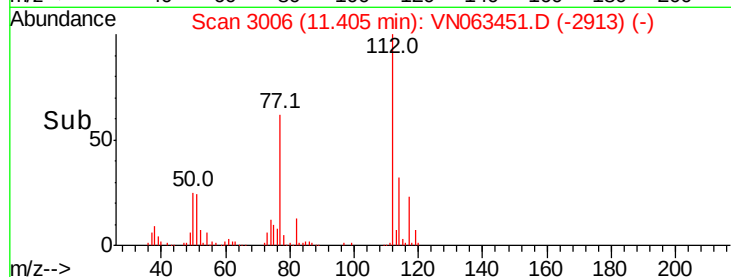
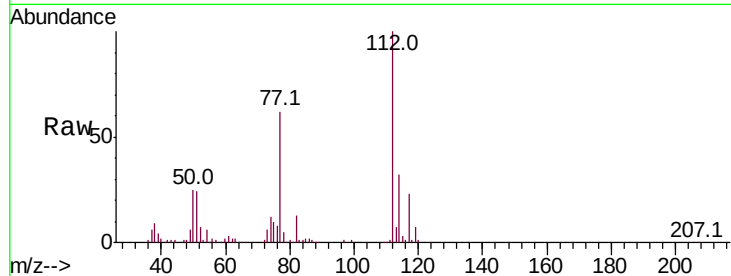




#65
Chlorobenzene
Concen: 18.617 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

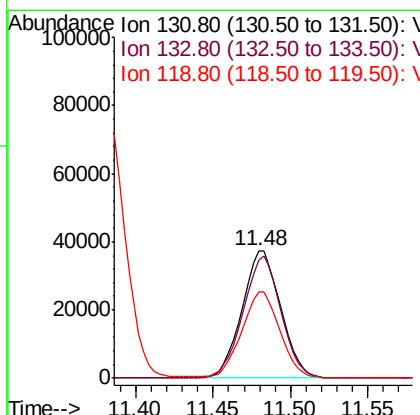
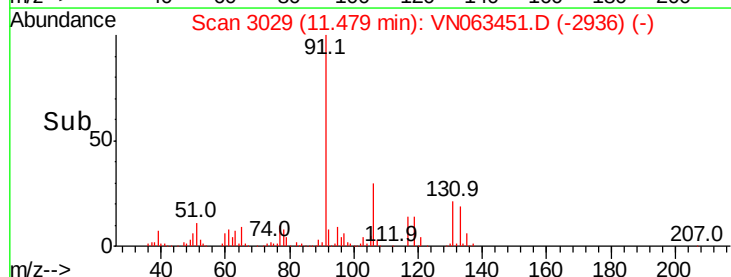
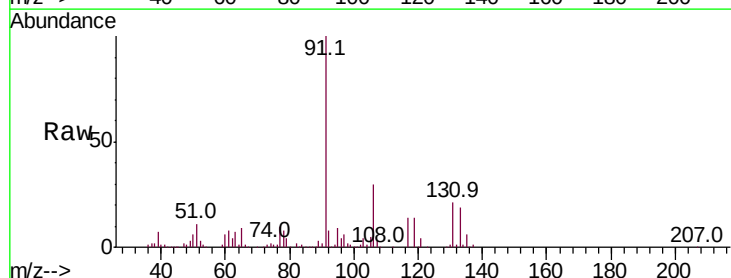
Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

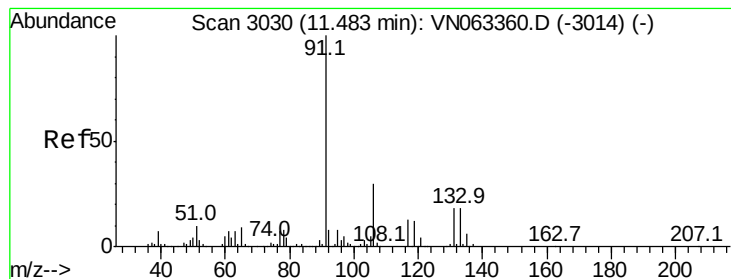
Tot Ion:112 Resp: 174190
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.002 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion:131 Resp: 65171
Ion Ratio Lower Upper
131 100
133 93.7 47.3 141.9
119 67.1 33.6 100.8





#67

Ethyl Benzene

Concen: 18.348 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

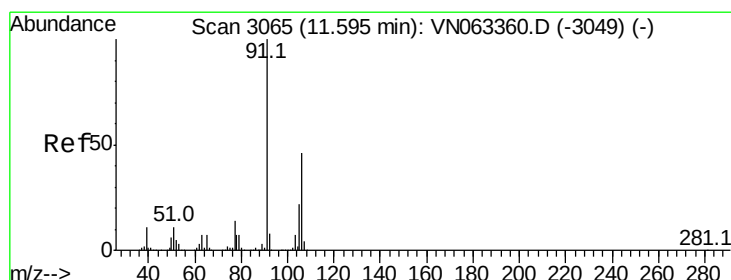
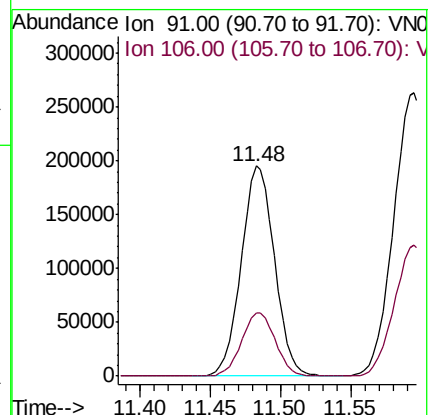
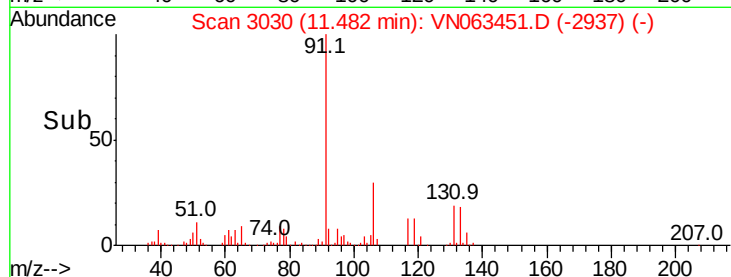
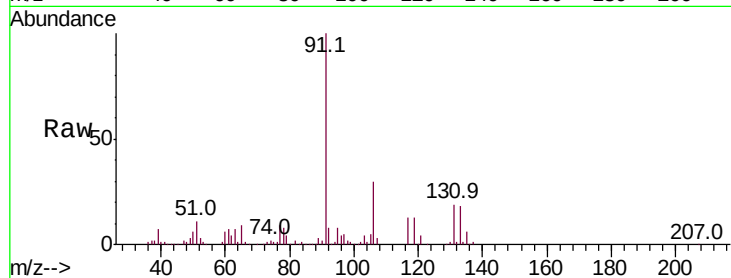
VN0918WBSD01

Tot Ion: 91 Resp: 323300

Ion Ratio Lower Upper

91 100

106 30.1 23.8 35.6



#68

m/p-Xylenes

Concen: 37.178 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063451.D

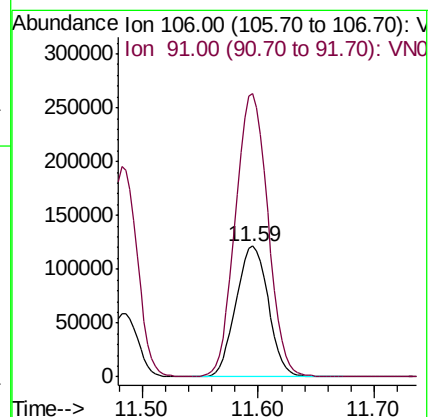
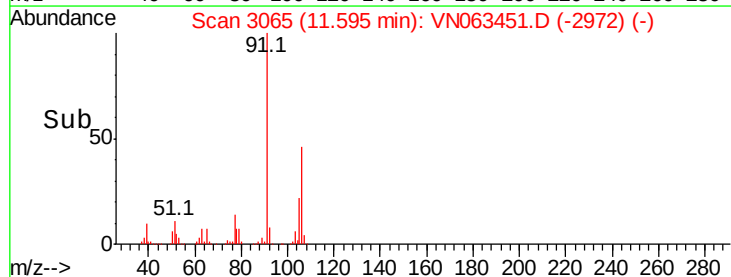
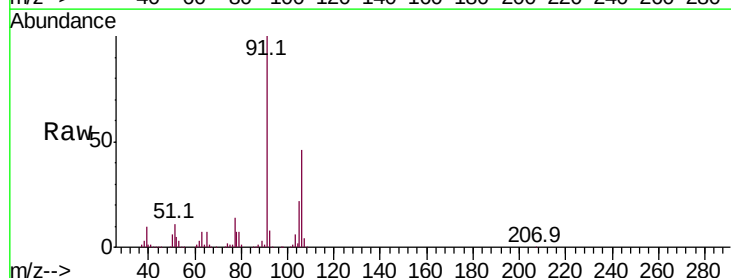
Acq: 18 Sep 2020 12:38

