

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011722\
 Data File : VW024369.D
 Acq On : 17 Jan 2022 10:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB256

Quant Time: Jan 17 14:53:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	336709	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	315122	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	171968	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	89916	37.105	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.220%		
7) Chloroethane-d5	1.568	69	72839	39.568	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.140%		
11) 1,1-Dichloroethene-d2	2.111	63	184744	40.792	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.580%		
21) 2-Butanone-d5	3.879	46	138055	102.255	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.260%		
24) Chloroform-d	4.342	84	213929	48.303	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.600%		
26) 1,2-Dichloroethane-d4	5.027	65	131565	44.369	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.740%		
32) Benzene-d6	5.046	84	399164	48.541	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.080%		
36) 1,2-Dichloropropane-d6	6.066	67	121921	52.903	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.800%		
41) Toluene-d8	7.310	98	380688	47.813	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.620%		
43) trans-1,3-Dichloroprop...	7.615	79	63474	47.830	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.660%		
47) 2-Hexanone-d5	8.085	63	98199	98.075	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.070%		
56) 1,1,2,2-Tetrachloroeth...	10.213	84	162500	49.340	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.680%		
66) 1,2-Dichlorobenzene-d4	11.622	152	159309	46.476	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.130	85	99400	36.592	ug/L	99
3) Chloromethane	1.243	50	98931	43.349	ug/L	98
5) Vinyl chloride	1.313	62	105504	43.690	ug/L	95
6) Bromomethane	1.526	94	68608	49.859	ug/L	98
8) Chloroethane	1.587	64	63467	42.581	ug/L	97
9) Trichlorofluoromethane	1.754	101	172915	39.837	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	99478	46.894	ug/L	95
12) 1,1-Dichloroethene	2.121	96	88235	43.021	ug/L	95
13) Acetone	2.175	43	144814	108.638	ug/L	100
14) Carbon disulfide	2.297	76	225839	37.924	ug/L	99
15) Methyl Acetate	2.429	43	100470	51.822	ug/L	96
16) Methylene chloride	2.506	84	109405	48.984	ug/L	97
17) trans-1,2-Dichloroethene	2.760	96	97565	46.165	ug/L	94
18) Methyl tert-butyl Ether	2.764	73	339668	52.148	ug/L	97
19) 1,1-Dichloroethane	3.188	63	187062	53.364	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	114879	50.896	ug/L	99
22) 2-Butanone	3.960	43	157150	110.983	ug/L	94
23) Bromochloromethane	4.243	128	63782	49.042	ug/L	92
25) Chloroform	4.371	83	242960	59.280	ug/L	98

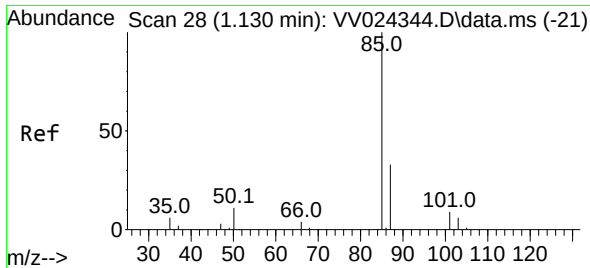
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 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	154388	46.313	ug/L	96
29) Cyclohexane	4.673	56	149640	53.122	ug/L	95
30) 1,1,1-Trichloroethane	4.603	97	185884	47.942	ug/L	99
31) Carbon tetrachloride	4.825	117	161996	45.035	ug/L	99
33) Benzene	5.095	78	412736	51.510	ug/L	100
34) Trichloroethene	5.908	95	115648	52.339	ug/L	96
35) Methylcyclohexane	6.127	83	163399	49.862	ug/L	97
37) 1,2-Dichloropropane	6.169	63	106771	56.653	ug/L	98
38) Bromodichloromethane	6.503	83	158265	53.514	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	173669	54.818	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	276021	112.314	ug/L	97
42) Toluene	7.384	91	456472	50.750	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	170712	53.119	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	109598	51.873	ug/L	97
46) Tetrachloroethene	7.972	164	94071	46.775	ug/L	98
48) 2-Hexanone	8.133	43	219671	111.287	ug/L	99
49) Dibromochloromethane	8.242	129	130543	49.292	ug/L	100
50) 1,2-Dibromoethane	8.349	107	116924	51.524	ug/L	98
51) Chlorobenzene	8.876	112	304501	50.263	ug/L	98
52) Ethylbenzene	9.008	91	493378	51.345	ug/L	100
53) m,p-Xylene	9.136	106	192017	49.854	ug/L	98
54) o-Xylene	9.541	106	190798	51.894	ug/L	97
55) Styrene	9.558	104	328753	51.489	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	160677	52.081	ug/L	99
59) Bromoform	9.728	173	94128	48.002	ug/L	97
60) Isopropylbenzene	9.927	105	508884	53.477	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	128769	50.994	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	433706	52.985	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	441596	54.038	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	252365	51.435	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	256645	50.721	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	253385	50.108	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	33387	45.907	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	192912	51.116	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	167685	51.953	ug/L	100
71) Naphthalene	13.500	128	476188	50.994	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	167441	50.194	ug/L	99

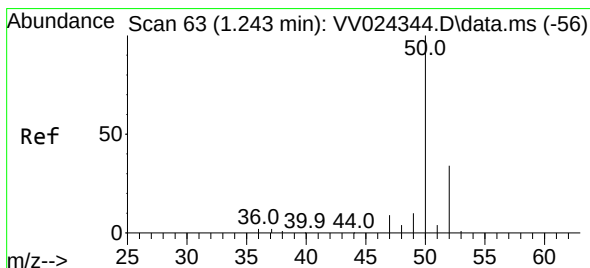
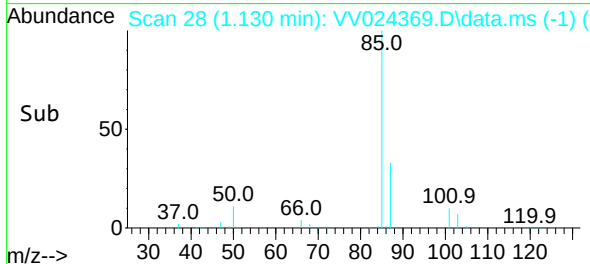
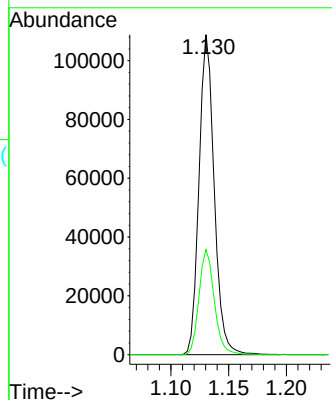
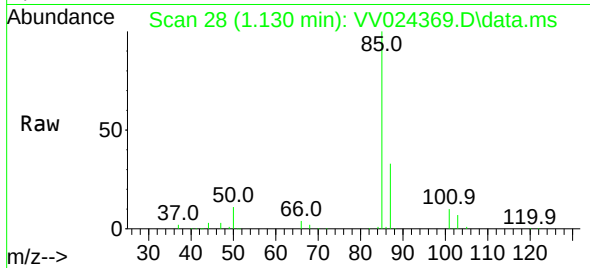
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#2
 Dichlorodifluoromethane
 Concen: 36.592 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024369.D
 Acq: 17 Jan 2022 10:22

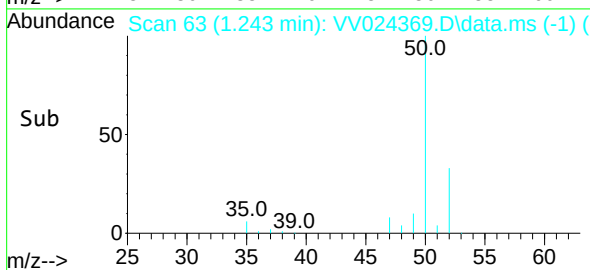
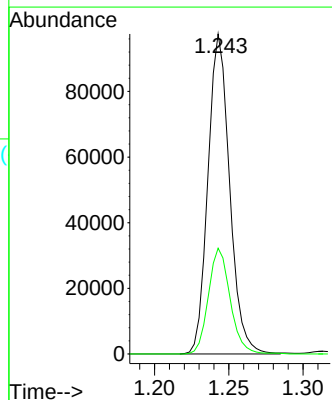
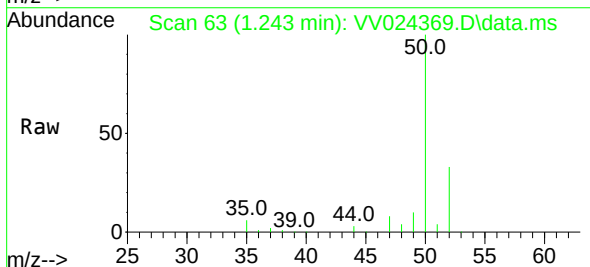
Instrument :
 MSVOA_V
 ClientSampleId :
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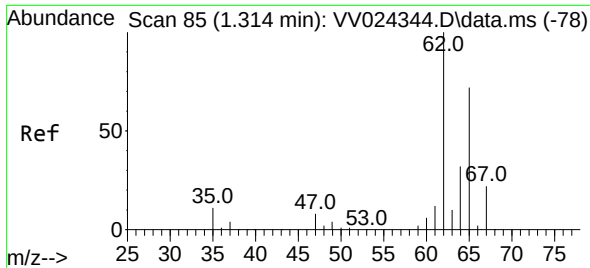
Tgt Ion: 85 Resp: 99400
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.8 38.8



#3
 Chloromethane
 Concen: 43.349 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024369.D
 Acq: 17 Jan 2022 10:22

Tgt Ion: 50 Resp: 98931
 Ion Ratio Lower Upper
 50 100
 52 33.1 24.1 44.7

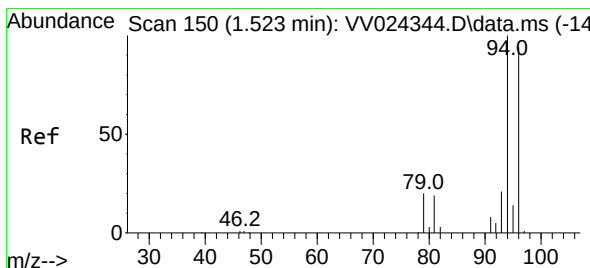
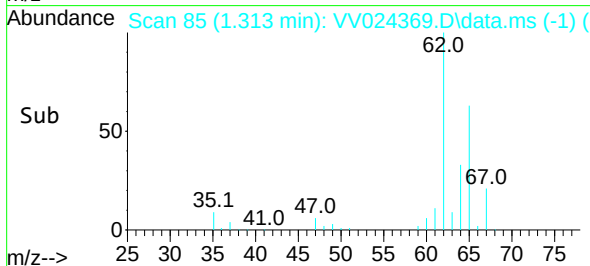
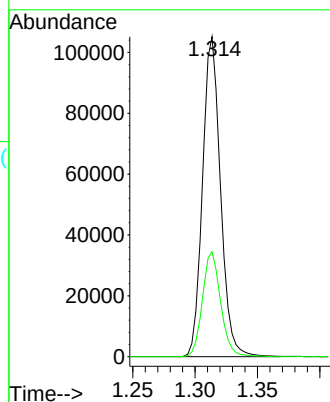
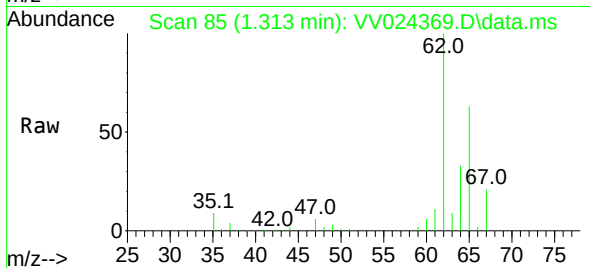




#5
 Vinyl chloride
 Concen: 43.690 ug/L
 RT: 1.313 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV024369.D
 Acq: 17 Jan 2022 10:22

