

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063556.D
 Acq On : 23 Sep 2020 1:40
 Operator : JC/MD
 Sample : VN0922WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD02

Quant Time: Sep 23 05:51:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	241428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	428193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	396107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181835	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	213307	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
35) Dibromofluoromethane	7.55	113	148284	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	10.06	98	545294	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.38	95	201349	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	50648	18.517	ug/l 96
3) Chloromethane	2.04	50	64197	17.742	ug/l 98
4) Vinyl Chloride	2.16	62	62708	19.561	ug/l 98
5) Bromomethane	2.54	94	43164	22.677	ug/l 95
6) Chloroethane	2.68	64	39429	20.037	ug/l 97
7) Trichlorofluoromethane	2.99	101	98880	20.673	ug/l 99
8) Diethyl Ether	3.38	74	37778	20.261	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51843	19.274	ug/l 99
10) Methyl Iodide	3.91	142	67301	19.218	ug/l 99
11) Tert butyl alcohol	4.73	59	51401	90.281	ug/l 99
12) 1,1-Dichloroethene	3.70	96	51445	18.882	ug/l 92
13) Acrolein	3.57	56	15866	75.197	ug/l 92
14) Allyl chloride	4.28	41	99144	18.397	ug/l 98
15) Acrylonitrile	4.93	53	142732	98.557	ug/l 99
16) Acetone	3.78	43	129231	97.843	ug/l 100
17) Carbon Disulfide	4.02	76	139755	17.635	ug/l 99
18) Methyl Acetate	4.28	43	68095	20.308	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	195655	19.268	ug/l 97
20) Methylene Chloride	4.51	84	65430	19.552	ug/l 95
21) trans-1,2-Dichloroethene	4.99	96	56959	18.870	ug/l 96
22) Diisopropyl ether	5.90	45	216481	19.696	ug/l 97
23) Vinyl Acetate	5.85	43	866514	95.996	ug/l 100
24) 1,1-Dichloroethane	5.80	63	118151	19.690	ug/l 97
25) 2-Butanone	6.79	43	192345	94.688	ug/l 100
26) 2,2-Dichloropropane	6.78	77	80677	15.271	ug/l 96
27) cis-1,2-Dichloroethene	6.78	96	67909	19.876	ug/l 100
28) Bromochloromethane	7.15	49	57515	20.759	ug/l 99
29) Tetrahydrofuran	7.17	42	129930	93.652	ug/l 99
30) Chloroform	7.33	83	121288	20.147	ug/l 99
31) Cyclohexane	7.62	56	93436	16.462	ug/l 96
32) 1,1,1-Trichloroethane	7.53	97	105121	19.632	ug/l 99
36) 1,1-Dichloropropene	7.75	75	83312	18.263	ug/l 99
37) Ethyl Acetate	6.88	43	87587	19.563	ug/l 100
38) Carbon Tetrachloride	7.74	117	87054	18.694	ug/l 100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	81535	16.468	ug/l	98
40) Benzene	8.00	78	249798	19.183	ug/l	98
41) Methacrylonitrile	7.13	41	39930	19.829	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	106649	20.365	ug/l	98
43) Isopropyl Acetate	8.13	43	143716	17.952	ug/l	99
44) Trichloroethene	8.80	130	62268	19.715	ug/l	98
45) 1,2-Dichloropropane	9.08	63	67974	19.165	ug/l	98
46) Dibromomethane	9.18	93	46927	20.131	ug/l	99
47) Bromodichloromethane	9.37	83	96623	19.952	ug/l	98
48) Methyl methacrylate	9.17	41	69012	17.546	ug/l	94
49) 1,4-Dioxane	9.16	88	21268	376.795	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	434229	96.886	ug/l	99
52) Toluene	10.13	92	155384	19.846	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	96948	17.932	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	103968	18.231	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	64206	20.646	ug/l	98
56) Ethyl methacrylate	10.40	69	91416	18.830	ug/l	97
57) 1,3-Dichloropropane	10.68	76	108480	19.343	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	224817	88.275	ug/l	97
59) 2-Hexanone	10.72	43	308347	94.964	ug/l	99
60) Dibromochloromethane	10.87	129	68914	19.615	ug/l	98
61) 1,2-Dibromoethane	10.98	107	64388	19.929	ug/l	97
64) Tetrachloroethene	10.60	164	54982	20.385	ug/l	99
65) Chlorobenzene	11.41	112	163587	19.456	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	62785	20.371	ug/l	98
67) Ethyl Benzene	11.48	91	299729	18.929	ug/l	99
68) m/p-Xylenes	11.59	106	216796	37.974	ug/l	100
69) o-Xylene	11.92	106	104974	19.302	ug/l	99
70) Styrene	11.94	104	175738	19.269	ug/l	99
71) Bromoform	12.10	173	43154	18.794	ug/l #	99
73) Isopropylbenzene	12.23	105	279811	19.203	ug/l	98
74) N-amyl acetate	12.05	43	125722	18.227	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	89486	19.834	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	117930	26.203	ug/l #	100
77) Bromobenzene	12.50	156	65700	20.045	ug/l	96
78) n-propylbenzene	12.57	91	317425	18.704	ug/l	99
79) 2-Chlorotoluene	12.65	91	196164	19.282	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	232210	19.111	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	26282	16.010	ug/l	93
82) 4-Chlorotoluene	12.75	91	206060	19.170	ug/l	100
83) tert-Butylbenzene	12.97	119	186370	18.584	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	235736	19.208	ug/l	100
85) sec-Butylbenzene	13.15	105	253233	18.865	ug/l	100
86) p-Isopropyltoluene	13.26	119	219272	18.520	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	120038	19.759	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	120595	19.525	ug/l	99
89) n-Butylbenzene	13.59	91	194127	17.788	ug/l	97
90) Hexachloroethane	13.85	117	39227	17.400	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	120059	20.129	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19722	18.357	ug/l	95

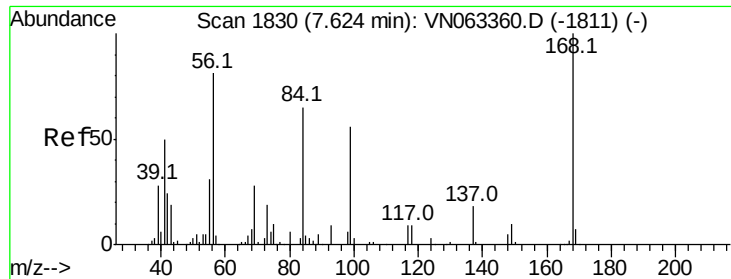
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	63896	18.172	ug/l	96
94) Hexachlorobutadiene	14.98	225	29774	20.454	ug/l	99
95) Naphthalene	15.10	128	218524	18.811	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	65357	19.237	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

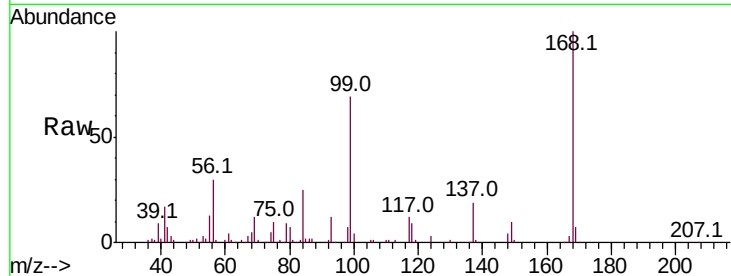
VN0922WBSD02

Tot Ion:168 Resp: 241428

Ion Ratio Lower Upper

168 100

99 68.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

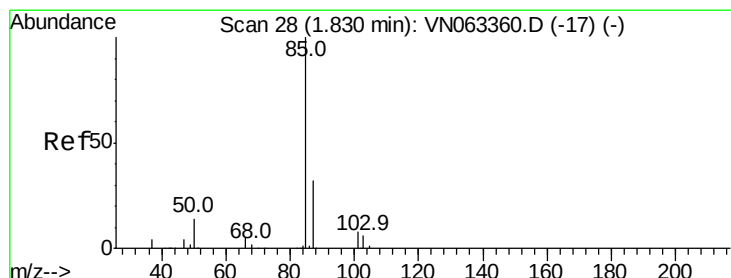
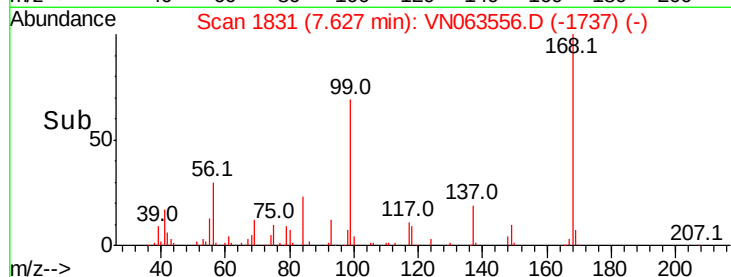
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.517 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063556.D

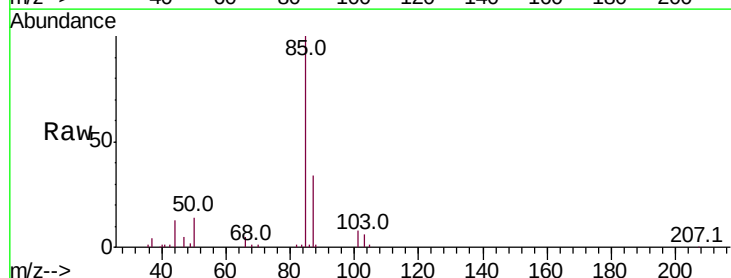
Acq: 23 Sep 2020 1:40

Tgt Ion: 85 Resp: 50648

Ion Ratio Lower Upper

85 100

87 34.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

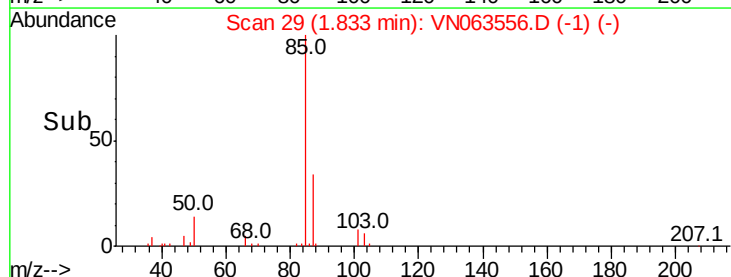
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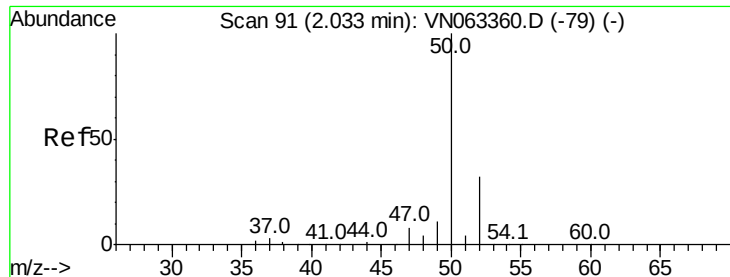
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.742 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

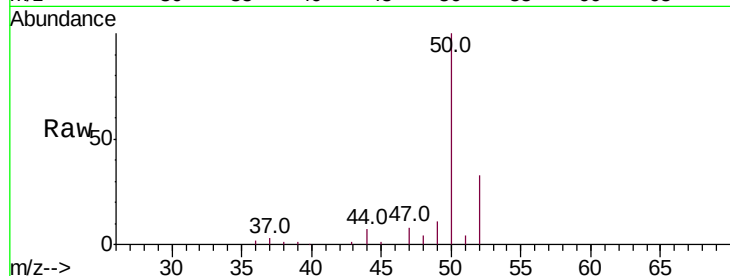
VN0922WBSD02

Tot Ion: 50 Resp: 64197

Ion Ratio Lower Upper

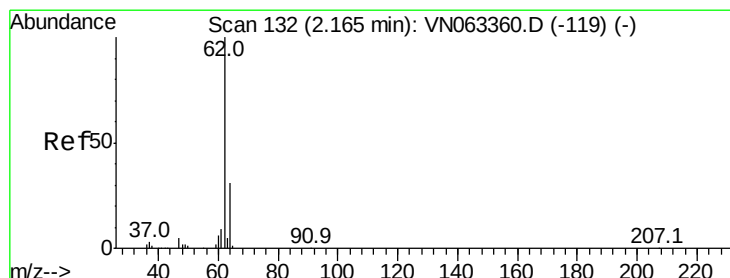
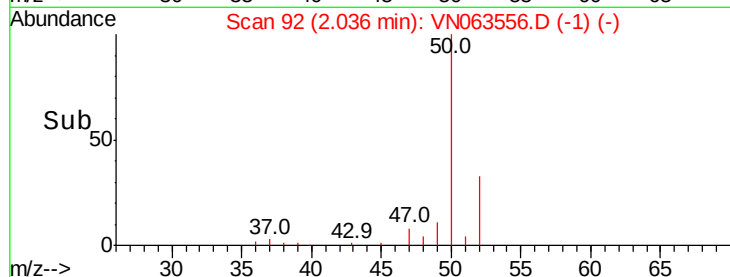
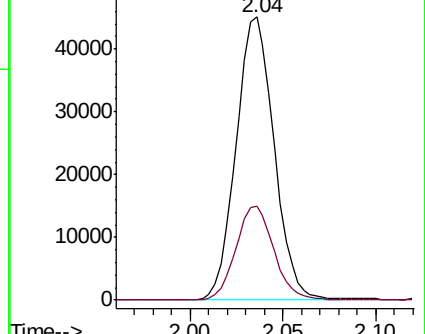
50 100

52 33.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.561 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063556.D

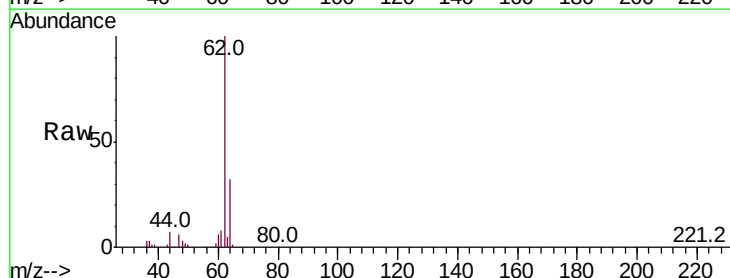
Acq: 23 Sep 2020 1:40

Tgt Ion: 62 Resp: 62708

Ion Ratio Lower Upper

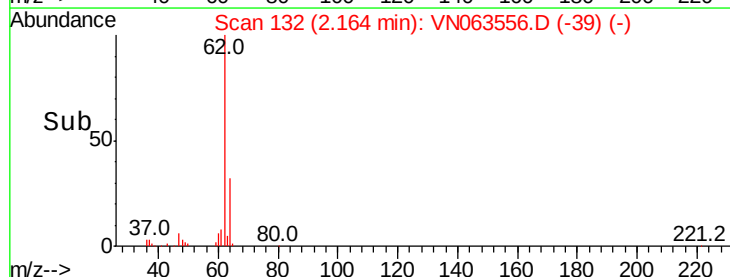
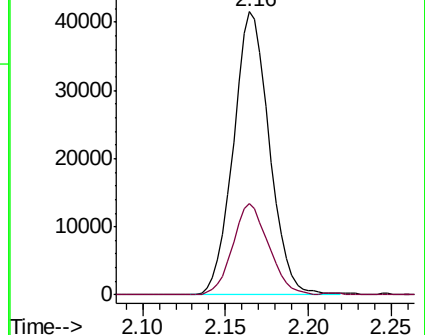
62 100

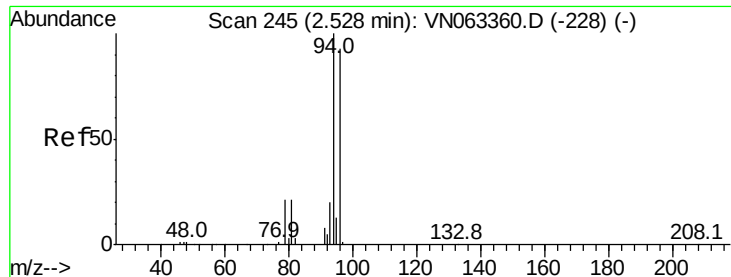
64 32.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 22.677 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

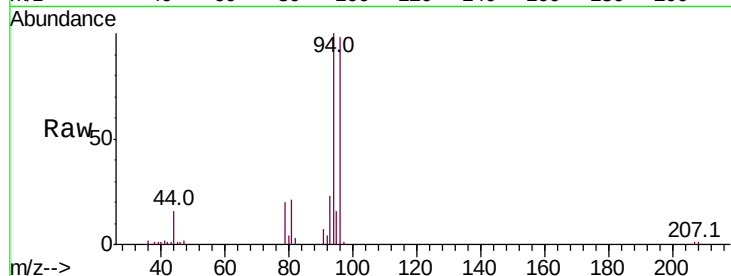
VN0922WBSD02

Tot Ion: 94 Resp: 43164

Ion Ratio Lower Upper

94 100

96 97.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

25000

20000

15000

10000

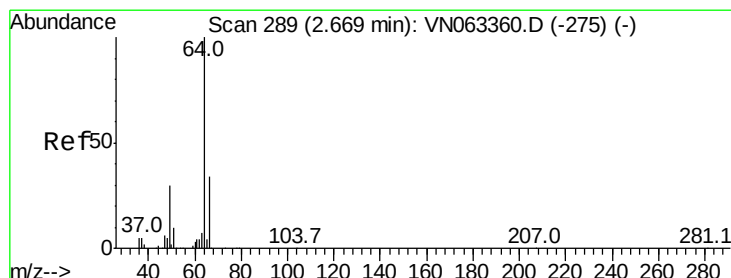
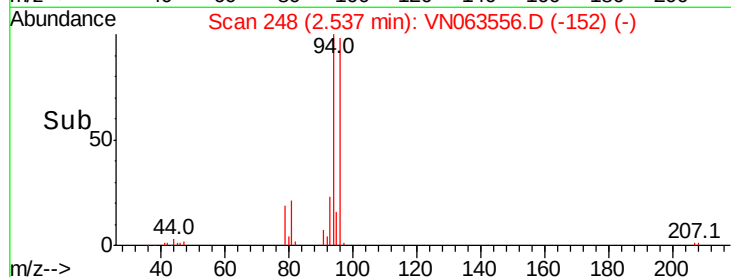
5000

0

Time-->

2.45 2.50 2.55 2.60

2.54



#6

Chloroethane

Concen: 20.037 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063556.D

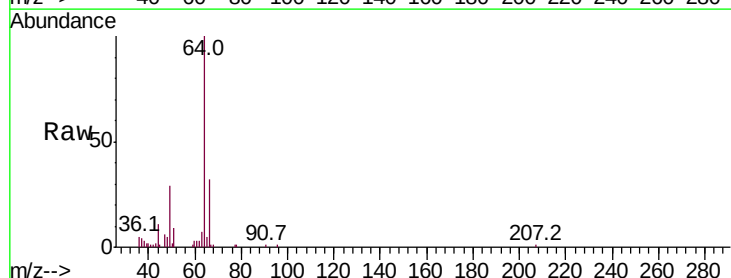
Acq: 23 Sep 2020 1:40

Tgt Ion: 64 Resp: 39429

Ion Ratio Lower Upper

64 100

66 31.6 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

20000

15000

10000

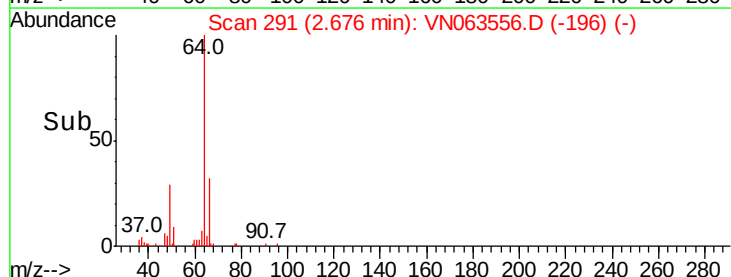
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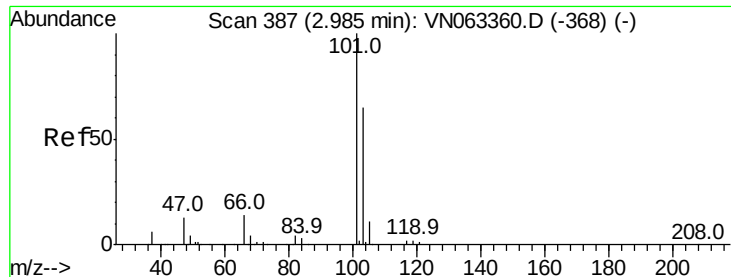
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Time-->

2.60 2.65 2.70 2.75

2.68



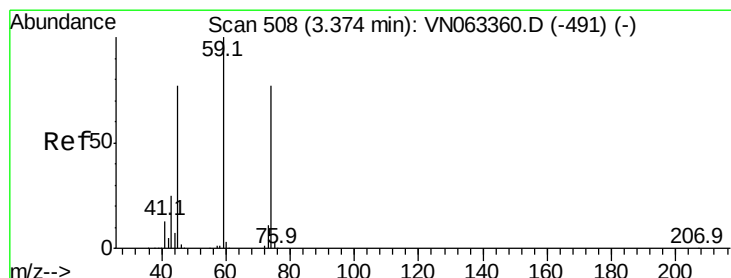
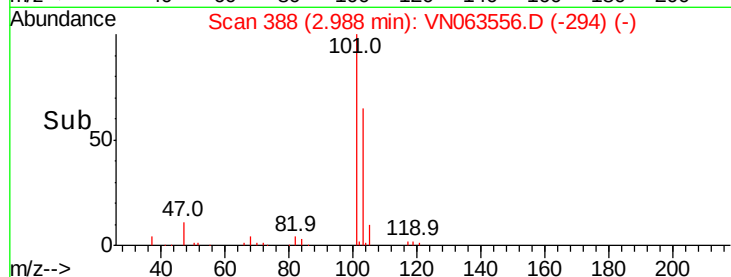
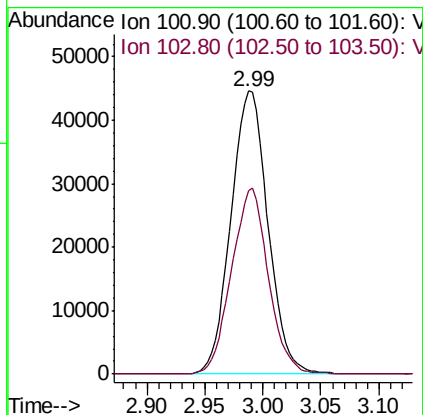
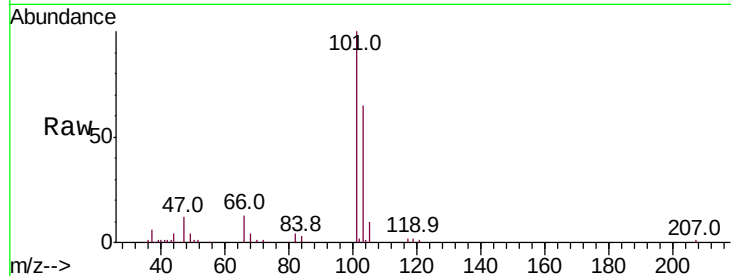


#7

Trichlorofluoromethane
 Concen: 20.673 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063556.D
 Acq: 23 Sep 2020 1:40

Instrument :
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 ClientSampleId :
 VN0922WBSD02

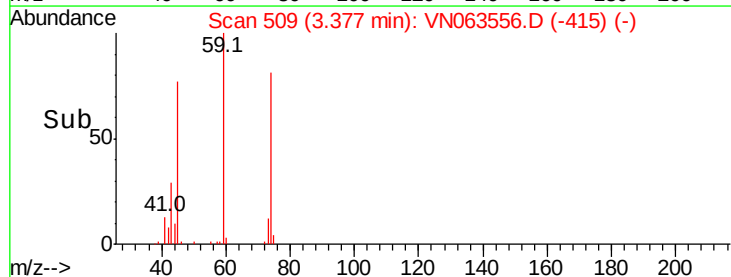
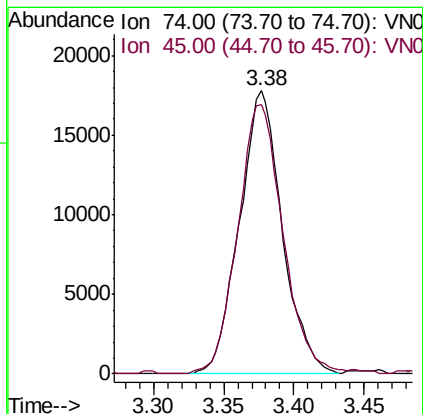
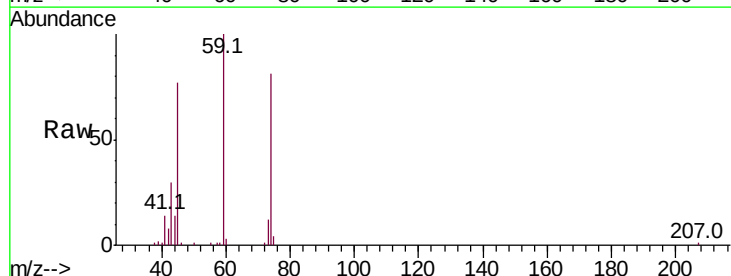
Tot Ion:101 Resp: 98880
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.3 78.5

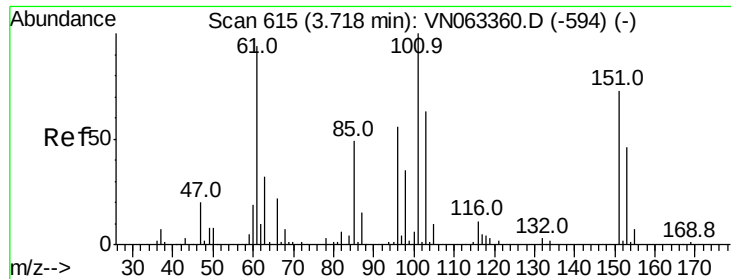


#8

Diethyl Ether
 Concen: 20.261 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063556.D
 Acq: 23 Sep 2020 1:40

Tgt Ion: 74 Resp: 37778
 Ion Ratio Lower Upper
 74 100
 45 101.1 52.1 156.4

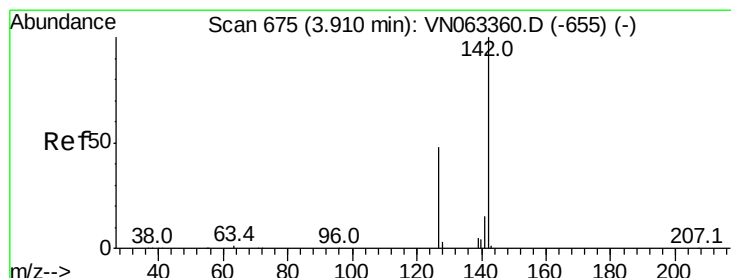
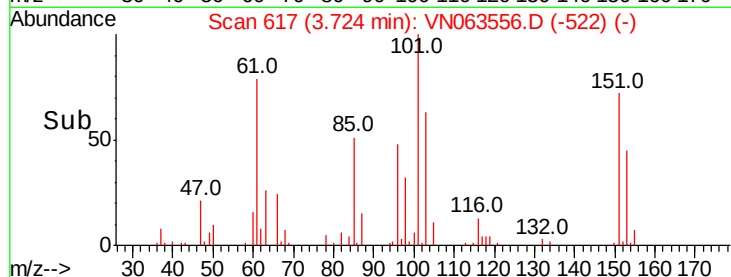
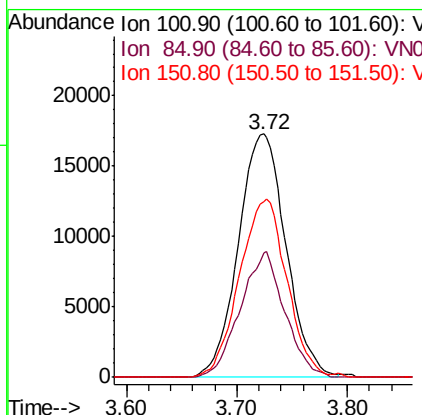
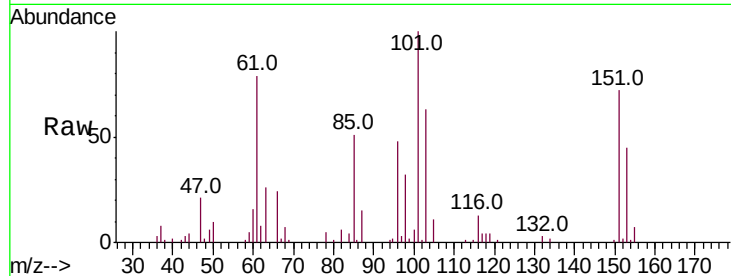




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.274 ug/l
 RT: 3.72 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: VN063556.D
 Acq: 23 Sep 2020 1:40

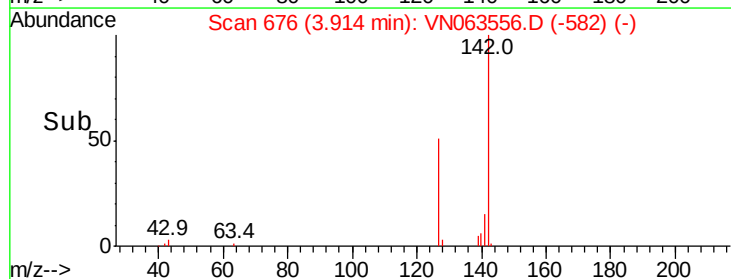
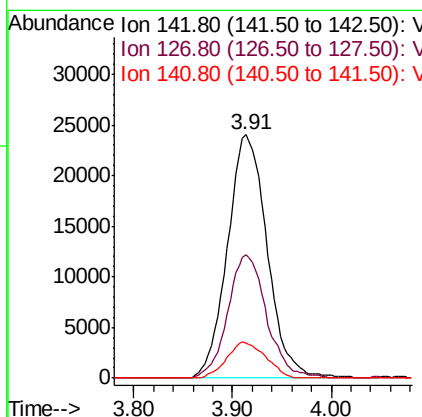
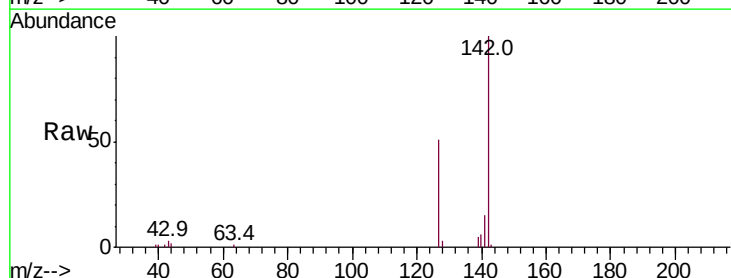
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD02

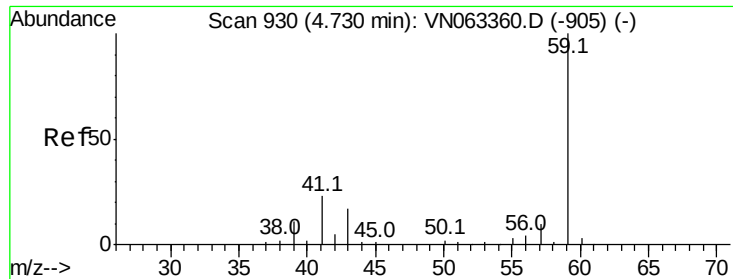
Tot Ion:101 Resp: 51843
 Ion Ratio Lower Upper
 101 100
 85 48.1 37.7 56.5
 151 72.8 57.7 86.5



#10
 Methyl Iodide
 Concen: 19.218 ug/l
 RT: 3.91 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VN063556.D
 Acq: 23 Sep 2020 1:40

Tgt Ion:142 Resp: 67301
 Ion Ratio Lower Upper
 142 100
 127 49.6 39.0 58.6
 141 14.5 11.6 17.4