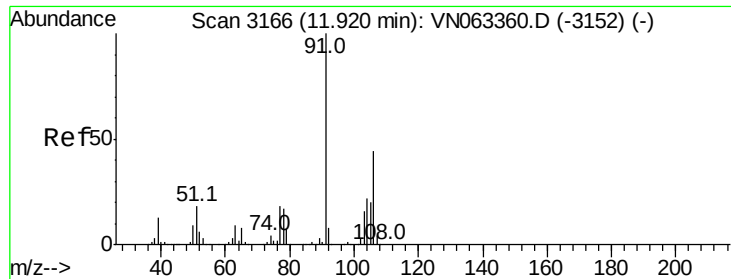
Tgt Ion: 106 Resp: 236189

Ion Ratio Lower Upper

106 100

91 215.6 171.2 256.8

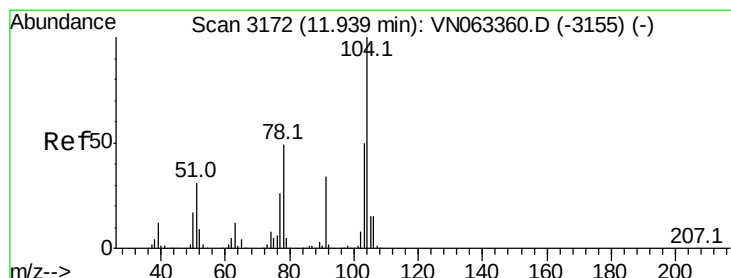
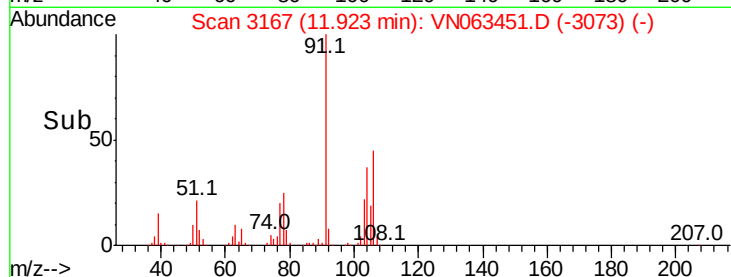
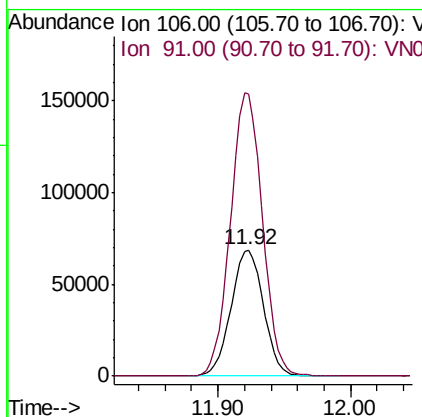
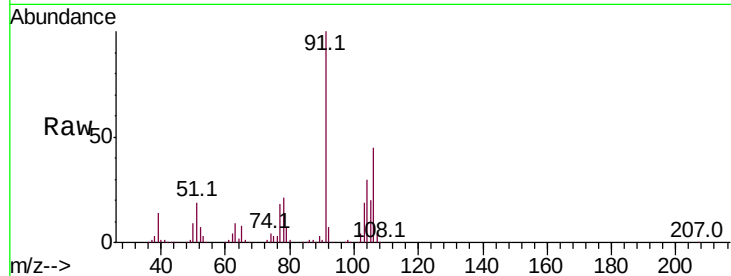




#69
o-Xylene
Concen: 19.286 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

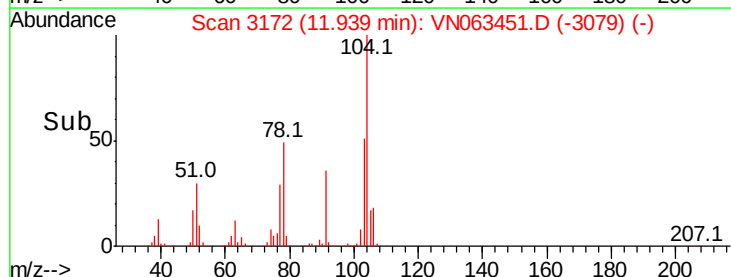
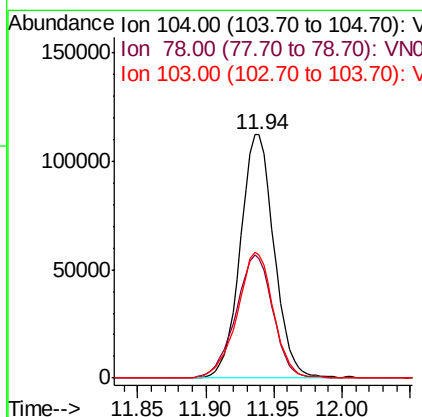
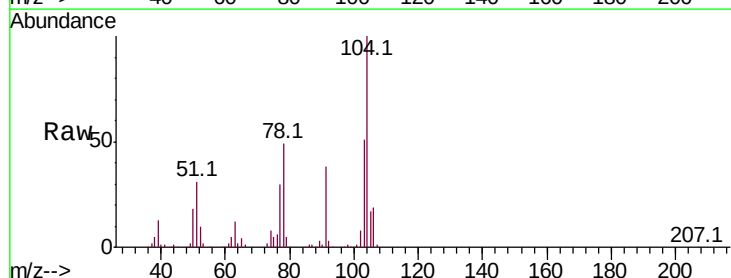
Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

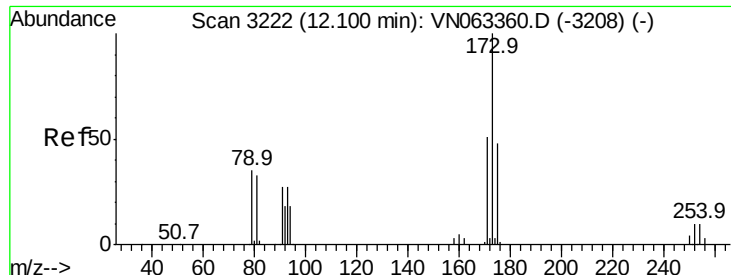
Tot Ion:106 Resp: 116715
Ion Ratio Lower Upper
106 100
91 221.8 113.6 340.8



#70
Styrene
Concen: 19.068 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion:104 Resp: 193522
Ion Ratio Lower Upper
104 100
78 55.6 44.4 66.6
103 55.3 43.7 65.5

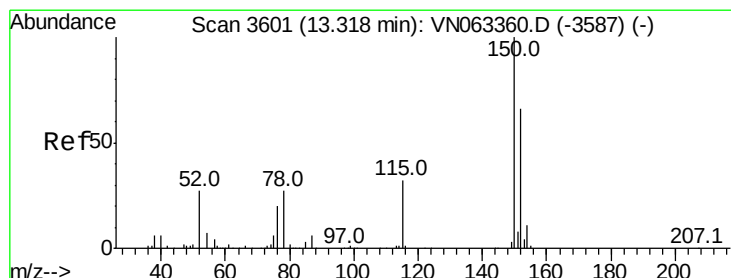
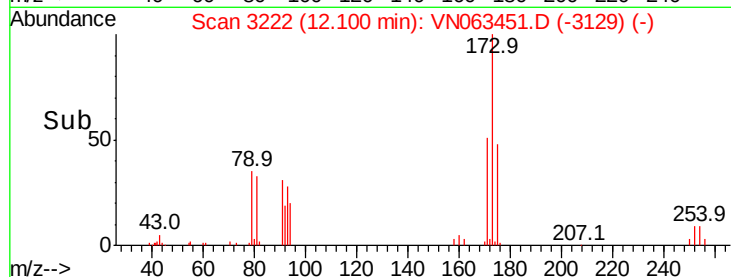
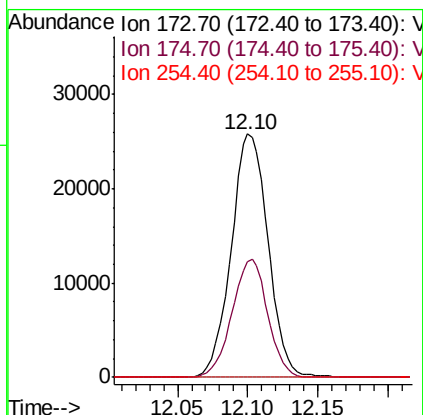
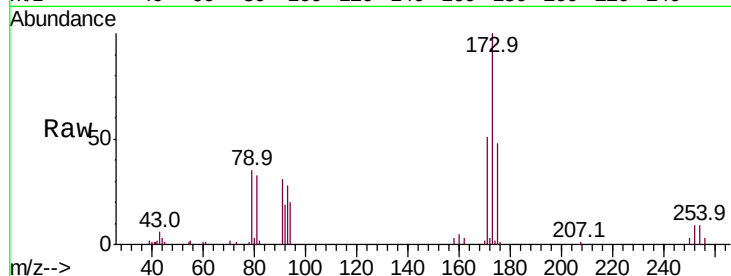




#71
Bromoform
Concen: 18.446 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

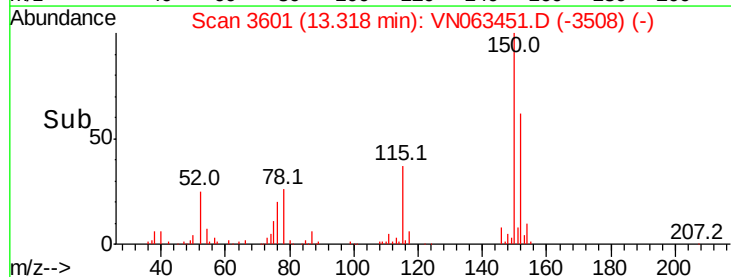
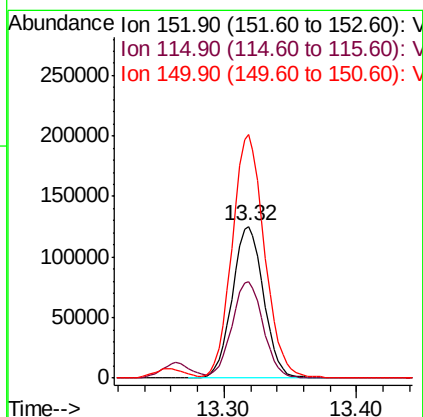
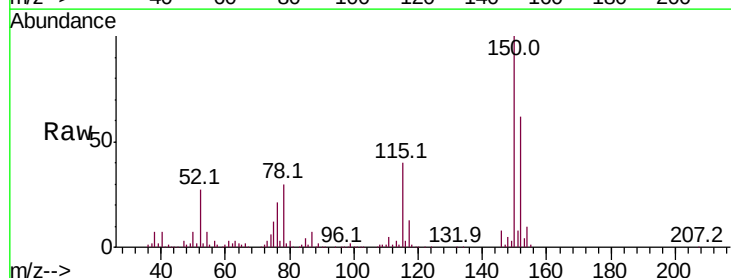
Instrument :
MSVOA_N
ClientSampled :
VN0918WBSD01

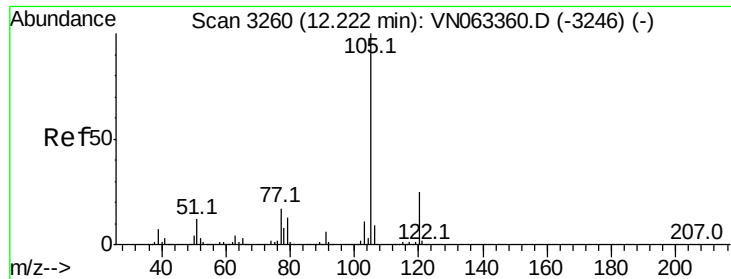
Tot Ion:173 Resp: 47131
Ion Ratio Lower Upper
173 100
175 46.6 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion:152 Resp: 205710
Ion Ratio Lower Upper
152 100
115 64.0 32.2 96.6
150 165.1 0.0 343.4