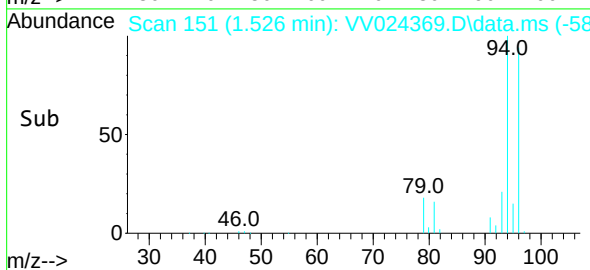
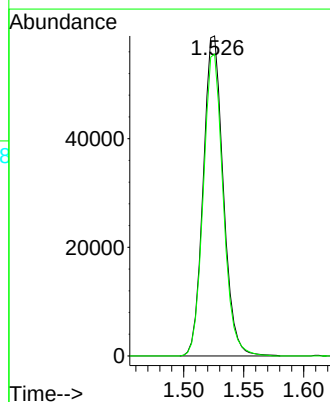
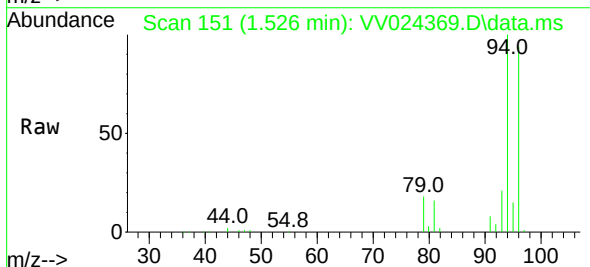
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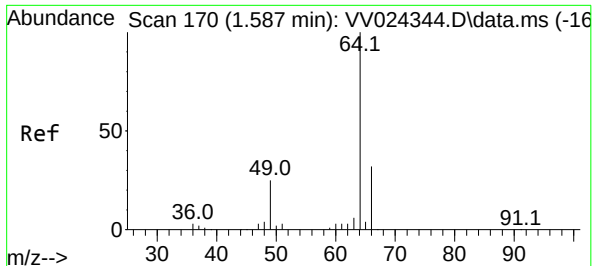
Tgt Ion: 62 Resp: 105504
 Ion Ratio Lower Upper
 62 100
 64 32.8 25.0 46.4



#6
 Bromomethane
 Concen: 49.859 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV024369.D
 Acq: 17 Jan 2022 10:22

Tgt Ion: 94 Resp: 68608
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.0 120.6

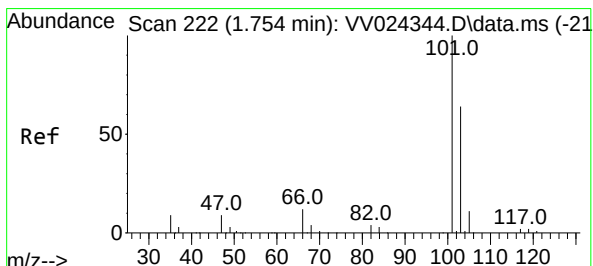
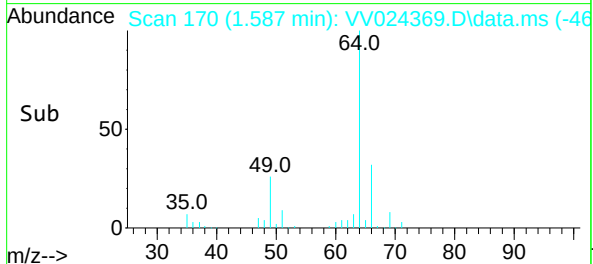
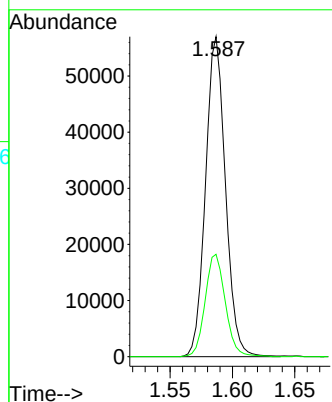
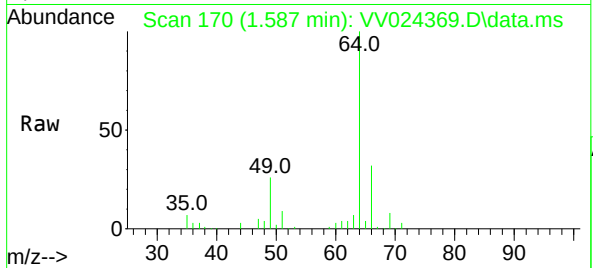




#8
Chloroethane
Concen: 42.581 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

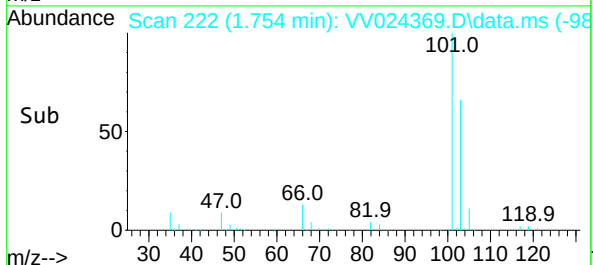
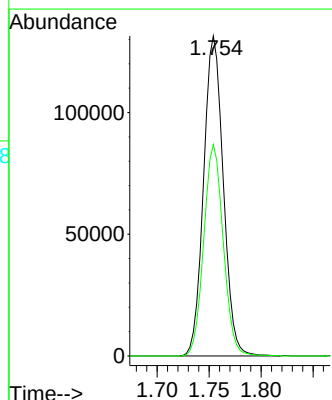
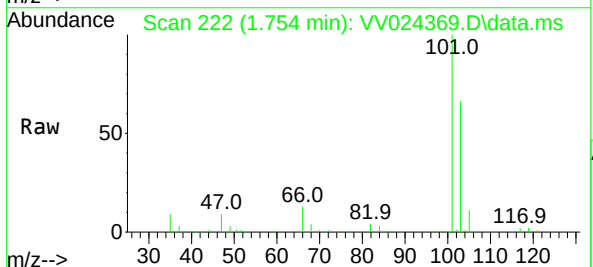
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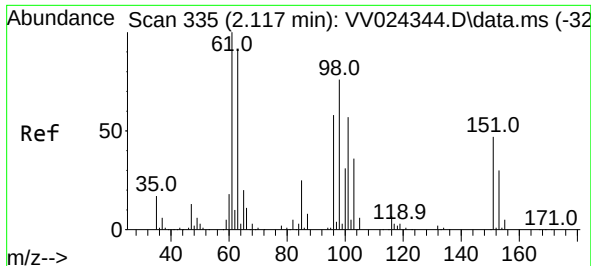
Tgt Ion: 64 Resp: 63467
Ion Ratio Lower Upper
64 100
66 32.0 21.4 39.8



#9
Trichlorofluoromethane
Concen: 39.837 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

Tgt Ion:101 Resp: 172915
Ion Ratio Lower Upper
101 100
103 65.4 52.0 78.0

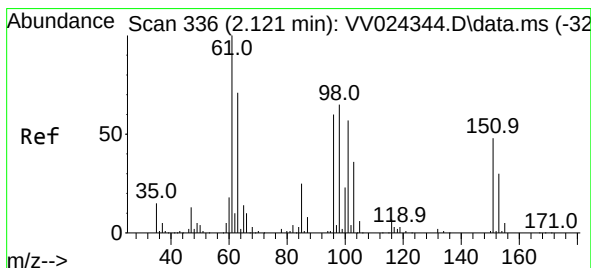
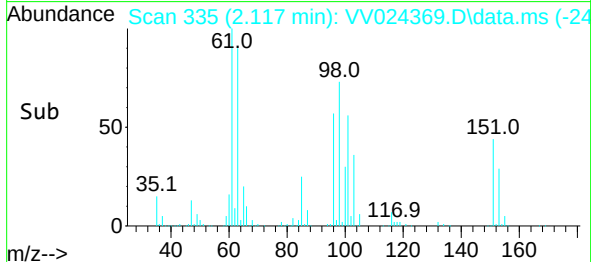
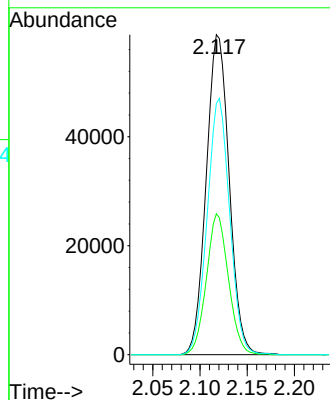
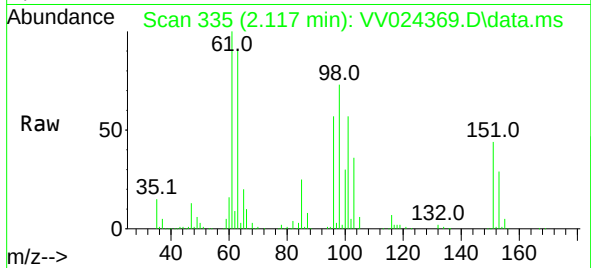




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.894 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV024369.D
 Acq: 17 Jan 2022 10:22

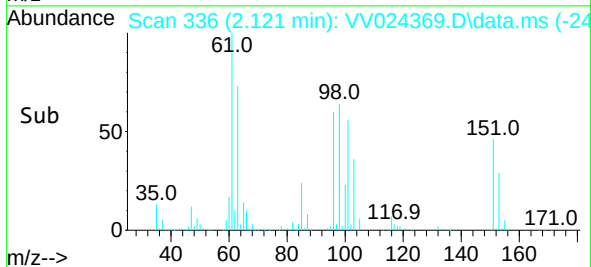
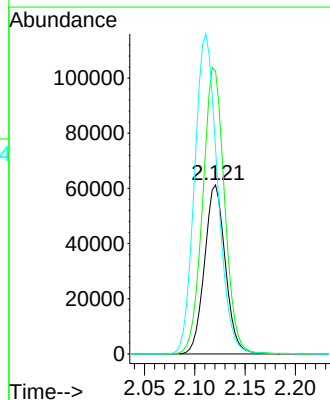
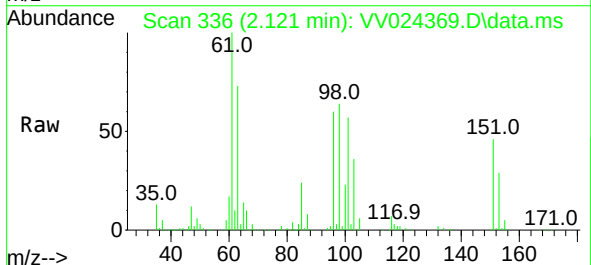
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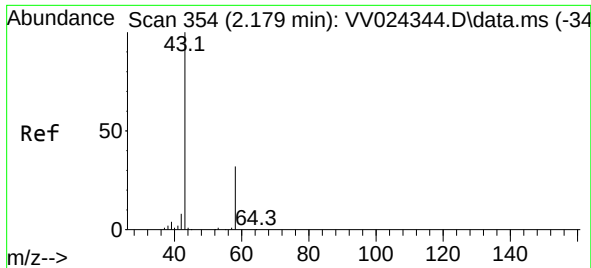
Tgt Ion:101 Resp: 99478
 Ion Ratio Lower Upper
 101 100
 85 42.2 35.3 52.9
 151 78.6 67.1 100.7



#12
 1,1-Dichloroethene
 Concen: 43.021 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV024369.D
 Acq: 17 Jan 2022 10:22

Tgt Ion: 96 Resp: 88235
 Ion Ratio Lower Upper
 96 100
 61 167.4 111.9 207.9
 63 121.6 82.7 153.5





#13

Acetone

Concen: 108.638 ug/L

RT: 2.175 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV024369.D

Acq: 17 Jan 2022 10:22

Instrument :

MSVOA_V

ClientSampleId :

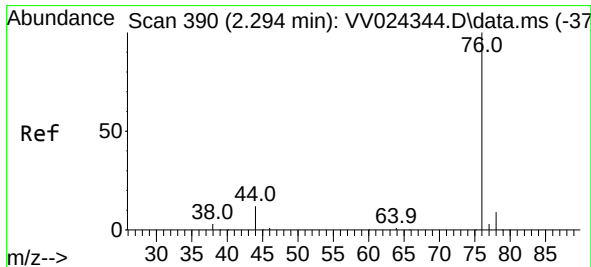
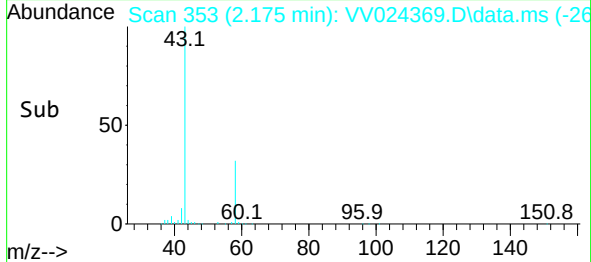
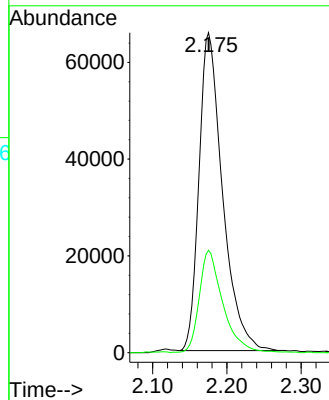
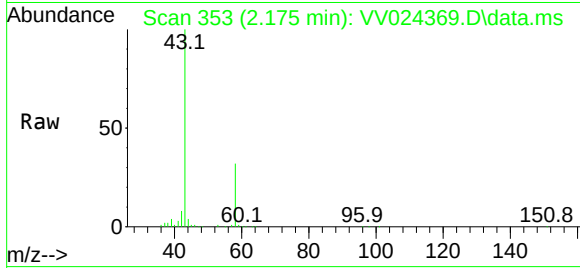
BFB256