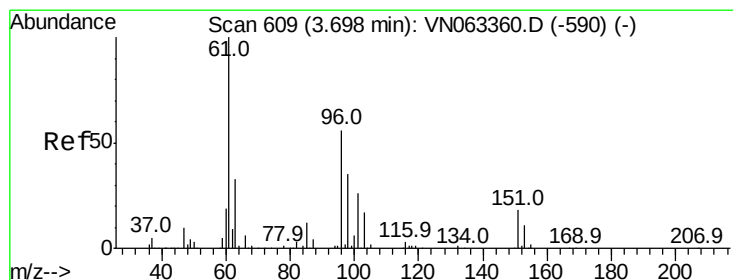
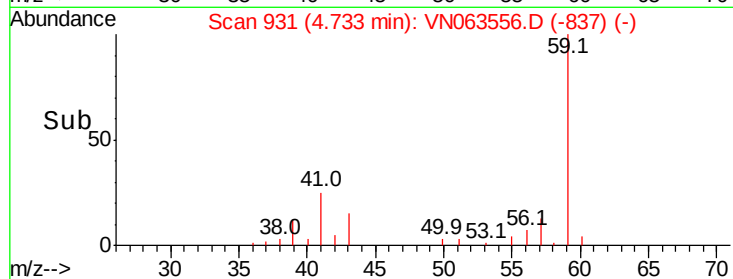
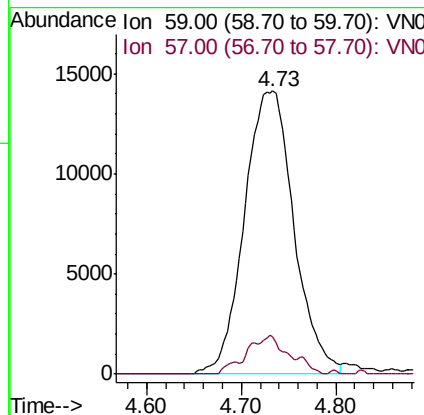
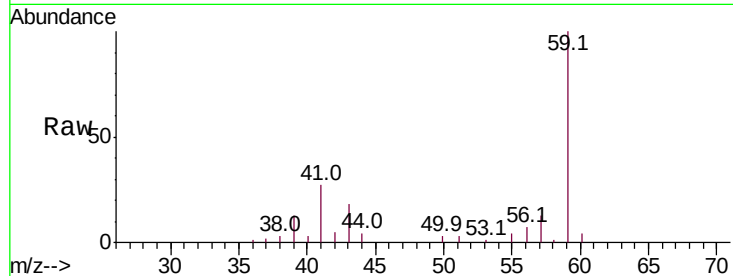


#11

Tert butyl alcohol
 Concen: 90.281 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VN063556.D
 Acq: 23 Sep 2020 1:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD02

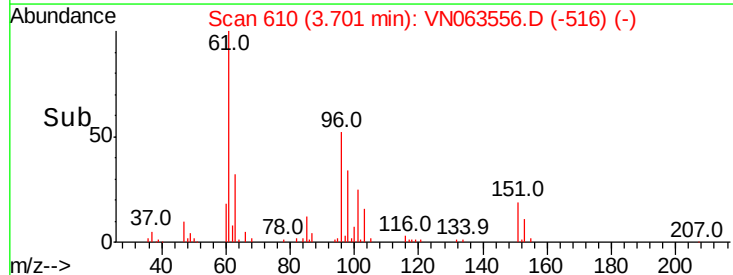
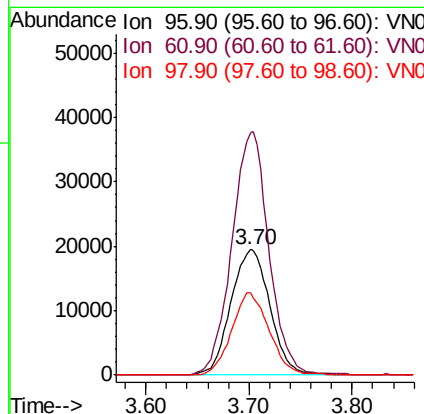
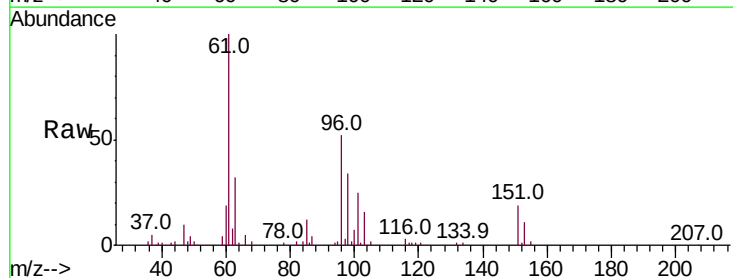
Tot Ion: 59 Resp: 51401
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.4 12.6

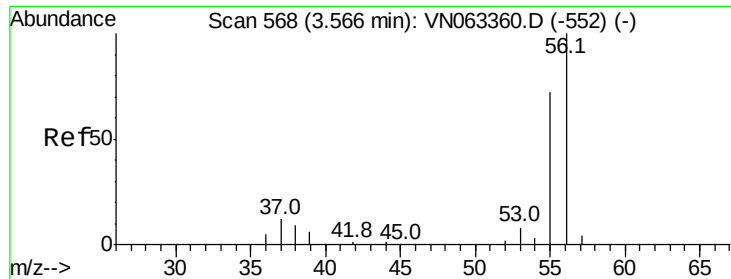


#12

1,1-Dichloroethene
 Concen: 18.882 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063556.D
 Acq: 23 Sep 2020 1:40

Tgt Ion: 96 Resp: 51445
 Ion Ratio Lower Upper
 96 100
 61 193.5 143.4 215.2
 98 65.5 50.6 76.0





#13

Acrolein

Concen: 75.197 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

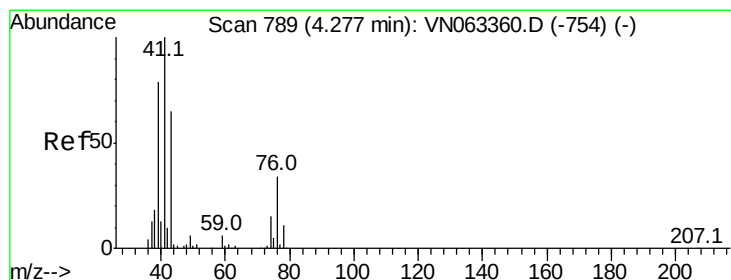
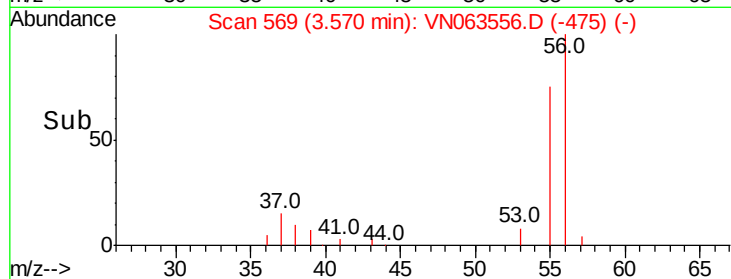
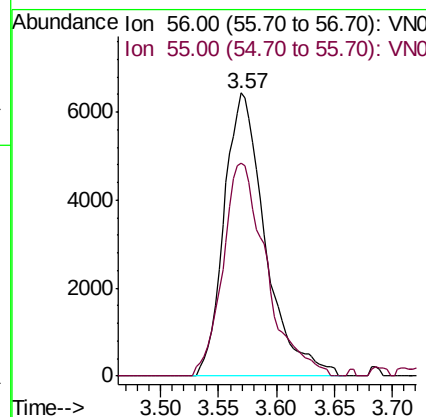
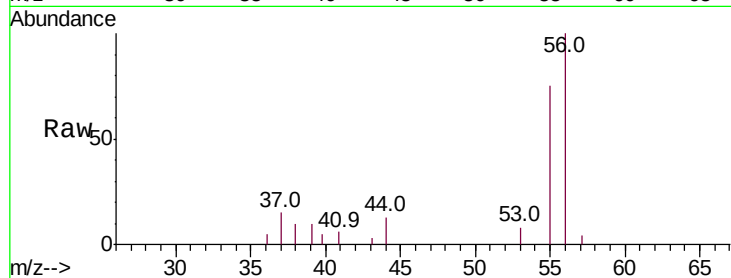
VN0922WBSD02

Tot Ion: 56 Resp: 15866

Ion Ratio Lower Upper

56 100

55 79.6 58.2 87.2



#14

Allyl chloride

Concen: 18.397 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

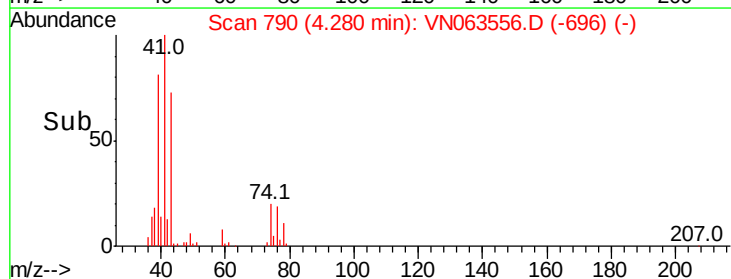
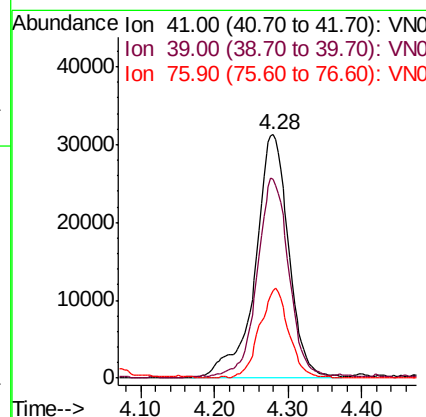
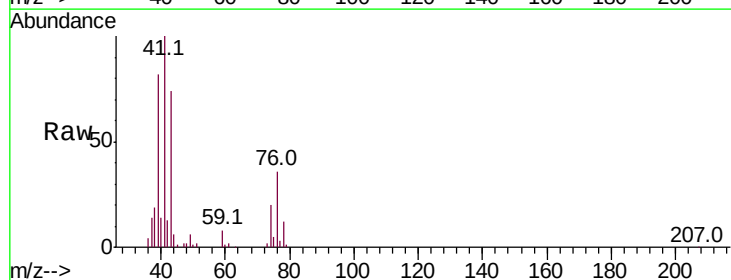
Tgt Ion: 41 Resp: 99144

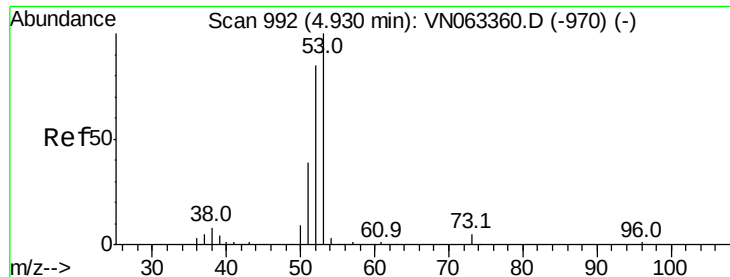
Ion Ratio Lower Upper

41 100

39 76.4 59.3 88.9

76 32.0 25.3 37.9





#15

Acrylonitrile

Concen: 98.557 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD02

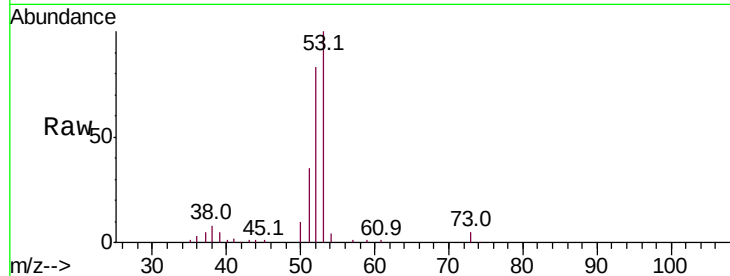
Tot Ion: 53 Resp: 142732

Ion Ratio Lower Upper

53 100

52 82.5 66.4 99.6

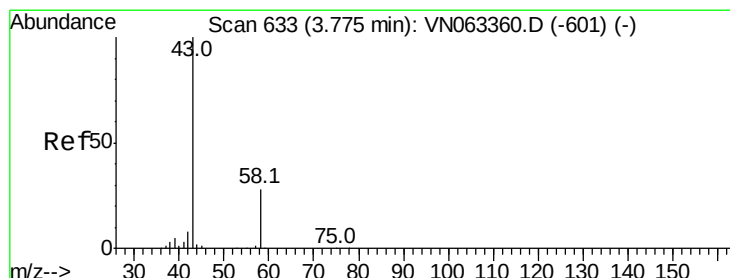
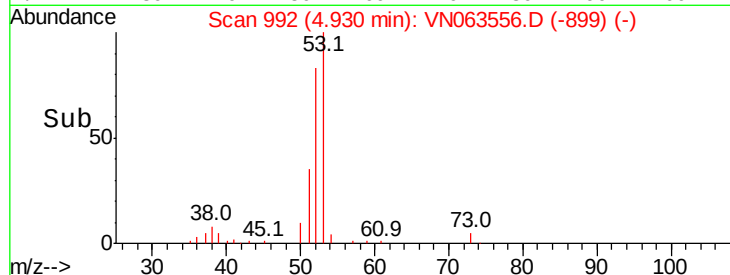
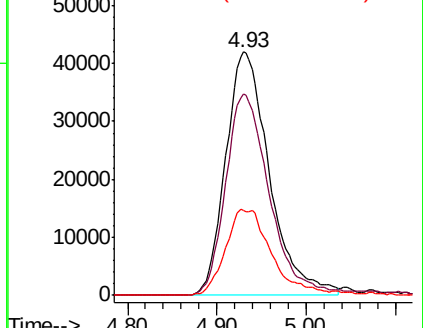
51 36.8 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 97.843 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063556.D

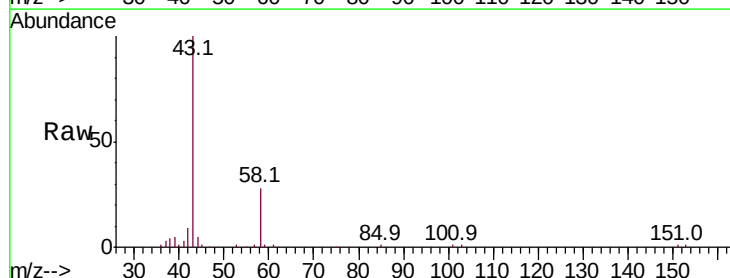
Acq: 23 Sep 2020 1:40

Tgt Ion: 43 Resp: 129231

Ion Ratio Lower Upper

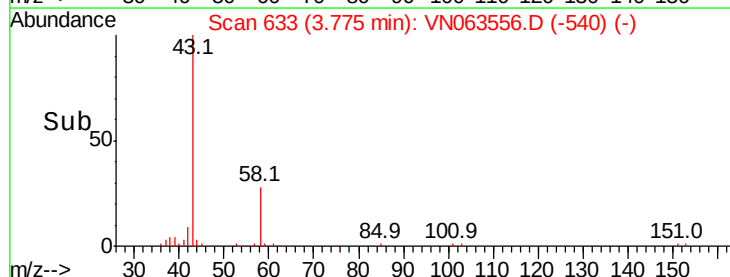
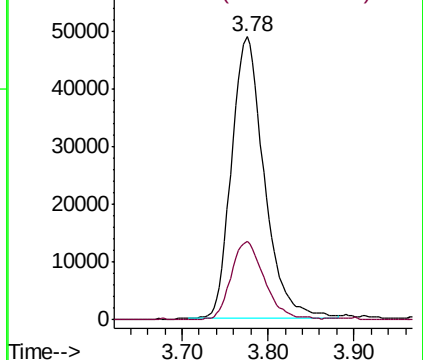
43 100

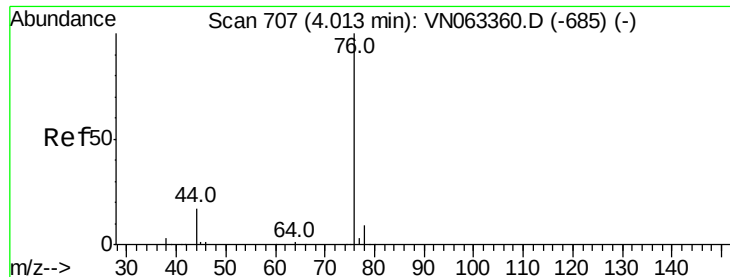
58 27.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

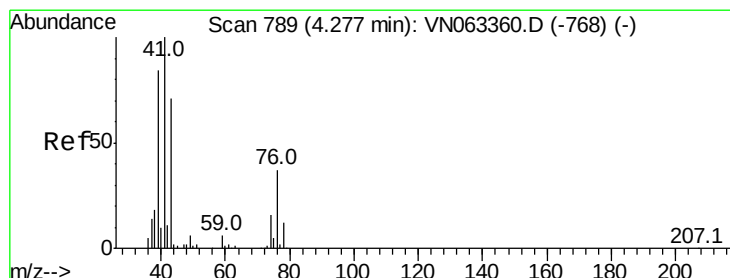
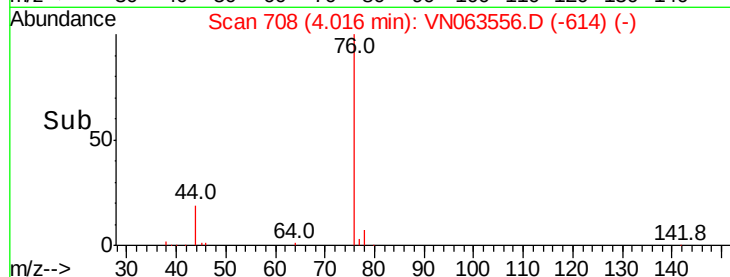
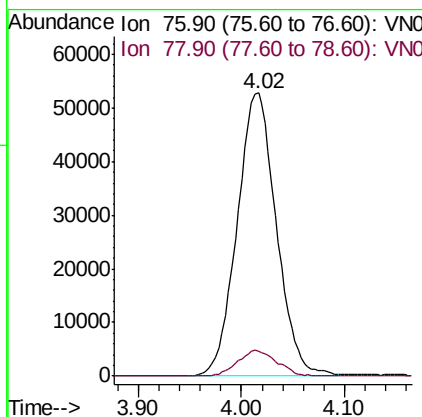
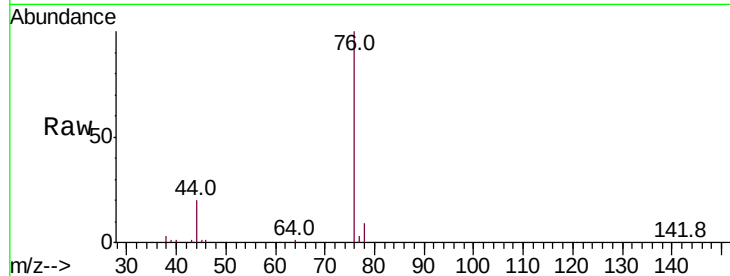




#17
Carbon Disulfide
Concen: 17.635 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

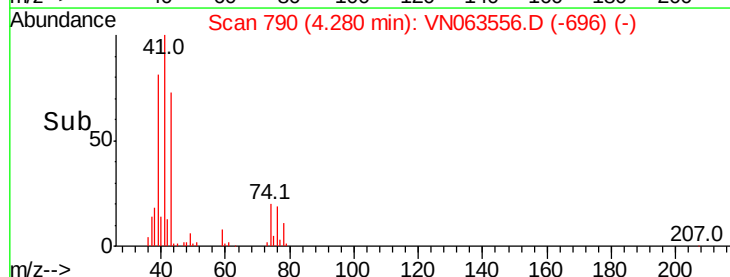
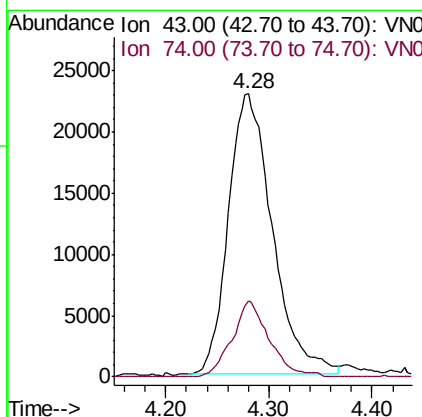
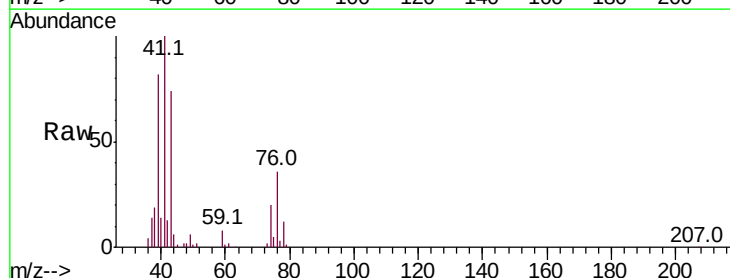
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD02

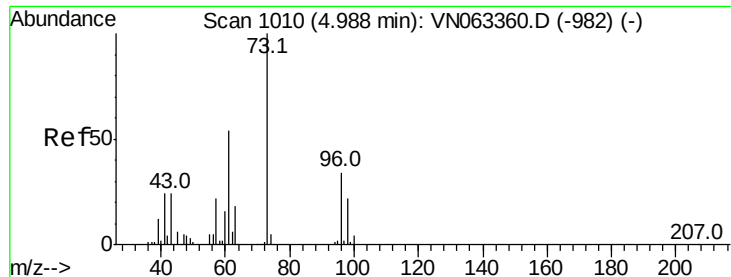
Tot Ion: 76 Resp: 139755
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 20.308 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

Tgt Ion: 43 Resp: 68095
Ion Ratio Lower Upper
43 100
74 22.6 17.4 26.2

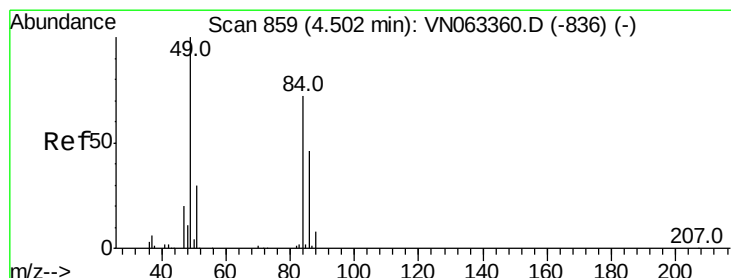
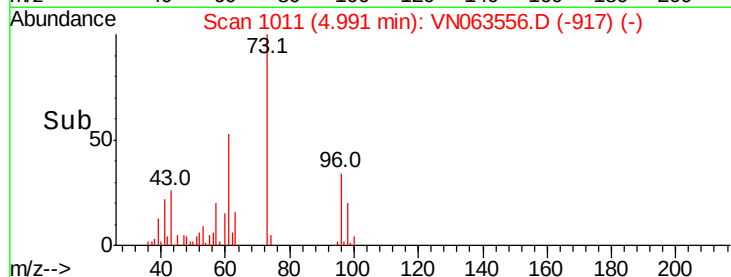
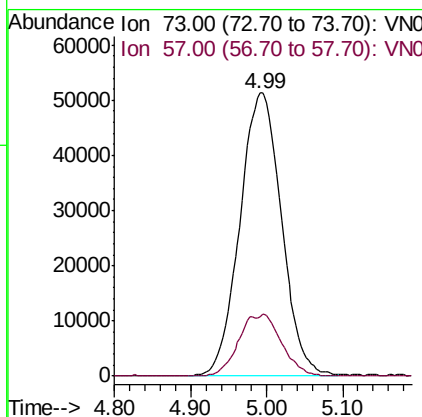
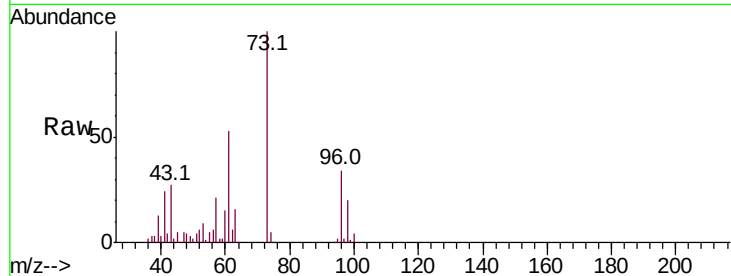




#19
Methvl tert-butvl Ether
Concen: 19.268 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

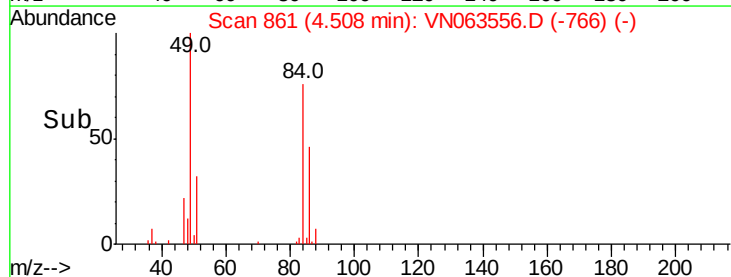
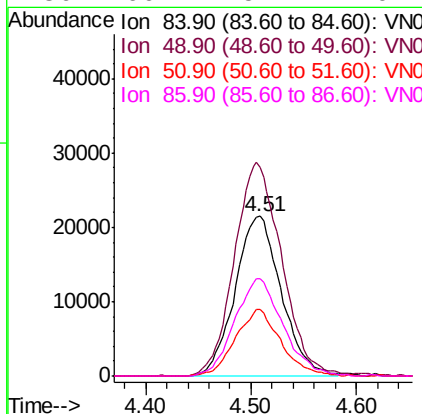
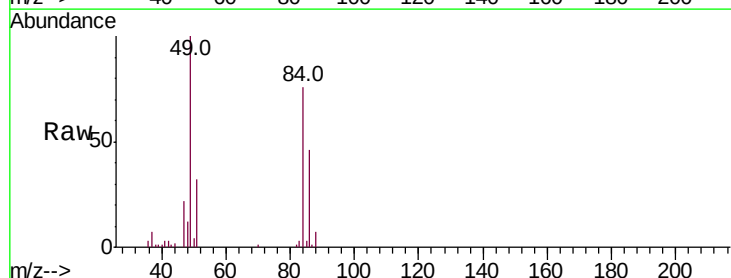
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD02

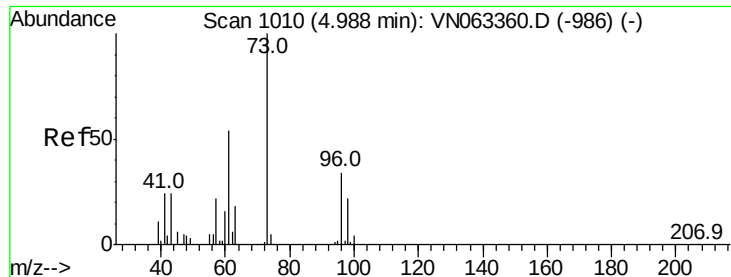
Tot Ion: 73 Resp: 195655
Ion Ratio Lower Upper
73 100
57 20.9 17.9 26.9



#20
Methylene Chloride
Concen: 19.552 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

Tgt Ion: 84 Resp: 65430
Ion Ratio Lower Upper
84 100
49 130.9 110.7 166.1
51 42.0 32.9 49.3
86 60.7 51.1 76.7

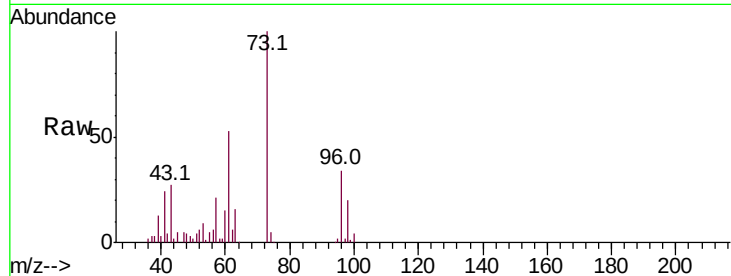




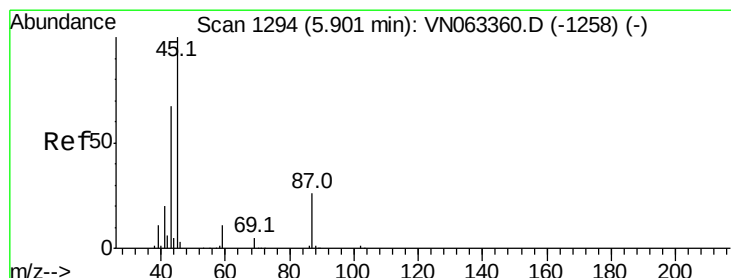
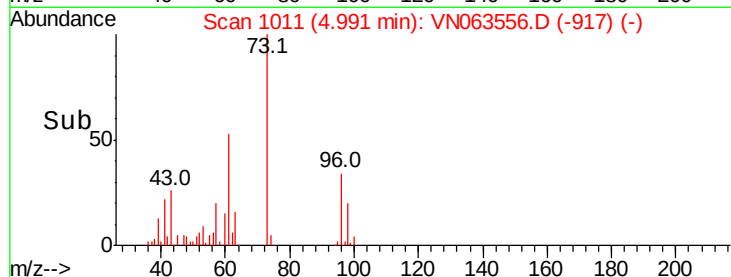
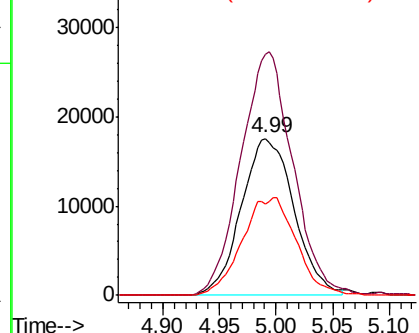
#21
trans-1,2-Dichloroethene
Concen: 18.870 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD02

Tot Ion: 96 Resp: 56959
Ion Ratio Lower Upper
96 100
61 153.6 126.2 189.4
98 58.1 51.0 76.4

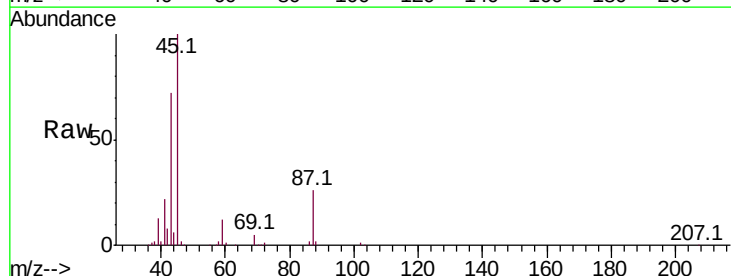


Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO

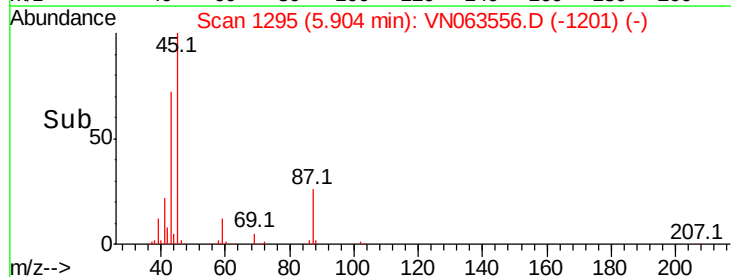
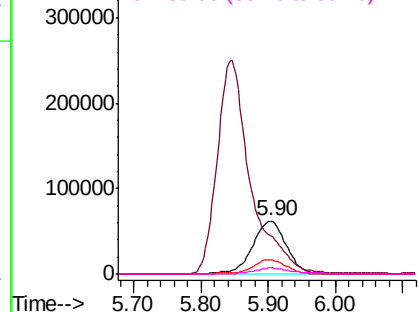


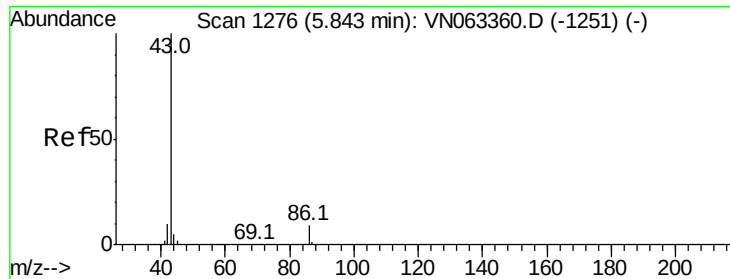
#22
Diisopropyl ether
Concen: 19.696 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

Tgt Ion: 45 Resp: 216481
Ion Ratio Lower Upper
45 100
43 70.4 53.5 80.3
87 26.3 21.2 31.8
59 11.6 8.8 13.2