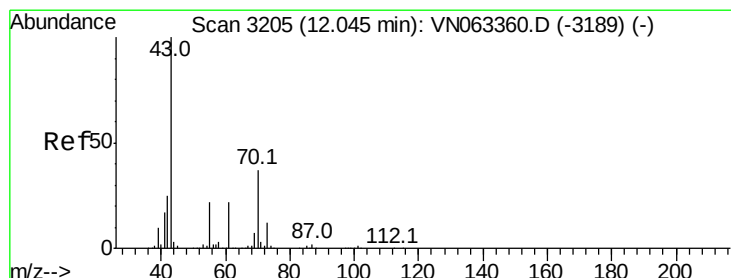
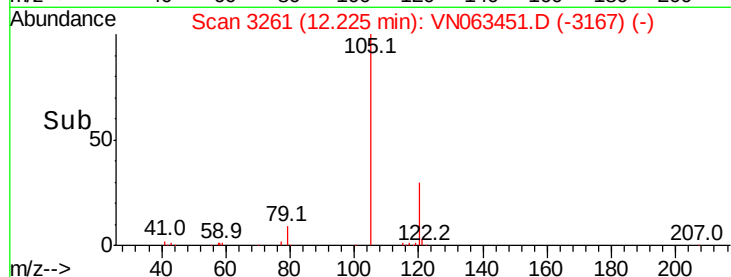
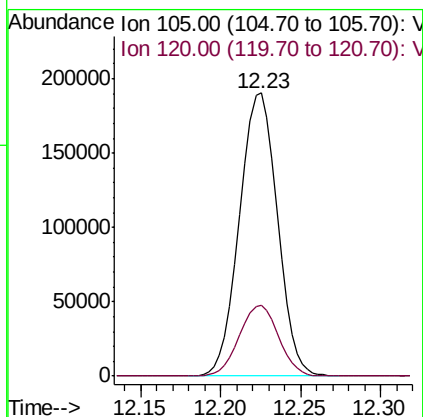
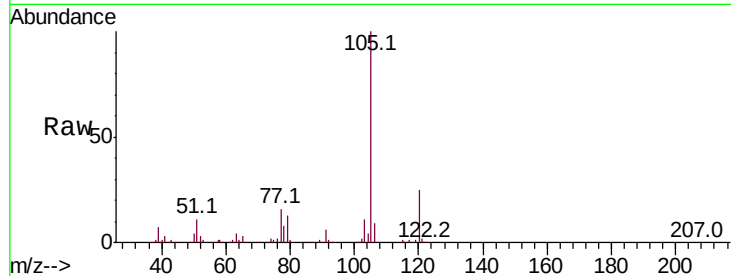




#73
Isopropylbenzene
Concen: 18.716 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

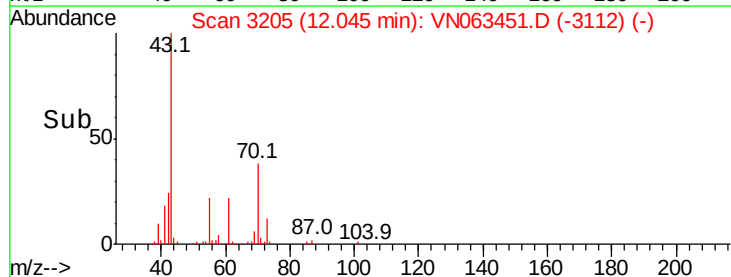
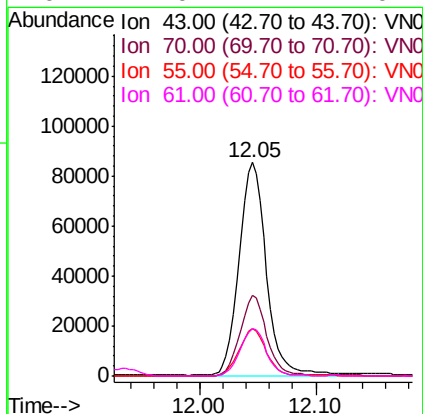
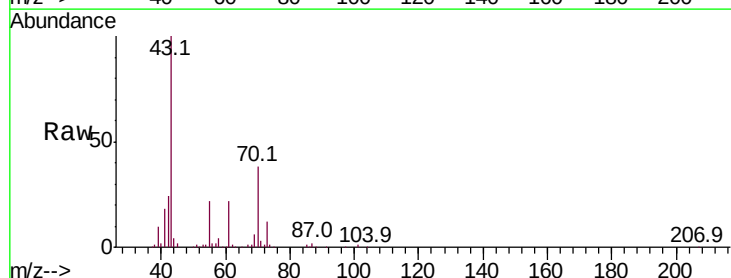
Instrument :
MSVOA_N
ClientSampleId :
VN0918WBSD01

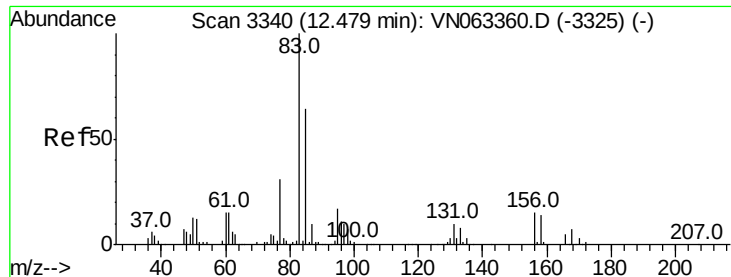
Tot Ion:105 Resp: 308518
Ion Ratio Lower Upper
105 100
120 25.7 12.7 38.0



#74
N-ethyl acetate
Concen: 17.674 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN063451.D
Acq: 18 Sep 2020 12:38

Tgt Ion: 43 Resp: 137912
Ion Ratio Lower Upper
43 100
70 37.8 29.6 44.4
55 21.9 17.7 26.5
61 22.0 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.564 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBSD01

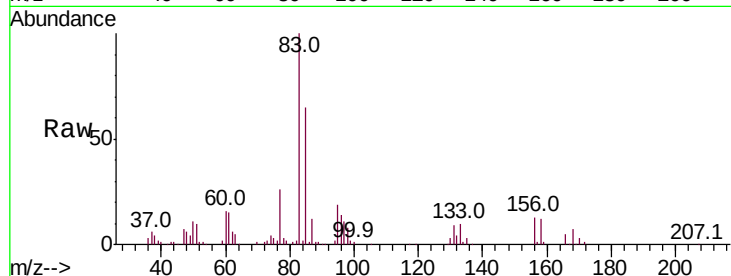
Tot Ion: 83 Resp: 94755

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.7

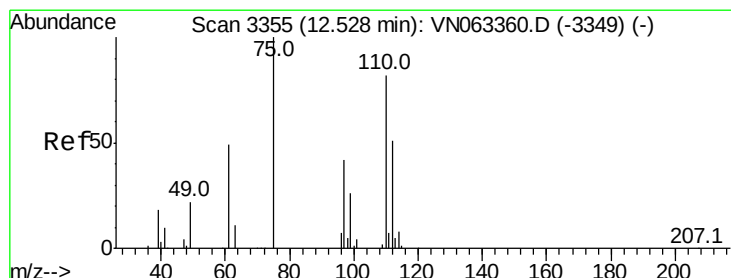
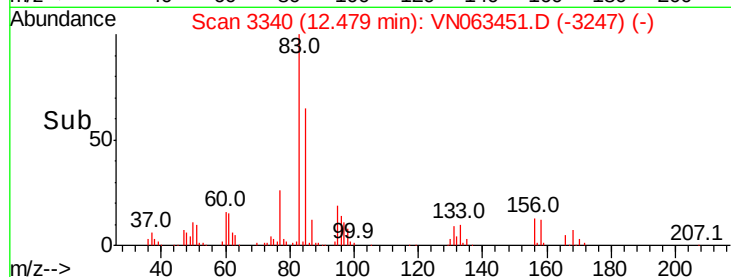
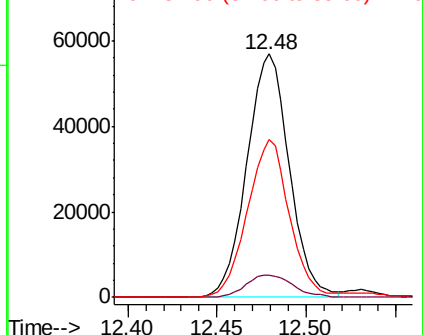
85 63.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063360.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 24.980 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063451.D

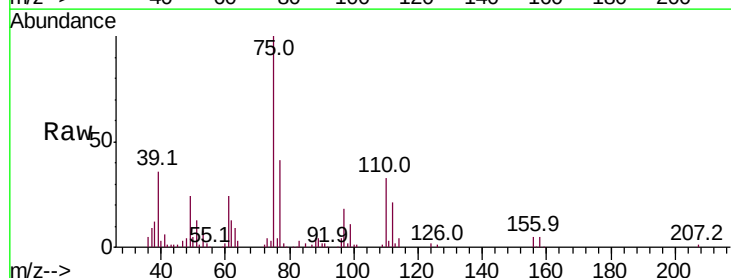
Acq: 18 Sep 2020 12:38

Tgt Ion: 75 Resp: 127187

Ion Ratio Lower Upper

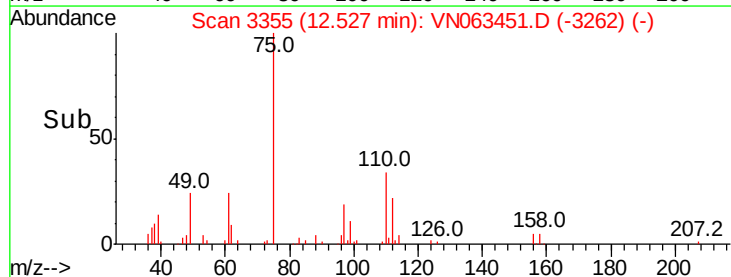
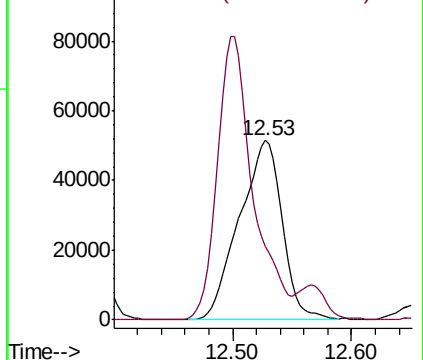
75 100