Tgt Ion: 43 Resp: 144814

Ion Ratio Lower Upper

43 100

58 31.6 0.0 63.0



#14

Carbon disulfide

Concen: 37.924 ug/L

RT: 2.297 min Scan# 391

Delta R.T. -0.000 min

Lab File: VV024369.D

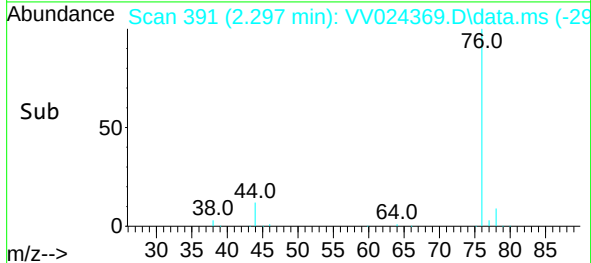
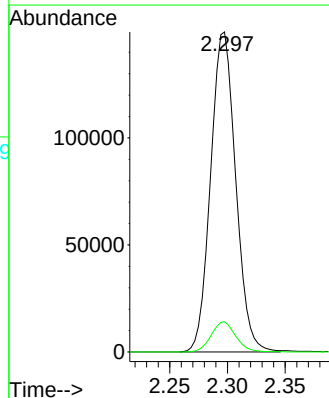
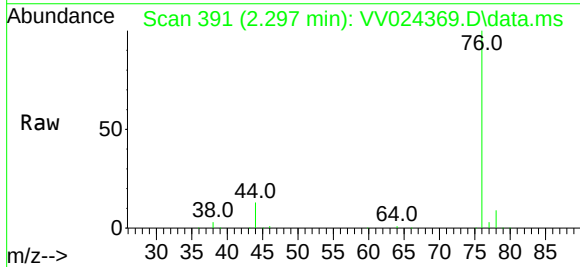
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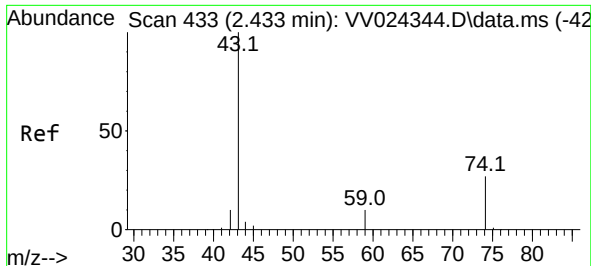
Tgt Ion: 76 Resp: 225839

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8





#15

Methyl Acetate

Concen: 51.822 ug/L

RT: 2.429 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV024369.D

Acq: 17 Jan 2022 10:22

Instrument :

MSVOA_V

ClientSampleId :

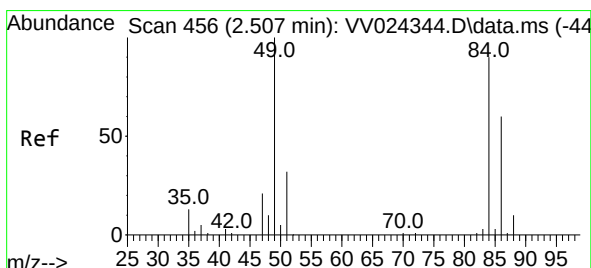
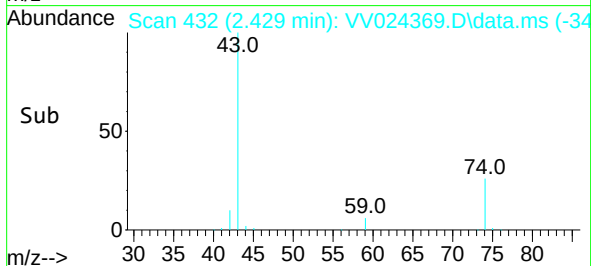
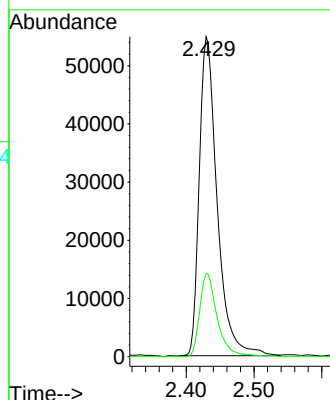
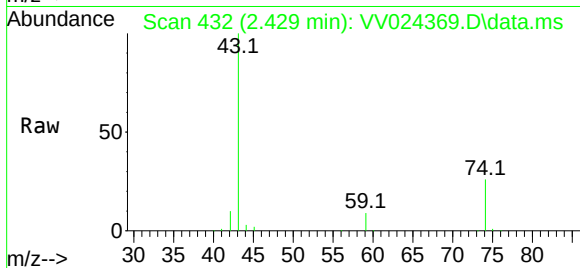
BFB256

Tgt Ion: 43 Resp: 100470

Ion Ratio Lower Upper

43 100

74 25.1 21.8 32.8



#16

Methylene chloride

Concen: 48.984 ug/L

RT: 2.506 min Scan# 456

Delta R.T. -0.000 min

Lab File: VV024369.D

Acq: 17 Jan 2022 10:22

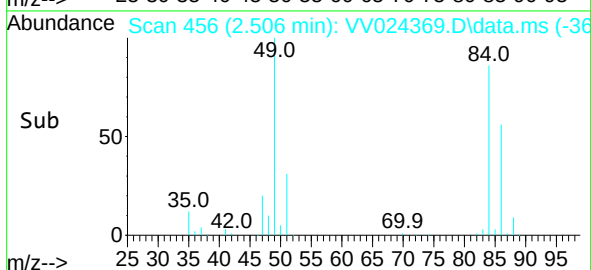
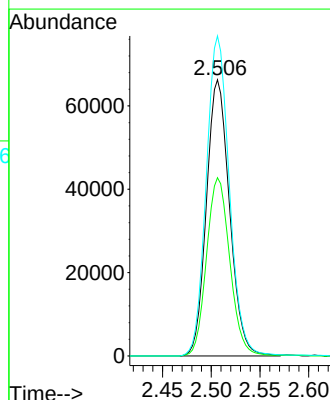
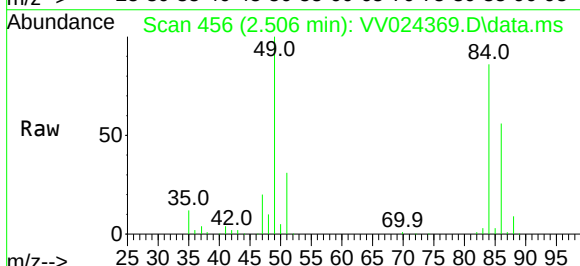
Tgt Ion: 84 Resp: 109405

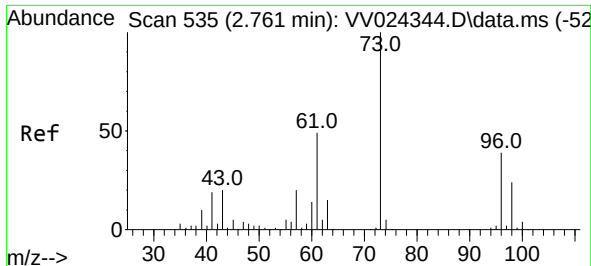
Ion Ratio Lower Upper

84 100

86 64.6 46.8 86.8

49 115.9 78.3 145.3





#17

trans-1,2-Dichloroethene

Concen: 46.165 ug/L

RT: 2.760 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV024369.D

Acq: 17 Jan 2022 10:22

Instrument :

MSVOA_V

ClientSampleId :

BFB256

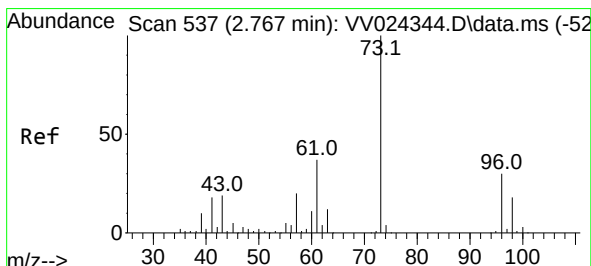
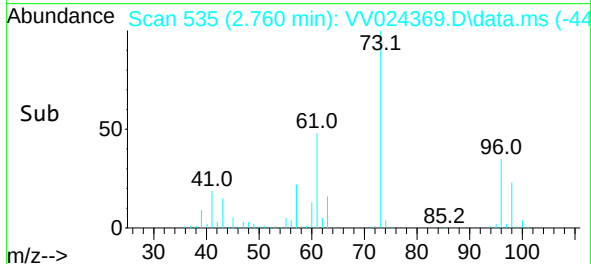
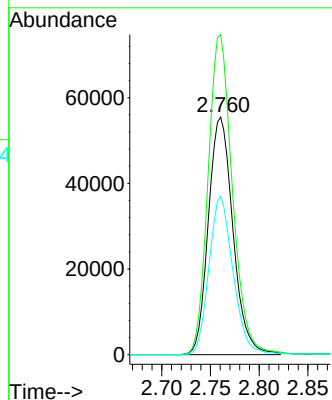
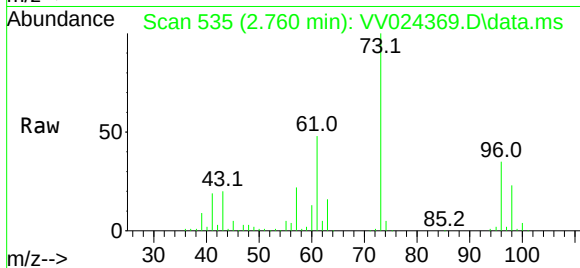
Tgt Ion: 96 Resp: 97565

Ion Ratio Lower Upper

96 100

61 134.7 88.1 163.7

98 66.6 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 52.148 ug/L

RT: 2.764 min Scan# 536

Delta R.T. -0.003 min

Lab File: VV024369.D

Acq: 17 Jan 2022 10:22

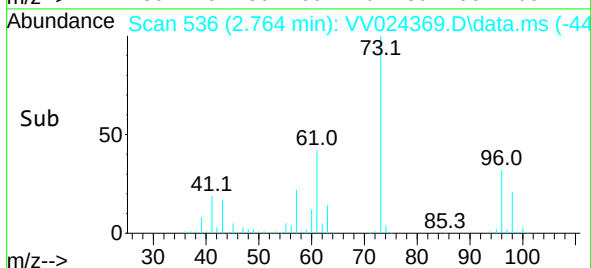
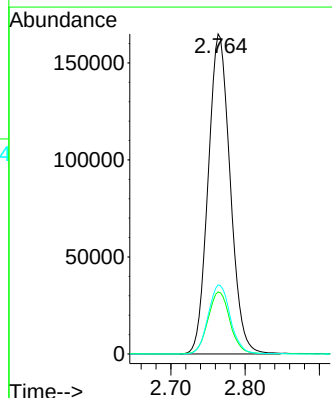
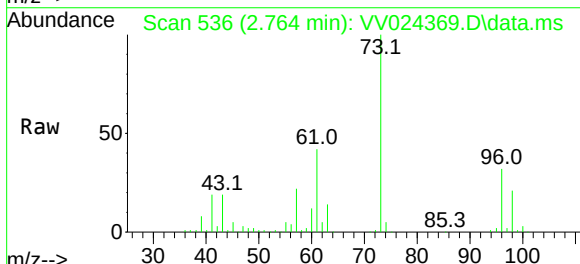
Tgt Ion: 73 Resp: 339668

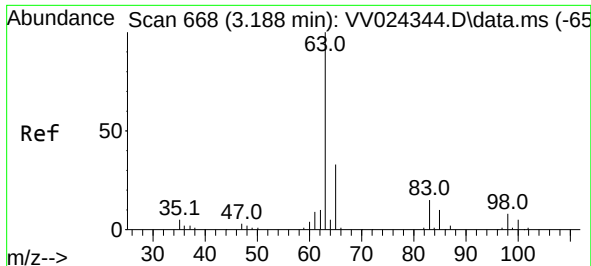
Ion Ratio Lower Upper

73 100

43 19.5 16.2 24.2

57 21.7 15.9 23.9





#19

1,1-Dichloroethane

Concen: 53.364 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV024369.D

Acq: 17 Jan 2022 10:22

Instrument :

MSVOA_V

ClientSampleId :

BFB256

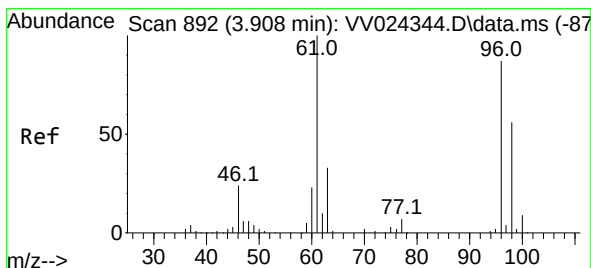
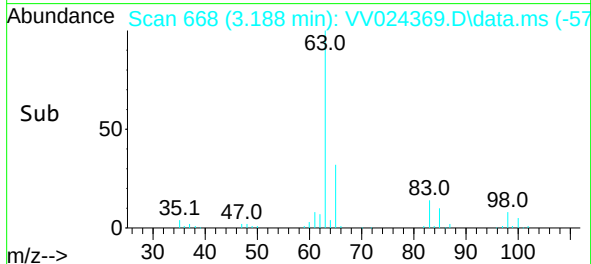
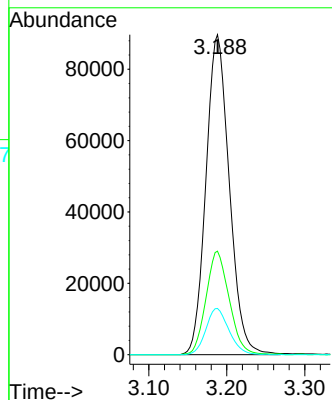
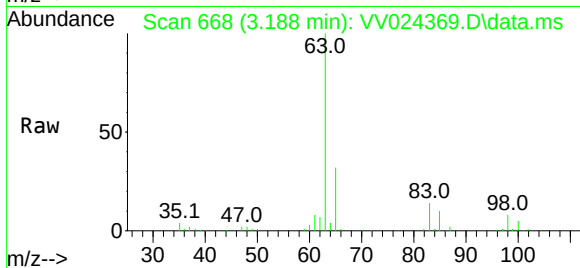
Tgt Ion: 63 Resp: 187062