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

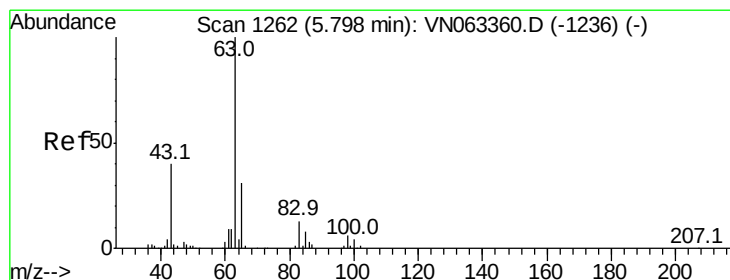
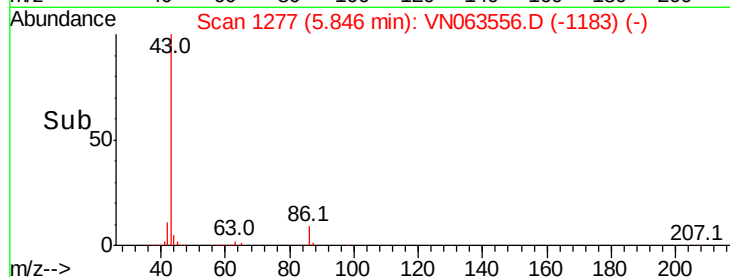
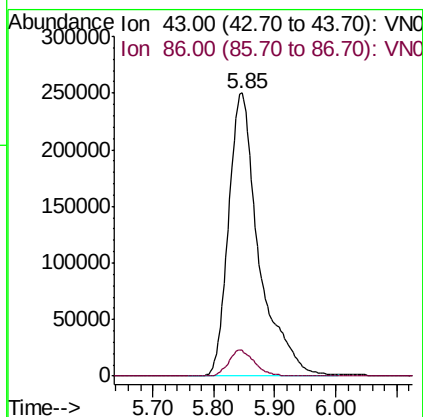
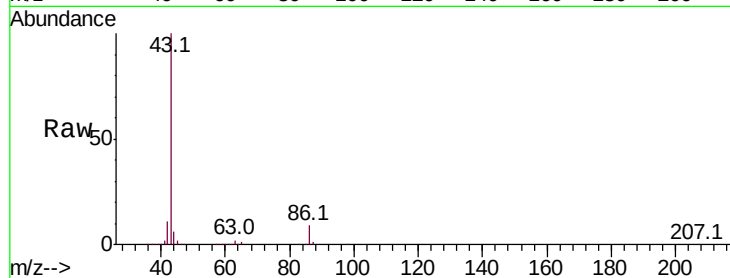




#23
 Vinyl Acetate
 Concen: 95.996 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063556.D
 Acq: 23 Sep 2020 1:40

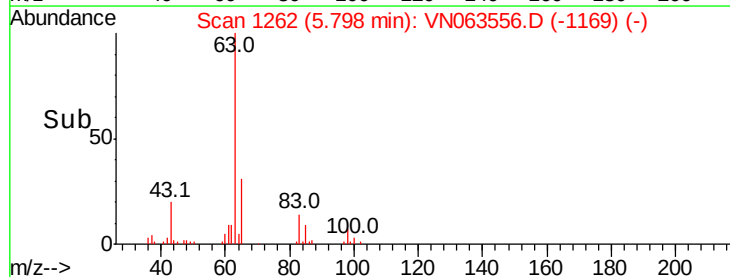
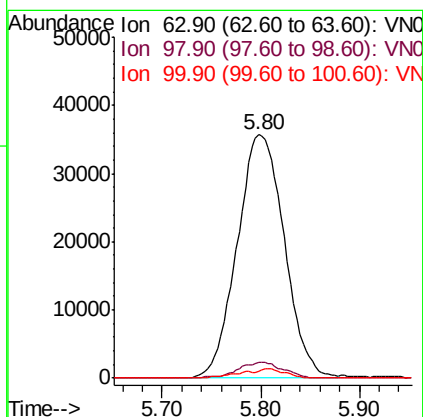
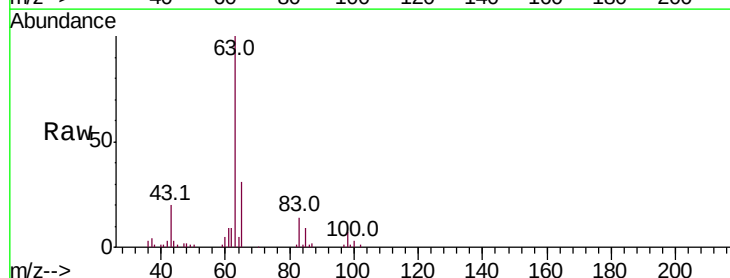
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD02

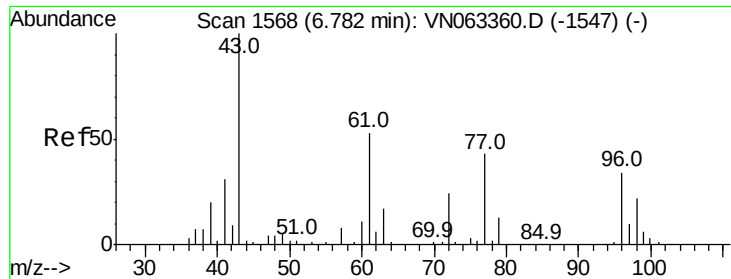
Tot Ion: 43 Resp: 866514
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 19.690 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063556.D
 Acq: 23 Sep 2020 1:40

Tgt Ion: 63 Resp: 118151
 Ion Ratio Lower Upper
 63 100
 98 6.6 2.9 8.8
 100 2.9 2.1 6.3

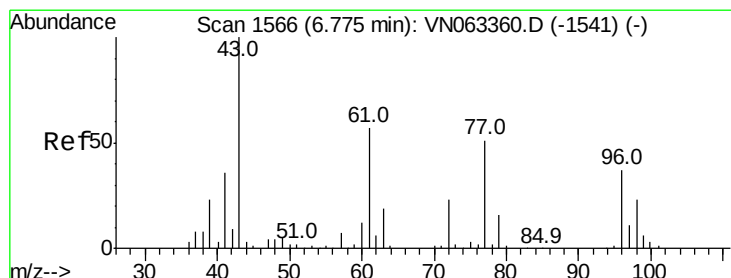
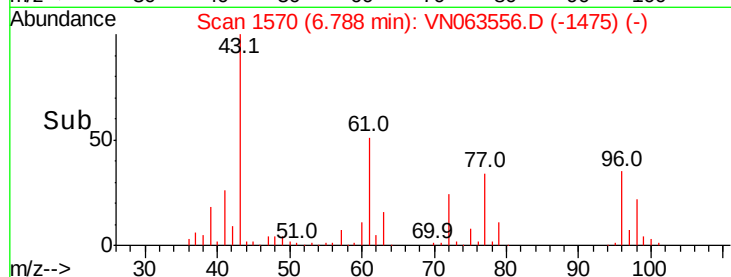
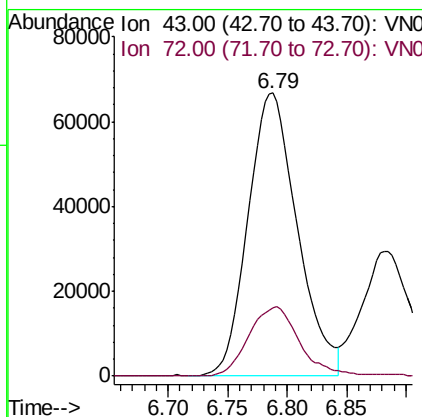
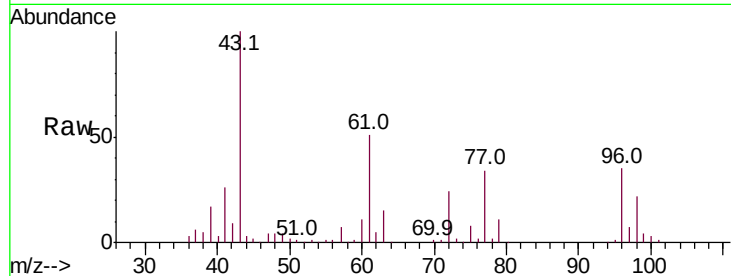




#25
2-Butanone
Concen: 94.688 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

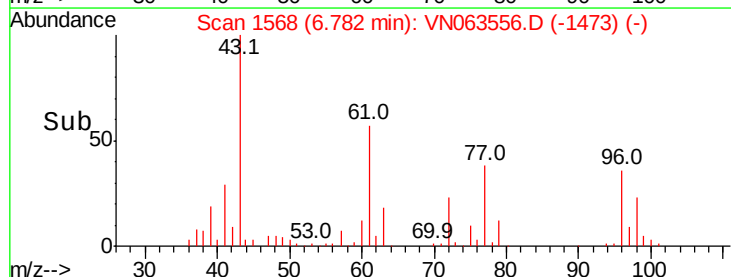
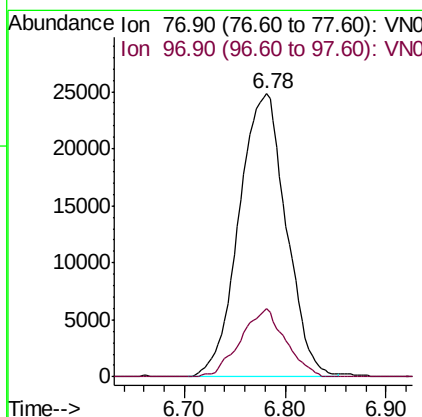
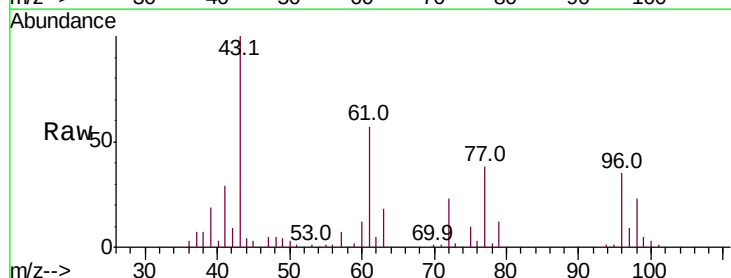
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD02

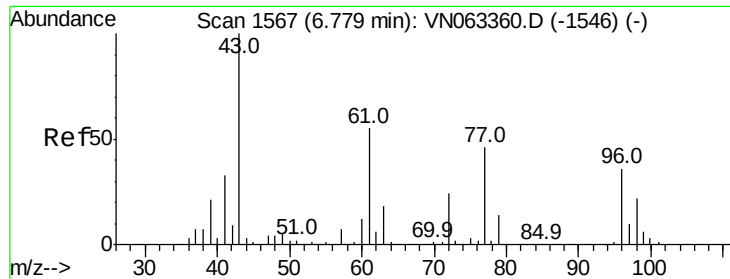
Tot Ion: 43 Resp: 192345
Ion Ratio Lower Upper
43 100
72 24.1 19.2 28.8



#26
2,2-Dichloropropane
Concen: 15.271 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

Tgt Ion: 77 Resp: 80677
Ion Ratio Lower Upper
77 100
97 22.9 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 19.876 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD02

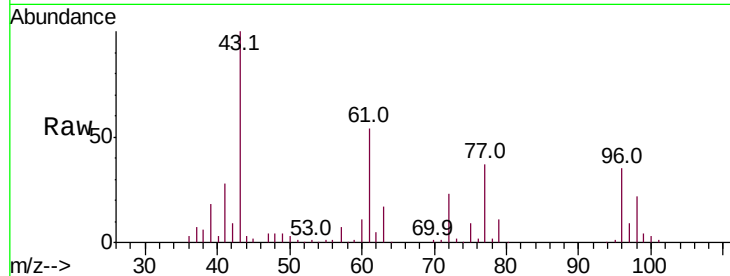
Tot Ion: 96 Resp: 67909

Ion Ratio Lower Upper

96 100

61 159.1 0.0 319.6

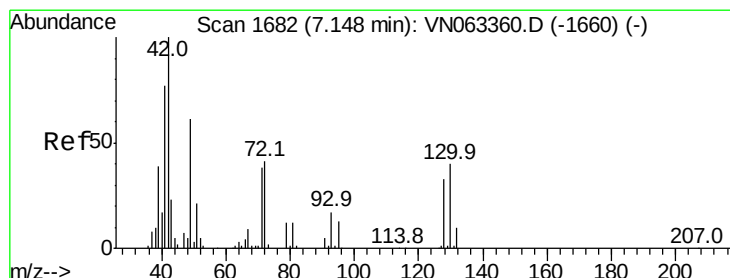
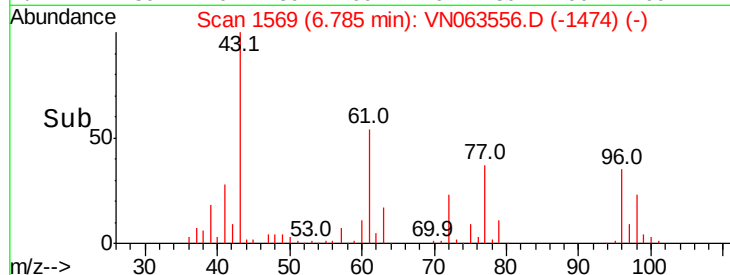
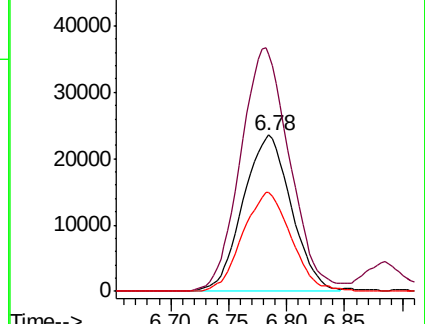
98 63.7 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.759 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

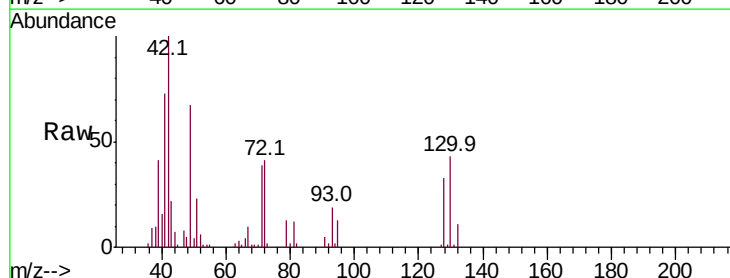
Tgt Ion: 49 Resp: 57515

Ion Ratio Lower Upper

49 100

129 0.8 0.0 3.8

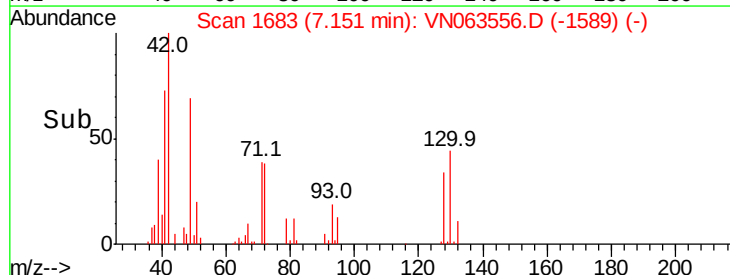
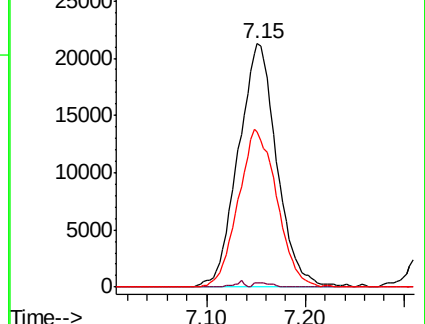
130 64.8 52.2 78.2

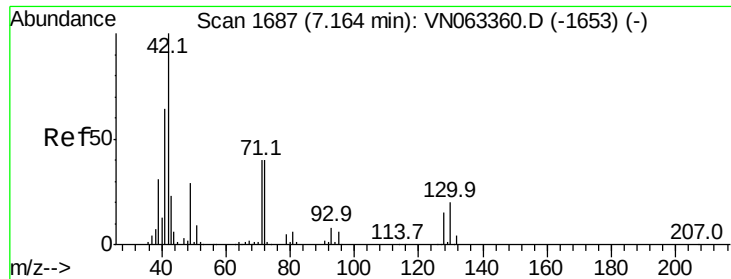


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

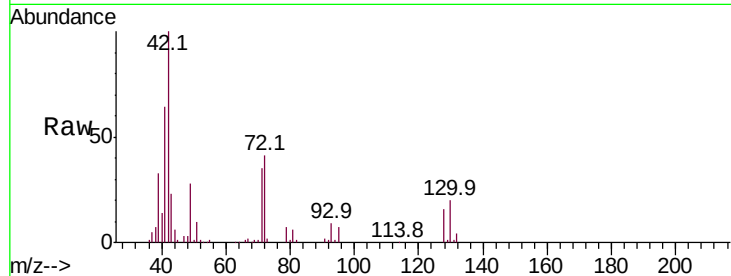




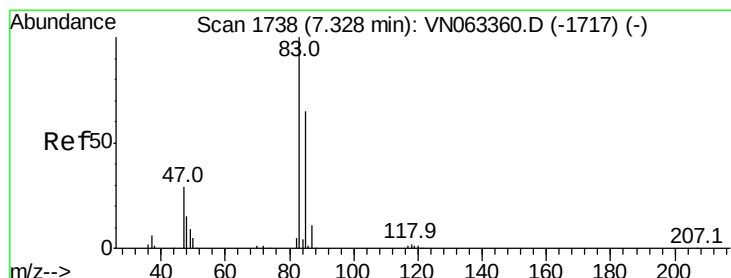
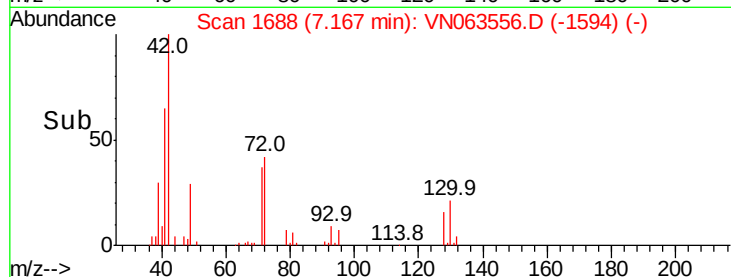
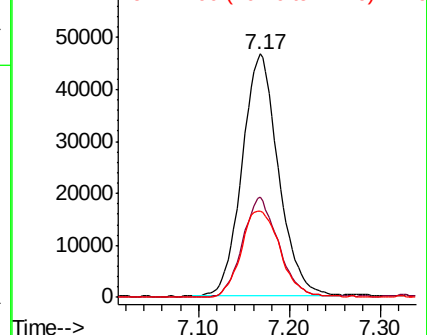
#29
Tetrahydrofuran
Concen: 93.652 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD02

Tot Ion: 42 Resp: 129930
Ion Ratio Lower Upper
42 100
72 40.6 32.1 48.1
71 38.3 31.2 46.8

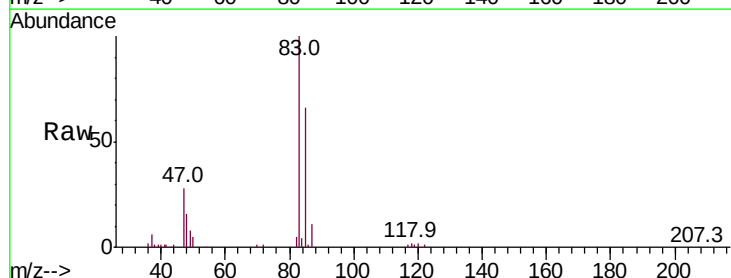


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

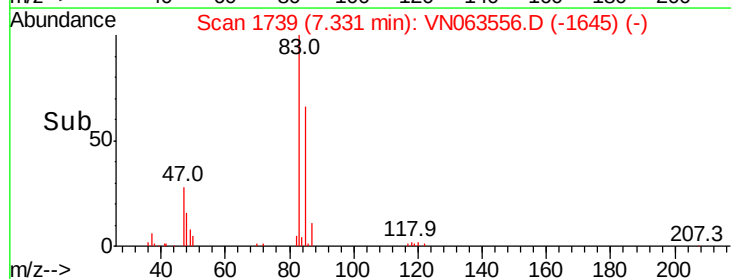
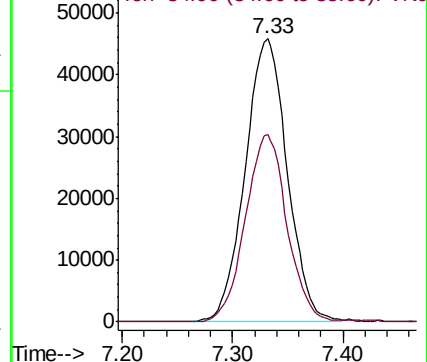


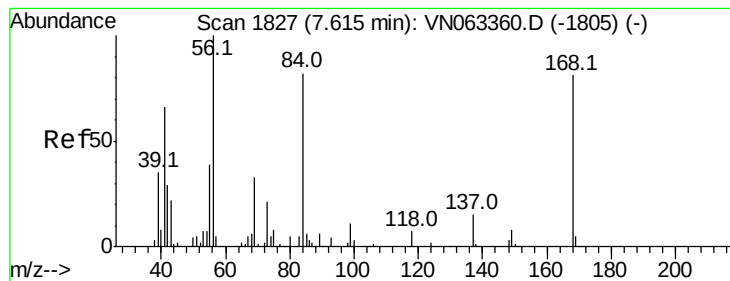
#30
Chloroform
Concen: 20.147 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

Tgt Ion: 83 Resp: 121288
Ion Ratio Lower Upper
83 100
85 66.0 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: 16.462 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD02

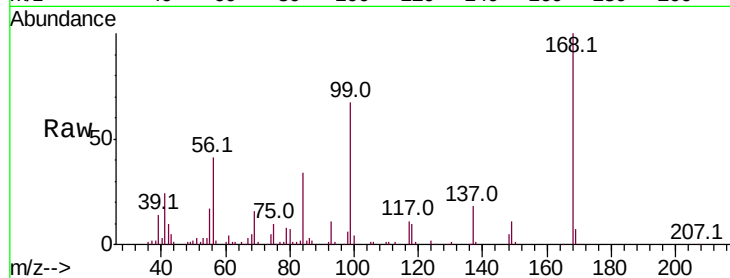
Tot Ion: 56 Resp: 93436

Ion Ratio Lower Upper

56 100

69 38.2 26.1 39.1

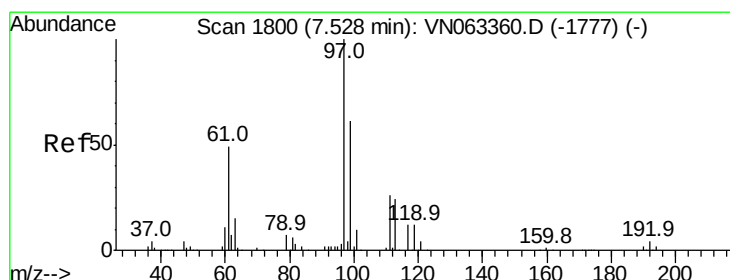
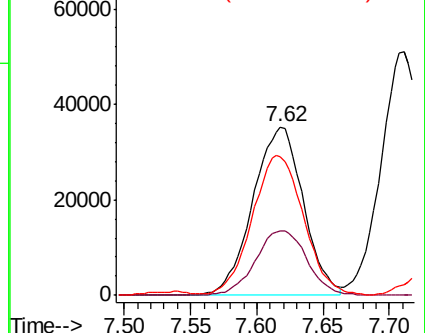
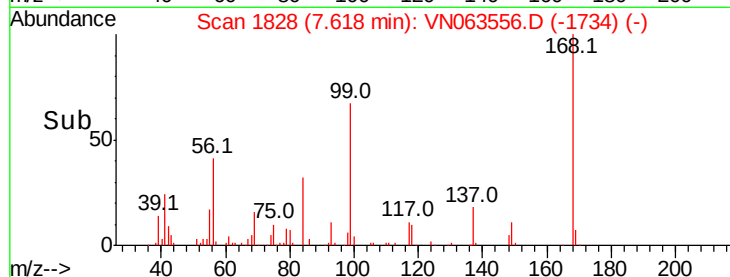
84 80.8 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.632 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

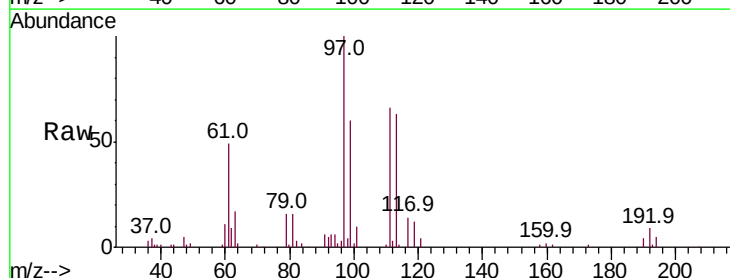
Tgt Ion: 97 Resp: 105121

Ion Ratio Lower Upper

97 100

99 63.5 50.6 76.0

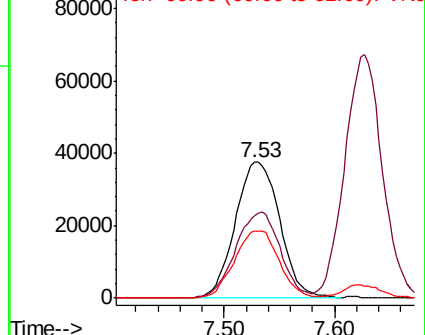
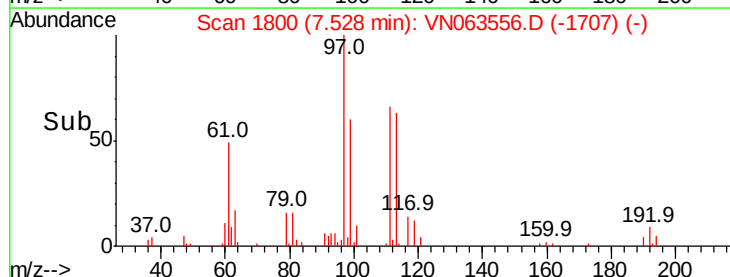
61 49.6 39.2 58.8

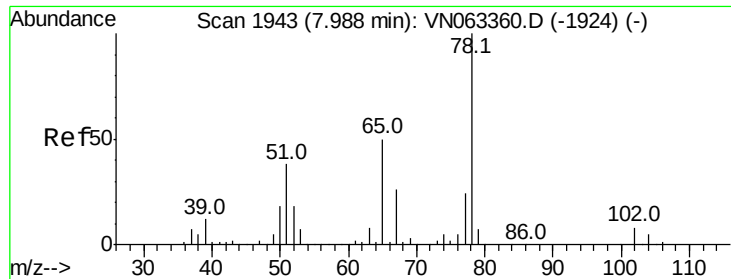


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

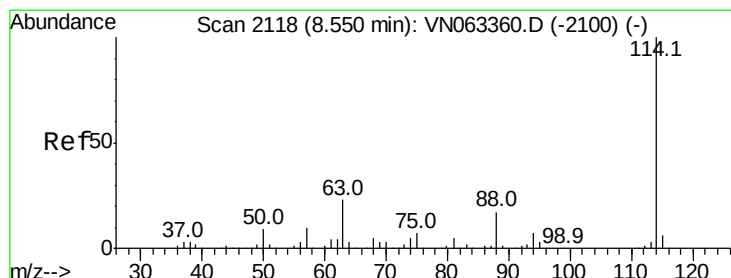
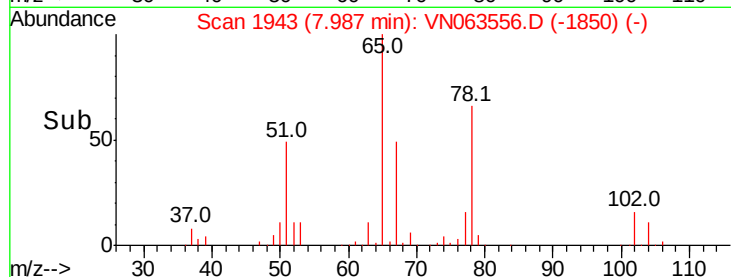
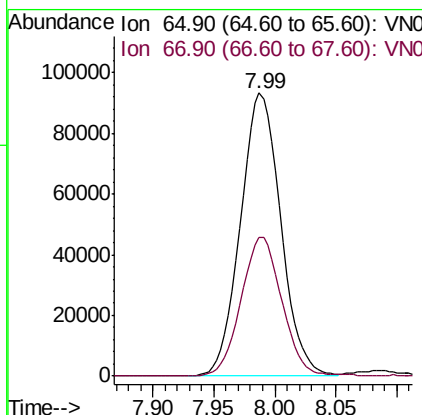
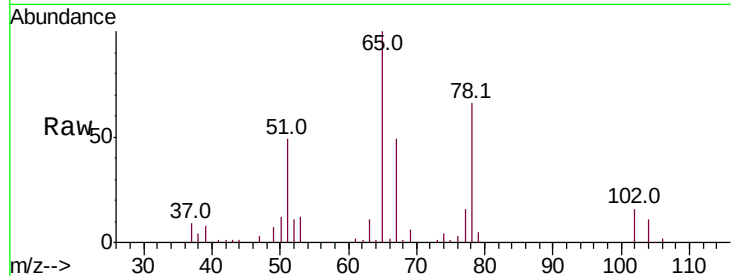




#33
 1,2-Dichloroethane-d4
 Concen: 51.903 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063556.D
 Acq: 23 Sep 2020 1:40

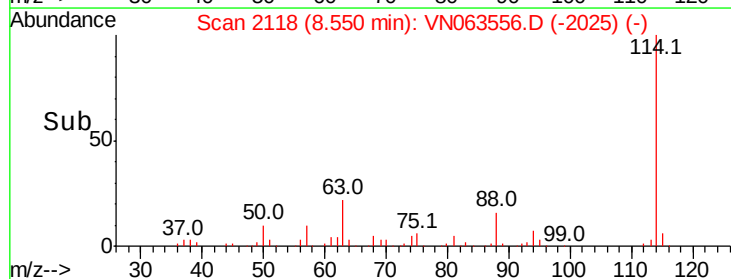
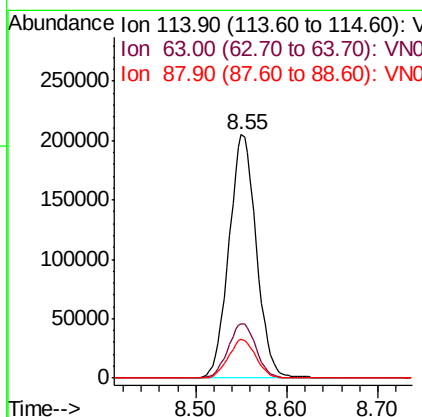
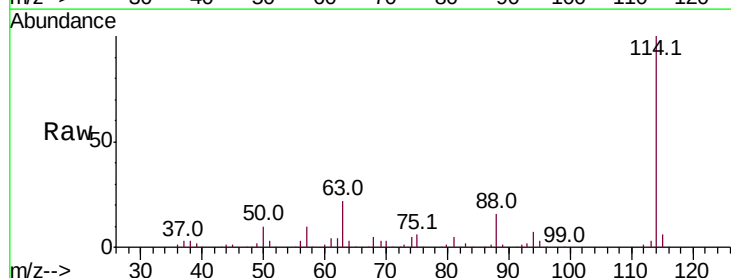
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD02

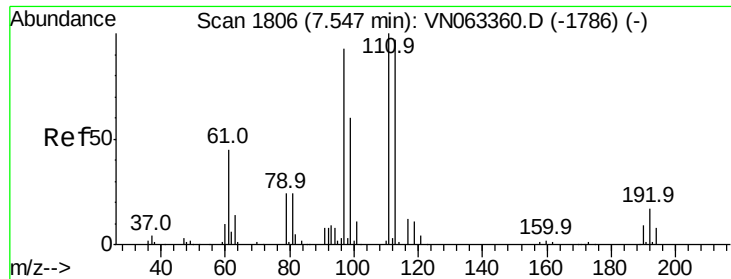
Tot Ion: 65 Resp: 213307
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063556.D
 Acq: 23 Sep 2020 1:40

Tgt Ion: 114 Resp: 428193
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 46.4
 88 16.1 0.0 33.2