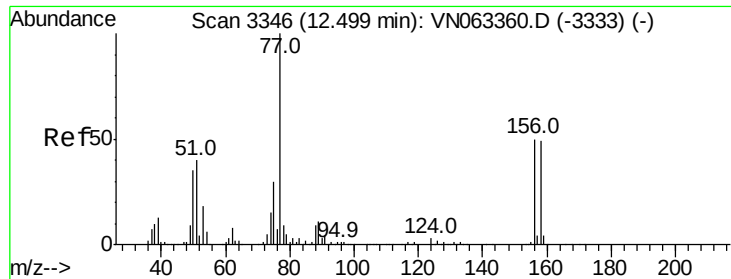
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN063360.D (-3349) (-)





#77

Bromobenzene

Concen: 19.658 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

VN0918WBSD01

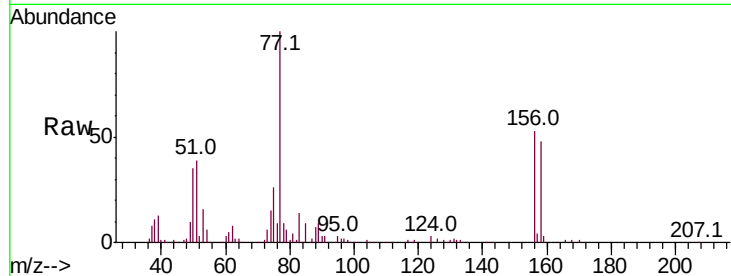
Tot Ion:156 Resp: 72893

Ion Ratio Lower Upper

156 100

77 232.2 120.2 360.6

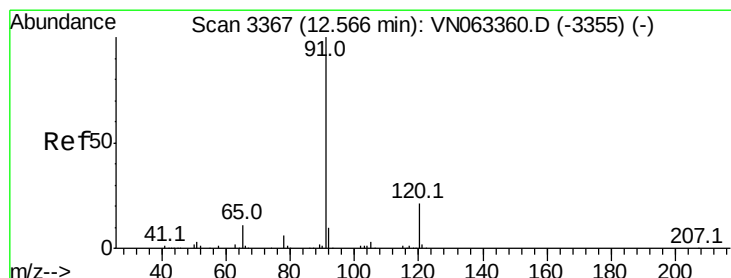
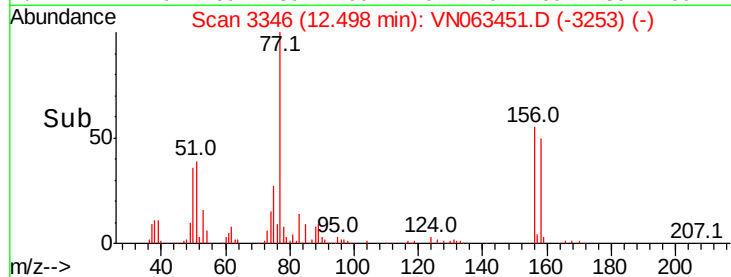
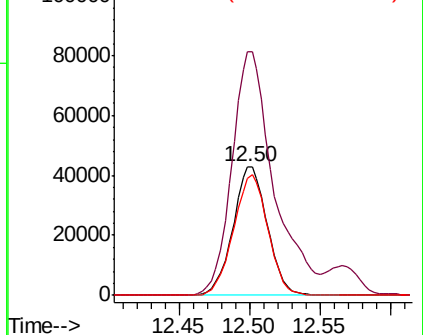
158 94.0 48.9 146.6



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: 19.073 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063451.D

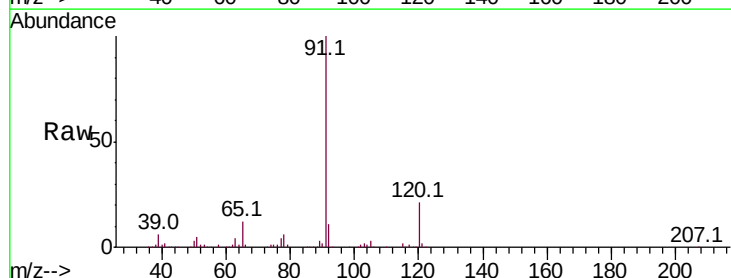
Acq: 18 Sep 2020 12:38

Tgt Ion: 91 Resp: 366199

Ion Ratio Lower Upper

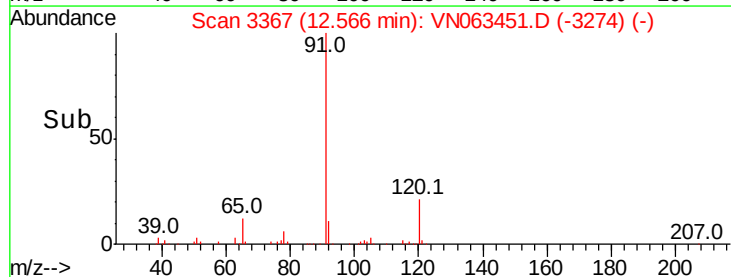
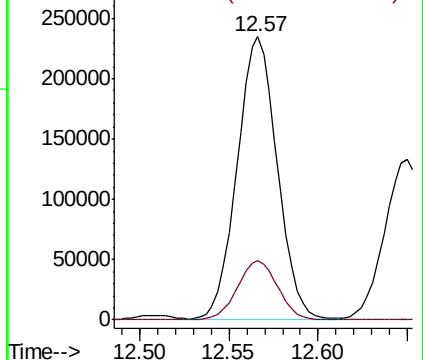
91 100

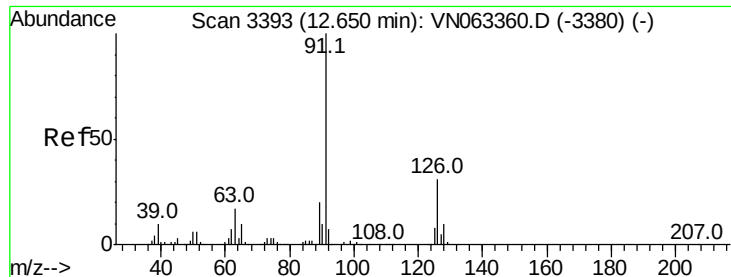
120 21.3 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.932 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

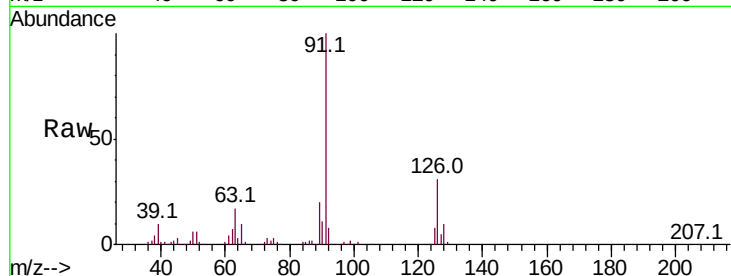
VN0918WBSD01

Tot Ion: 91 Resp: 217890

Ion Ratio Lower Upper

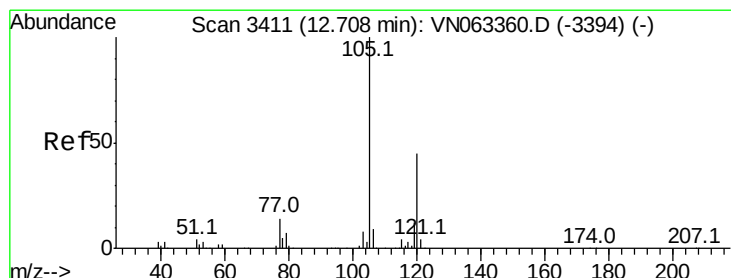
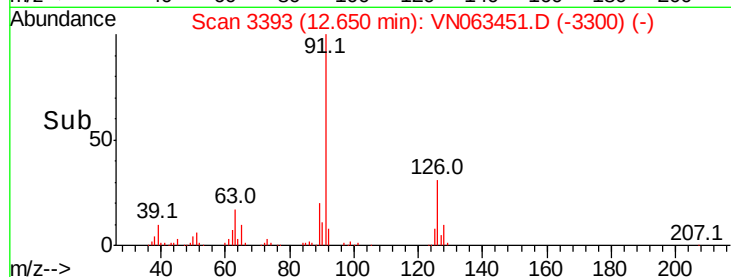
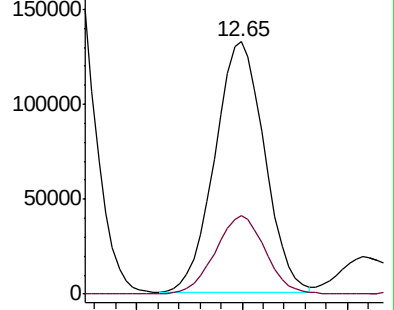
91 100

126 31.4 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: 19.007 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063451.D

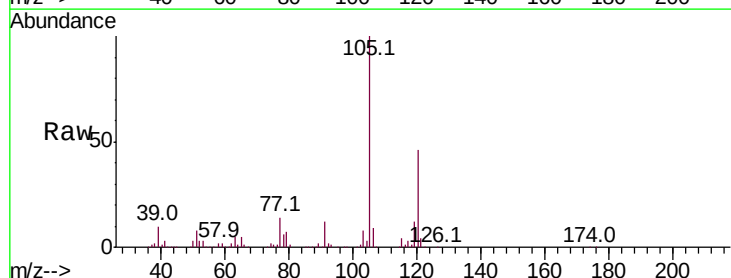
Acq: 18 Sep 2020 12:38

Tgt Ion:105 Resp: 261266

Ion Ratio Lower Upper

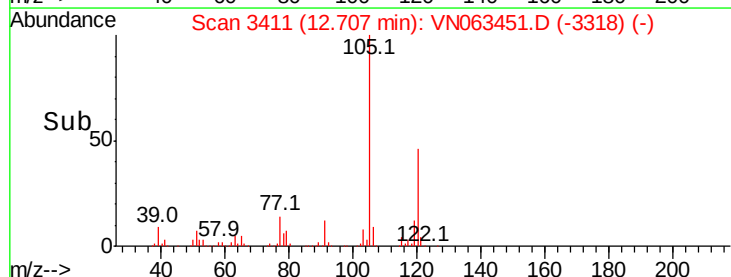
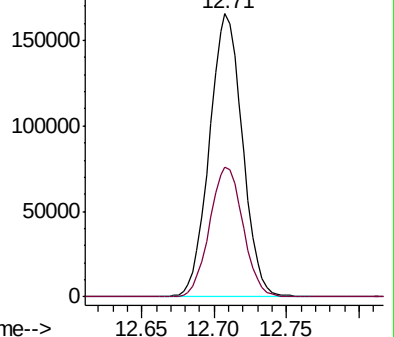
105 100