Ion Ratio Lower Upper

63 100

65 32.3 22.4 41.6

83 14.4 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 50.896 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.000 min

Lab File: VV024369.D

Acq: 17 Jan 2022 10:22

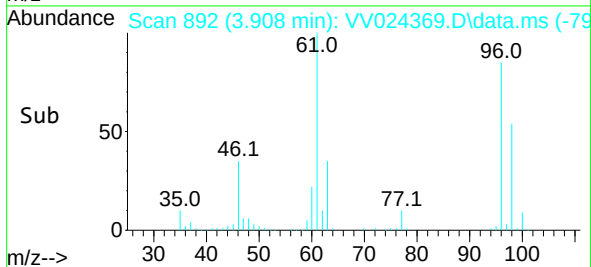
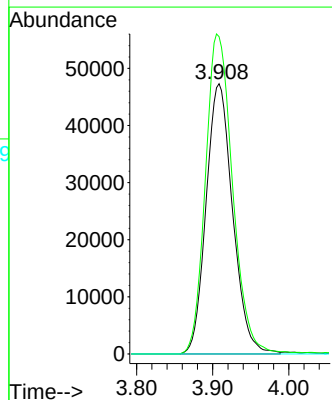
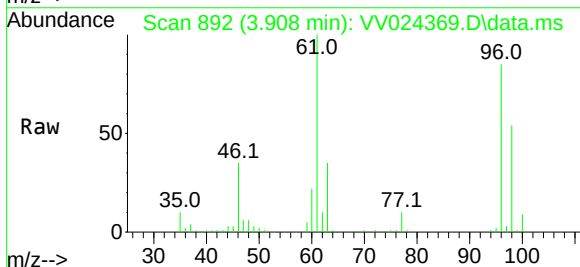
Tgt Ion: 96 Resp: 114879

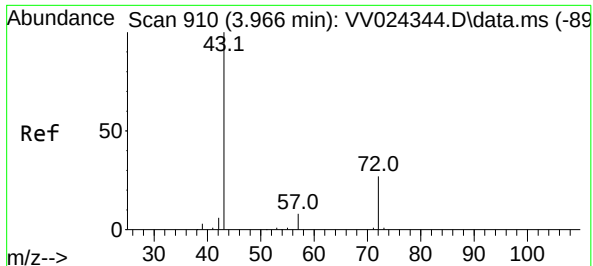
Ion Ratio Lower Upper

96 100

61 117.4 82.9 153.9

68 0.0 0.0 0.0

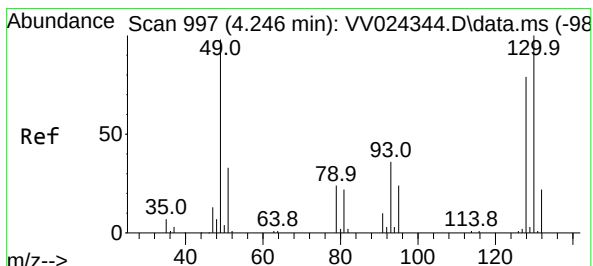
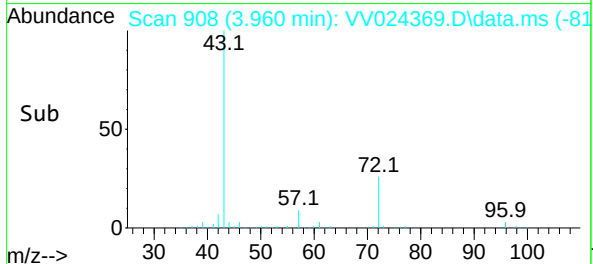
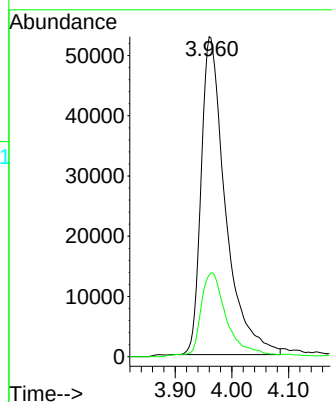
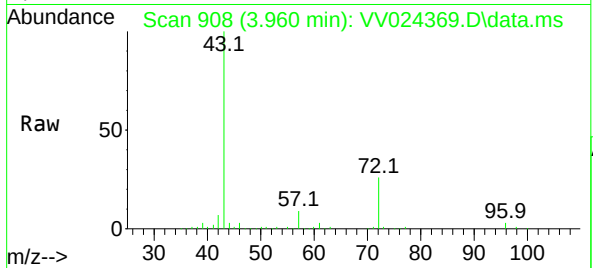




#22
2-Butanone
Concen: 110.983 ug/L
RT: 3.960 min Scan# 910
Delta R.T. -0.010 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

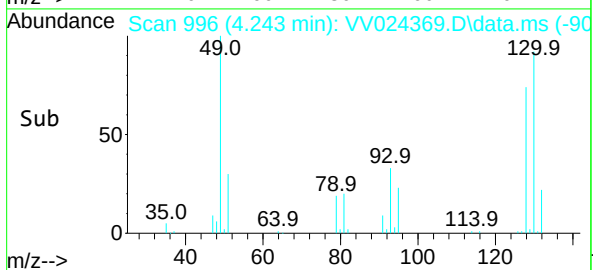
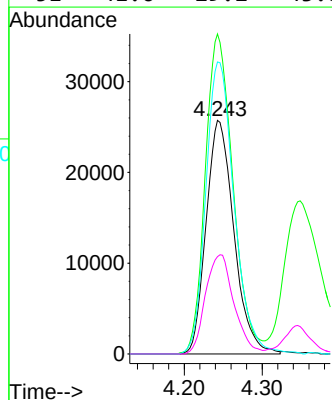
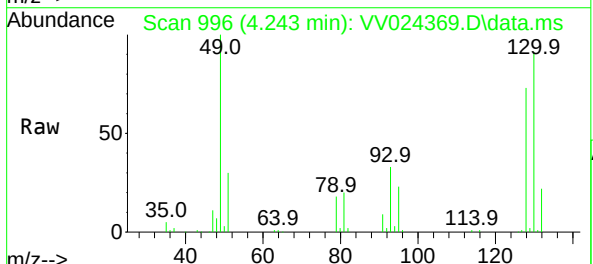
Instrument :
MSVOA_V
ClientSampleId :
BFB256

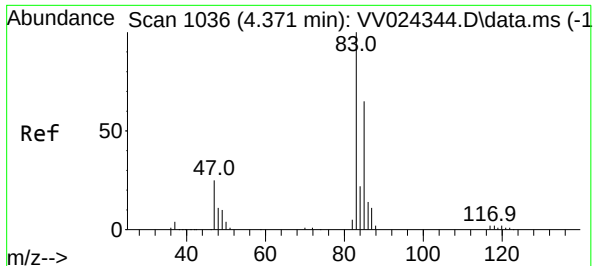
Tgt Ion: 43 Resp: 157150
Ion Ratio Lower Upper
43 100
72 26.8 14.9 44.9



#23
Bromochloromethane
Concen: 49.042 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.000 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

Tgt Ion:128 Resp: 63782
Ion Ratio Lower Upper
128 100
49 137.0 83.1 154.3
130 125.0 87.0 161.6
51 41.6 29.2 43.8





#25

Chloroform

Concen: 59.280 ug/L

RT: 4.371 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024369.D

Acq: 17 Jan 2022 10:22

Instrument :

MSVOA_V

ClientSampleId :

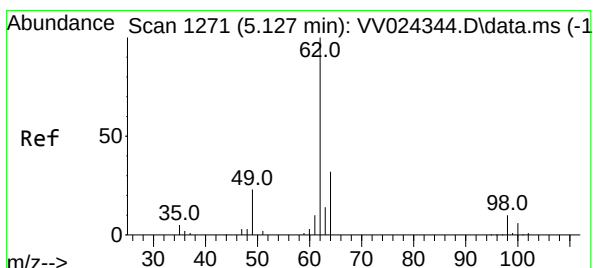
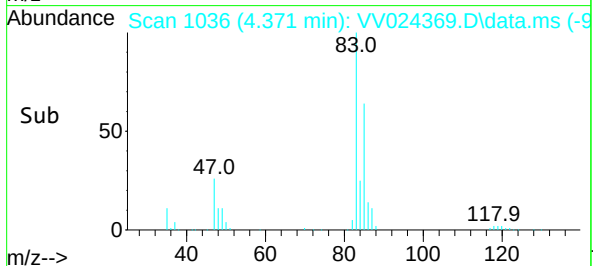
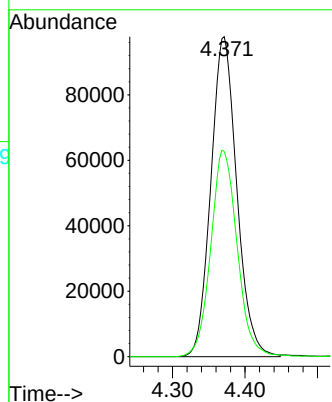
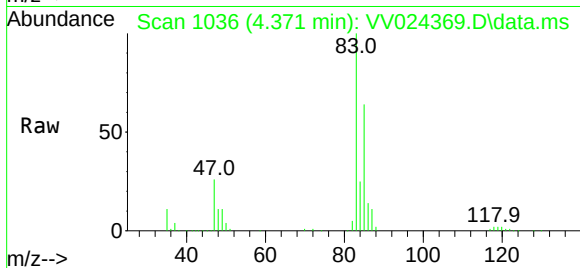
BFB256

Tgt Ion: 83 Resp: 242960

Ion Ratio Lower Upper

83 100

85 64.1 46.3 85.9



#27

1,2-Dichloroethane

Concen: 46.313 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VV024369.D

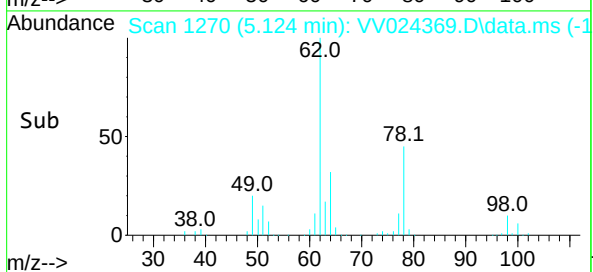
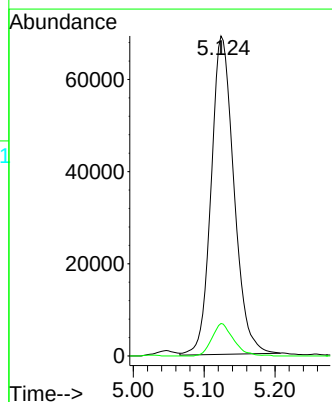
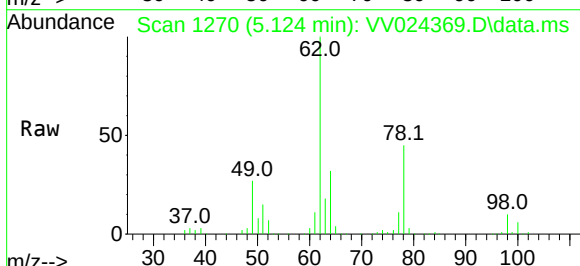
Acq: 17 Jan 2022 10:22