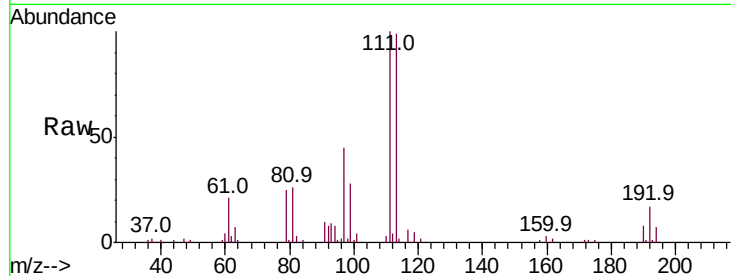




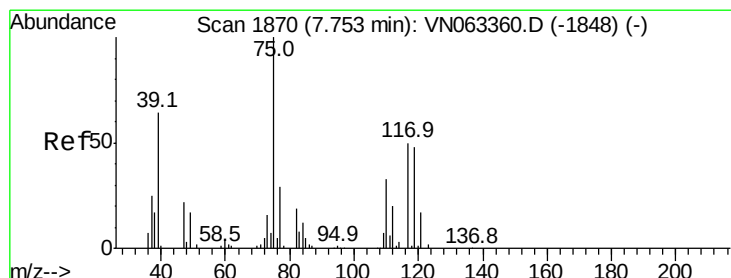
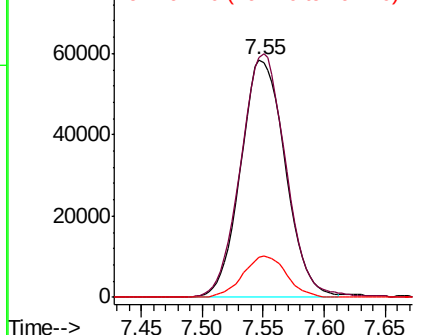
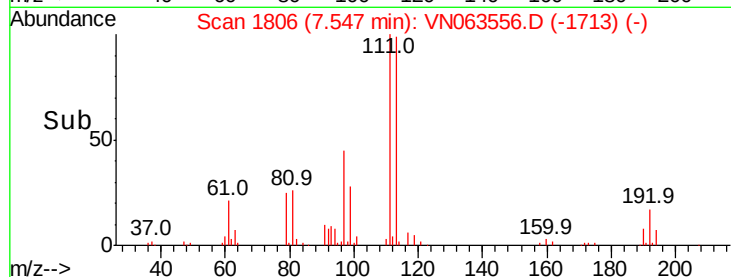
#35
 Dibromofluoromethane
 Concen: 50.023 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063556.D
 Acq: 23 Sep 2020 1:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD02

Tot Ion:113 Resp: 148284
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.9 124.3
 192 17.1 13.9 20.9

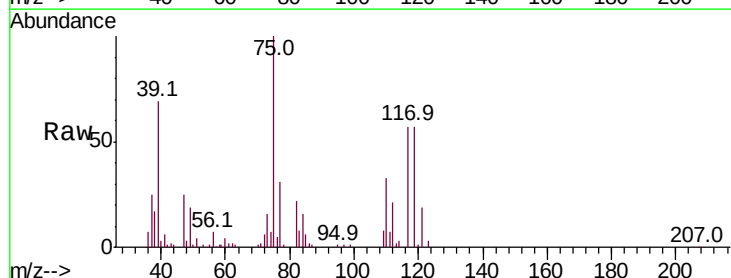


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

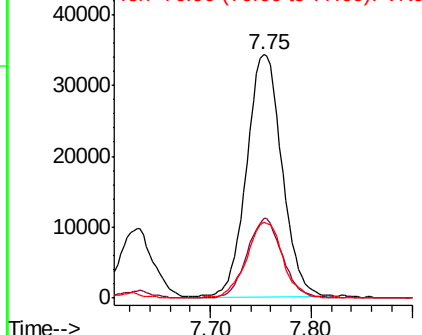
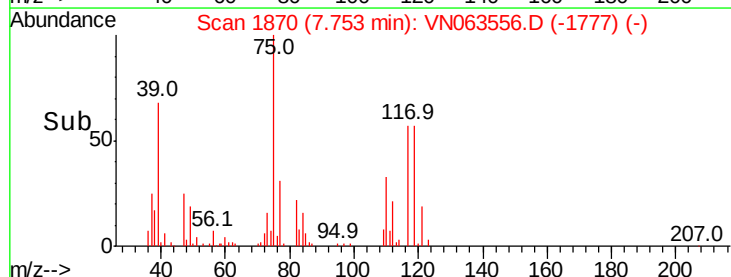


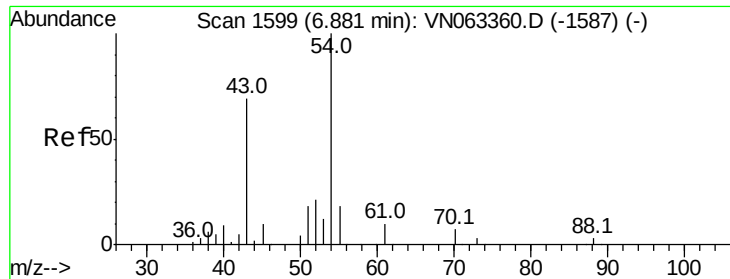
#36
 1,1-Dichloropropene
 Concen: 18.263 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063556.D
 Acq: 23 Sep 2020 1:40

Tgt Ion: 75 Resp: 83312
 Ion Ratio Lower Upper
 75 100
 110 32.6 16.5 49.5
 77 32.0 24.6 36.8



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





#37

Ethyl Acetate

Concen: 19.563 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD02

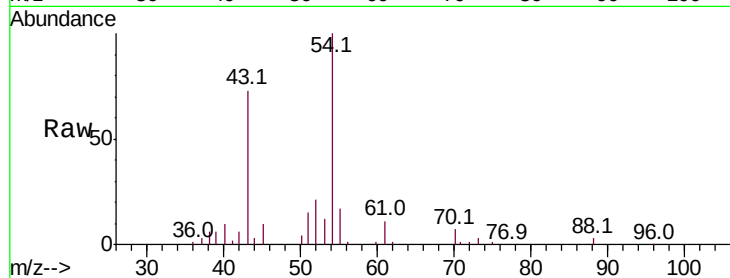
Tot Ion: 43 Resp: 87587

Ion Ratio Lower Upper

43 100

61 12.9 10.6 15.8

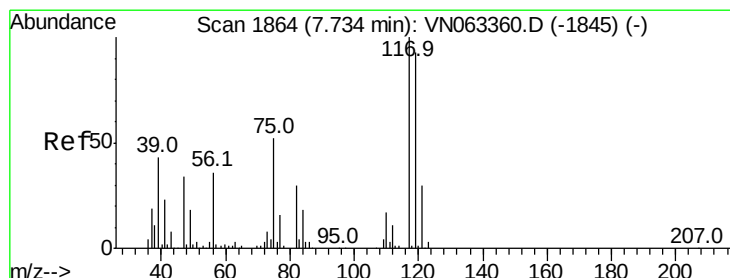
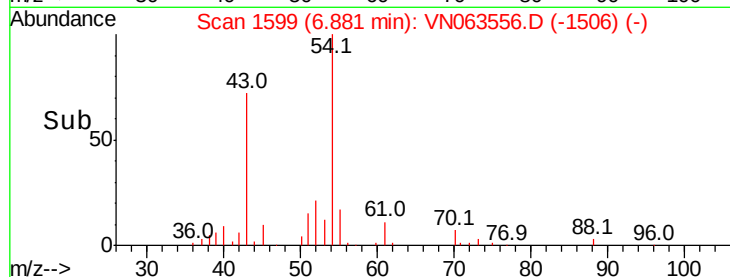
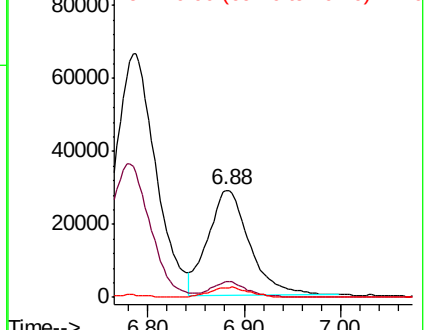
70 9.0 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1587) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-1587) (-)

Ion 70.00 (69.70 to 70.70): VN063360.D (-1587) (-)



#38

Carbon Tetrachloride

Concen: 18.694 ug/l

RT: 7.74 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

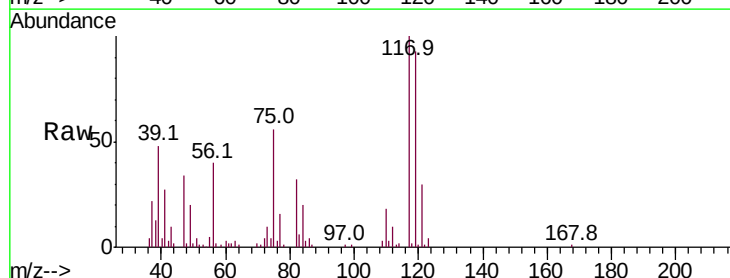
Tgt Ion: 117 Resp: 87054

Ion Ratio Lower Upper

117 100

119 93.0 74.5 111.7

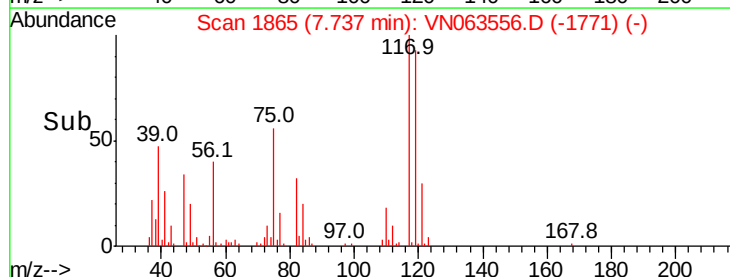
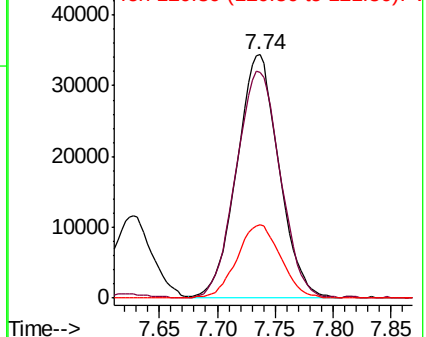
121 30.1 24.1 36.1

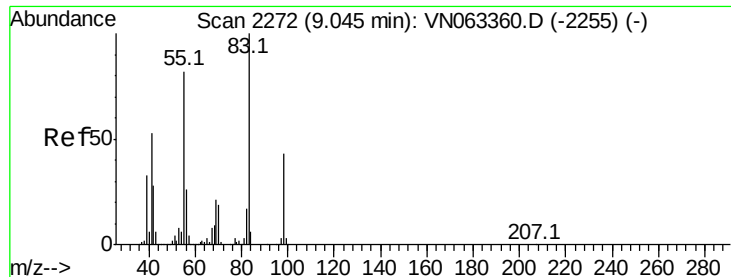


Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-1845) (-)

Ion 118.80 (118.50 to 119.50): VN063360.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN063360.D (-1845) (-)

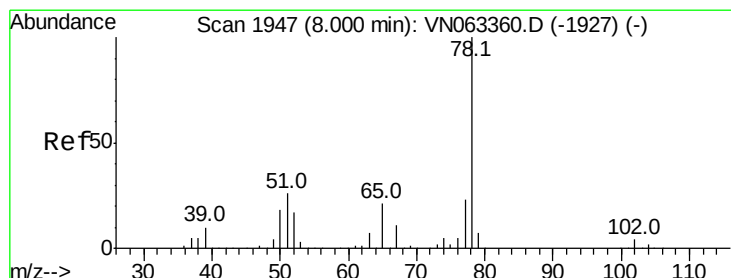
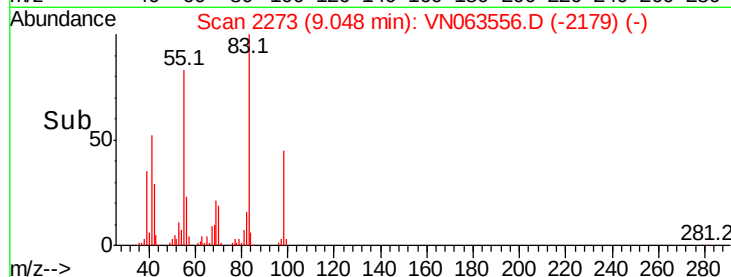
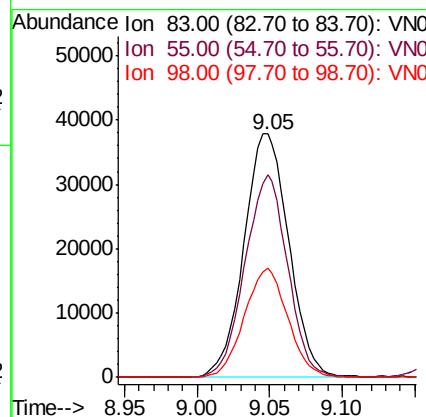
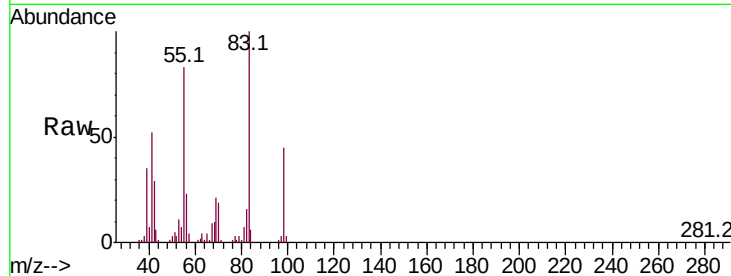




#39
Methylvlcyclohexane
Concen: 16.468 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

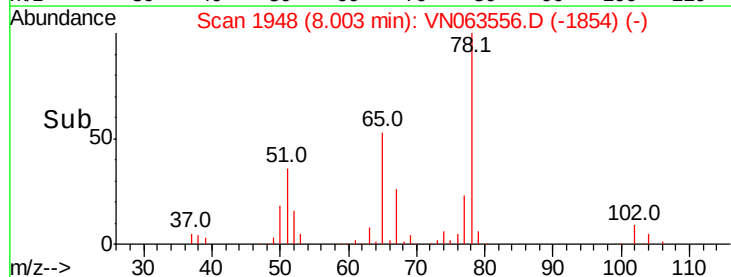
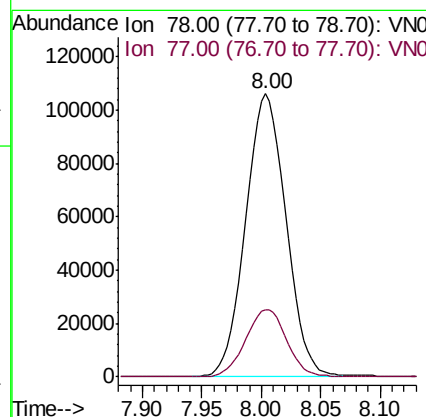
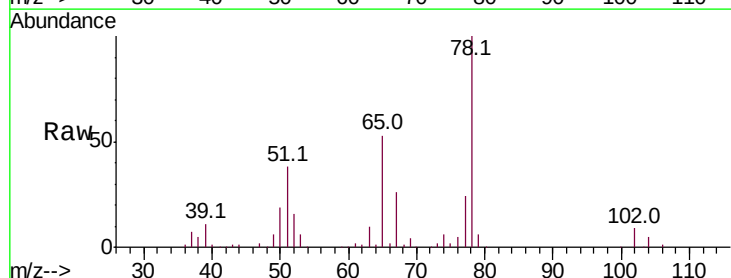
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD02

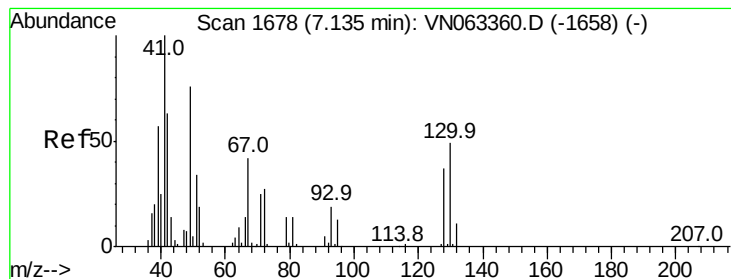
Tot Ion: 83 Resp: 81535
Ion Ratio Lower Upper
83 100
55 83.3 65.5 98.3
98 44.8 34.2 51.4



#40
Benzene
Concen: 19.183 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

Tgt Ion: 78 Resp: 249798
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5

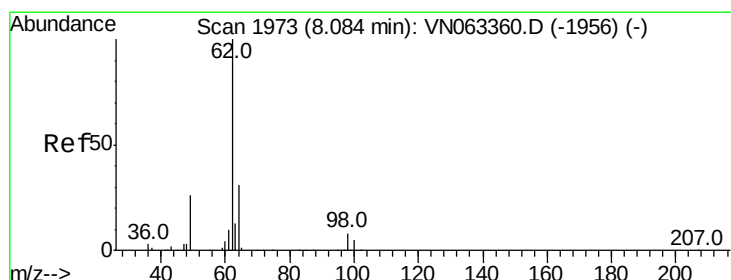
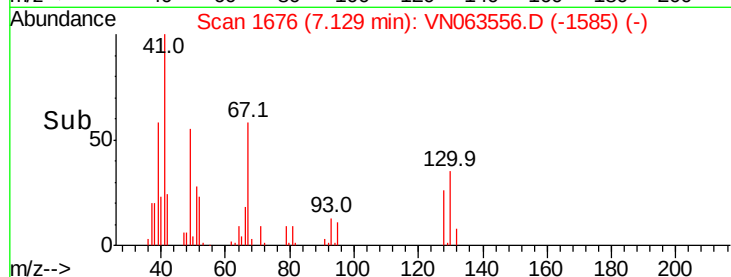
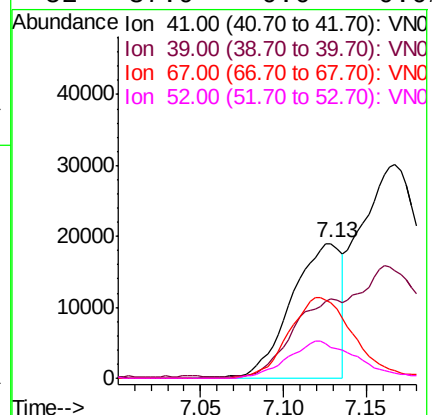
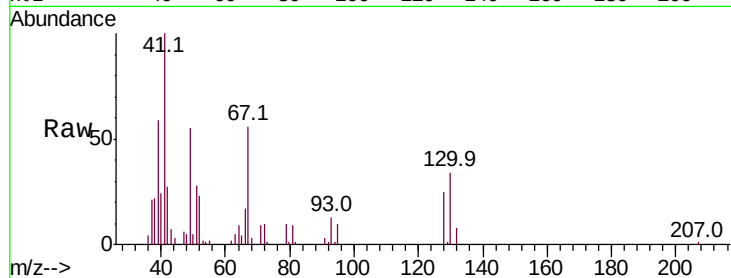




#41
Methacrylonitrile
Concen: 19.829 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. -0.01 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

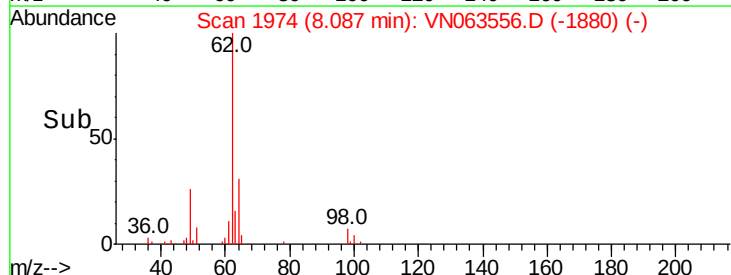
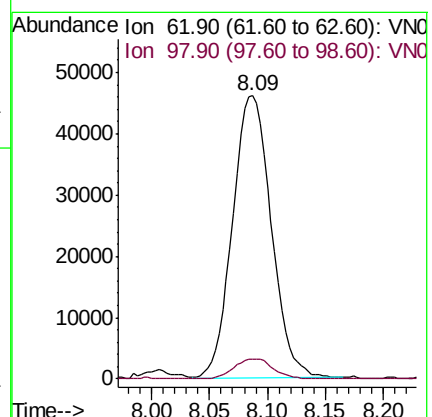
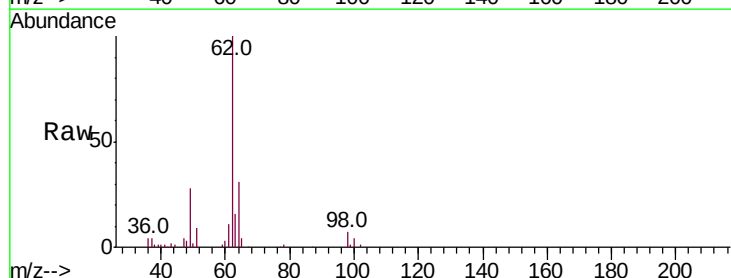
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD02

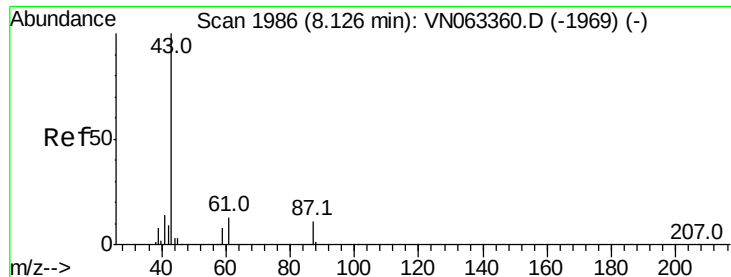
Tot Ion: 41 Resp: 39930
Ion Ratio Lower Upper
41 100
39 56.4 0.0 0.0#
67 76.8 0.0 0.0#
52 37.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.365 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

Tgt Ion: 62 Resp: 106649
Ion Ratio Lower Upper
62 100
98 7.1 0.0 15.6





#43

Isopropyl Acetate

Concen: 17.952 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD02

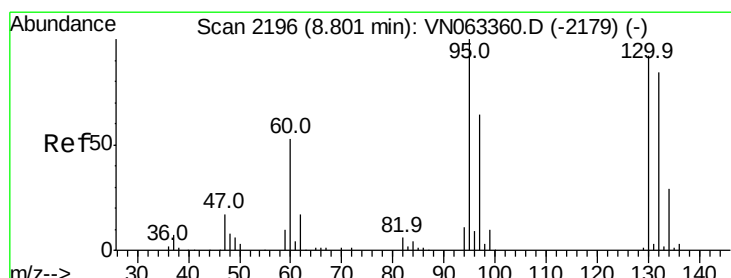
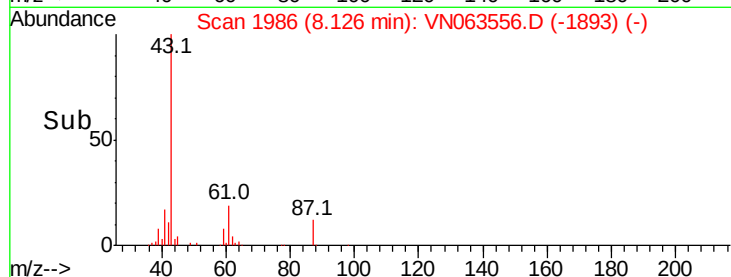
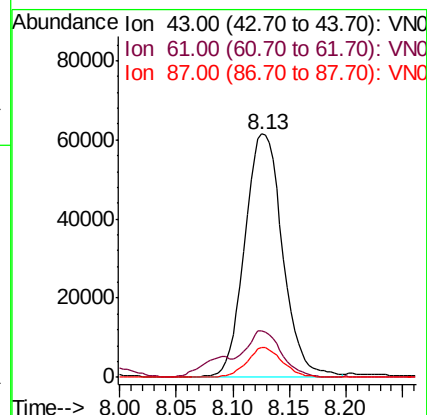
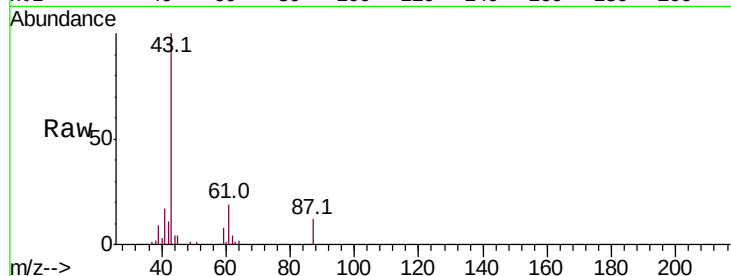
Tot Ion: 43 Resp: 143716

Ion Ratio Lower Upper

43 100

61 18.3 14.2 21.2

87 11.5 9.0 13.6



#44

Trichloroethene

Concen: 19.715 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063556.D

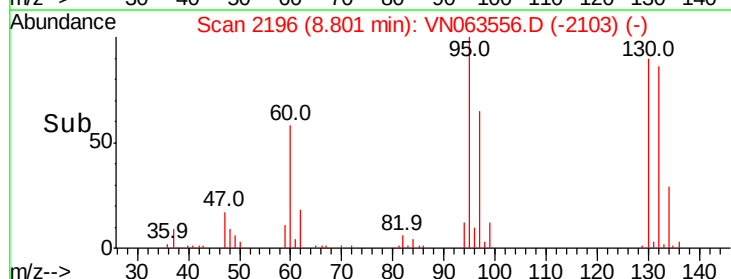
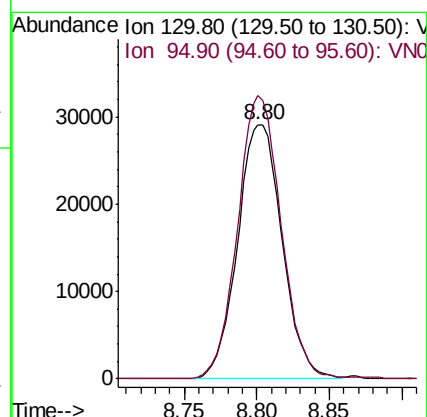
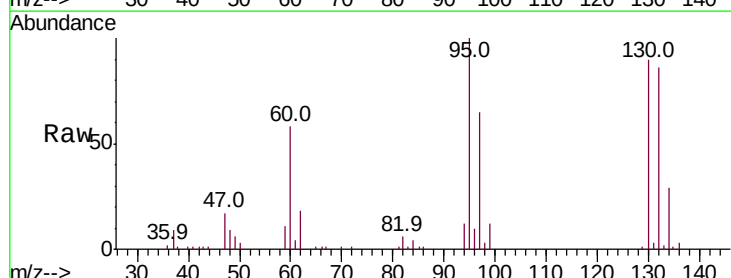
Acq: 23 Sep 2020 1:40

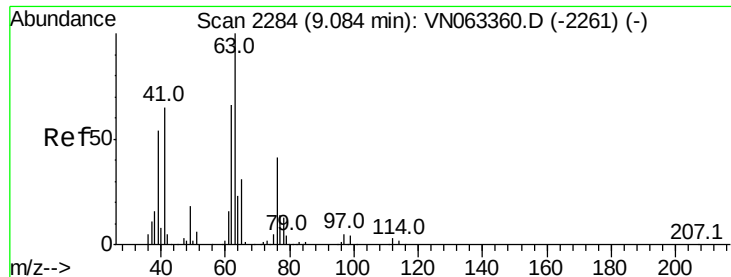
Tgt Ion:130 Resp: 62268

Ion Ratio Lower Upper

130 100

95 111.3 0.0 217.4





#45

1,2-Dichloropropane

Concen: 19.165 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

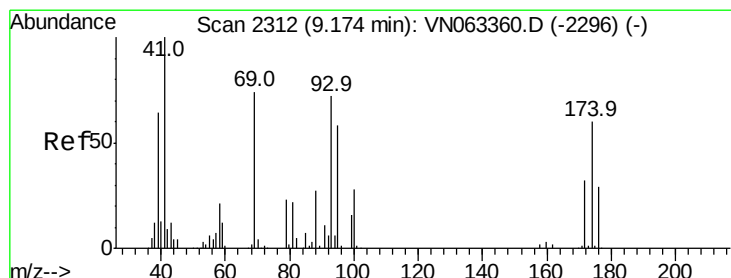
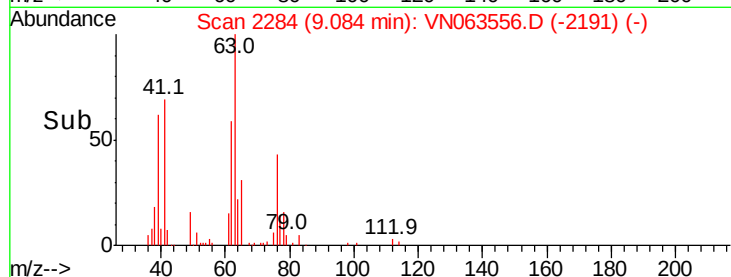
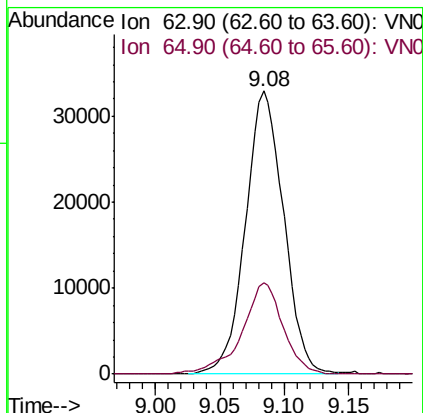
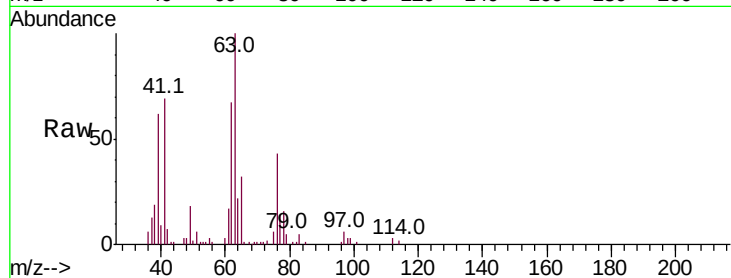
VN0922WBSD02

Tot Ion: 63 Resp: 67974

Ion Ratio Lower Upper

63 100

65 32.4 25.0 37.6



#46

Dibromomethane

Concen: 20.131 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

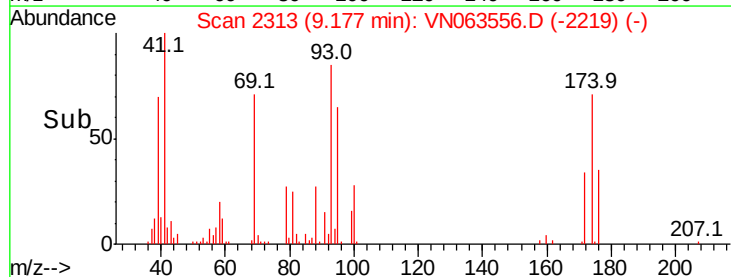
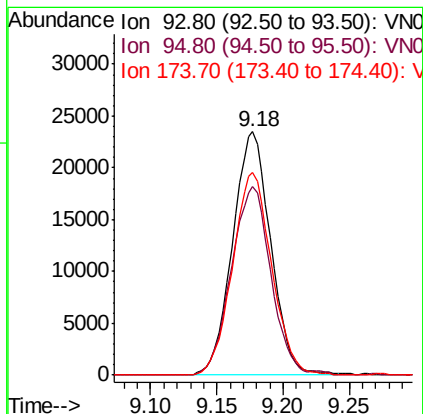
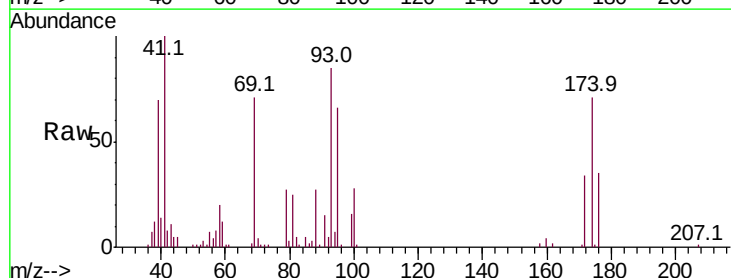
Tgt Ion: 93 Resp: 46927