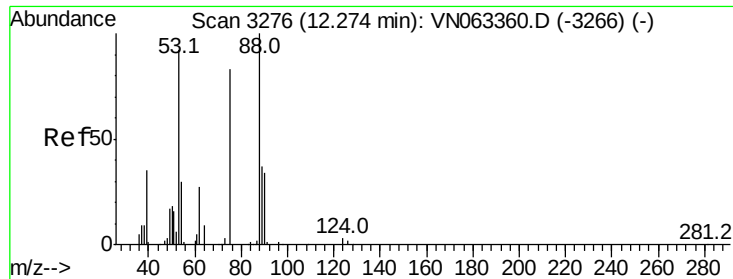
120 46.7 22.9 68.8



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: 17.318 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

VN0918WBSD01

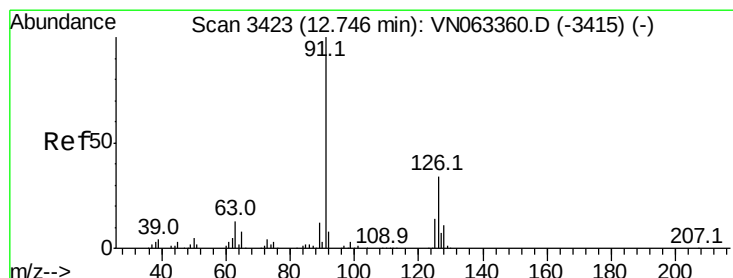
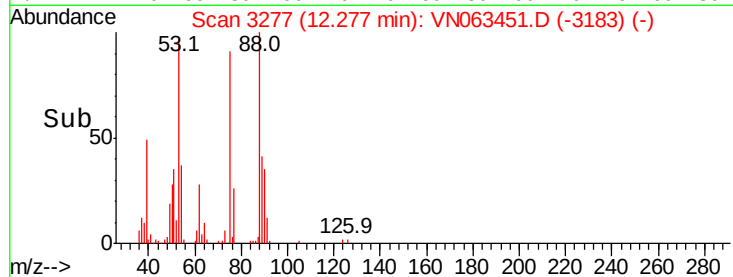
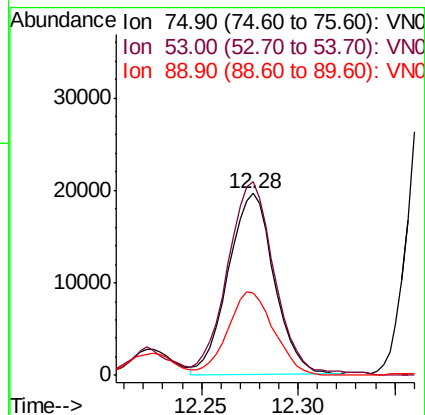
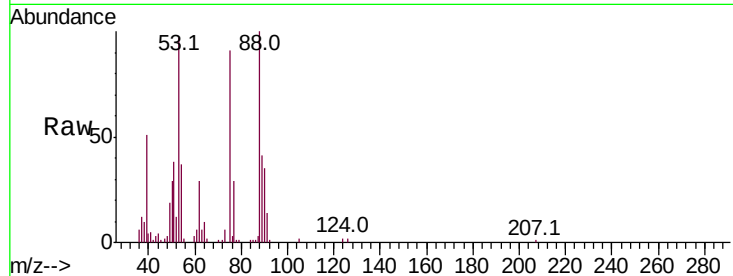
Tot Ion: 75 Resp: 32163

Ion Ratio Lower Upper

75 100

53 111.0 85.7 128.5

89 46.7 38.0 57.0



#82

4-Chlorotoluene

Concen: 18.556 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063451.D

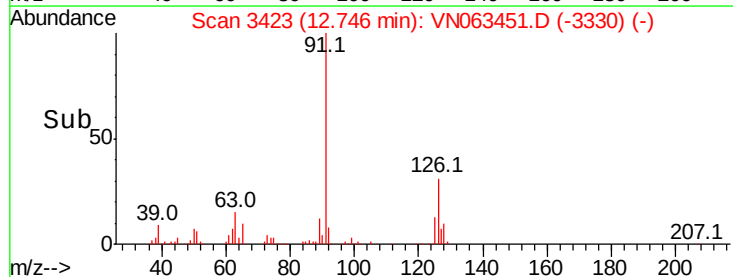
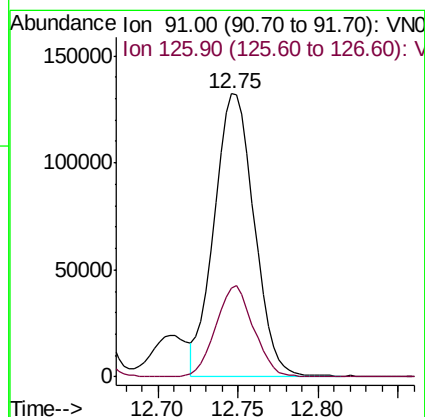
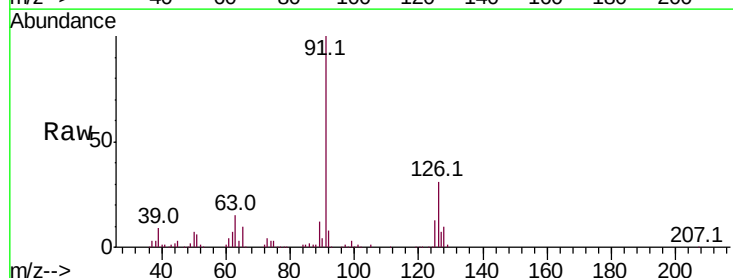
Acq: 18 Sep 2020 12:38

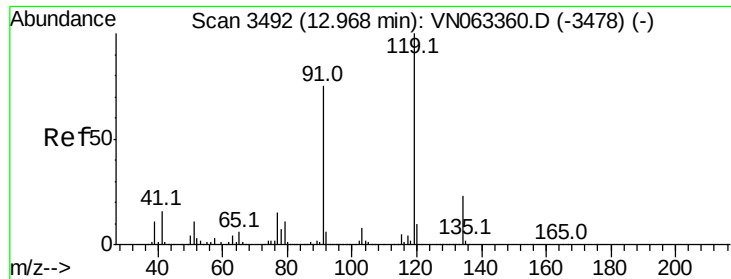
Tgt Ion: 91 Resp: 225650

Ion Ratio Lower Upper

91 100

126 30.4 15.5 46.5





#83

tert-Butylbenzene

Concen: 18.610 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

VN0918WBSD01

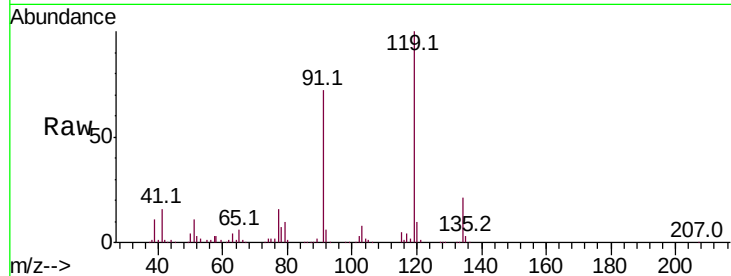
Tot Ion:119 Resp: 211136

Ion Ratio Lower Upper

119 100

91 71.7 36.3 108.9

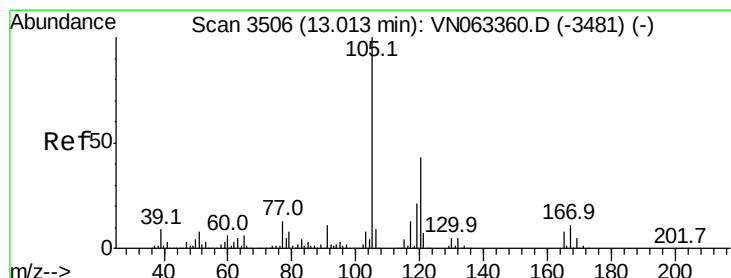
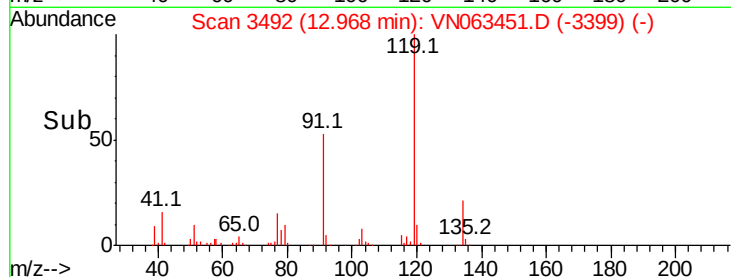
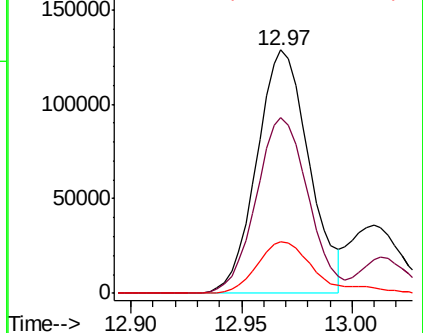
134 23.8 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.077 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN063451.D

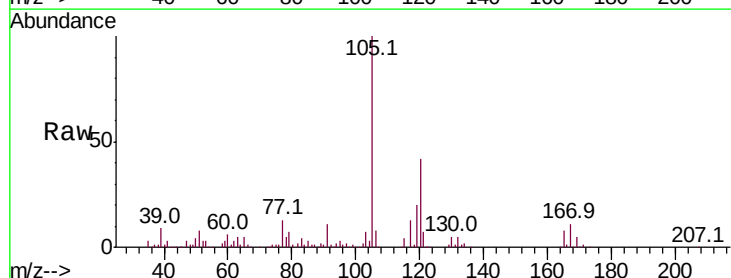
Acq: 18 Sep 2020 12:38

Tgt Ion:105 Resp: 264879

Ion Ratio Lower Upper

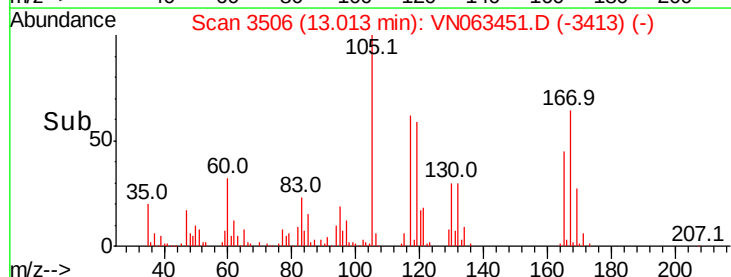
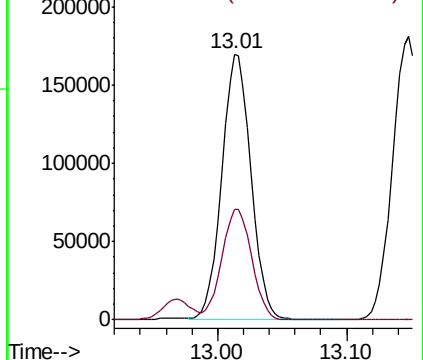
105 100