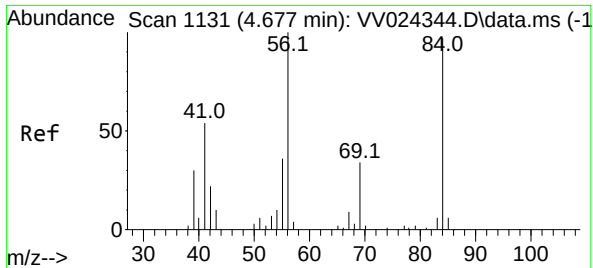
Tgt Ion: 62 Resp: 154388

Ion Ratio Lower Upper

62 100

98 10.2 7.1 10.7

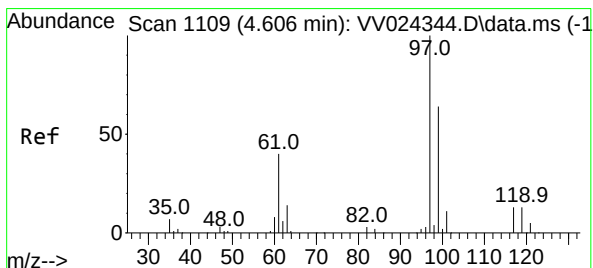
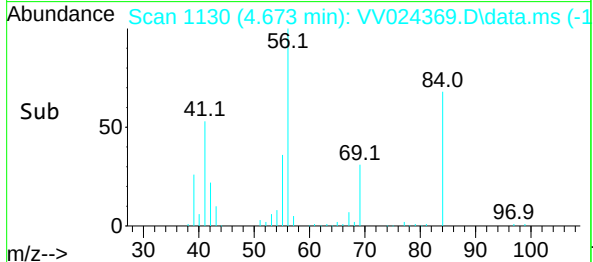
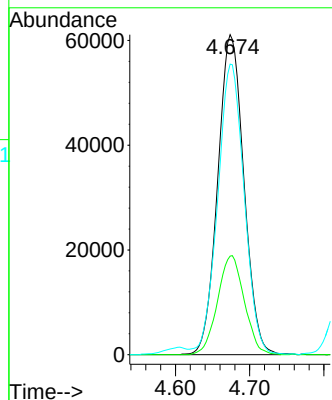
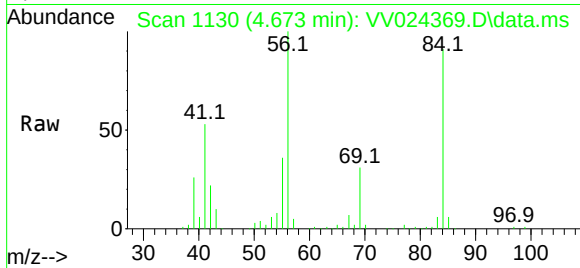




#29
Cyclohexane
Concen: 53.122 ug/L
RT: 4.673 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

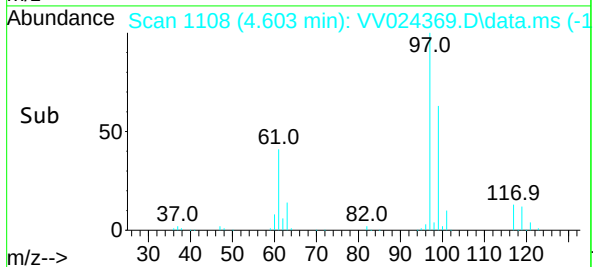
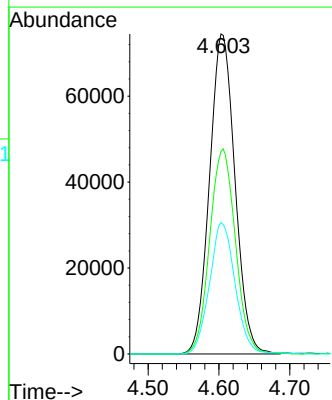
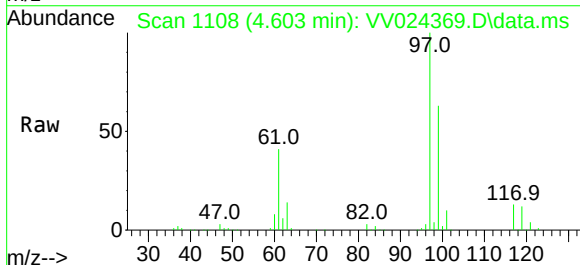
Instrument :
MSVOA_V
ClientSampleId :
BFB256

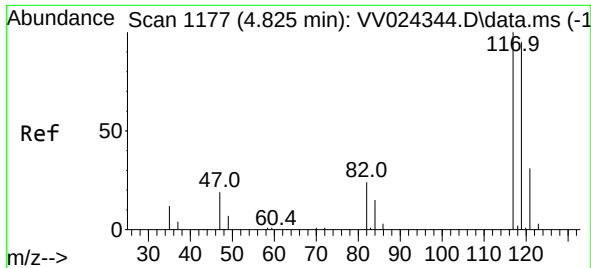
Tgt Ion: 56 Resp: 149640
Ion Ratio Lower Upper
56 100
69 31.6 25.8 38.6
84 92.1 79.1 118.7



#30
1,1,1-Trichloroethane
Concen: 47.942 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.003 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

Tgt Ion: 97 Resp: 185884
Ion Ratio Lower Upper
97 100
99 64.8 51.2 76.8
61 41.3 33.2 49.8

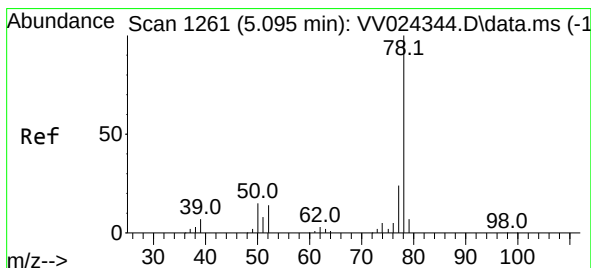
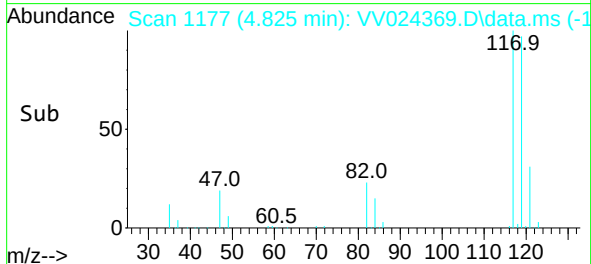
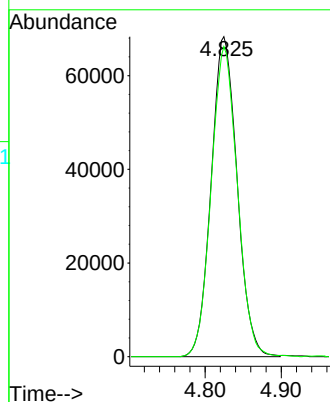
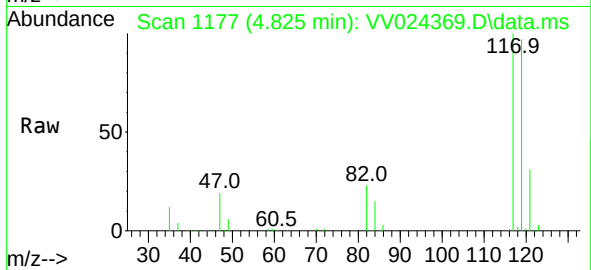




#31
Carbon tetrachloride
Concen: 45.035 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

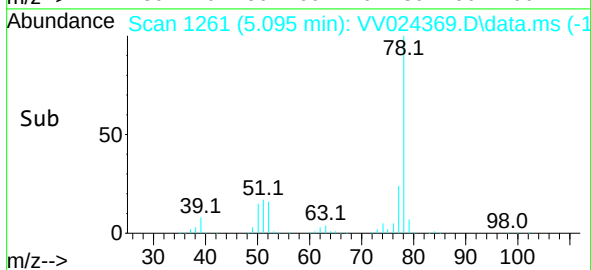
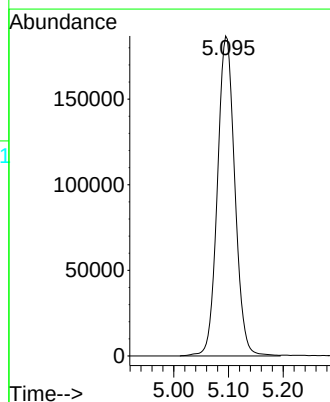
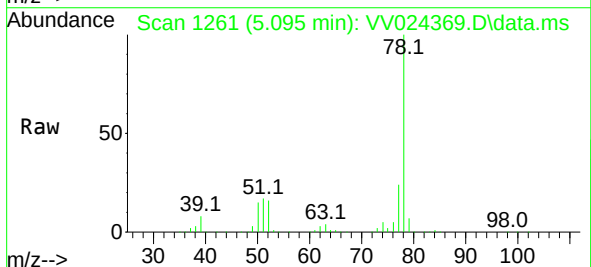
Instrument :
MSVOA_V
ClientSampleId :
BFB256

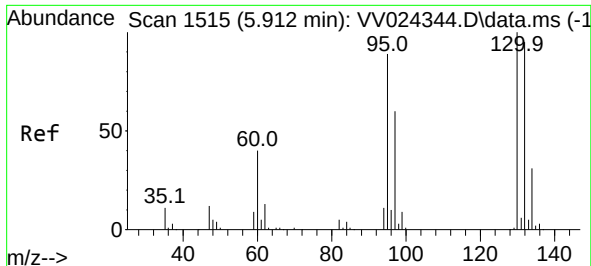
Tgt Ion:117 Resp: 161996
Ion Ratio Lower Upper
117 100
119 97.5 76.9 115.3



#33
Benzene
Concen: 51.510 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

Tgt Ion: 78 Resp: 412736

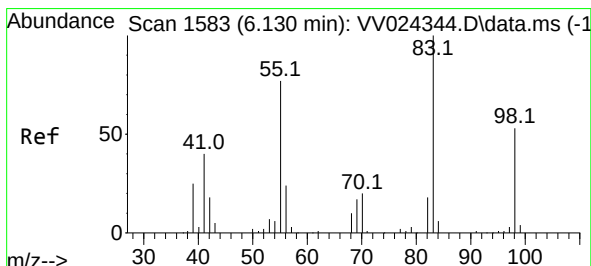
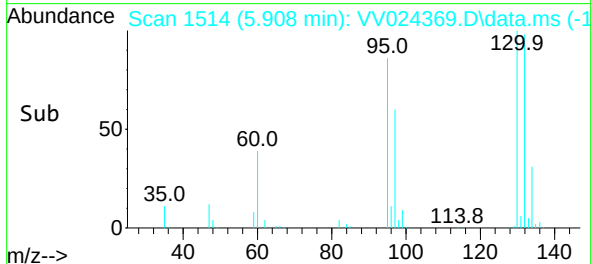
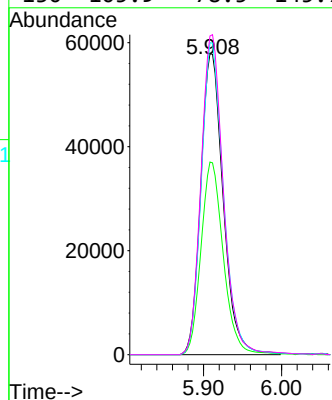
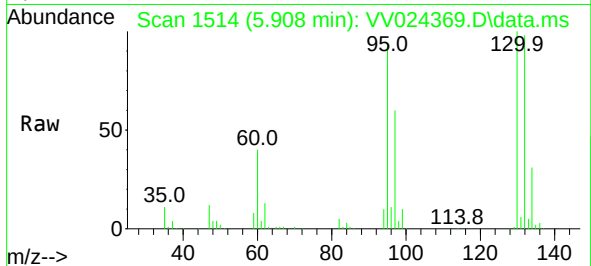




#34
Trichloroethene
Concen: 52.339 ug/L
RT: 5.908 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

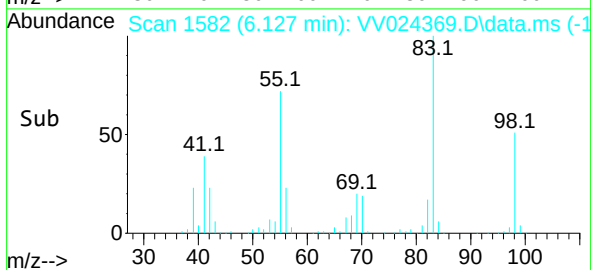
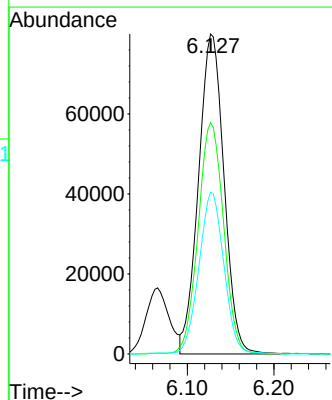
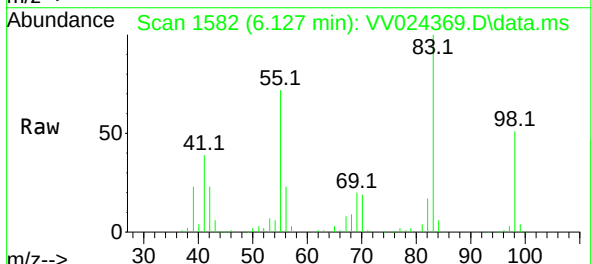
Instrument :
MSVOA_V
ClientSampleId :
BFB256