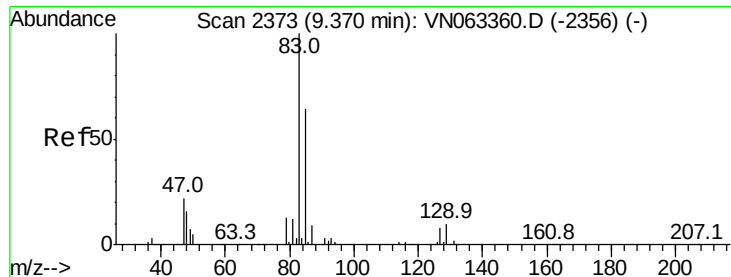
Ion Ratio Lower Upper

93 100

95 79.7 65.6 98.4

174 85.4 68.1 102.1





#47

Bromodichloromethane

Concen: 19.952 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD02

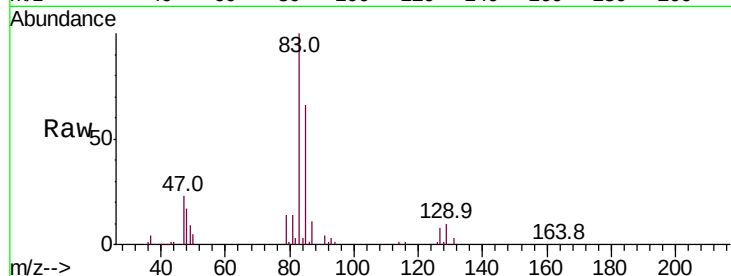
Tot Ion: 83 Resp: 96623

Ion Ratio Lower Upper

83 100

85 65.8 51.0 76.6

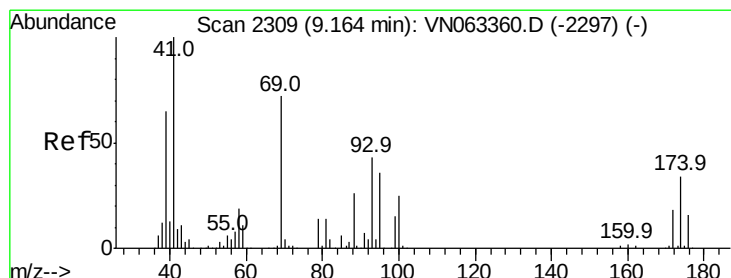
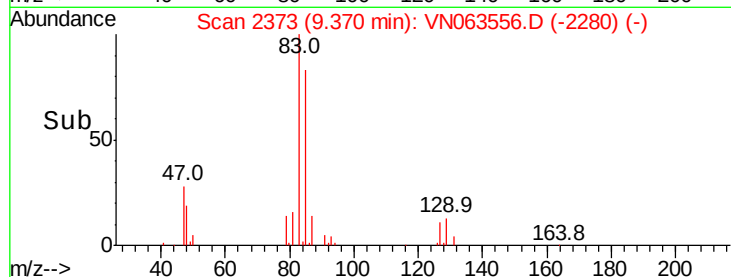
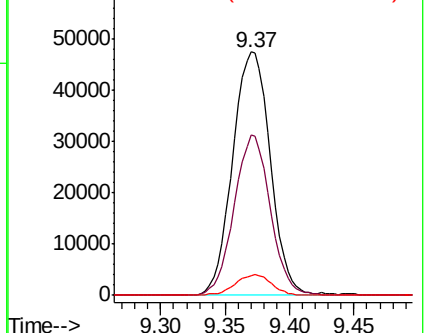
127 8.3 6.3 9.5



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): VN0



#48

Methyl methacrylate

Concen: 17.546 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

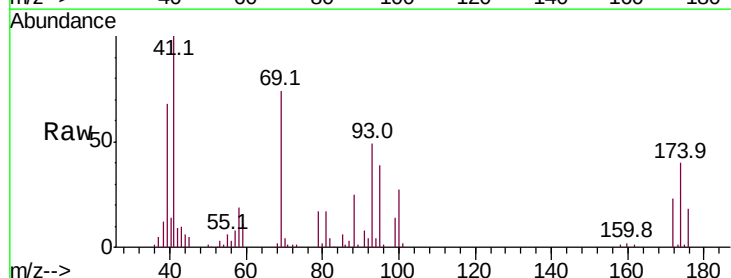
Tgt Ion: 41 Resp: 69012

Ion Ratio Lower Upper

41 100

69 78.2 59.3 88.9

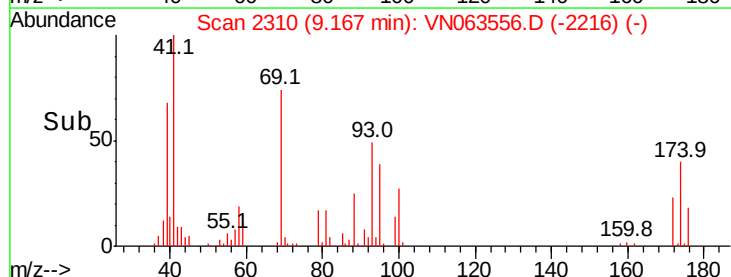
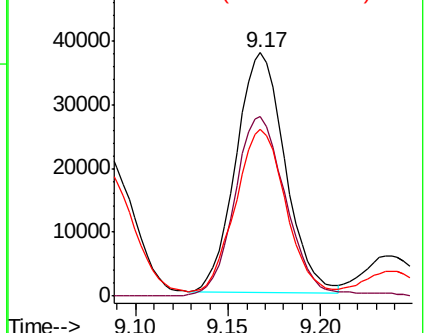
39 71.3 52.9 79.3

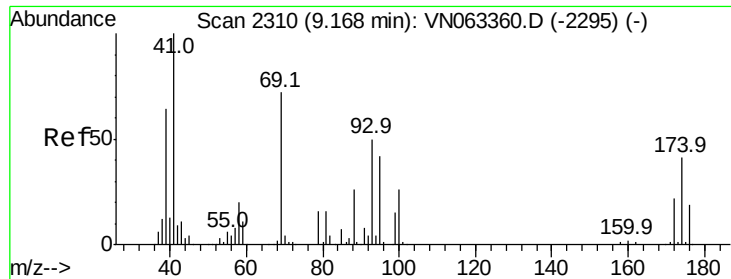


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 376.795 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD02

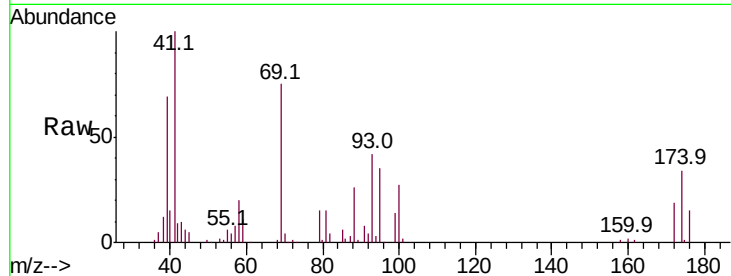
Tot Ion: 88 Resp: 21268

Ion Ratio Lower Upper

88 100

43 36.2 32.6 49.0

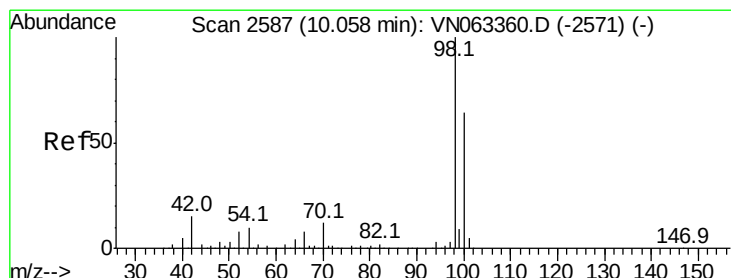
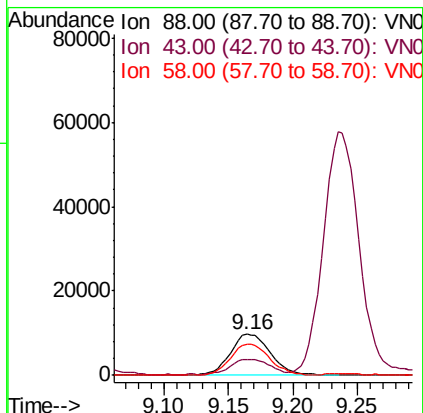
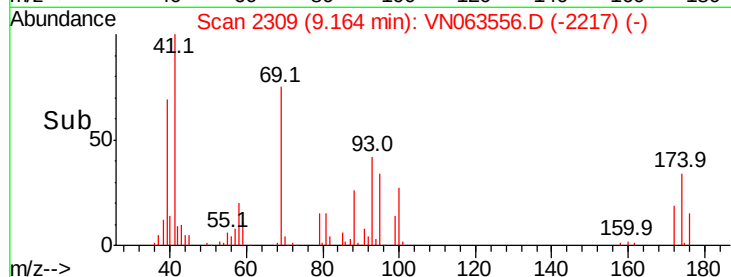
58 73.0 60.0 90.0



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: 48.922 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063556.D

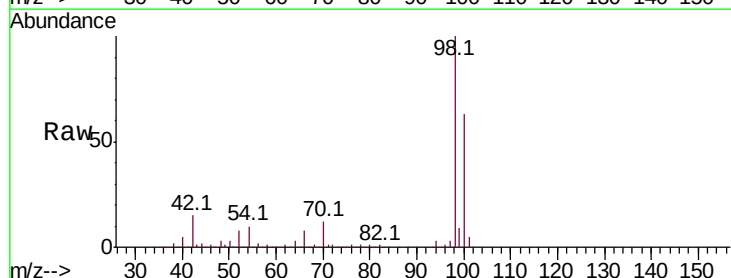
Acq: 23 Sep 2020 1:40

Tgt Ion: 98 Resp: 545294

Ion Ratio Lower Upper

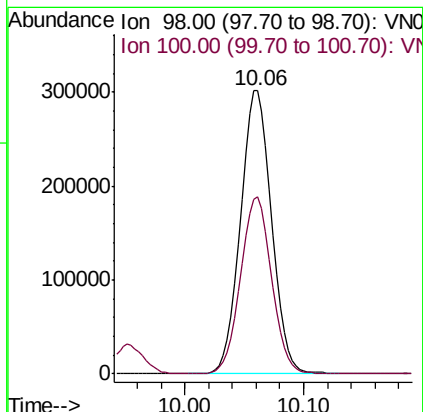
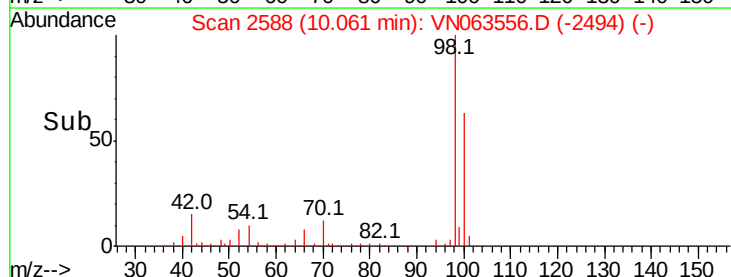
98 100

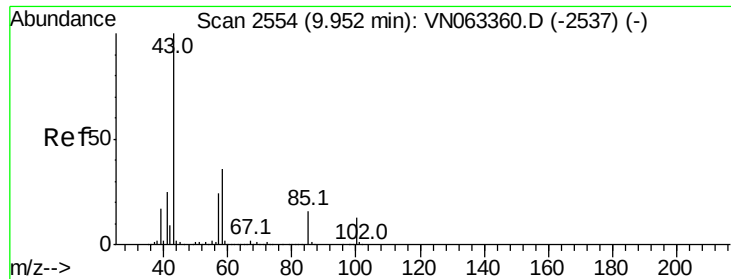
100 62.5 50.7 76.1



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: 96.886 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleID :

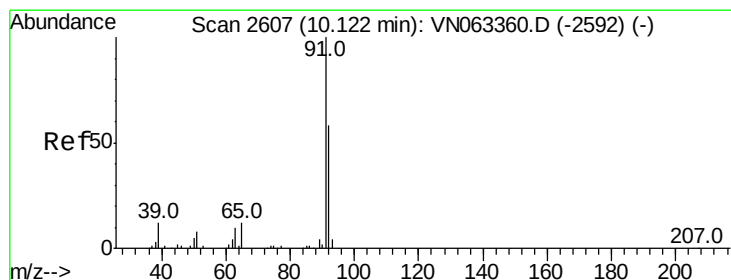
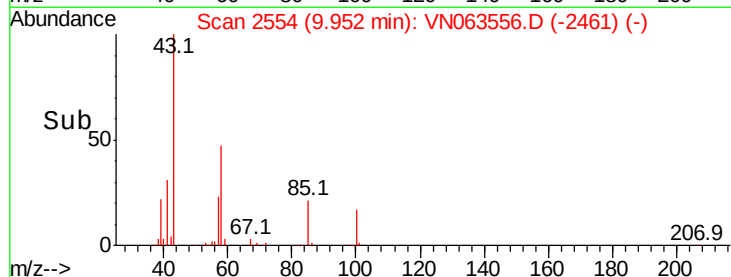
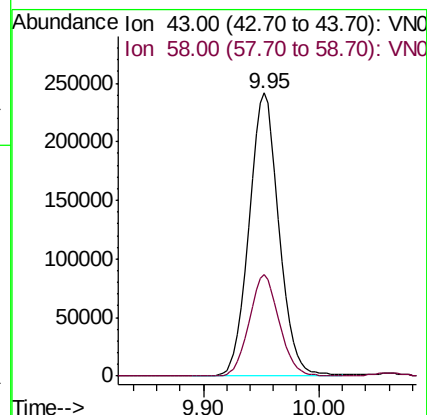
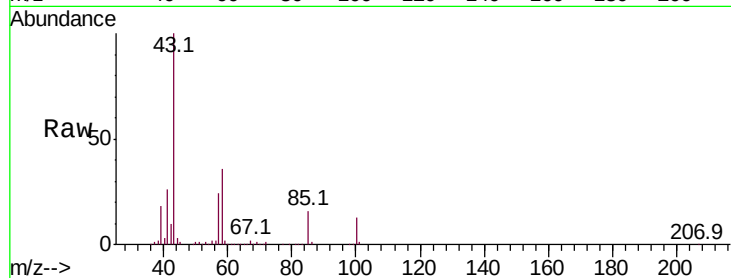
VN0922WBSD02

Tot Ion: 43 Resp: 434229

Ion Ratio Lower Upper

43 100

58 36.0 29.0 43.6



#52

Toluene

Concen: 19.846 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063556.D

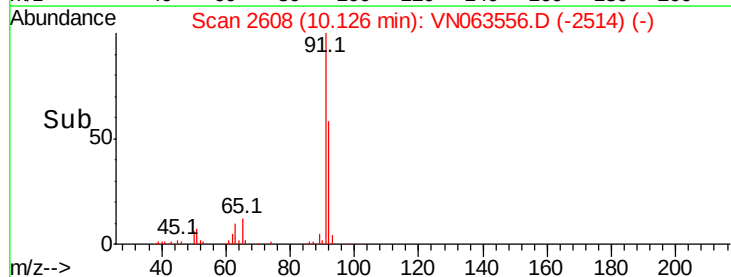
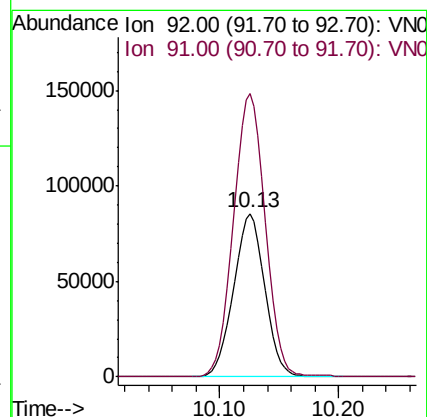
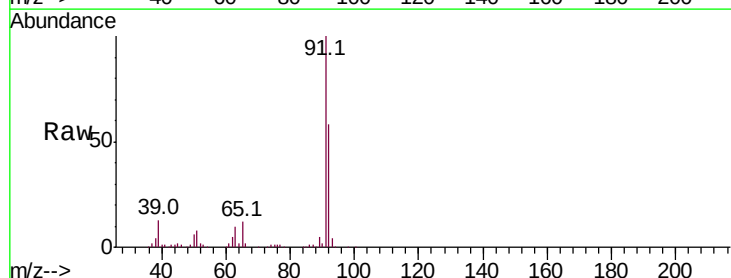
Acq: 23 Sep 2020 1:40

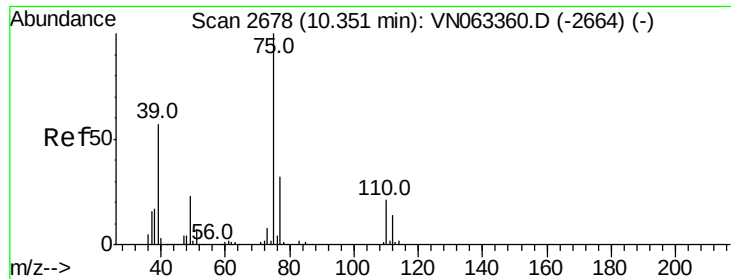
Tgt Ion: 92 Resp: 155384

Ion Ratio Lower Upper

92 100

91 176.9 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 17.932 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

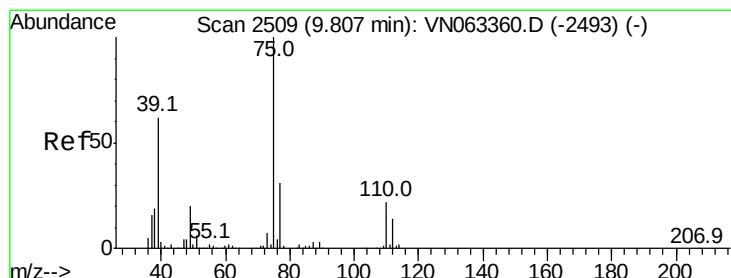
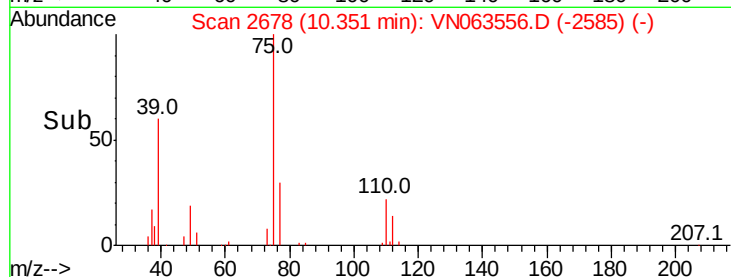
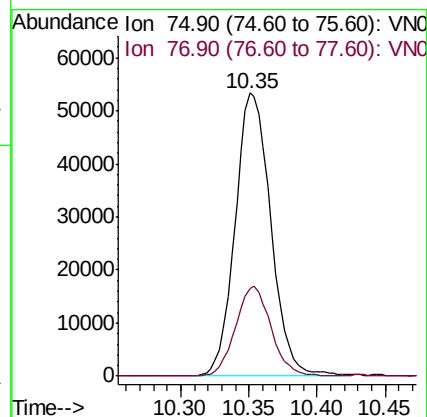
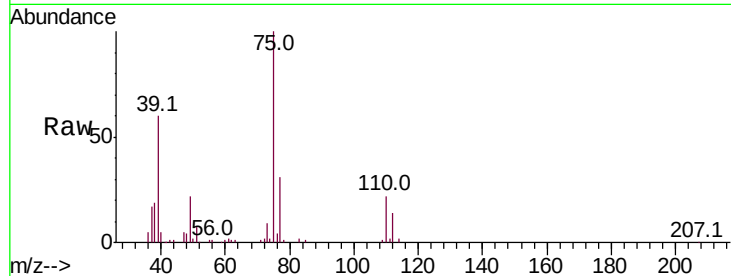
VN0922WBSD02

Tot Ion: 75 Resp: 96948

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.231 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

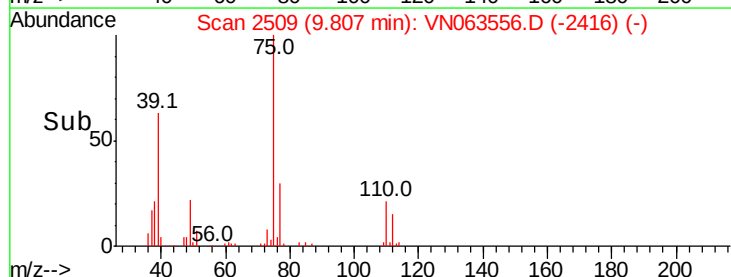
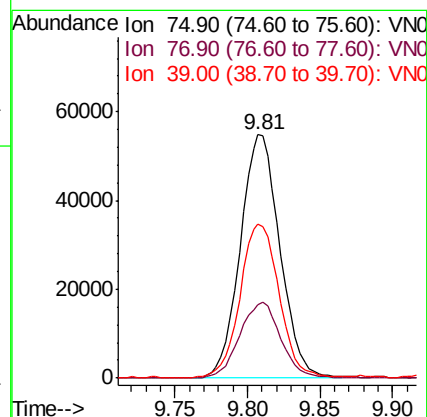
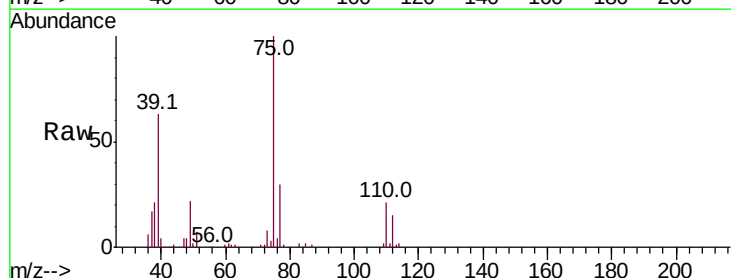
Tgt Ion: 75 Resp: 103968

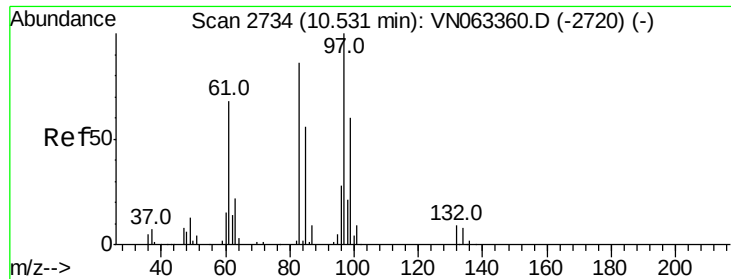
Ion Ratio Lower Upper

75 100

77 30.2 24.6 37.0

39 62.7 49.8 74.8

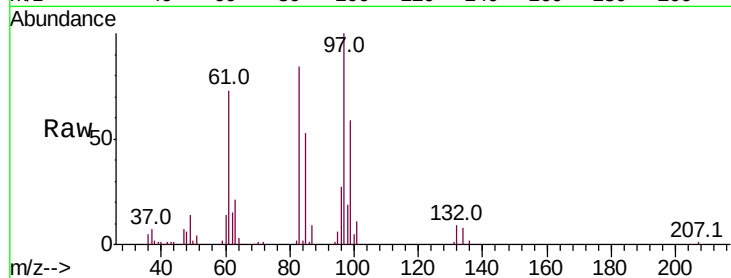




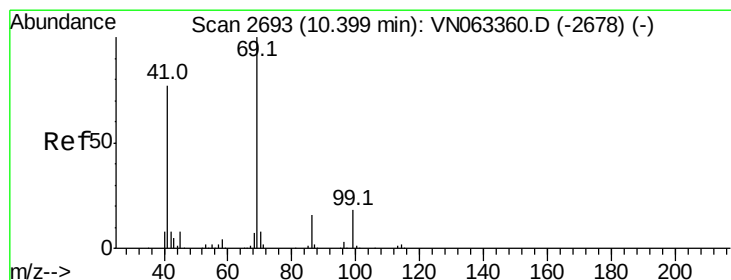
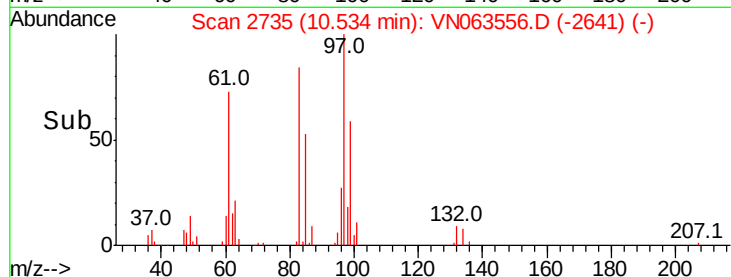
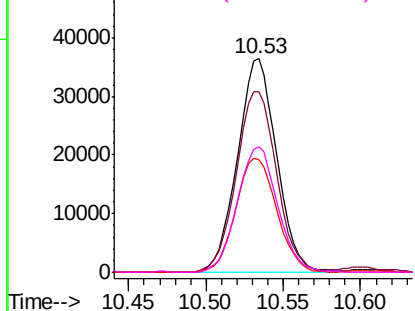
#55
 1,1,2-Trichloroethane
 Concen: 20.646 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063556.D
 Acq: 23 Sep 2020 1:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD02

Tot Ion: 97 Resp: 64206
 Ion Ratio Lower Upper
 97 100
 83 84.4 68.9 103.3
 85 52.5 44.8 67.2
 99 58.9 47.8 71.8

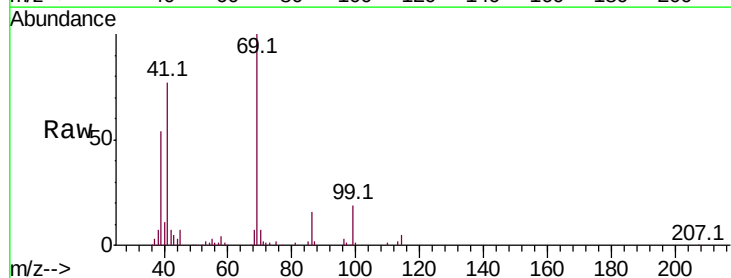


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

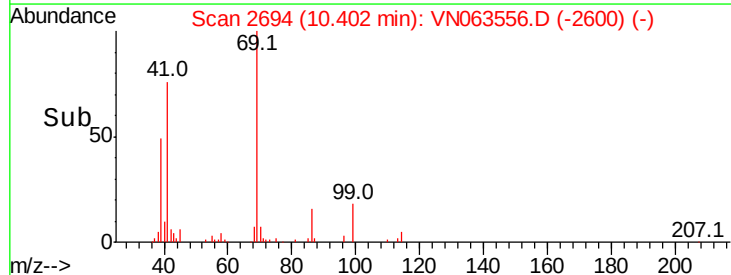
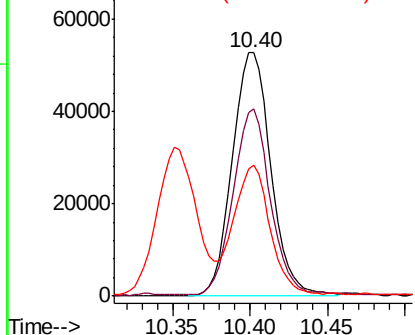


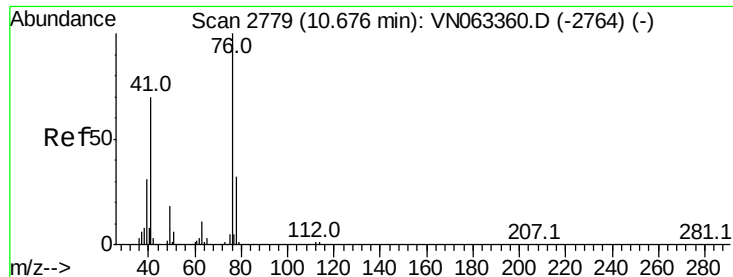
#56
 Ethyl methacrylate
 Concen: 18.830 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063556.D
 Acq: 23 Sep 2020 1:40

Tgt Ion: 69 Resp: 91416
 Ion Ratio Lower Upper
 69 100
 41 73.8 61.0 91.6
 39 50.8 39.2 58.8



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





#57

1,3-Dichloropropane

Concen: 19.343 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

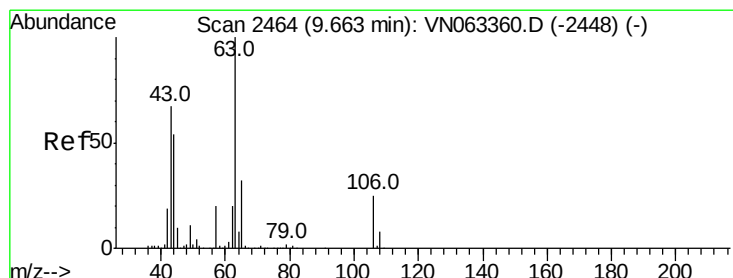
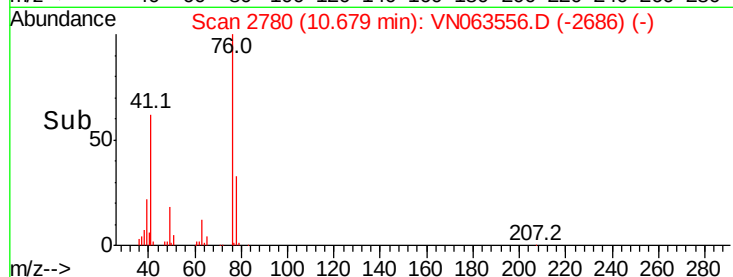
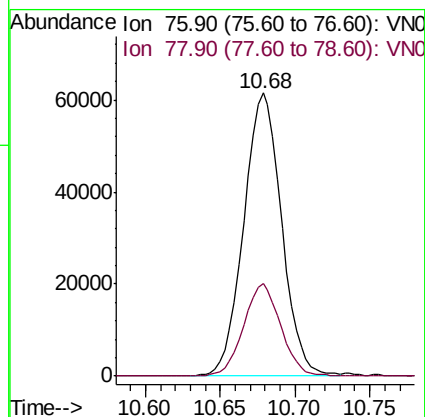
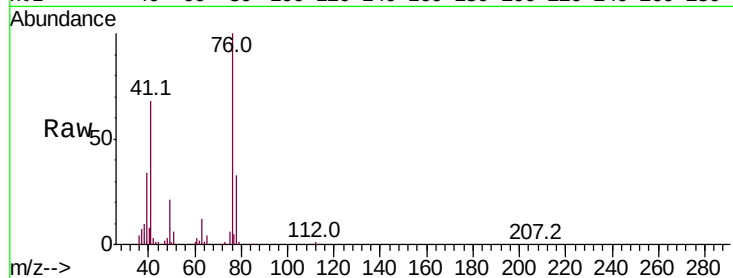
VN0922WBSD02

Tot Ion: 76 Resp: 108480

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 88.275 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063556.D

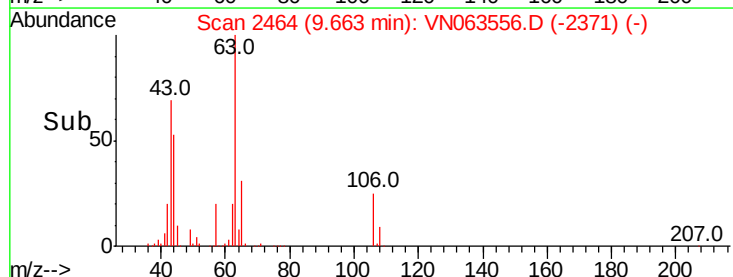
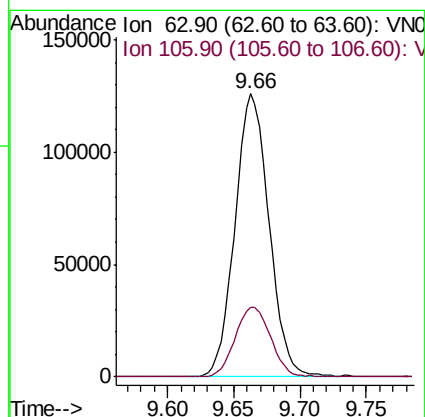
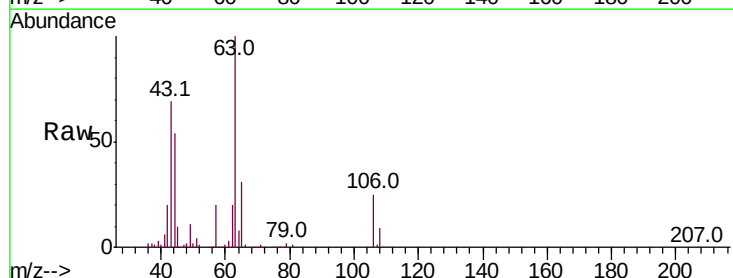
Acq: 23 Sep 2020 1:40

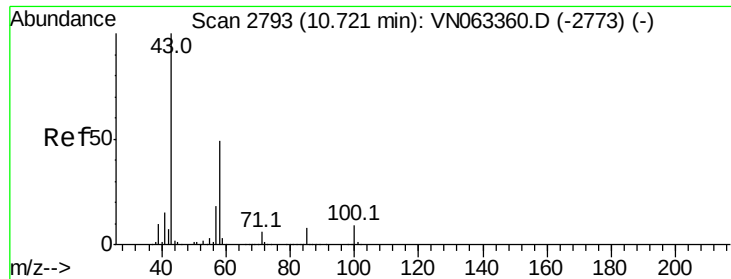
Tgt Ion: 63 Resp: 224817

Ion Ratio Lower Upper

63 100

106 25.8 19.5 29.3

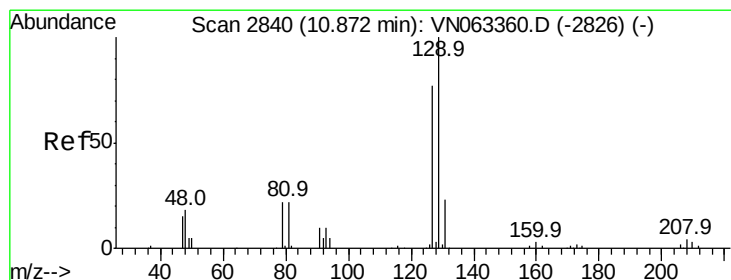
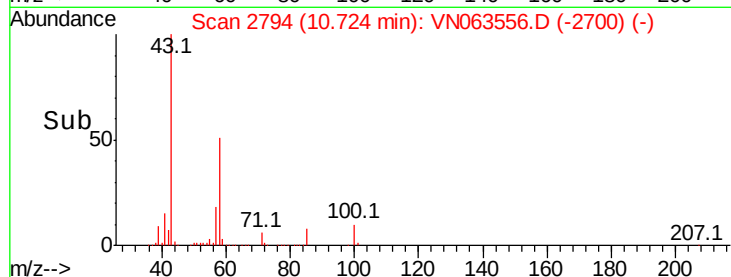
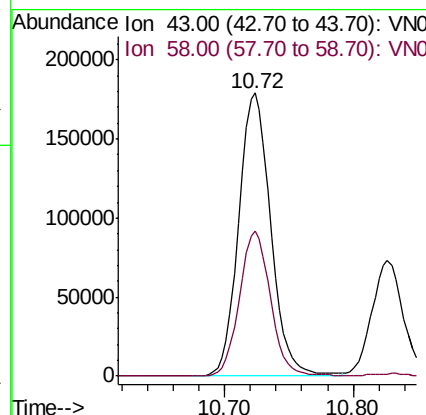
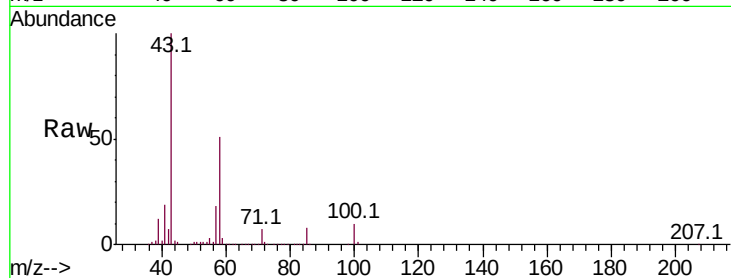