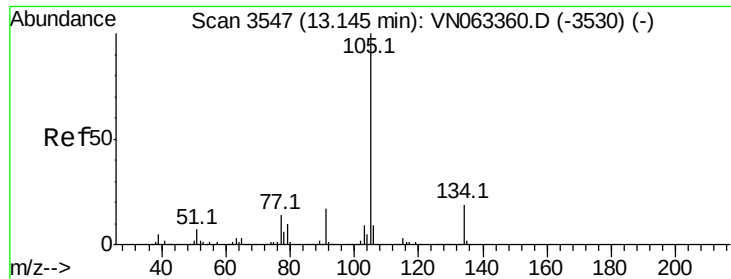
120 42.4 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.923 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

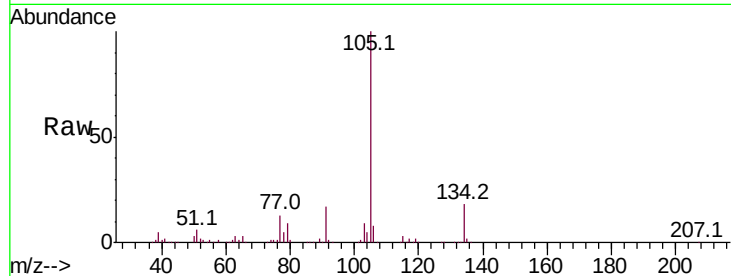
VN0918WBSD01

Tot Ion:105 Resp: 287363

Ion Ratio Lower Upper

105 100

134 18.2 9.3 27.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

200000

150000

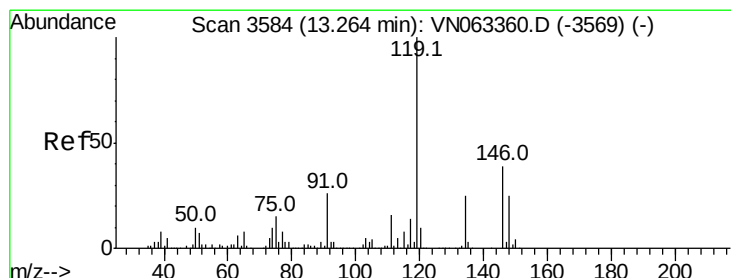
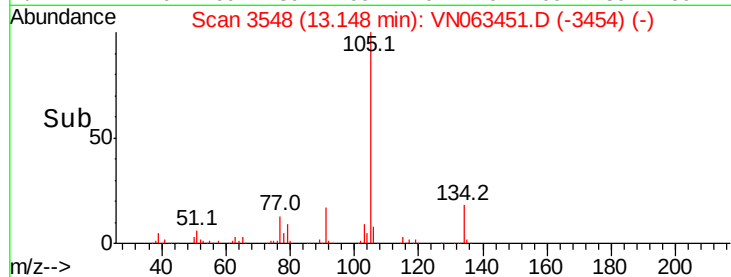
100000

50000

0

Time-->

13.10 13.20



#86

p-Isopropyltoluene

Concen: 19.028 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

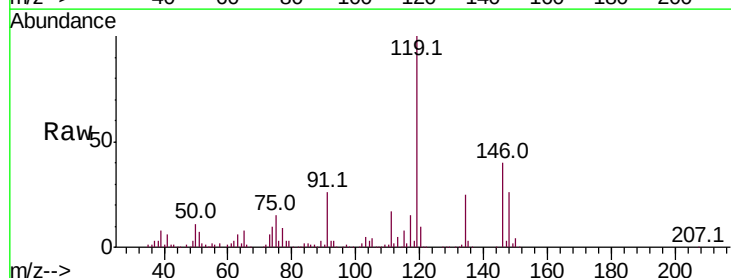
Tgt Ion:119 Resp: 254872

Ion Ratio Lower Upper

119 100

134 25.3 12.5 37.5

91 26.5 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

200000

150000

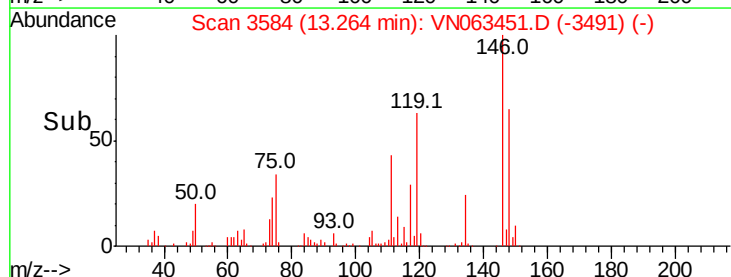
100000

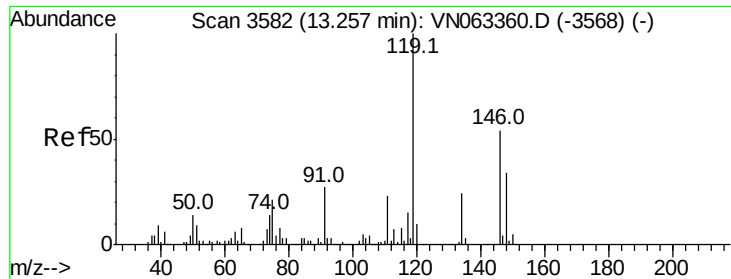
50000

0

Time-->

13.20 13.25 13.30

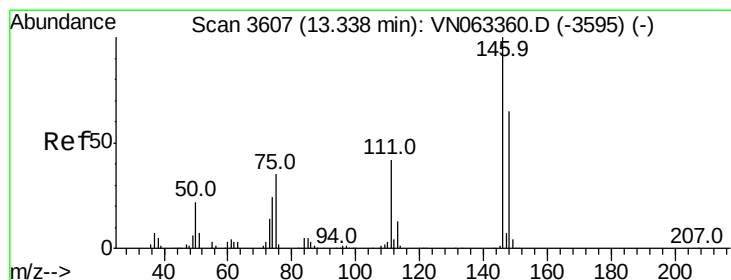
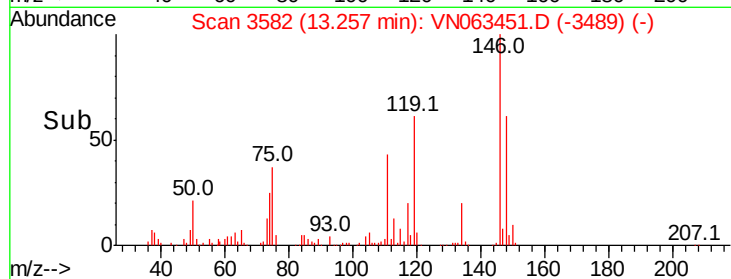
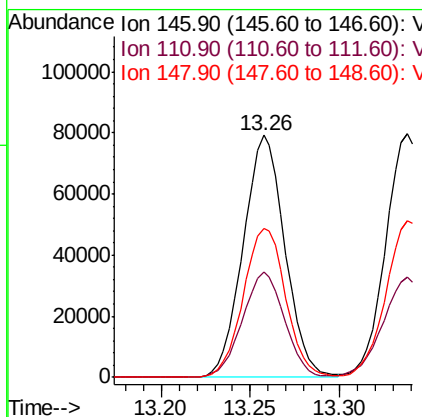
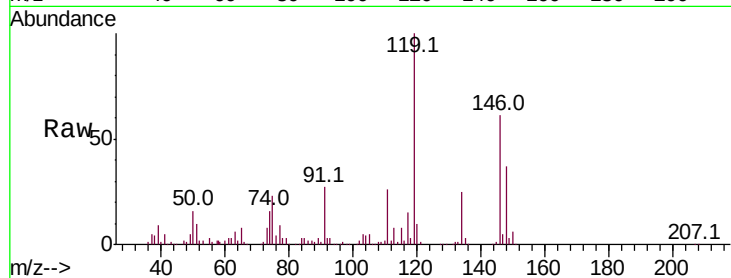




#87
 1,3-Dichlorobenzene
 Concen: 18.798 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

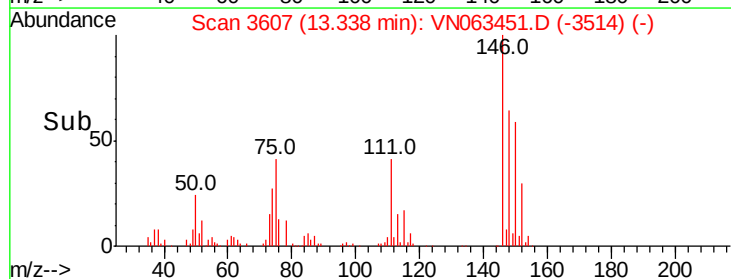
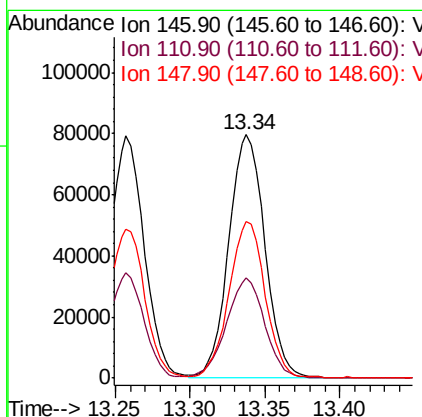
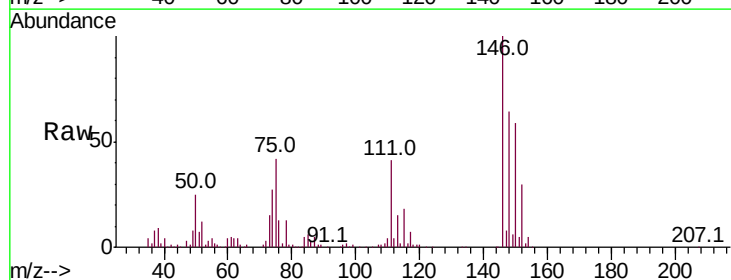
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD01