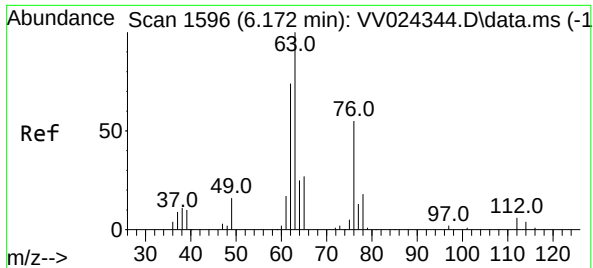
Tgt Ion: 95 Resp: 115648
Ion Ratio Lower Upper
95 100
97 64.0 44.1 81.9
132 103.7 75.1 139.5
130 105.9 78.5 145.7



#35
Methylcyclohexane
Concen: 49.862 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

Tgt Ion: 83 Resp: 163399
Ion Ratio Lower Upper
83 100
55 72.1 55.6 83.4
98 49.6 41.3 61.9





#37

1,2-Dichloropropane

Concen: 56.653 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024369.D

Acq: 17 Jan 2022 10:22

Instrument :

MSVOA_V

ClientSampleId :

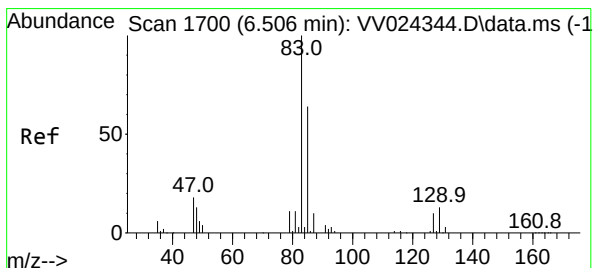
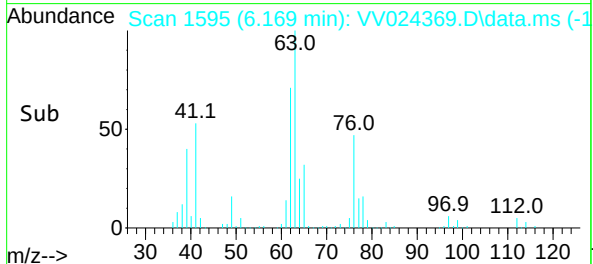
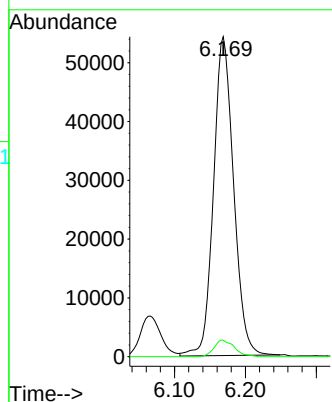
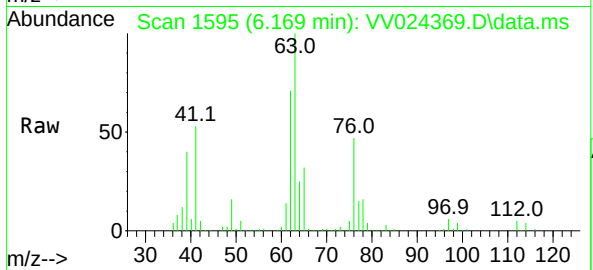
BFB256

Tgt Ion: 63 Resp: 106771

Ion Ratio Lower Upper

63 100

112 5.3 4.7 7.1



#38

Bromodichloromethane

Concen: 53.514 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV024369.D

Acq: 17 Jan 2022 10:22

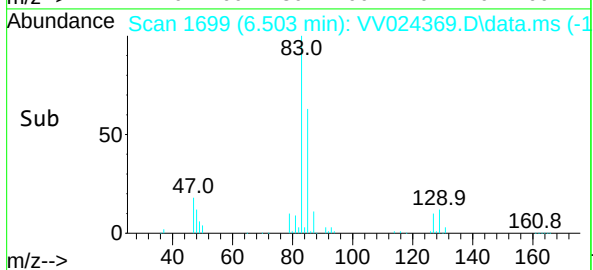
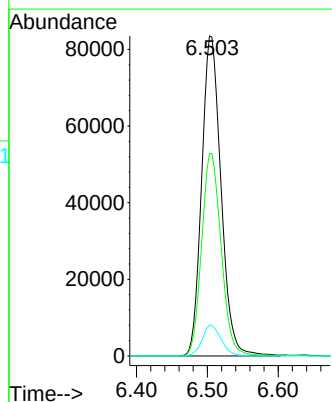
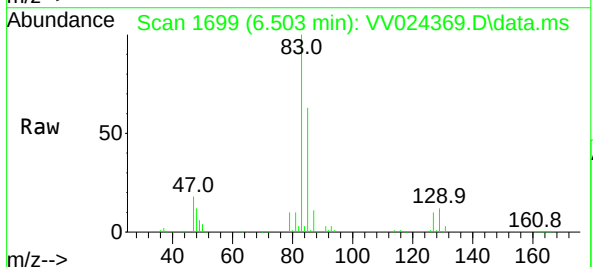
Tgt Ion: 83 Resp: 158265

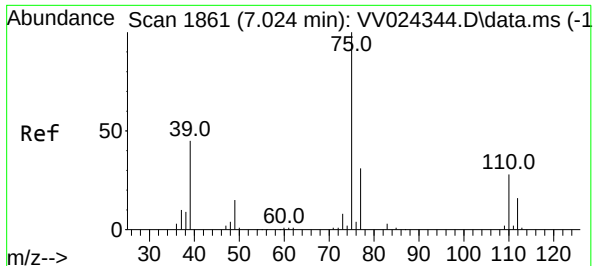
Ion Ratio Lower Upper

83 100

85 63.3 45.2 84.0

127 9.6 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 54.818 ug/L

RT: 7.021 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV024369.D

Acq: 17 Jan 2022 10:22

Instrument :

MSVOA_V

ClientSampleId :

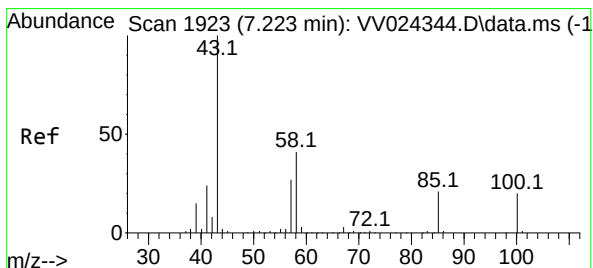
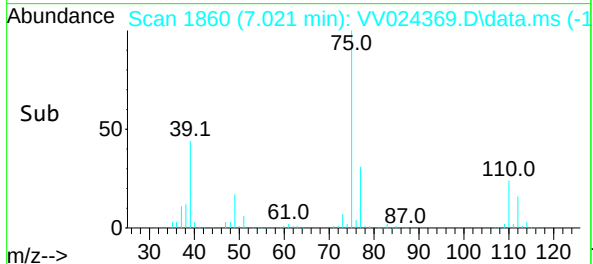
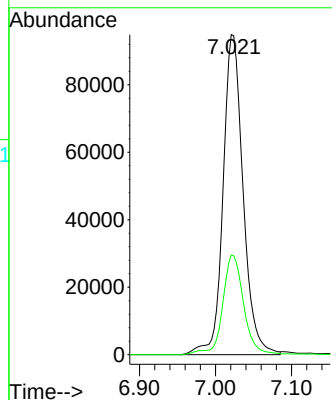
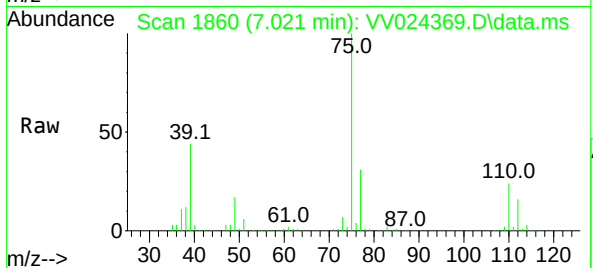
BFB256

Tgt Ion: 75 Resp: 173669

Ion Ratio Lower Upper

75 100

77 31.1 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 112.314 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV024369.D

Acq: 17 Jan 2022 10:22

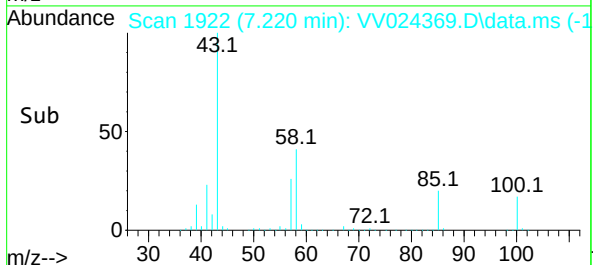
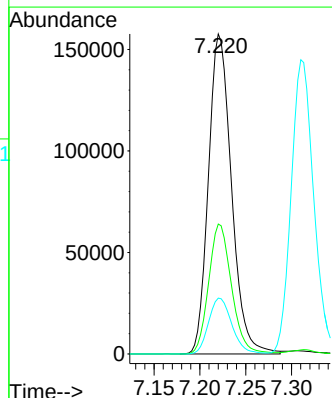
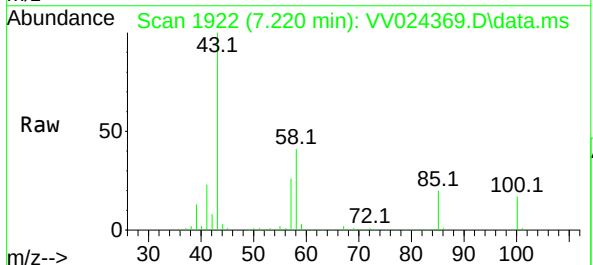
Tgt Ion: 43 Resp: 276021

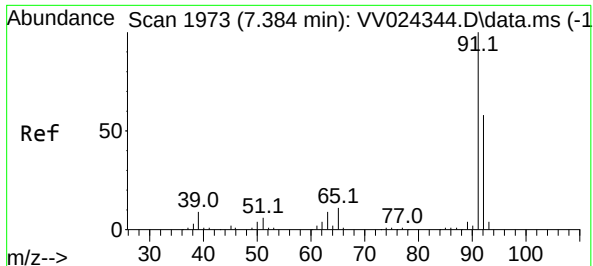
Ion Ratio Lower Upper

43 100

58 40.3 33.0 49.4

100 17.6 16.0 24.0





#42

Toluene

Concen: 50.750 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV024369.D

Acq: 17 Jan 2022 10:22

Instrument :

MSVOA_V

ClientSampleId :

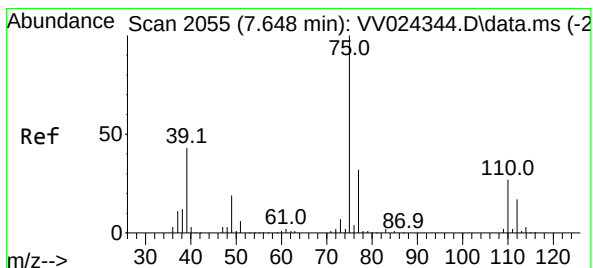
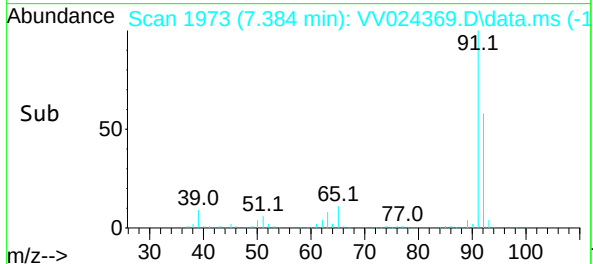
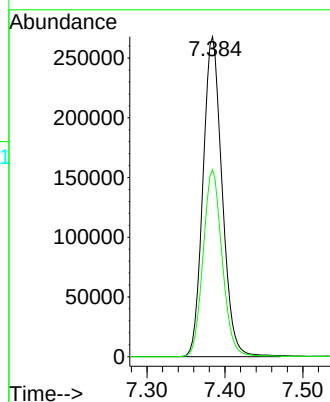
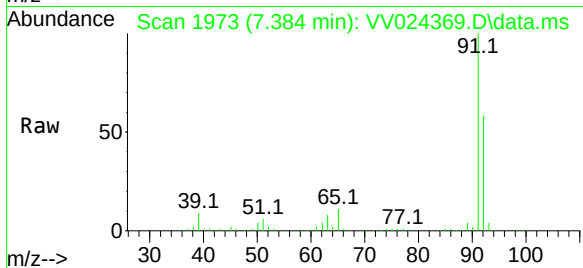
BFB256

Tgt Ion: 91 Resp: 456472

Ion Ratio Lower Upper

91 100

92 58.5 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 53.119 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV024369.D