#59
2-Hexanone
Concen: 94.964 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

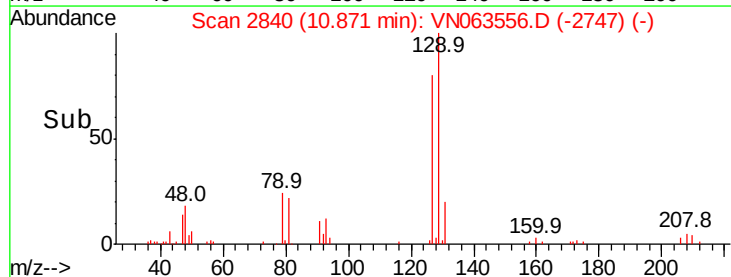
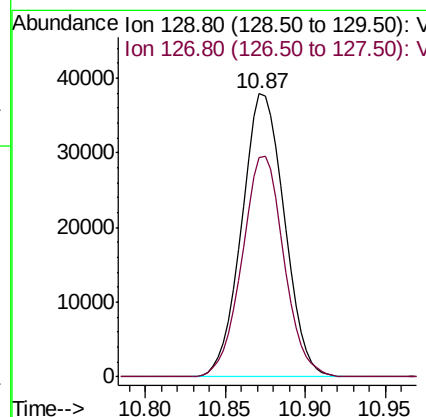
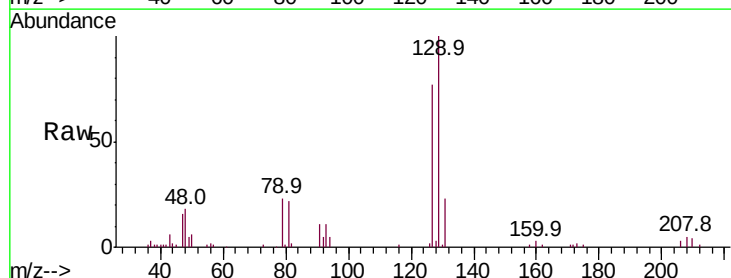
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD02

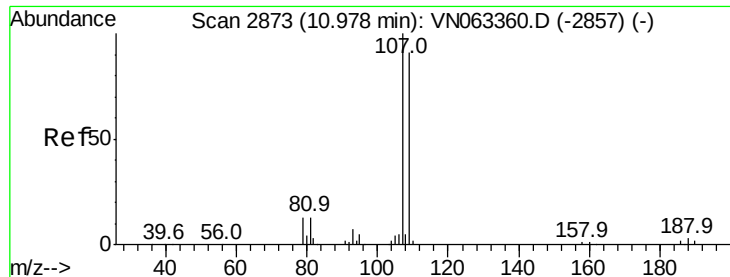
Tot Ion: 43 Resp: 308347
Ion Ratio Lower Upper
43 100
58 49.8 24.7 74.1



#60
Dibromochloromethane
Concen: 19.615 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

Tgt Ion: 129 Resp: 68914
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.3





#61

1,2-Dibromoethane

Concen: 19.929 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

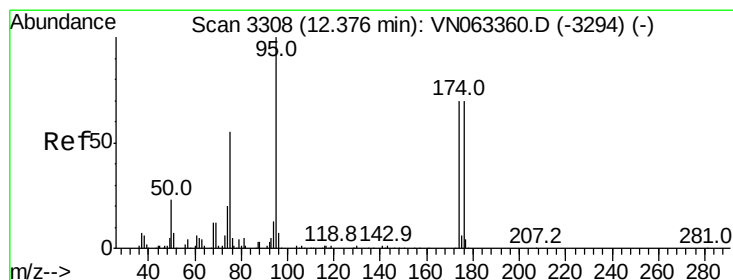
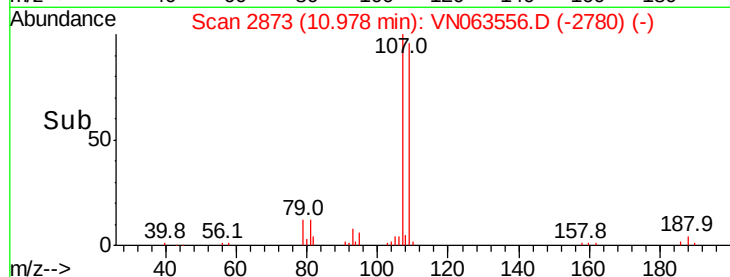
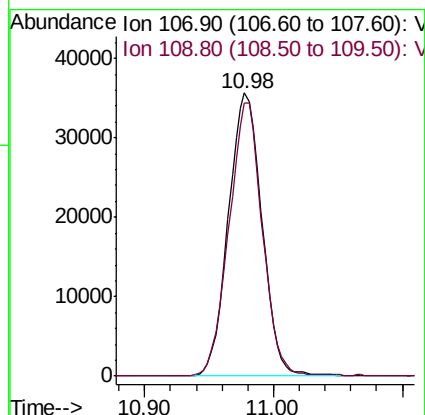
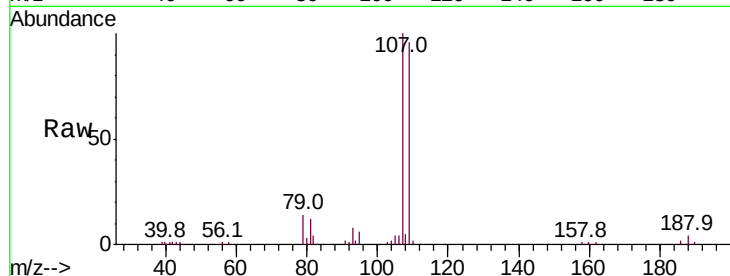
VN0922WBSD02

Tot Ion:107 Resp: 64388

Ion Ratio Lower Upper

107 100

109 95.9 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 49.278 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

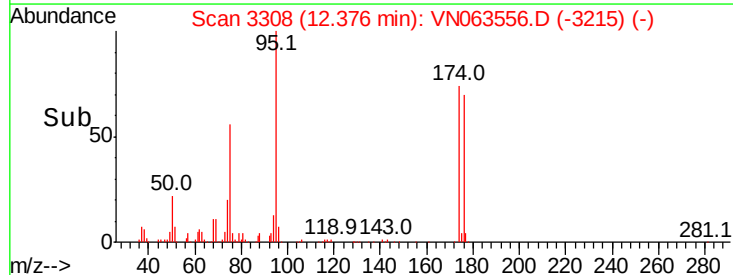
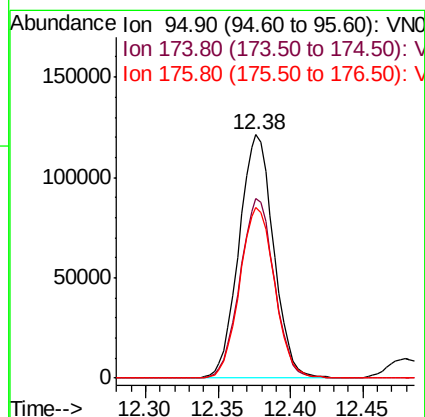
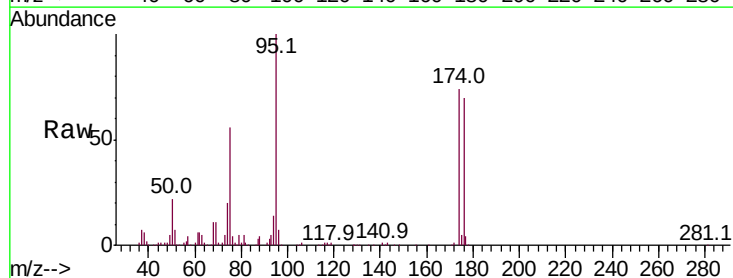
Tgt Ion: 95 Resp: 201349

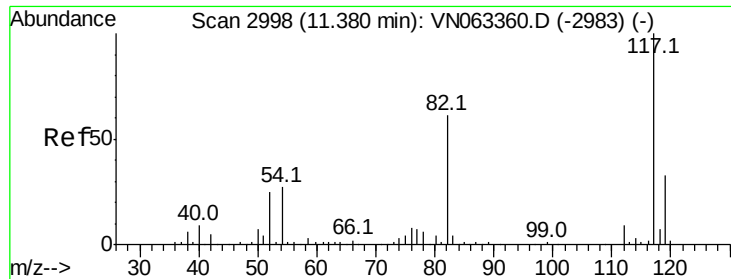
Ion Ratio Lower Upper

95 100

174 73.3 0.0 140.8

176 70.9 0.0 137.6

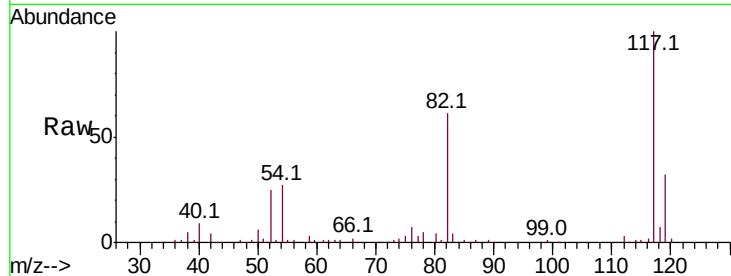




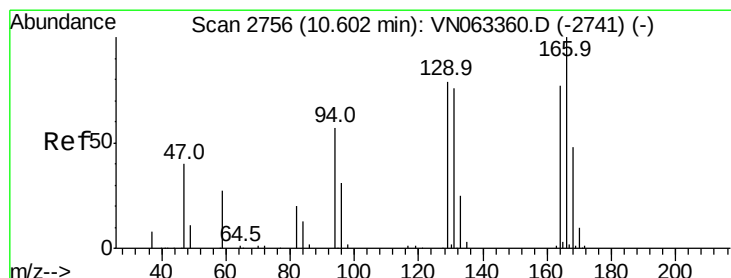
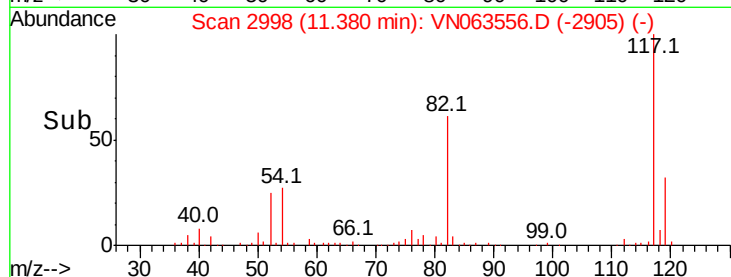
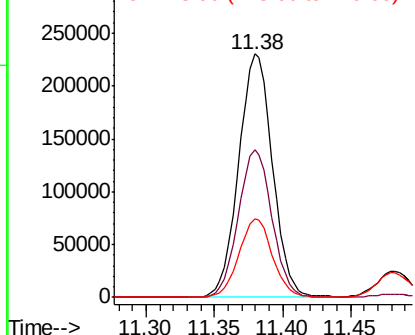
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD02

Tot Ion:117 Resp: 396107
Ion Ratio Lower Upper
117 100
82 60.7 49.2 73.8
119 32.4 26.2 39.4

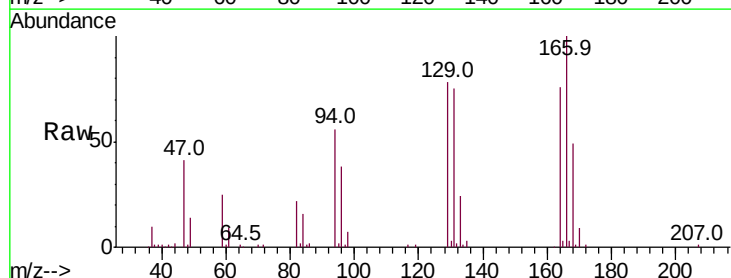


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

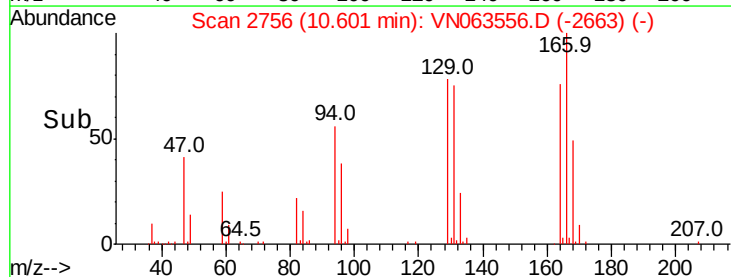
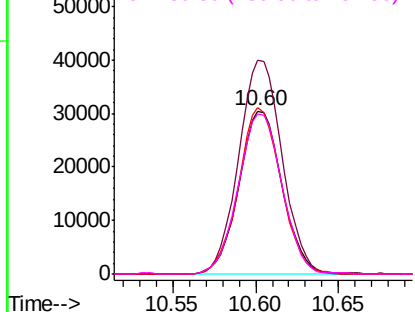


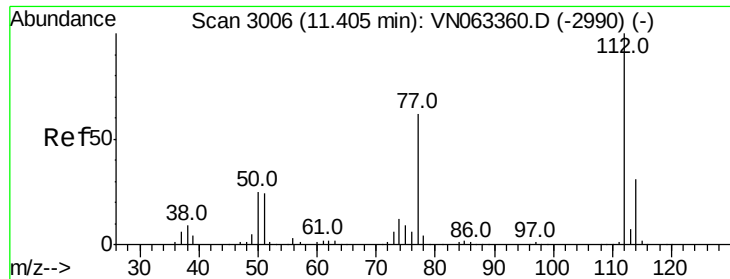
#64
Tetrachloroethene
Concen: 20.385 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

Tgt Ion:164 Resp: 54982
Ion Ratio Lower Upper
164 100
166 131.0 103.4 155.0
129 102.2 81.8 122.6
131 98.4 78.2 117.4



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





#65

Chlorobenzene

Concen: 19.456 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampled :

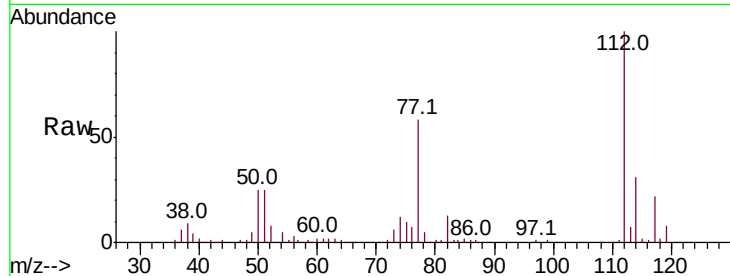
VN0922WBSD02

Tot Ion:112 Resp: 163587

Ion Ratio Lower Upper

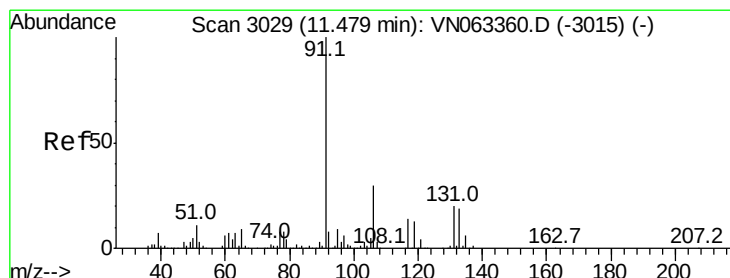
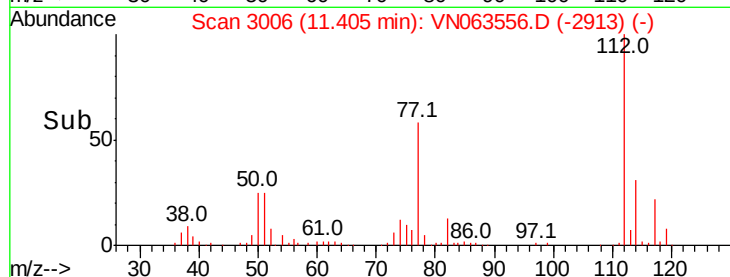
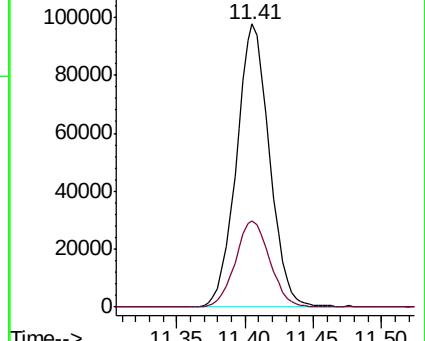
112 100

114 30.6 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.371 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

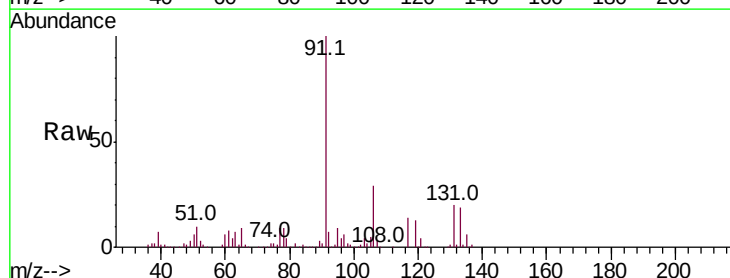
Tgt Ion:131 Resp: 62785

Ion Ratio Lower Upper

131 100

133 92.0 47.3 141.9

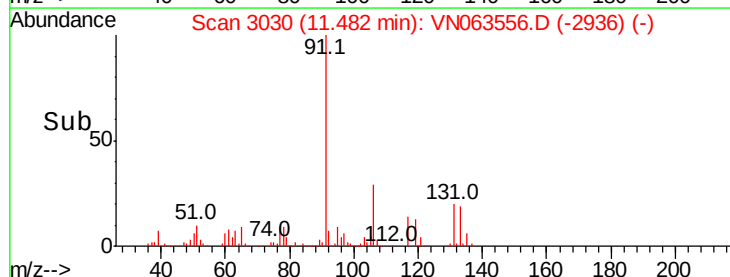
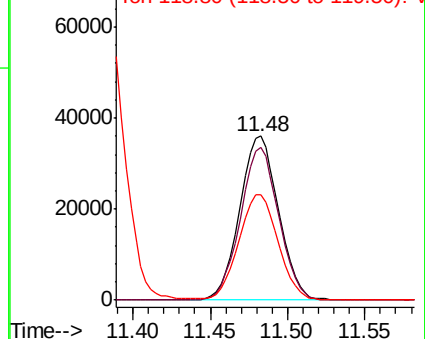
119 65.7 33.6 100.8

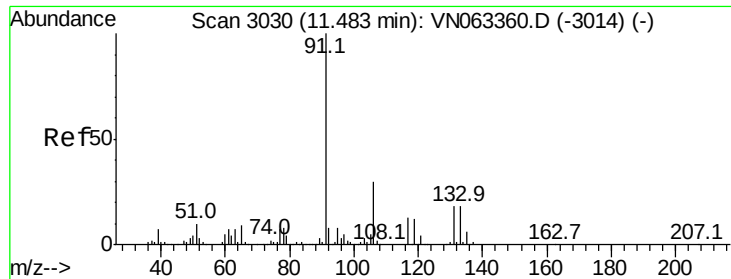


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

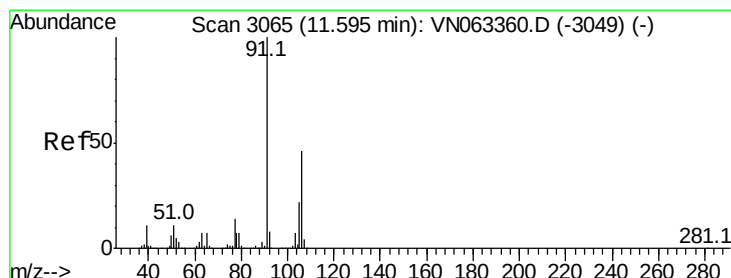
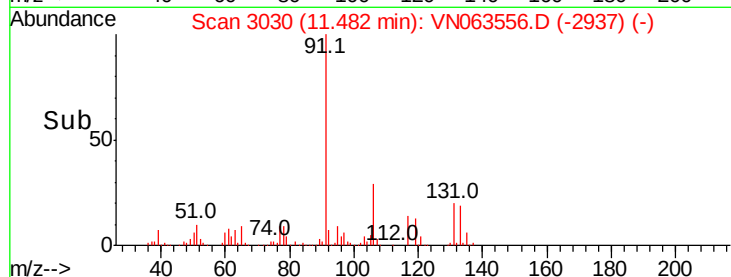
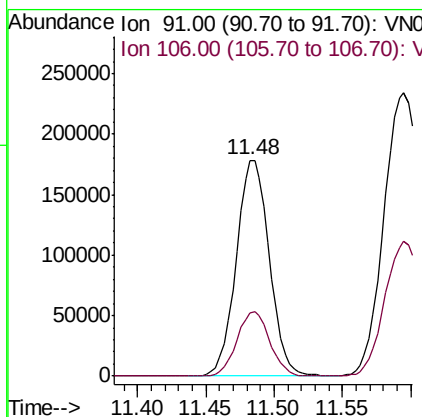
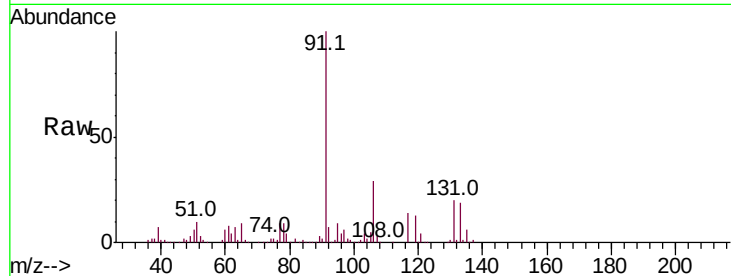




#67
Ethyl Benzene
Concen: 18.929 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

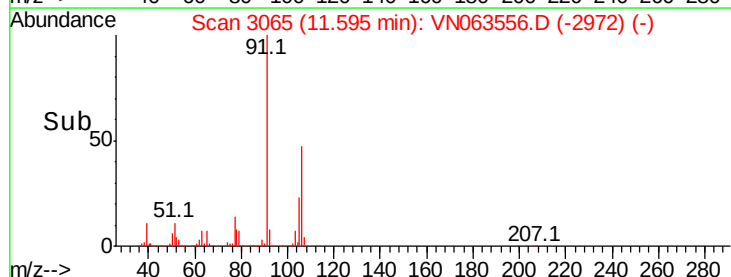
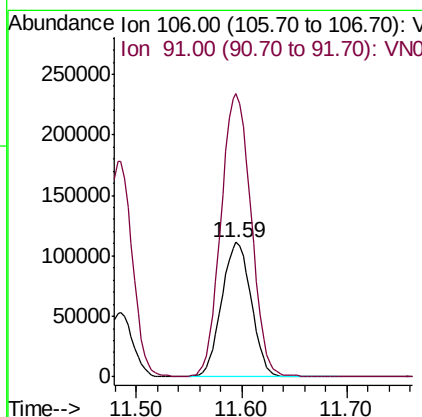
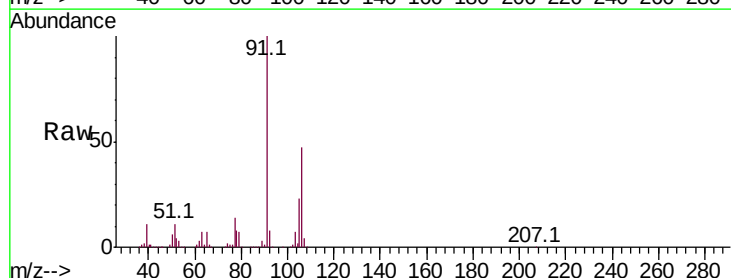
Instrument :
MSVOA_N
ClientSampled :
VN0922WBSD02

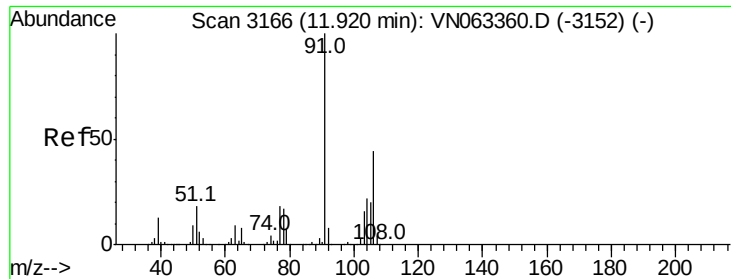
Tot Ion: 91 Resp: 299729
Ion Ratio Lower Upper
91 100
106 29.2 23.8 35.6



#68
m/p-Xylenes
Concen: 37.974 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

Tgt Ion: 106 Resp: 216796
Ion Ratio Lower Upper
106 100
91 213.3 171.2 256.8

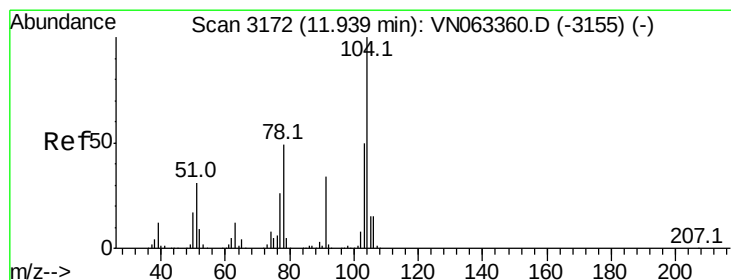
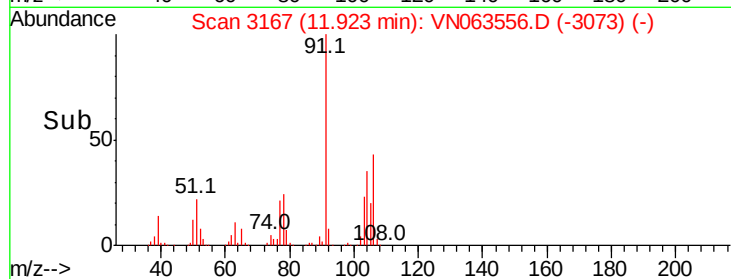
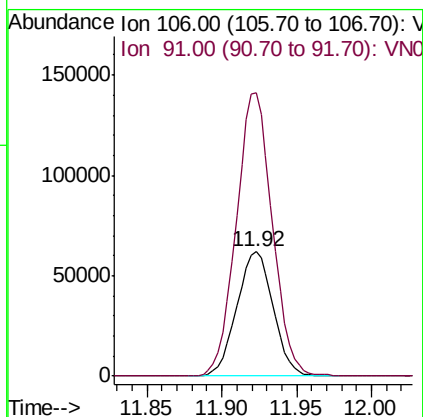
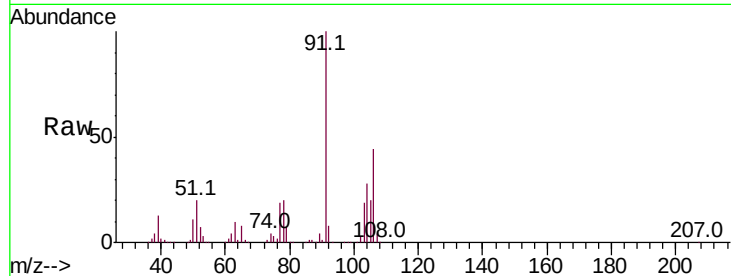




#69
o-Xylene
Concen: 19.302 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

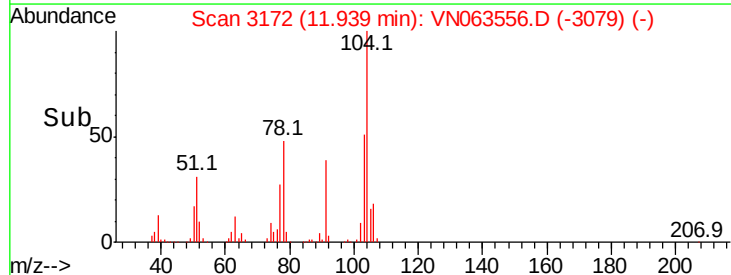
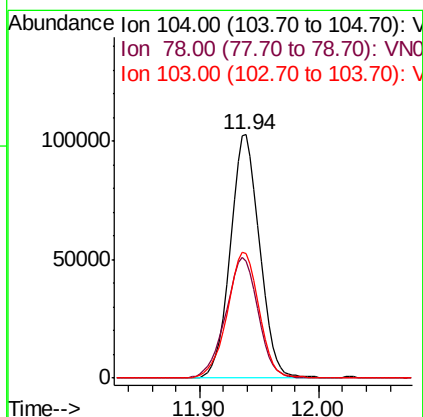
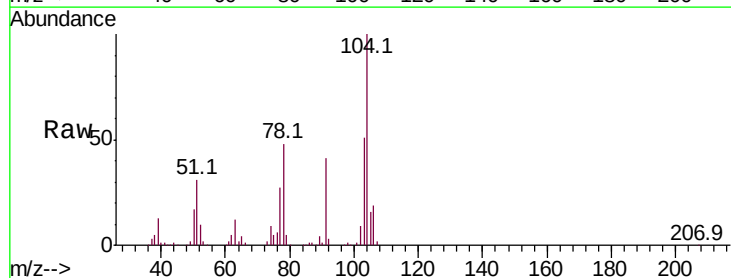
Instrument :
MSVOA_N
ClientSampleId :
VN0922WBSD02

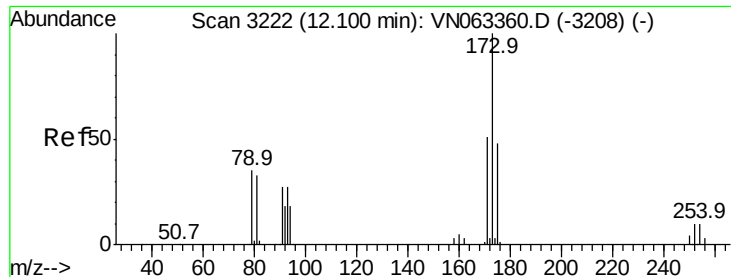
Tot Ion:106 Resp: 104974
Ion Ratio Lower Upper
106 100
91 225.5 113.6 340.8



#70
Styrene
Concen: 19.269 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063556.D
Acq: 23 Sep 2020 1:40

Tgt Ion:104 Resp: 175738
Ion Ratio Lower Upper
104 100
78 54.9 44.4 66.6
103 56.1 43.7 65.5