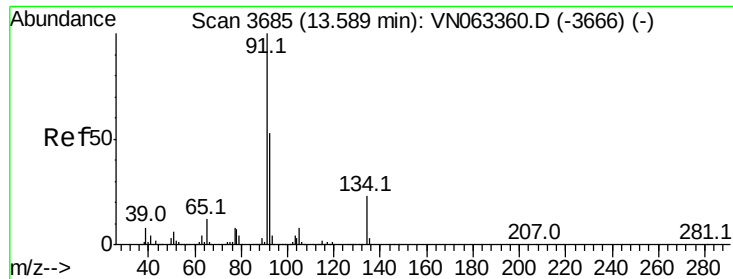
Tot Ion:146 Resp: 129193
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.4 64.3
 148 62.6 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.220 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Tgt Ion:146 Resp: 134299
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.2 63.6
 148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 18.548 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBSD01

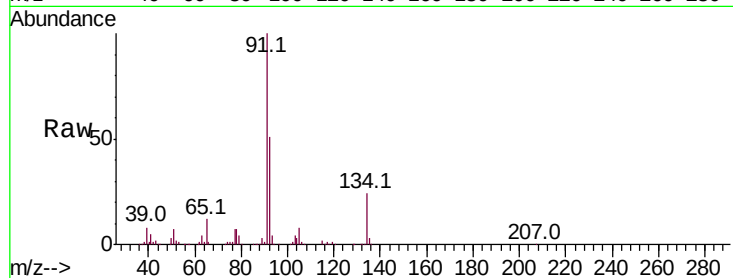
Tot Ion: 91 Resp: 228999

Ion Ratio Lower Upper

91 100

92 51.0 26.0 78.0

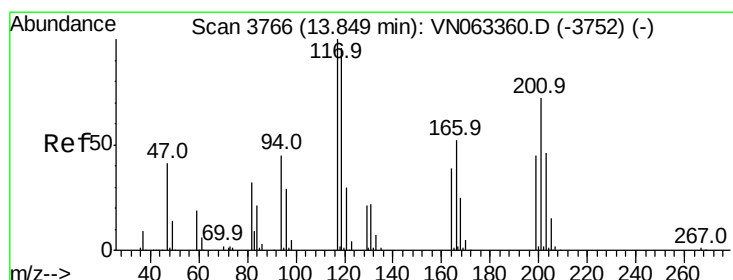
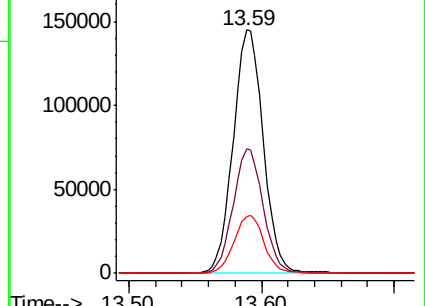
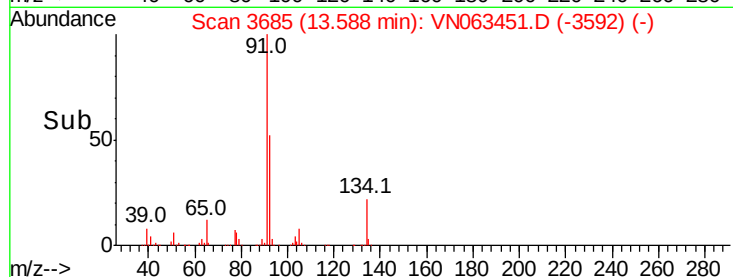
134 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 17.345 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063451.D

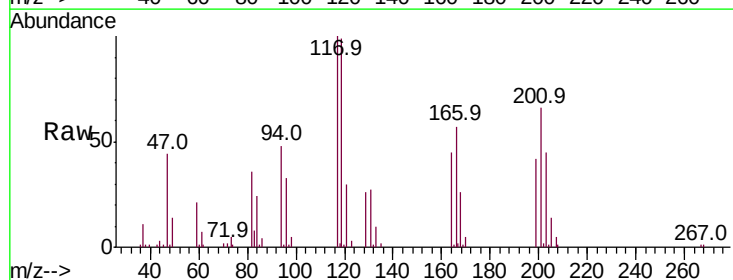
Acq: 18 Sep 2020 12:38

Tgt Ion: 117 Resp: 44239

Ion Ratio Lower Upper

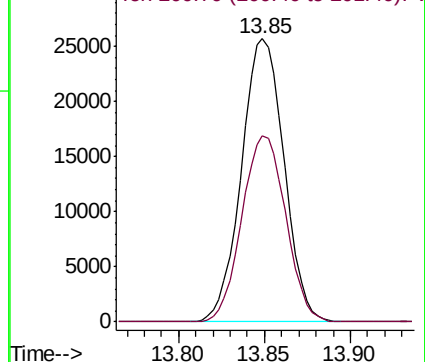
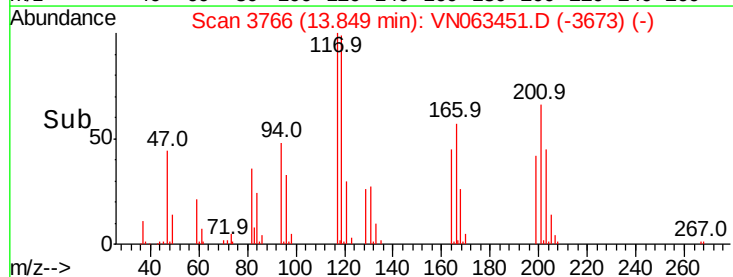
117 100

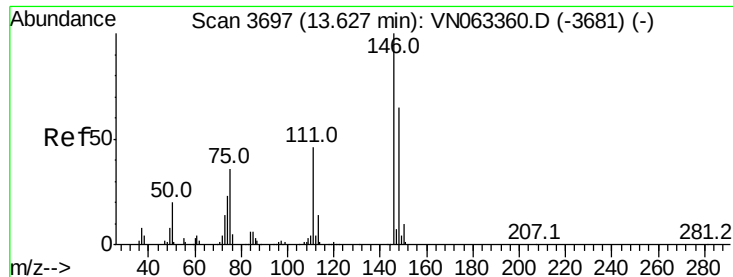
201 67.5 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.090 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBSD01

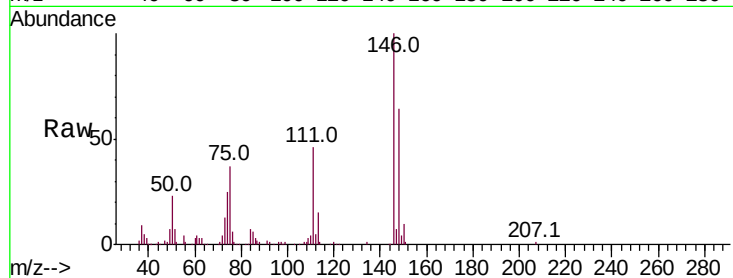
Tot Ion:146 Resp: 128812

Ion Ratio Lower Upper

146 100

111 44.3 22.4 67.2

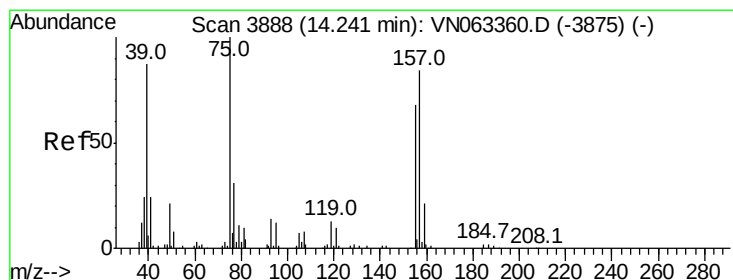
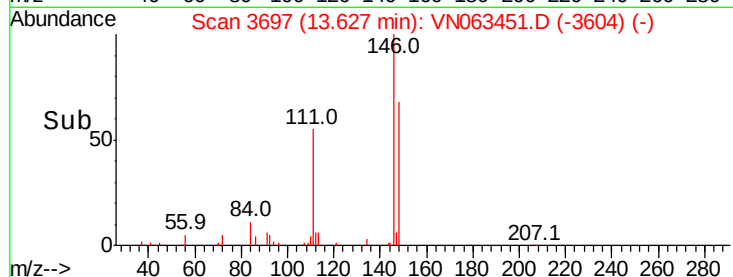
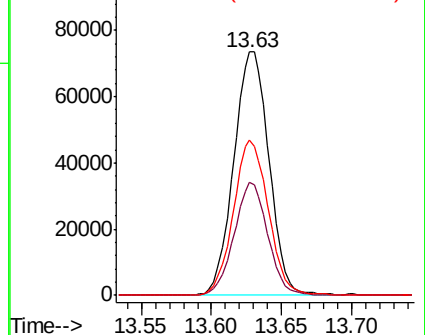
148 63.5 32.0 96.0



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: 17.704 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

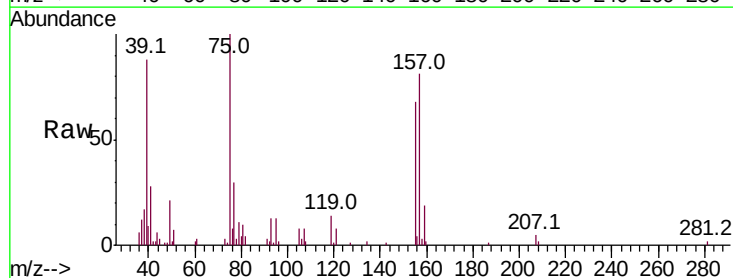
Tgt Ion: 75 Resp: 21518

Ion Ratio Lower Upper

75 100

155 69.6 34.6 103.9

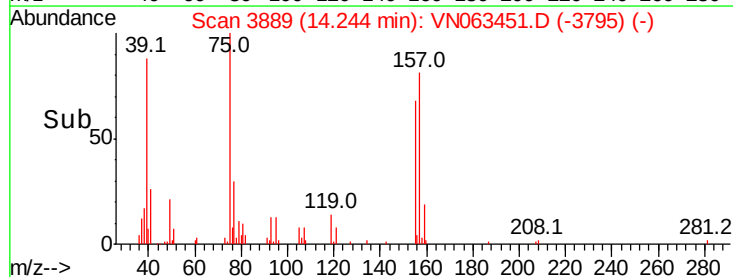
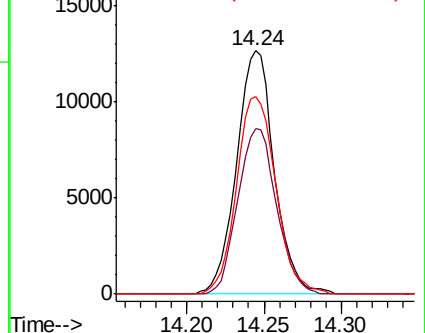
157 84.5 43.7 131.1