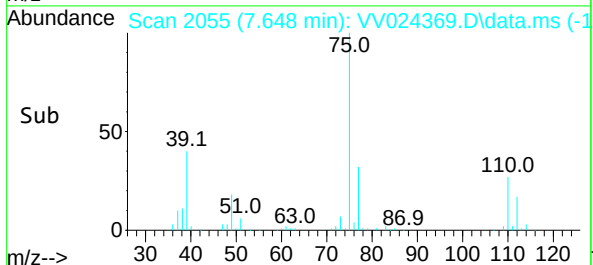
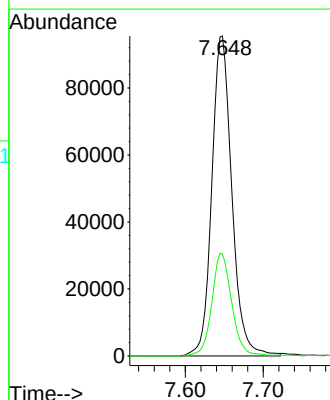
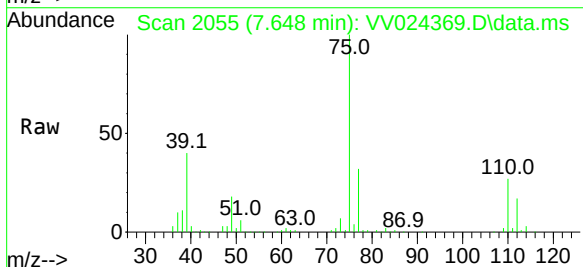
Acq: 17 Jan 2022 10:22

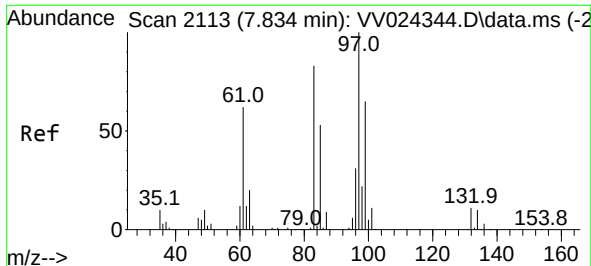
Tgt Ion: 75 Resp: 170712

Ion Ratio Lower Upper

75 100

77 31.8 22.7 42.1



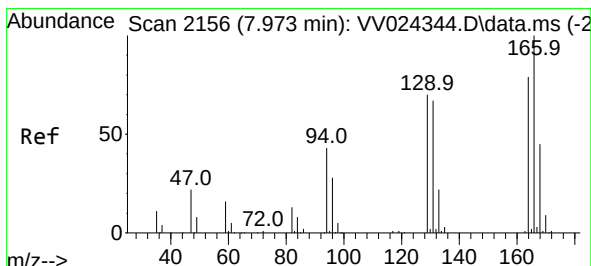
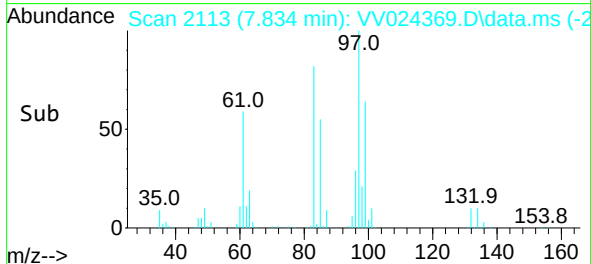
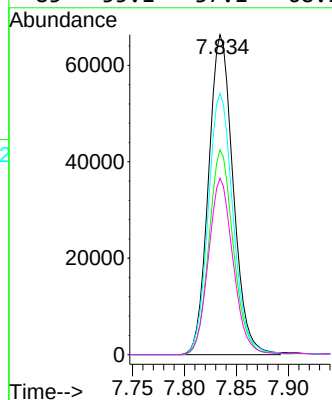
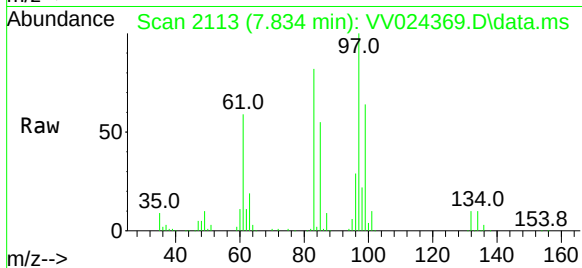


#45
1,1,2-Trichloroethane
Concen: 51.873 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

Instrument :
MSVOA_V
ClientSampleId :
BFB256

Tgt Ion: 97 Resp: 109598

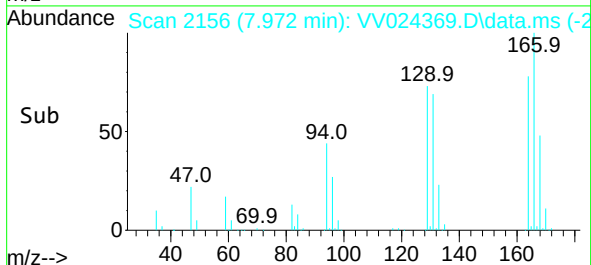
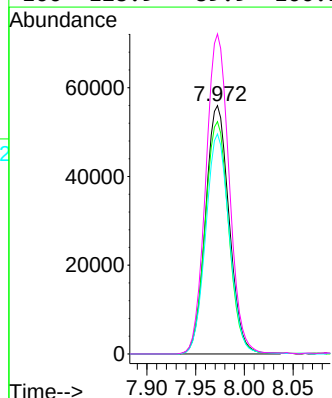
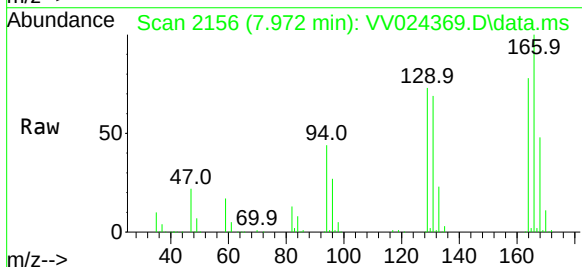
Ion	Ratio	Lower	Upper
97	100		
99	64.0	42.4	78.8
83	81.7	57.9	107.5
85	55.1	37.1	68.9

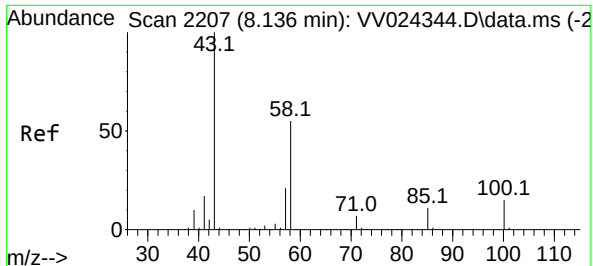


#46
Tetrachloroethene
Concen: 46.775 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

Tgt Ion: 164 Resp: 94071

Ion	Ratio	Lower	Upper
164	100		
129	93.6	61.5	114.1
131	88.6	62.2	115.4
166	128.9	89.9	166.9

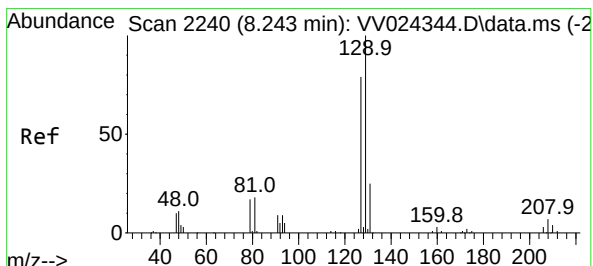
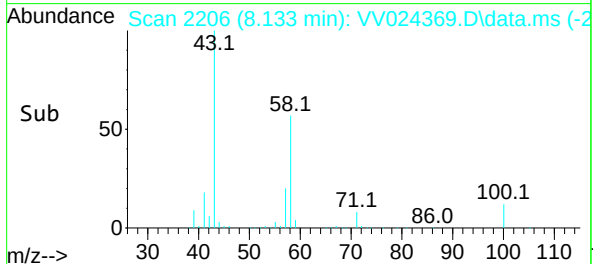
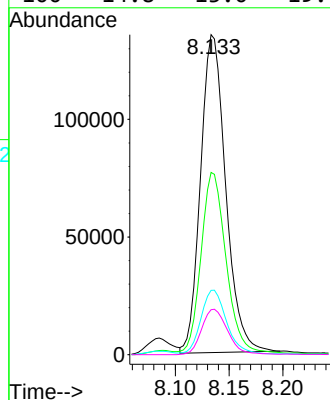
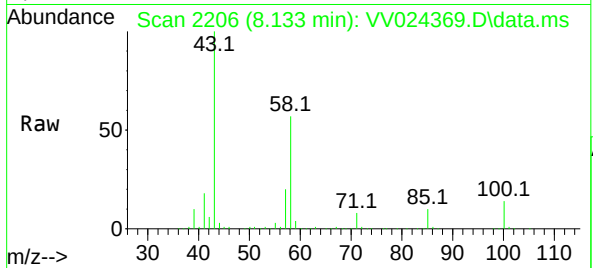




#48
2-Hexanone
Concen: 111.287 ug/L
RT: 8.133 min Scan# 219671
Delta R.T. -0.003 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

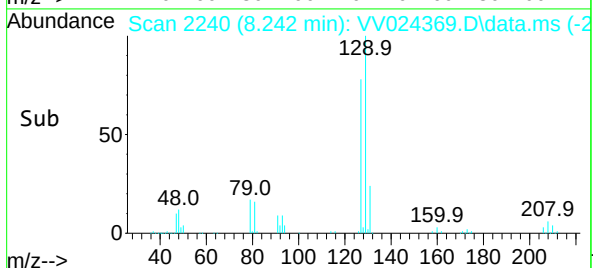
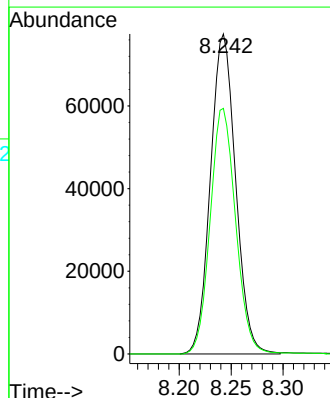
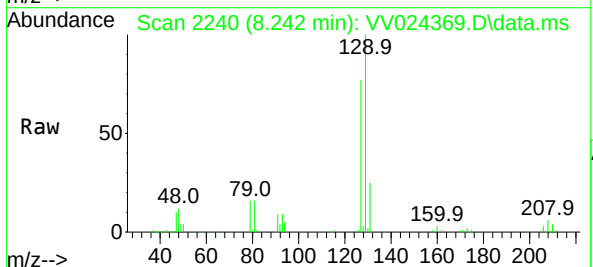
Instrument :
MSVOA_V
ClientSampleId :
BFB256

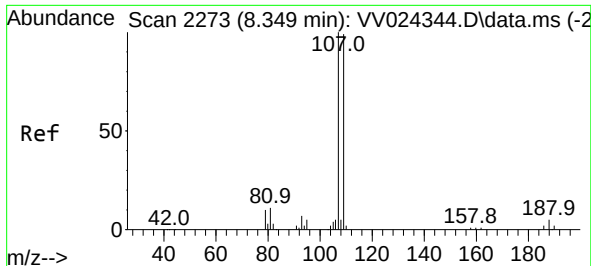
Tgt Ion: 43	Resp: 219671
Ion Ratio	Lower Upper
43 100	
58 56.8	45.0 67.4
57 20.3	16.9 25.3
100 14.8	13.0 19.4



#49
Dibromochloromethane
Concen: 49.292 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

Tgt Ion:129	Resp: 130543		
Ion Ratio	Lower	Upper	
129 100			
127 76.7	53.7	99.7	





#50

1,2-Dibromoethane

Concen: 51.524 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024369.D

Acq: 17 Jan 2022 10:22

Instrument :

MSVOA_V

ClientSampleId :

BFB256

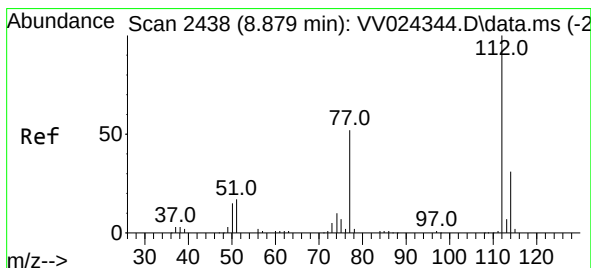
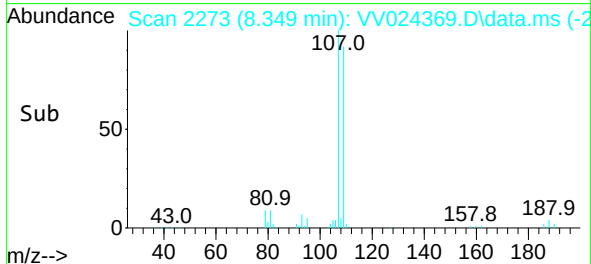
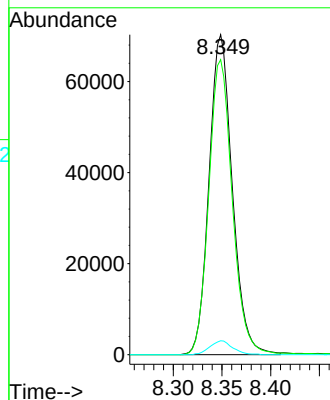
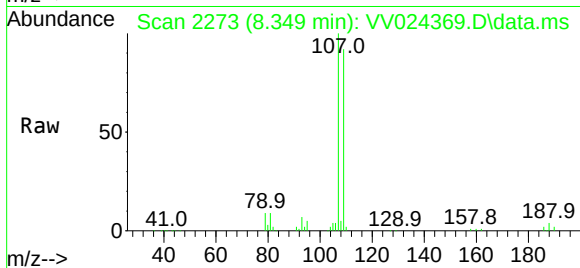
Tgt Ion:107 Resp: 116924