#71

Bromoform

Concen: 18.794 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD02

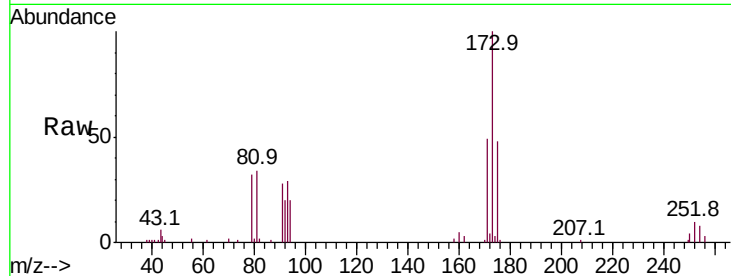
Tot Ion:173 Resp: 43154

Ion Ratio Lower Upper

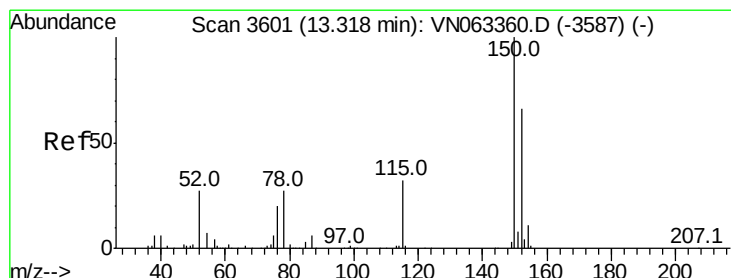
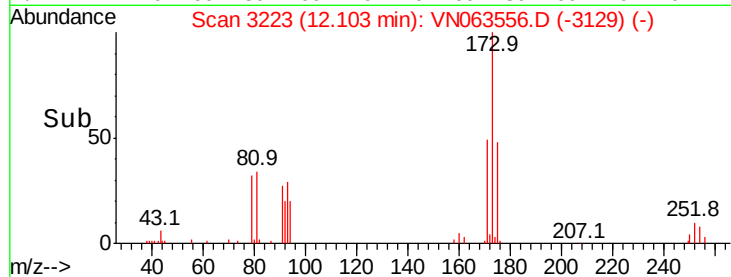
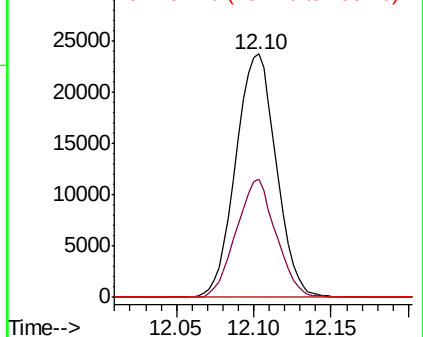
173 100

175 47.5 24.0 72.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

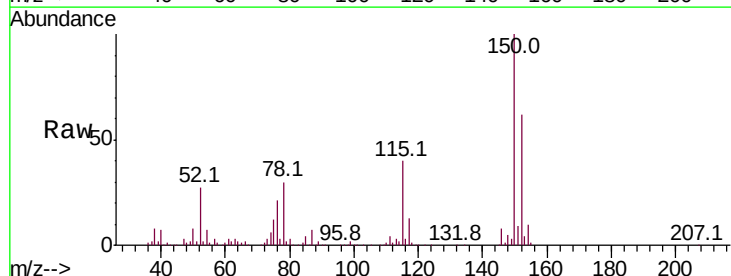
Tgt Ion:152 Resp: 181835

Ion Ratio Lower Upper

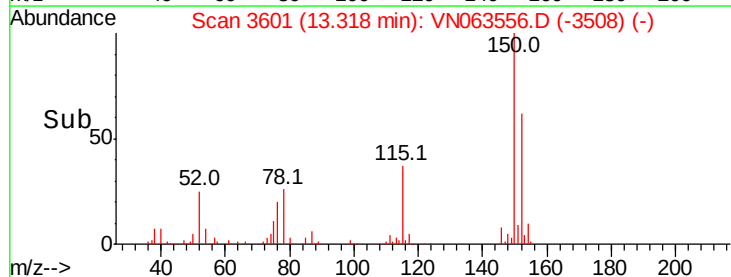
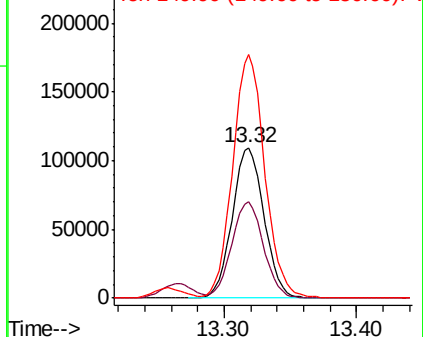
152 100

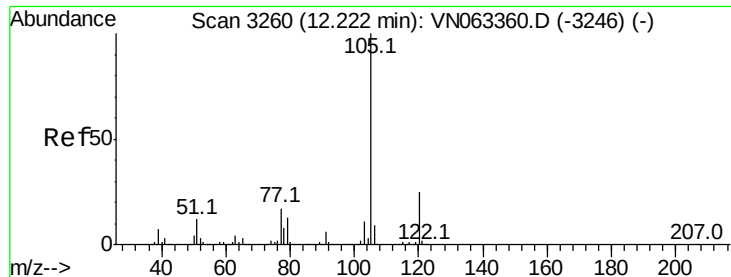
115 64.5 32.2 96.6

150 163.0 0.0 343.4



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





#73

Isopropylbenzene

Concen: 19.203 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

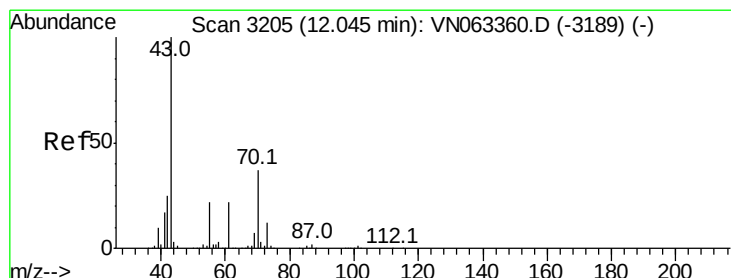
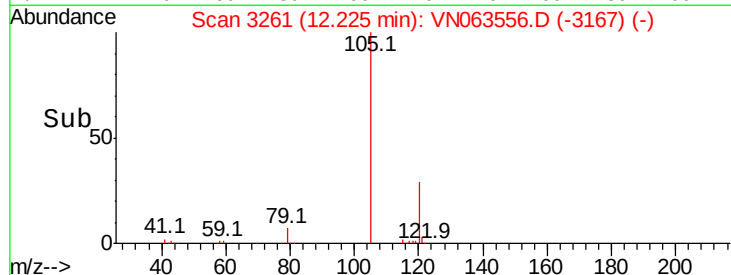
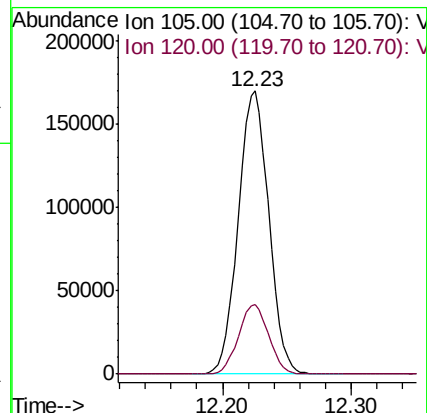
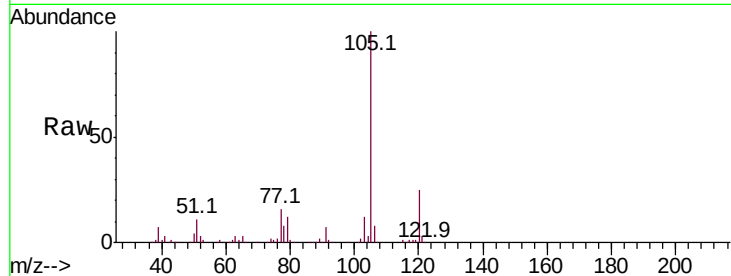
VN0922WBSD02

Tot Ion:105 Resp: 279811

Ion Ratio Lower Upper

105 100

120 24.3 12.7 38.0



#74

N-ethyl acetate

Concen: 18.227 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Tgt Ion: 43 Resp: 125722

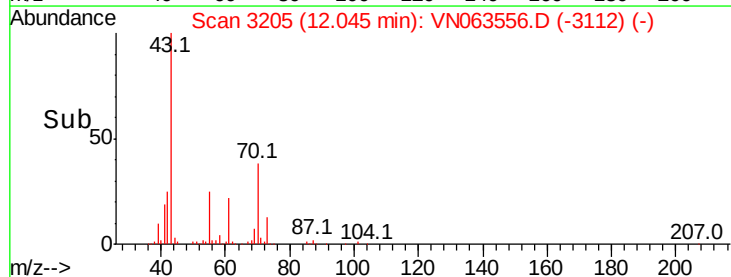
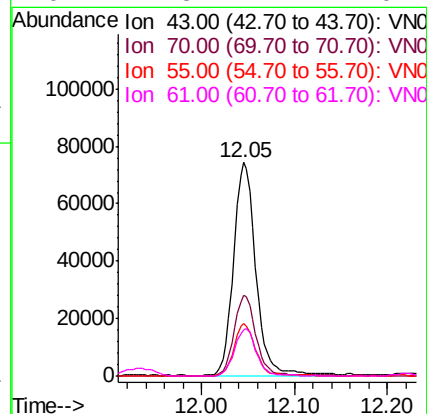
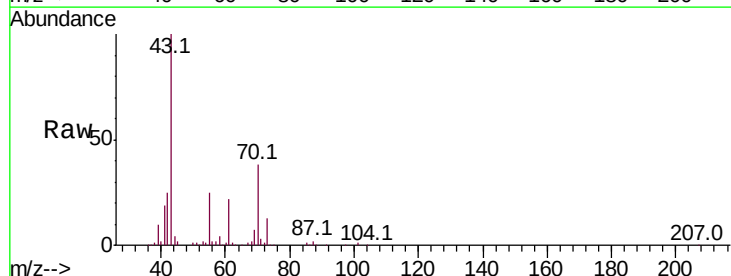
Ion Ratio Lower Upper

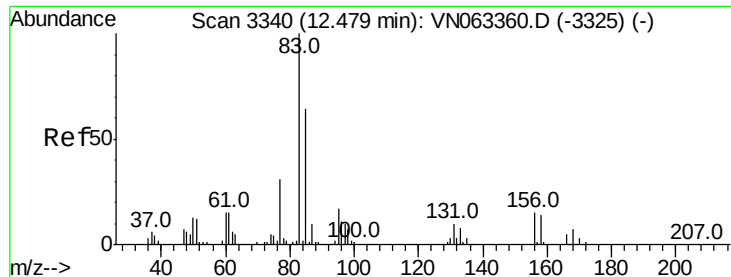
43 100

70 36.8 29.6 44.4

55 23.2 17.7 26.5

61 21.3 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.834 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD02

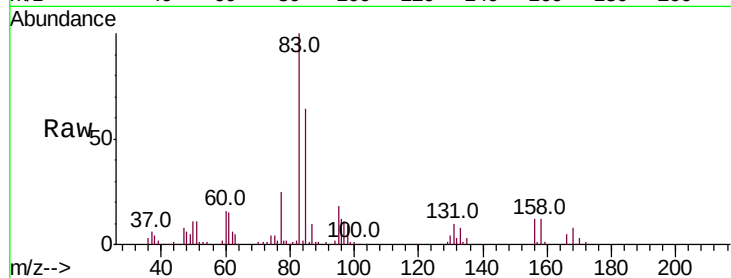
Tot Ion: 83 Resp: 89486

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

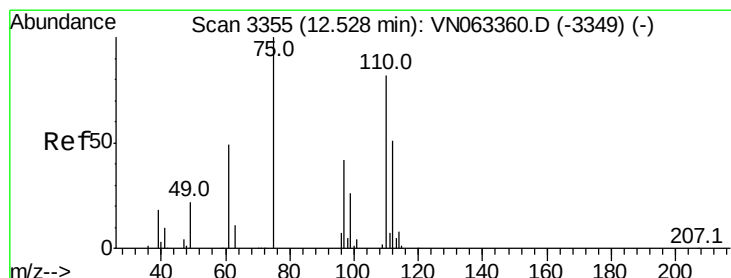
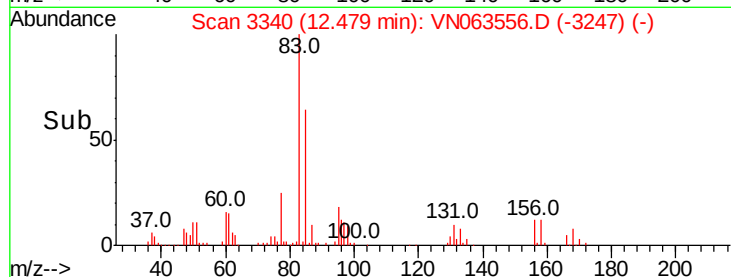
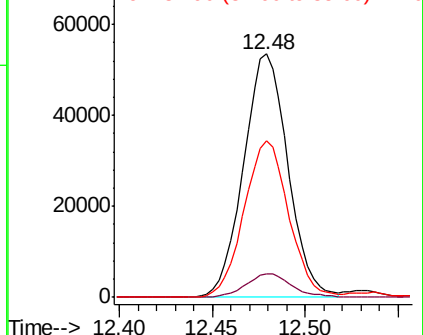
85 64.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.203 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063556.D

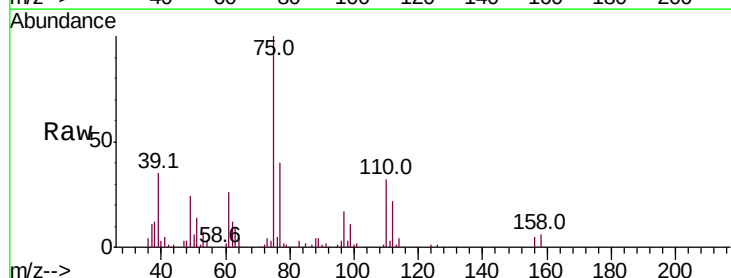
Acq: 23 Sep 2020 1:40

Tgt Ion: 75 Resp: 117930

Ion Ratio Lower Upper

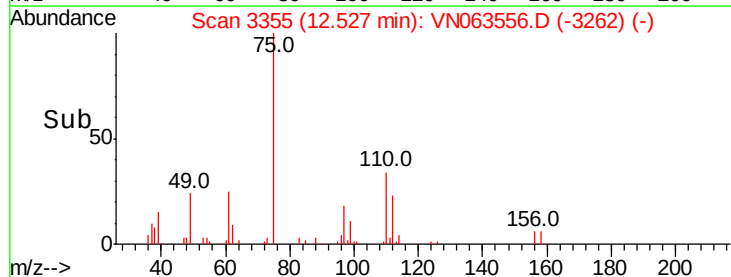
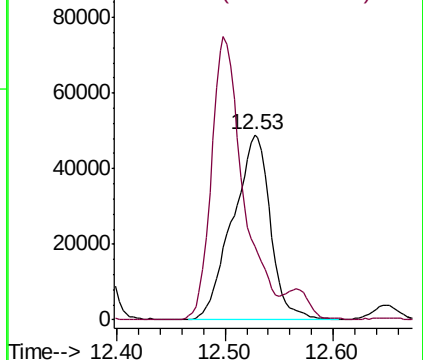
75 100

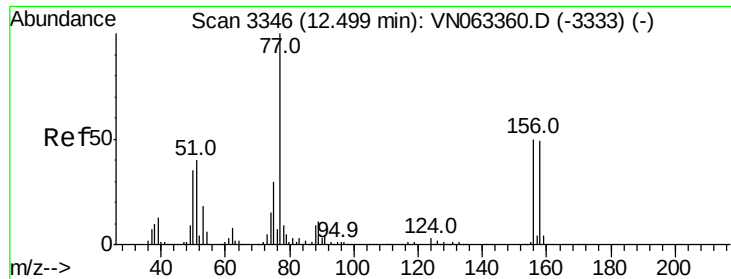
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.045 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleID :

VN0922WBSD02

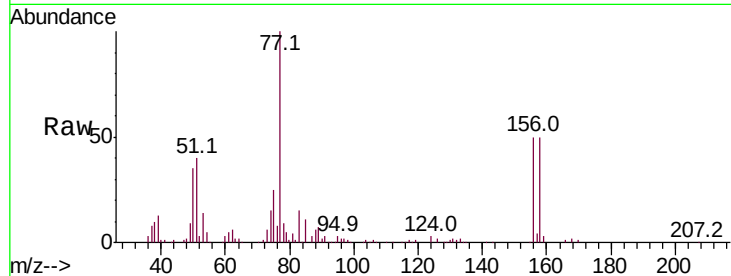
Tot Ion:156 Resp: 65700

Ion Ratio Lower Upper

156 100

77 233.8 120.2 360.6

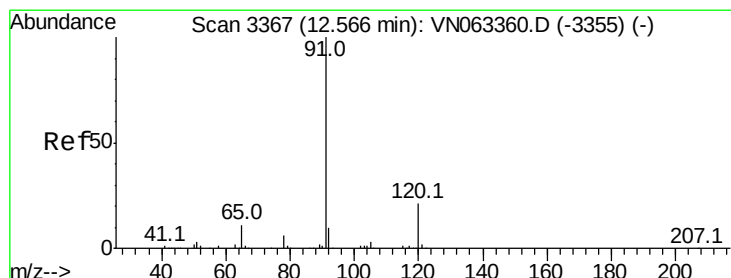
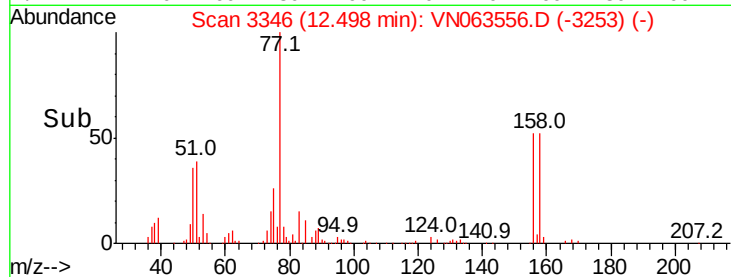
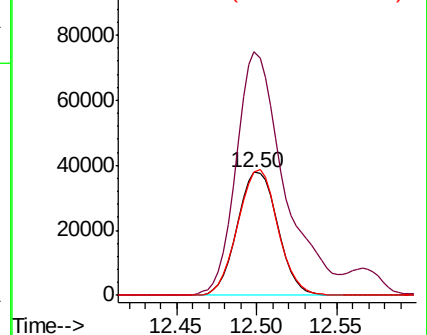
158 100.4 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.704 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063556.D

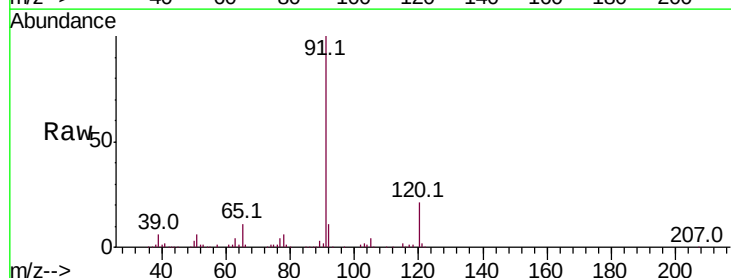
Acq: 23 Sep 2020 1:40

Tgt Ion: 91 Resp: 317425

Ion Ratio Lower Upper

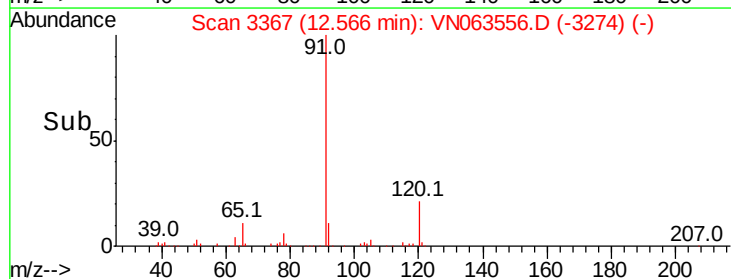
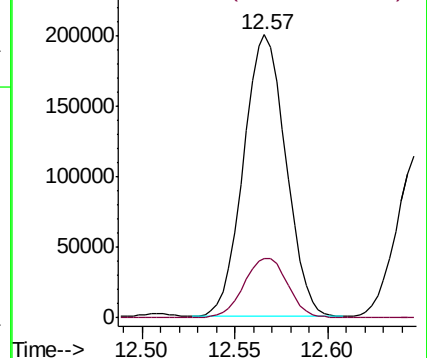
91 100

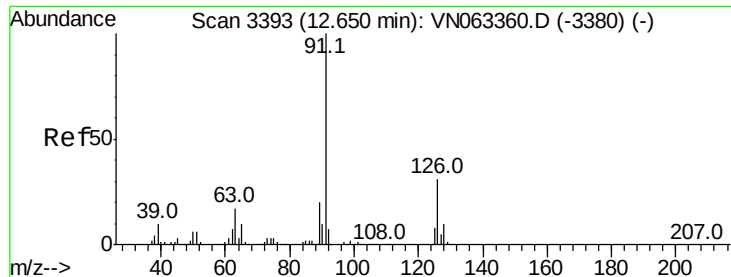
120 21.9 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.282 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

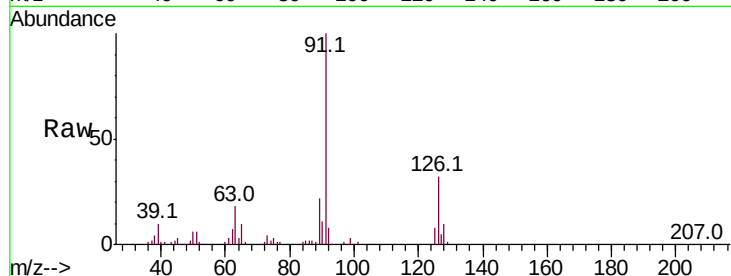
VN0922WBSD02

Tot Ion: 91 Resp: 196164

Ion Ratio Lower Upper

91 100

126 31.8 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) (-)

200000

150000

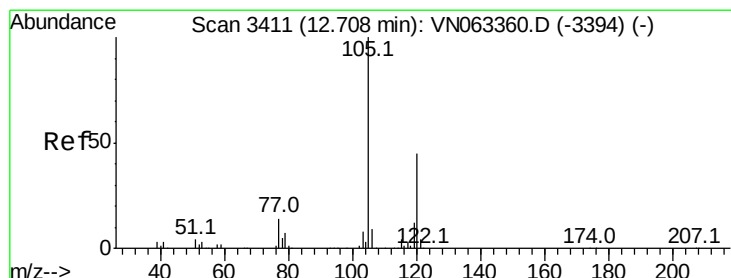
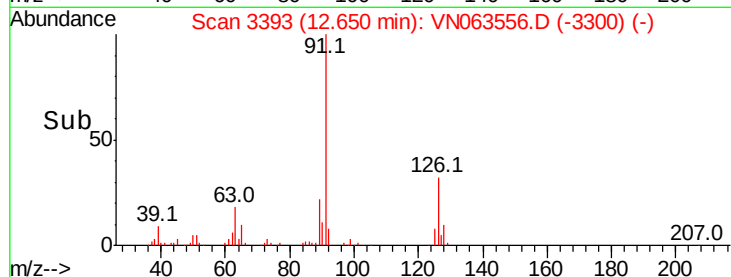
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.111 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063556.D

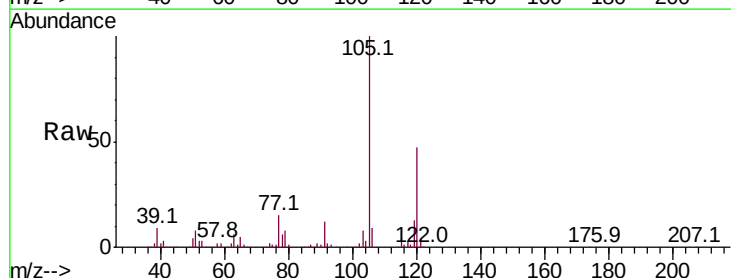
Acq: 23 Sep 2020 1:40

Tgt Ion:105 Resp: 232210

Ion Ratio Lower Upper

105 100

120 45.9 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) (-)

150000

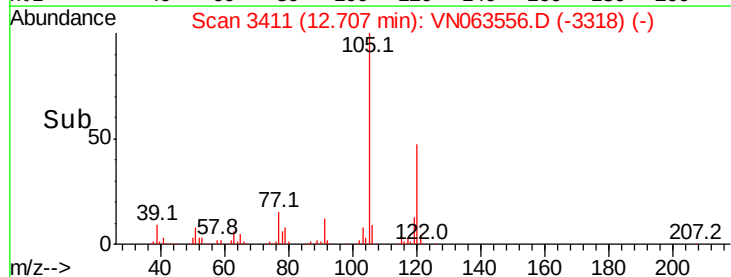
100000

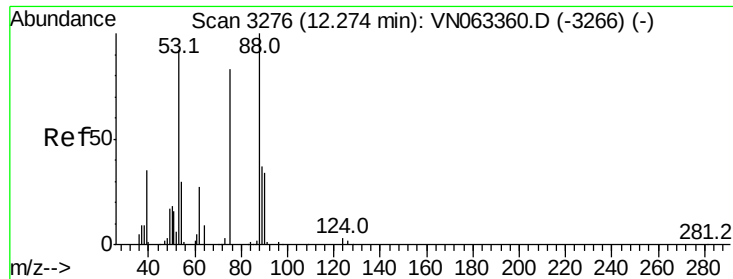
50000

0

12.65 12.70 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 16.010 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD02

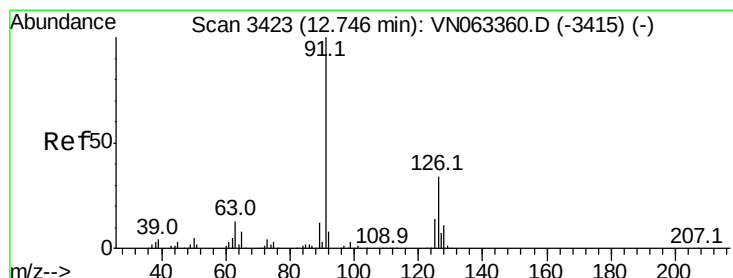
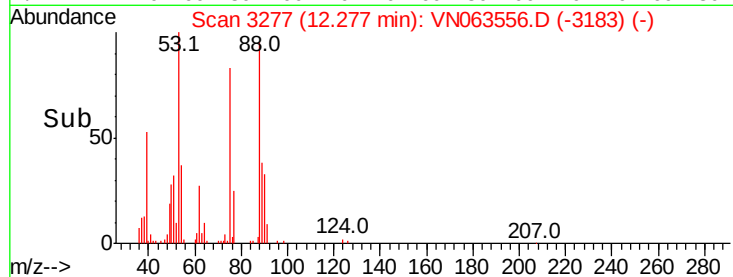
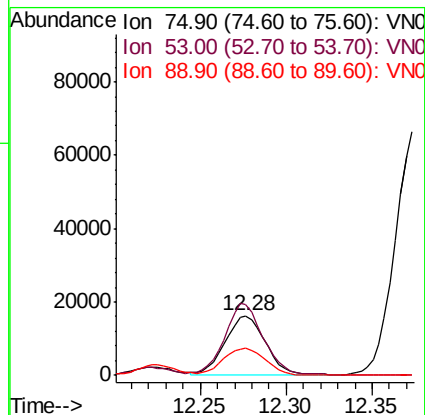
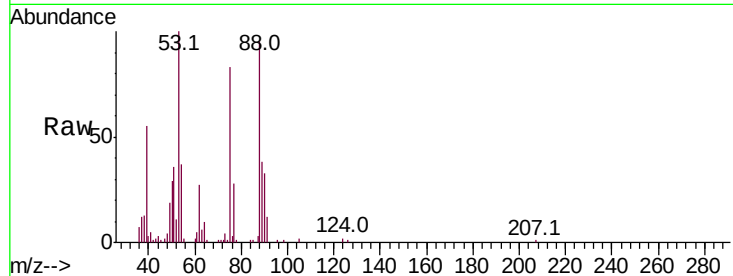
Tot Ion: 75 Resp: 26282

Ion Ratio Lower Upper

75 100

53 117.8 85.7 128.5

89 48.3 38.0 57.0



#82

4-Chlorotoluene

Concen: 19.170 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063556.D

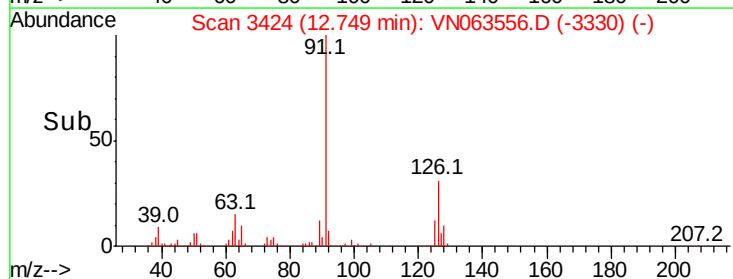
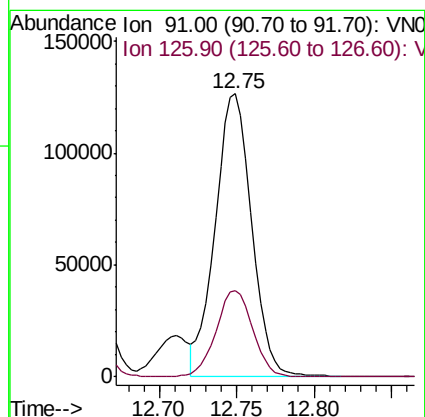
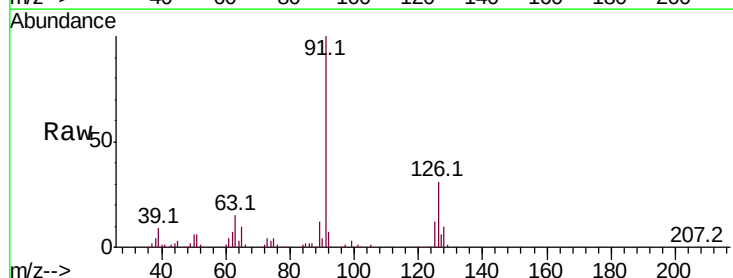
Acq: 23 Sep 2020 1:40

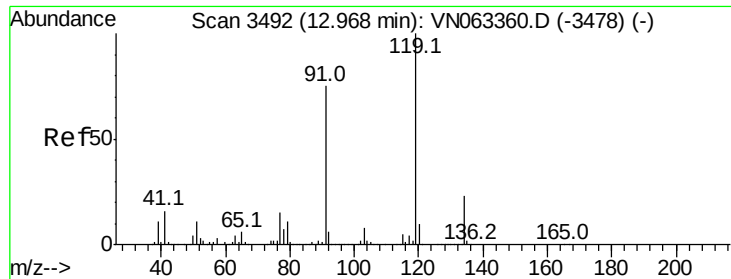
Tgt Ion: 91 Resp: 206060

Ion Ratio Lower Upper

91 100

126 31.0 15.5 46.5

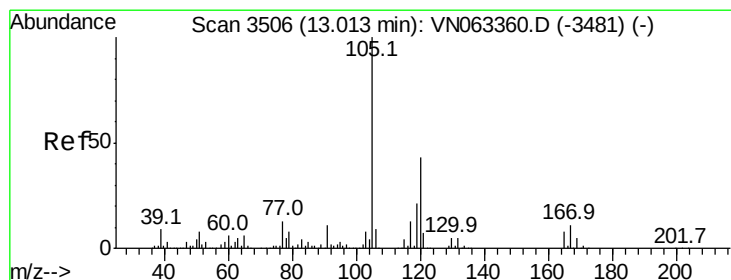
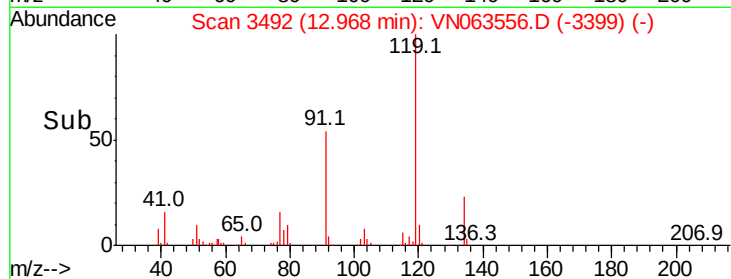
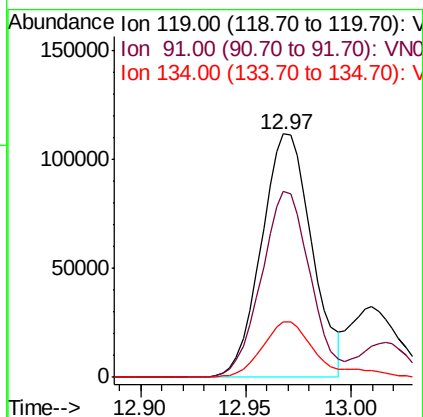
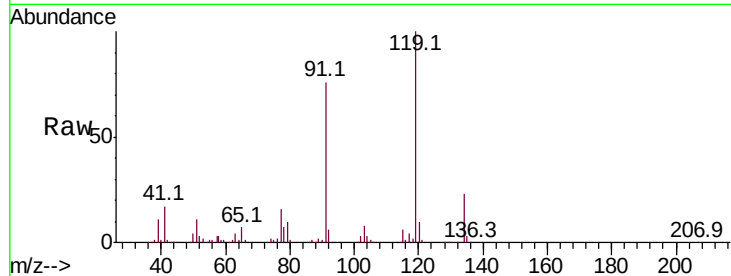