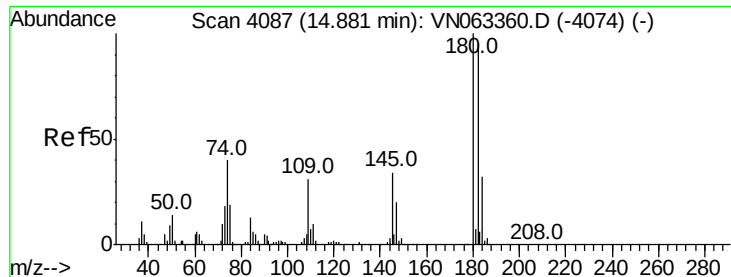


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

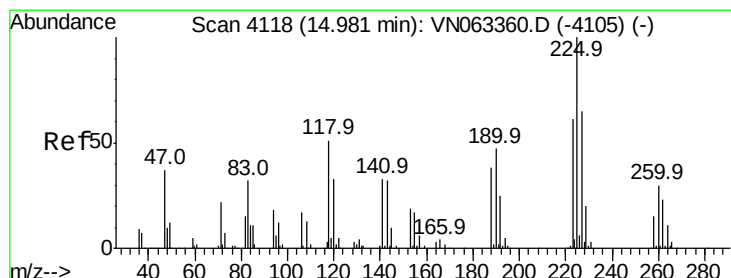
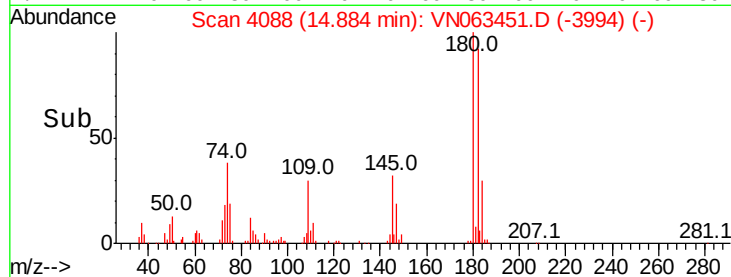
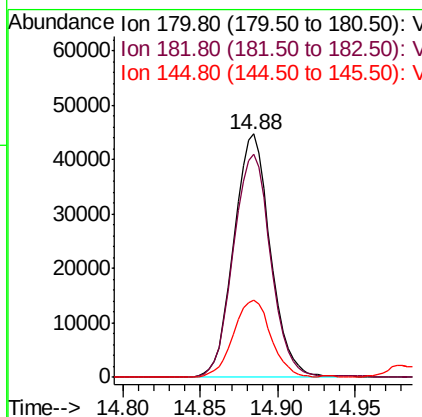
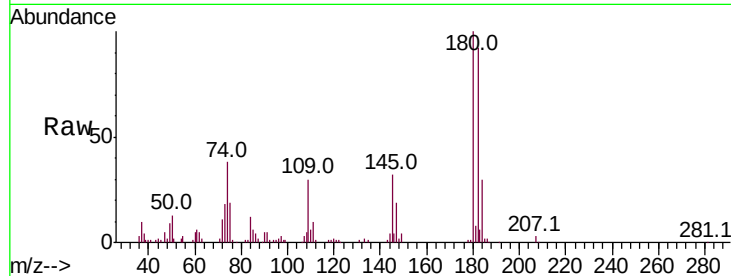




#93
 1,2,4-Trichlorobenzene
 Concen: 18.451 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

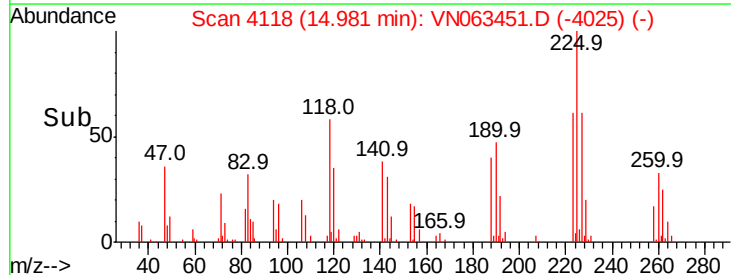
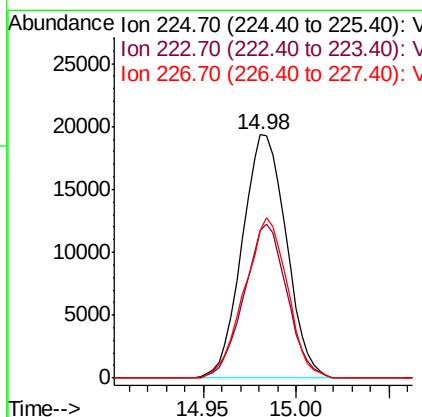
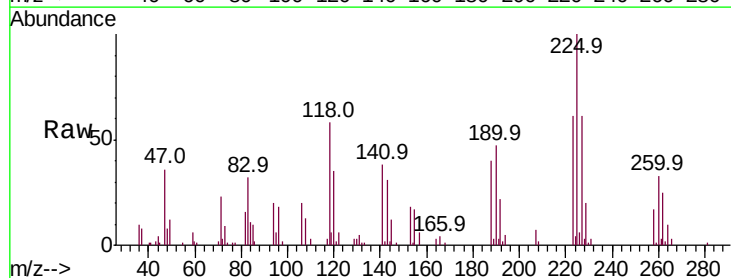
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD01

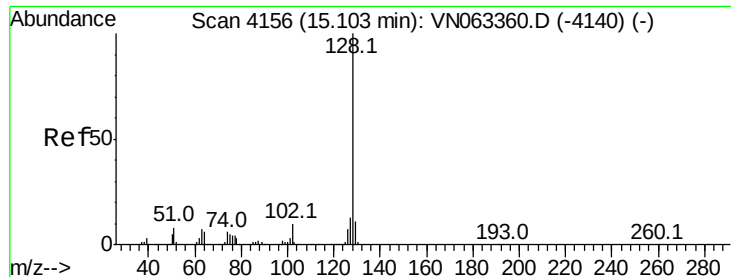
Tot Ion:180 Resp: 73395
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.3 142.0
 145 32.5 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 19.445 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063451.D
 Acq: 18 Sep 2020 12:38

Tgt Ion:225 Resp: 32023
 Ion Ratio Lower Upper
 225 100
 223 61.4 30.6 91.6
 227 63.9 31.2 93.6





#95

Naphthalene

Concen: 18.109 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

VN0918WBSD01

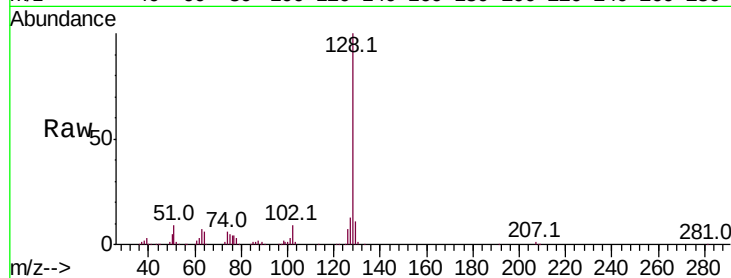
Tot Ion:128 Resp: 237991

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

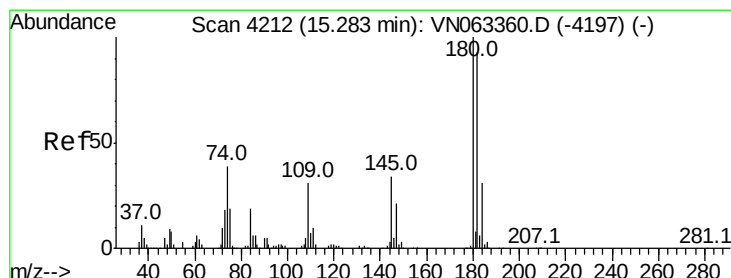
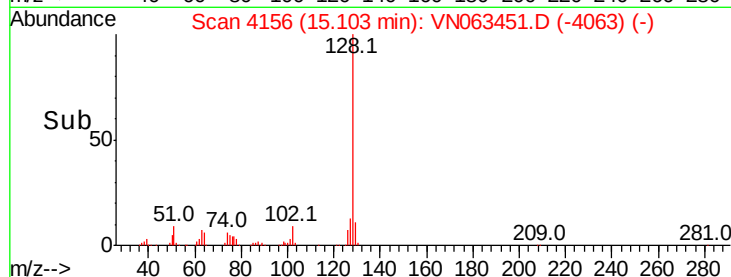
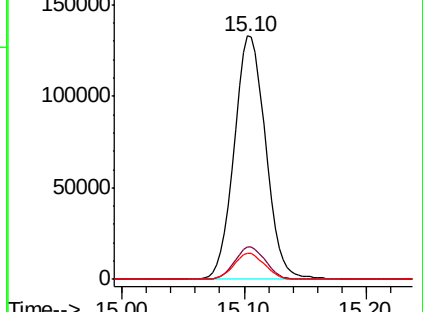
129 10.6 8.8 13.2



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: 18.187 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063451.D

Acq: 18 Sep 2020 12:38

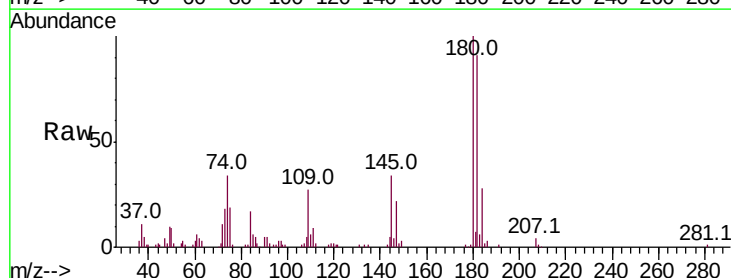
Tgt Ion:180 Resp: 69903

Ion Ratio Lower Upper

180 100

182 96.0 46.7 140.1

145 34.2 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