#83
 tert-Butylbenzene
 Concen: 18.584 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063556.D
 Acq: 23 Sep 2020 1:40

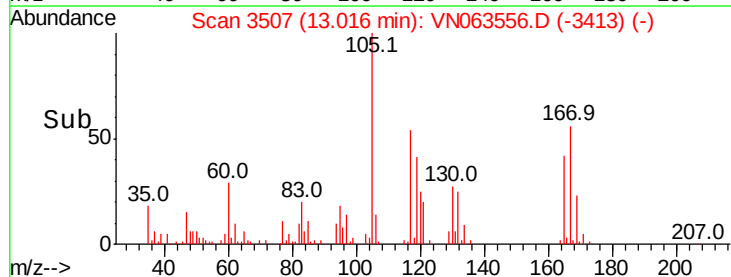
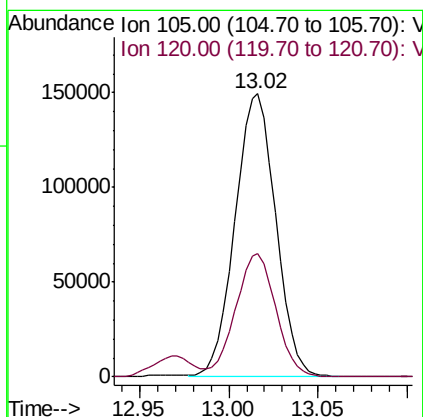
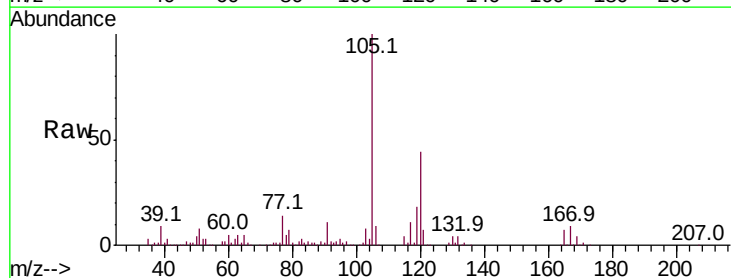
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0922WBSD02

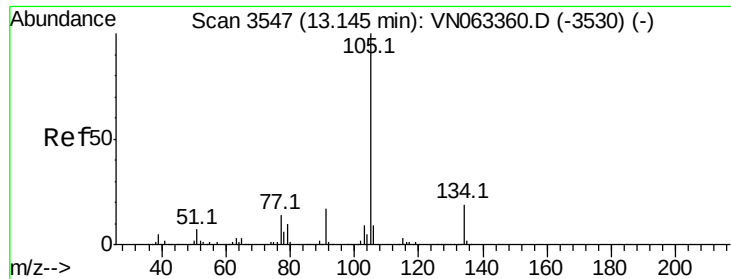
Tot Ion:119 Resp: 186370
 Ion Ratio Lower Upper
 119 100
 91 74.0 36.3 108.9
 134 25.0 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.208 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063556.D
 Acq: 23 Sep 2020 1:40

Tgt Ion:105 Resp: 235736
 Ion Ratio Lower Upper
 105 100
 120 42.8 21.3 63.9





#85

sec-Butylbenzene

Concen: 18.865 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

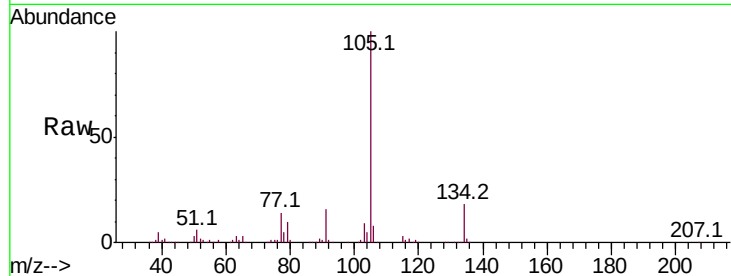
VN0922WBSD02

Tot Ion:105 Resp: 253233

Ion Ratio Lower Upper

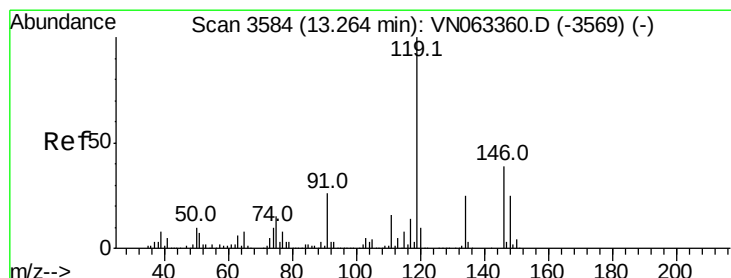
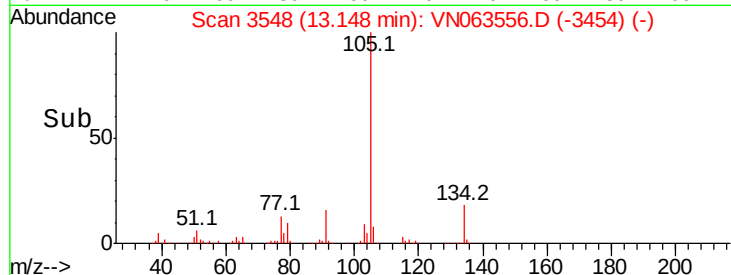
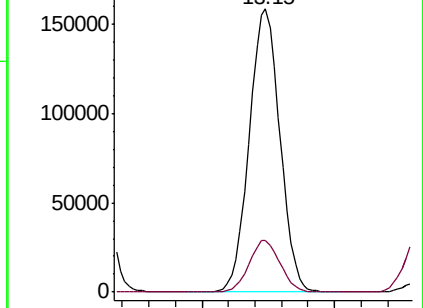
105 100

134 18.3 9.3 27.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.520 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

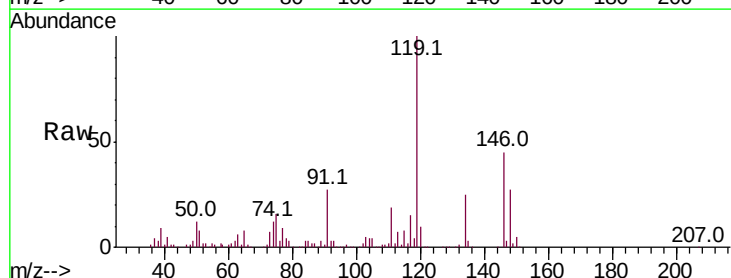
Tgt Ion:119 Resp: 219272

Ion Ratio Lower Upper

119 100

134 24.6 12.5 37.5

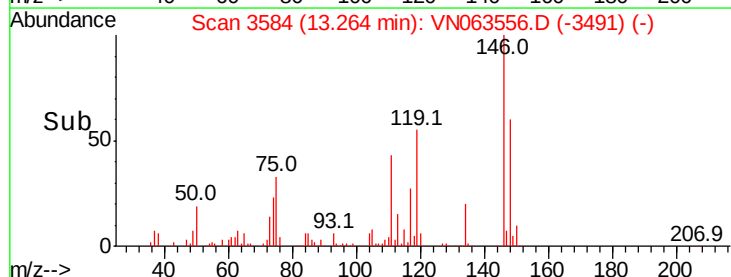
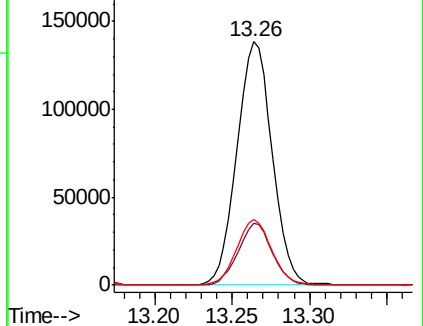
91 26.5 13.4 40.1

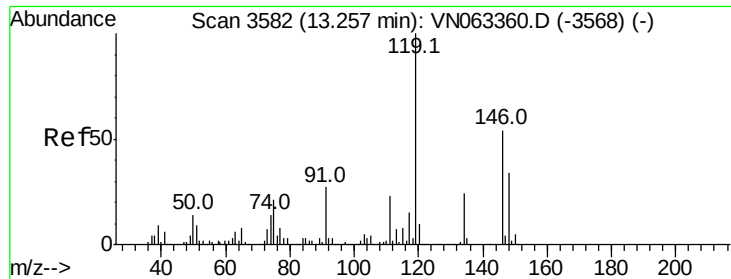


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

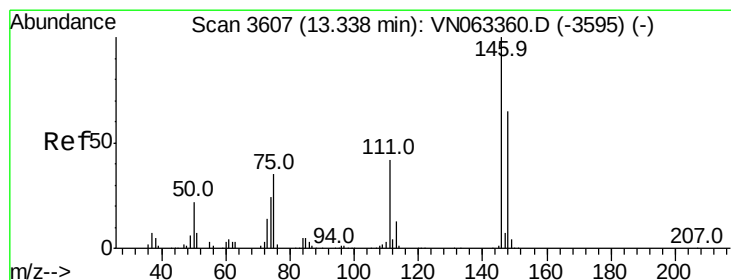
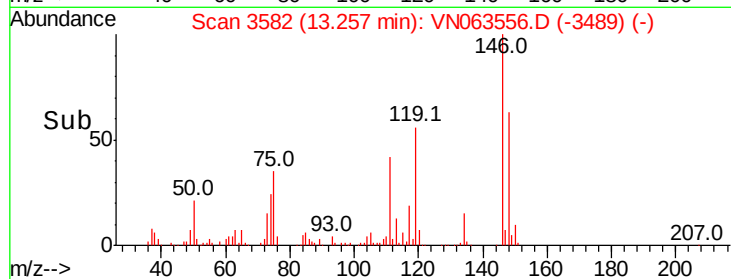
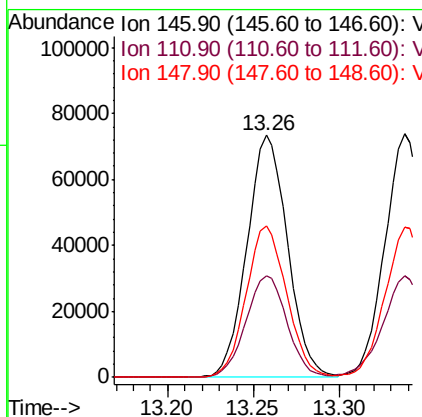
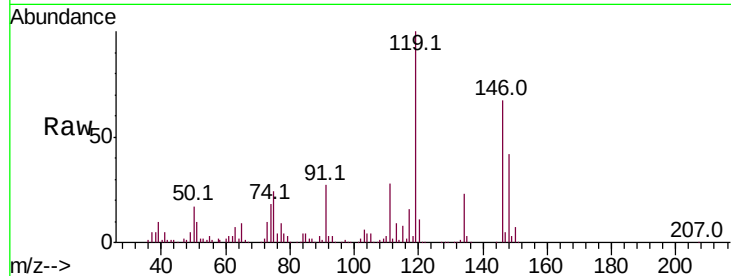




#87
 1,3-Dichlorobenzene
 Concen: 19.759 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063556.D
 Acq: 23 Sep 2020 1:40

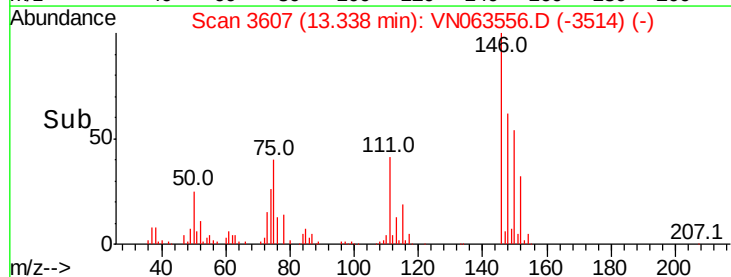
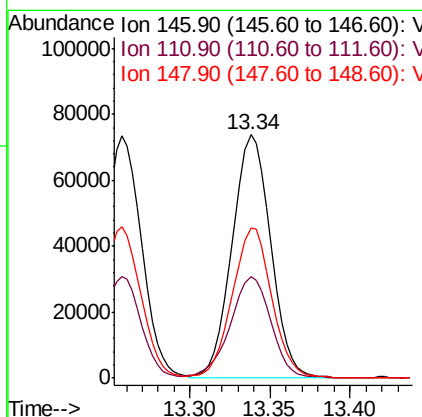
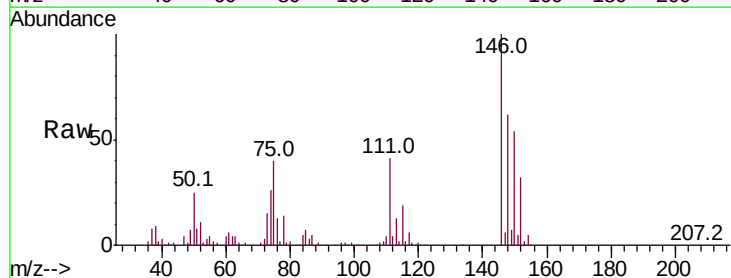
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0922WBSD02

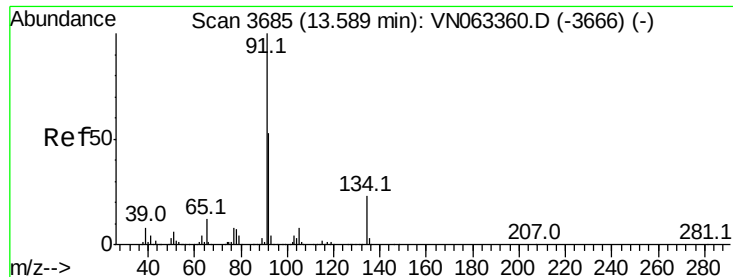
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.4	64.3
148	62.6	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.525 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063556.D
 Acq: 23 Sep 2020 1:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.2	63.6
148	63.8	31.9	95.9





#89

n-Butylbenzene

Concen: 17.788 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD02

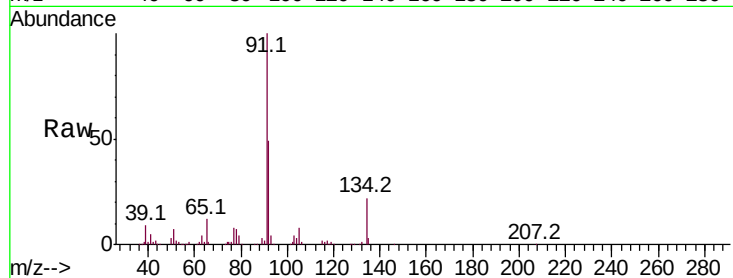
Tot Ion: 91 Resp: 194127

Ion Ratio Lower Upper

91 100

92 50.0 26.0 78.0

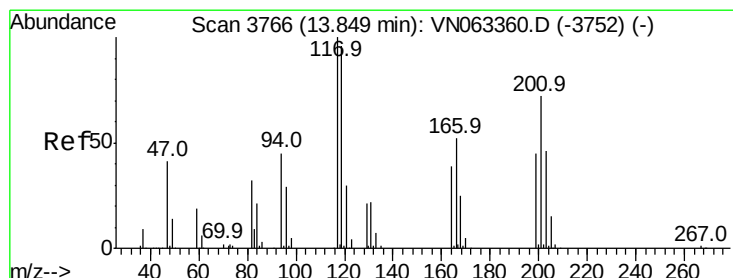
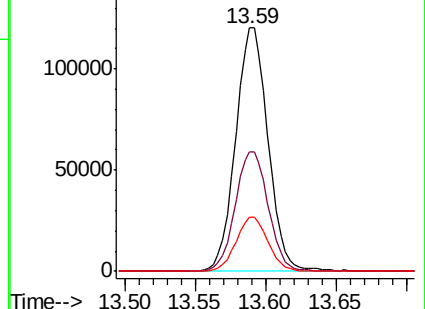
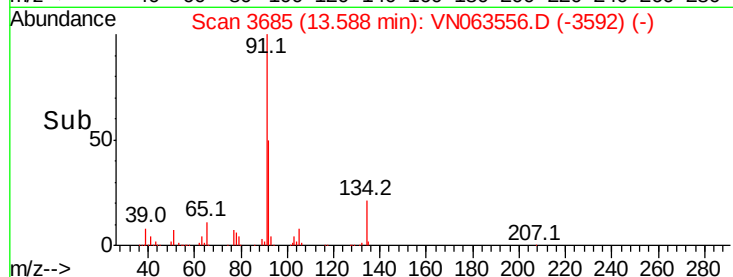
134 22.0 11.7 35.0



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

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

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



#90

Hexachloroethane

Concen: 17.400 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063556.D

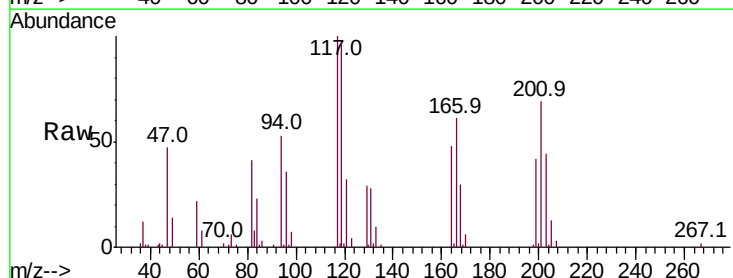
Acq: 23 Sep 2020 1:40

Tgt Ion: 117 Resp: 39227

Ion Ratio Lower Upper

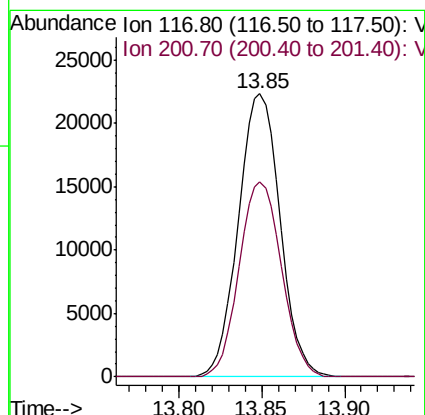
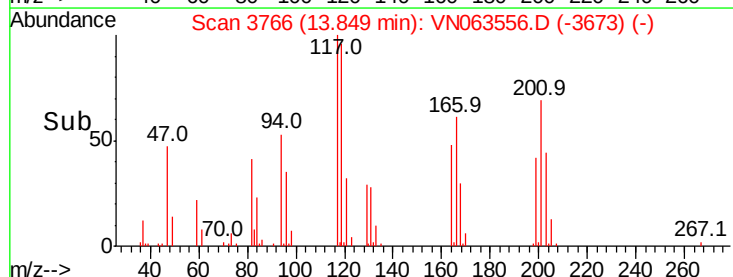
117 100

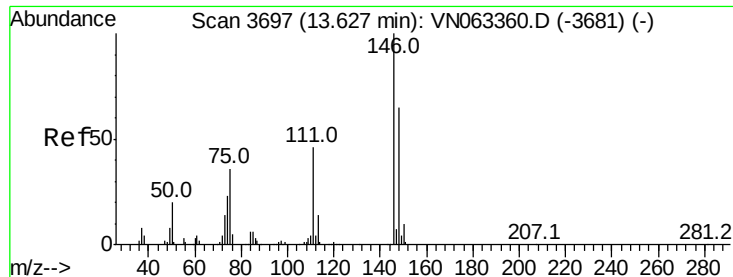
201 69.6 35.5 106.7



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

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





#91

1,2-Dichlorobenzene

Concen: 20.129 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD02

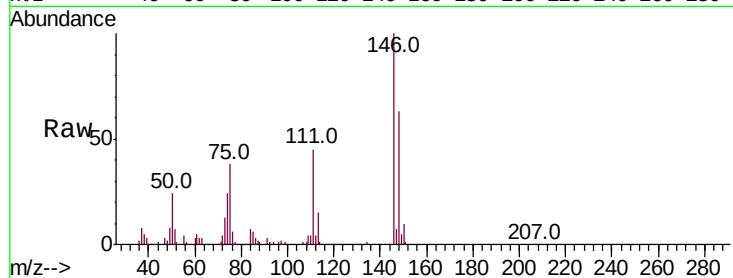
Tot Ion:146 Resp: 120059

Ion Ratio Lower Upper

146 100

111 45.5 22.4 67.2

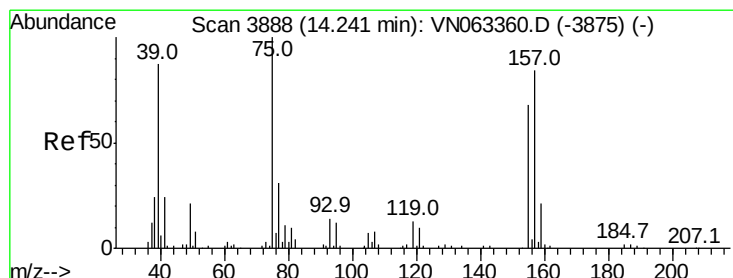
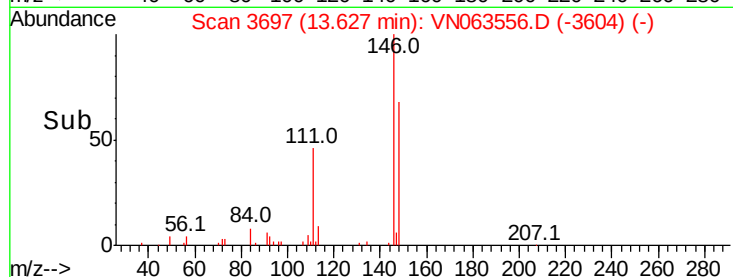
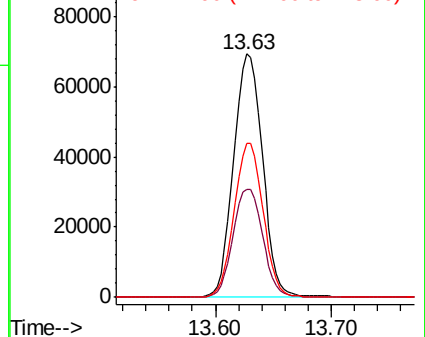
148 62.9 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.357 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

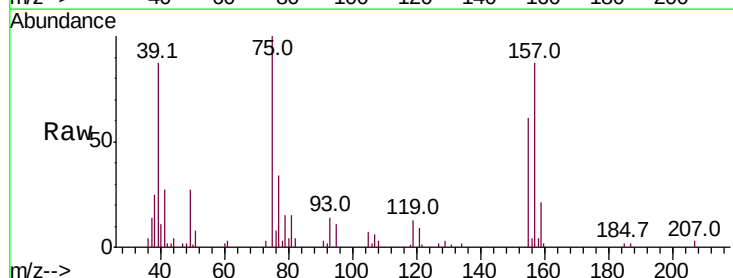
Tgt Ion: 75 Resp: 19722

Ion Ratio Lower Upper

75 100

155 63.1 34.6 103.9

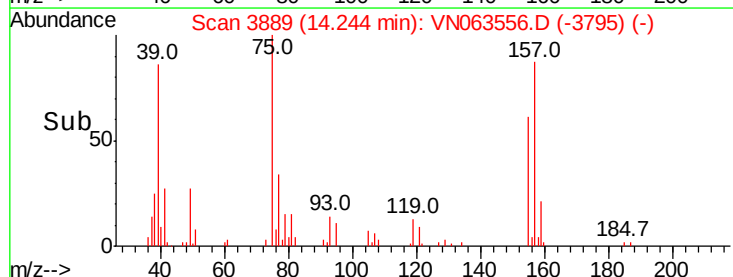
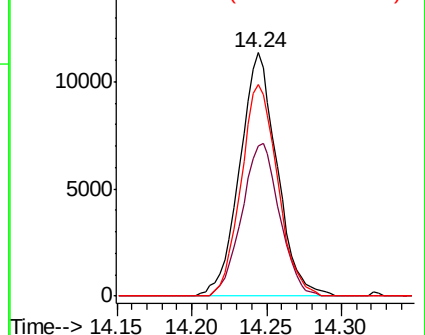
157 84.9 43.7 131.1

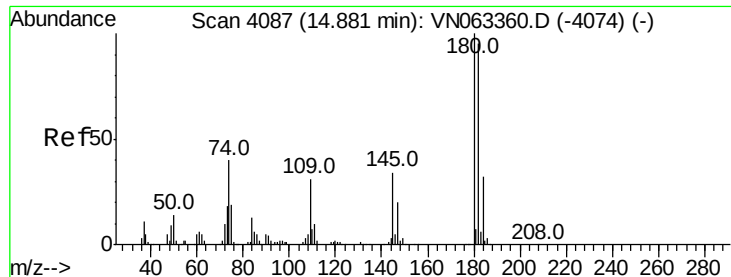


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

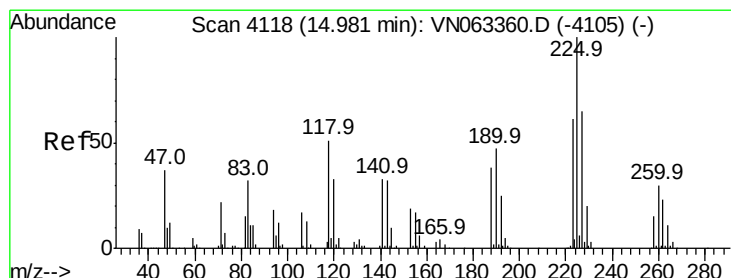
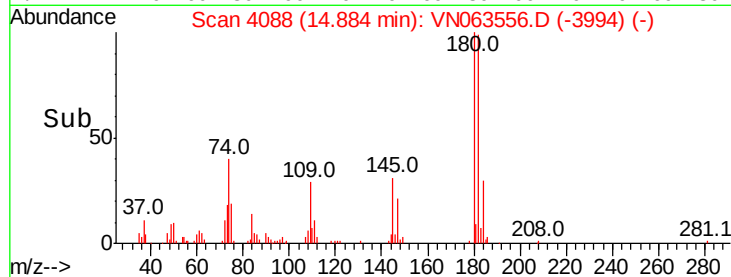
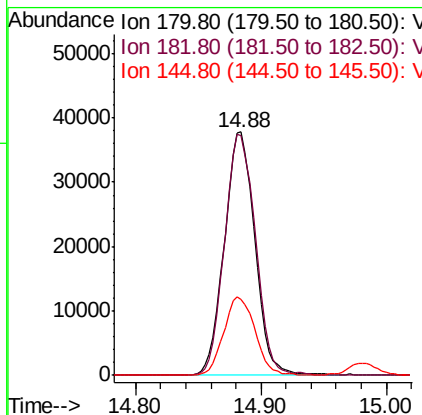
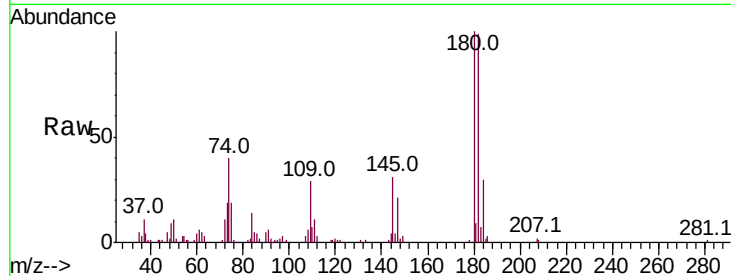




#93
 1,2,4-Trichlorobenzene
 Concen: 18.172 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063556.D
 Acq: 23 Sep 2020 1:40

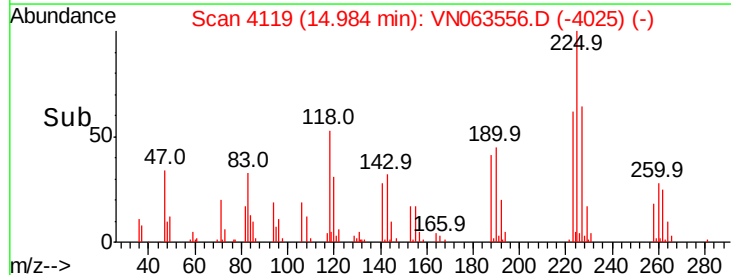
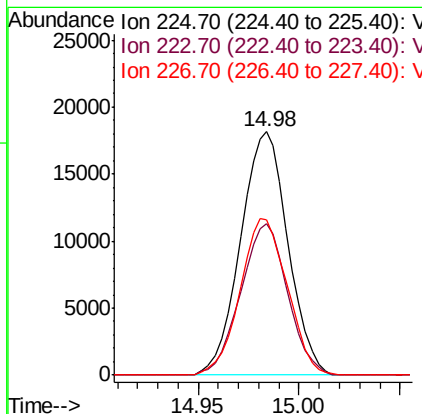
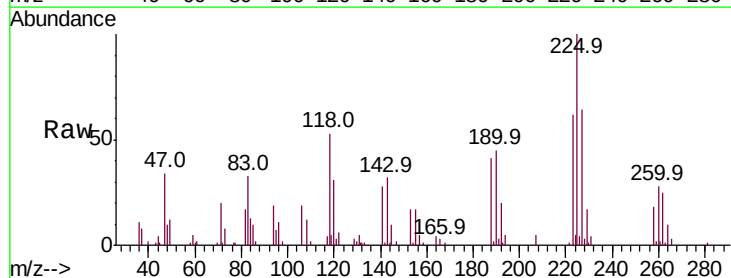
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0922WBSD02

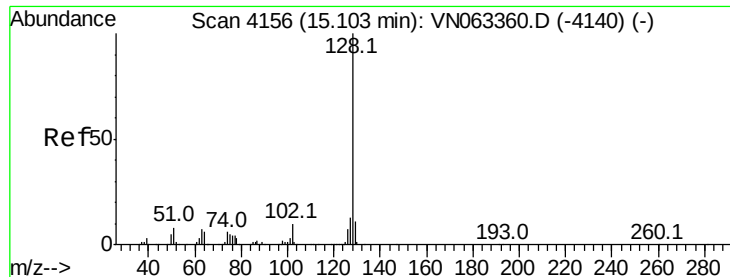
Tot Ion:180 Resp: 63896
 Ion Ratio Lower Upper
 180 100
 182 100.2 47.3 142.0
 145 32.9 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 20.454 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063556.D
 Acq: 23 Sep 2020 1:40

Tgt Ion:225 Resp: 29774
 Ion Ratio Lower Upper
 225 100
 223 61.5 30.6 91.6
 227 63.9 31.2 93.6





#95

Naphthalene

Concen: 18.811 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Instrument :

MSVOA_N

ClientSampleId :

VN0922WBSD02

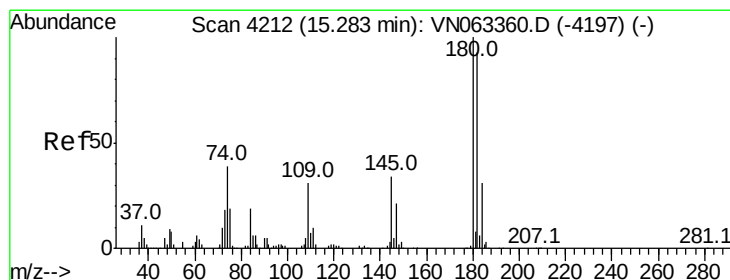
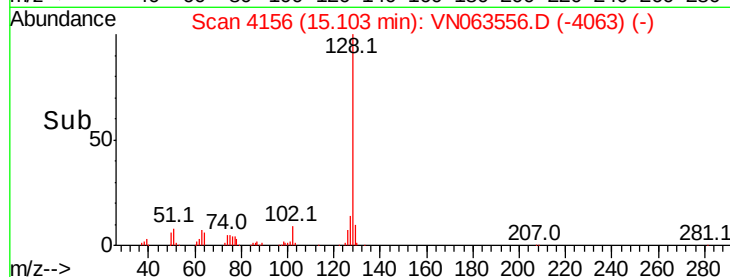
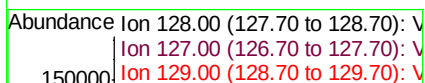
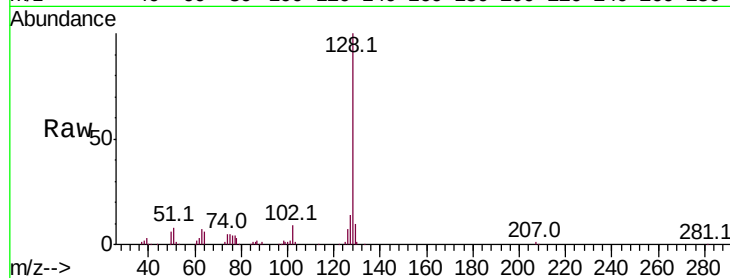
Tot Ion:128 Resp: 218524

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 10.3 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.237 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063556.D

Acq: 23 Sep 2020 1:40

Tgt Ion:180 Resp: 65357

Ion Ratio Lower Upper

180 100

182 93.4 46.7 140.1

145 33.6 16.8 50.3