Ion Ratio Lower Upper

107 100

109 92.2 65.8 122.2

188 4.3 3.8 5.6



#51

Chlorobenzene

Concen: 50.263 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.003 min

Lab File: VV024369.D

Acq: 17 Jan 2022 10:22

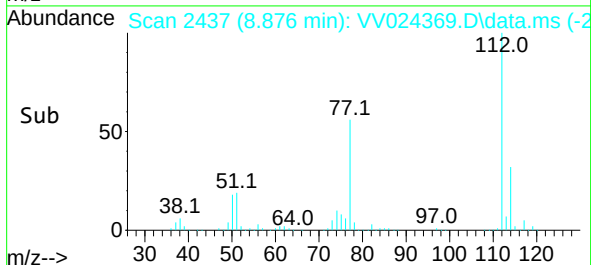
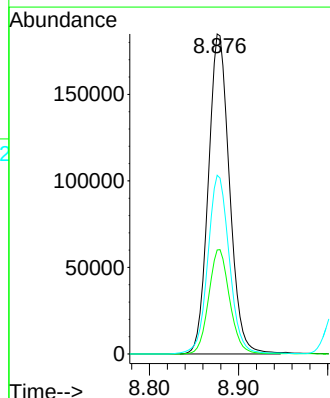
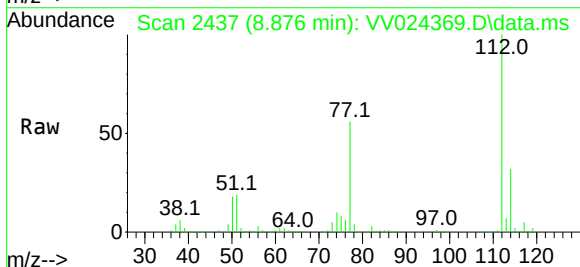
Tgt Ion:112 Resp: 304501

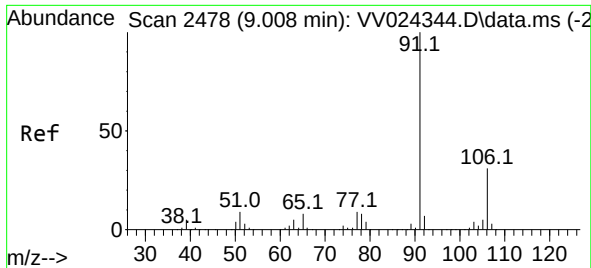
Ion Ratio Lower Upper

112 100

114 32.5 22.3 41.5

77 55.9 42.8 64.2

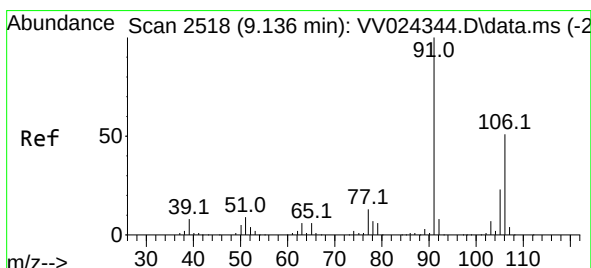
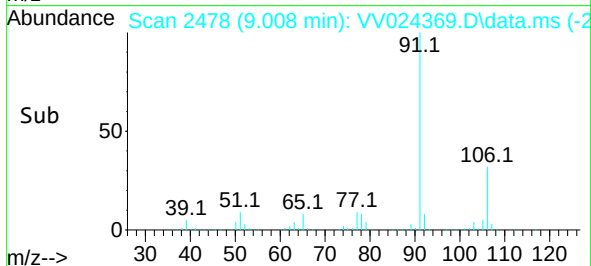
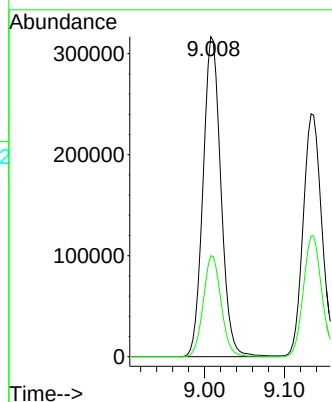
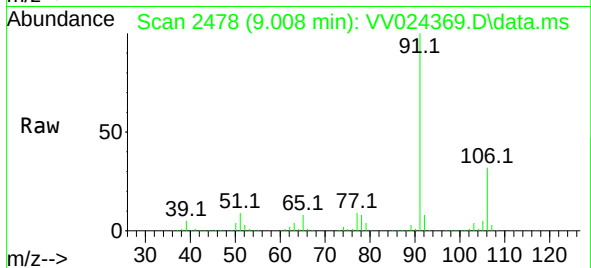




#52
Ethylbenzene
Concen: 51.345 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.003 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

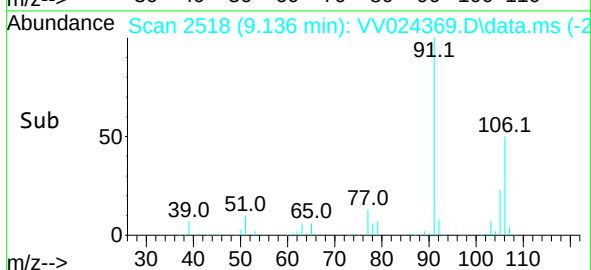
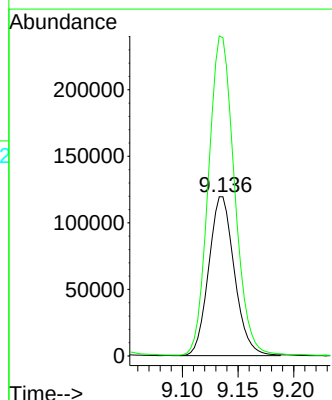
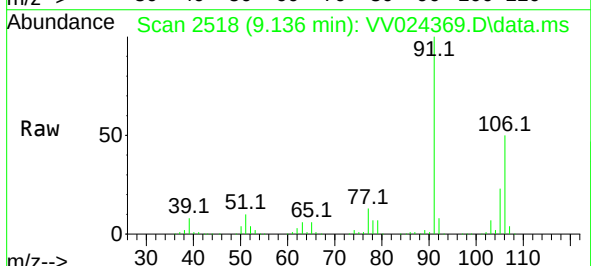
Instrument :
MSVOA_V
ClientSampleId :
BFB256

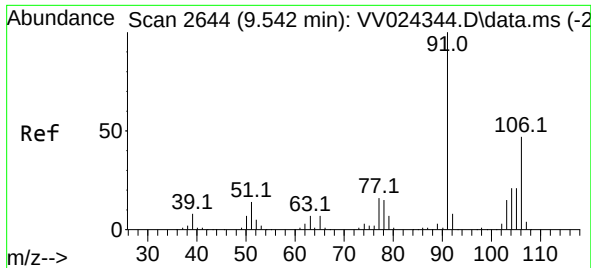
Tgt Ion: 91 Resp: 493378
Ion Ratio Lower Upper
91 100
106 31.6 22.0 41.0



#53
m,p-Xylene
Concen: 49.854 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

Tgt Ion:106 Resp: 192017
Ion Ratio Lower Upper
106 100
91 199.9 141.8 263.4

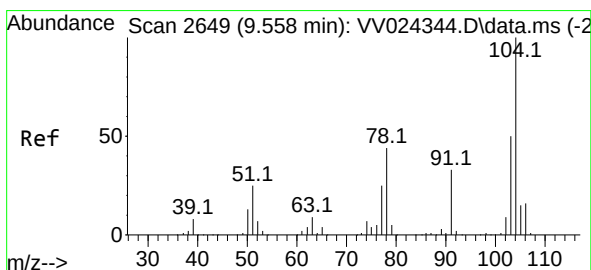
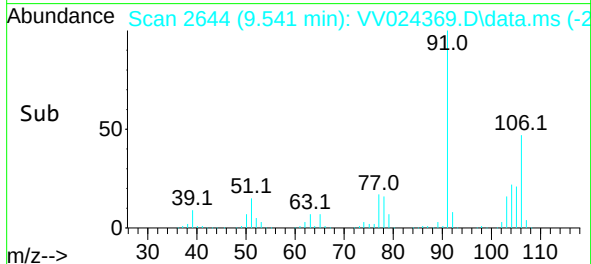
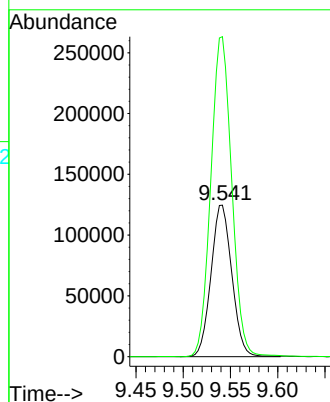
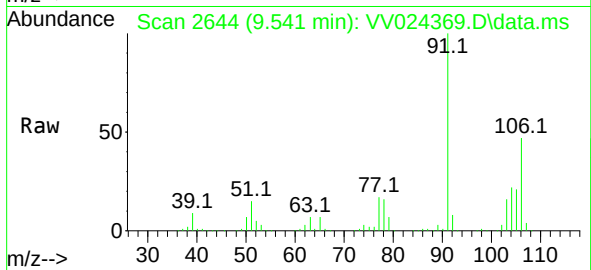




#54
o-Xylene
Concen: 51.894 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

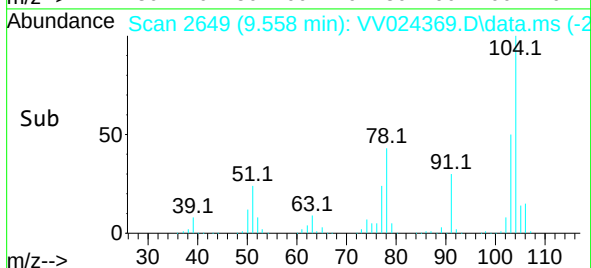
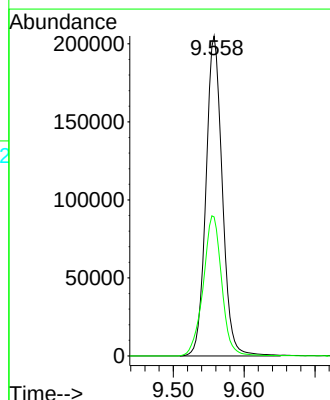
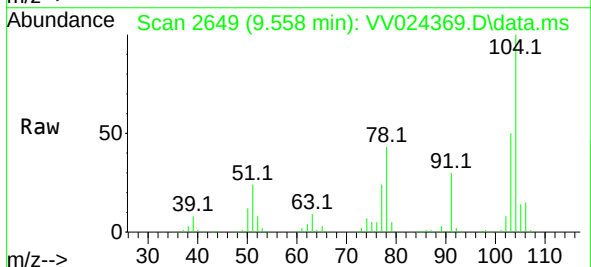
Instrument : MSVOA_V
ClientSampleId : BFB256

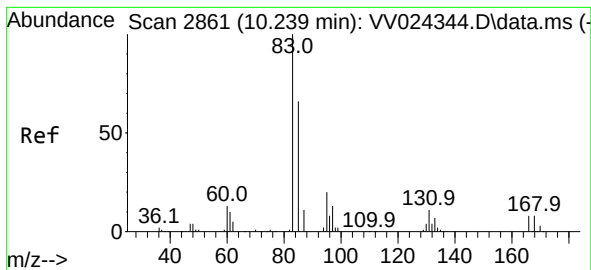
Tgt Ion:106 Resp: 190798
Ion Ratio Lower Upper
106 100
91 211.2 150.9 280.3



#55
Styrene
Concen: 51.489 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

Tgt Ion:104 Resp: 328753
Ion Ratio Lower Upper
104 100
78 43.4 31.5 58.5

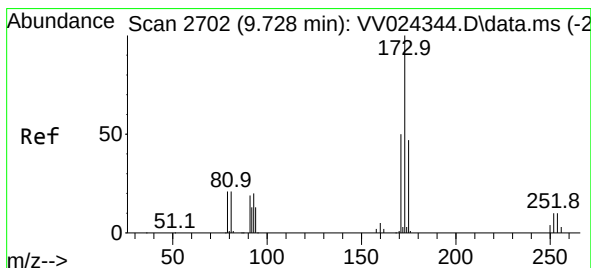
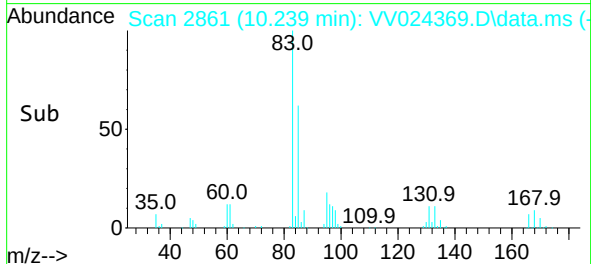
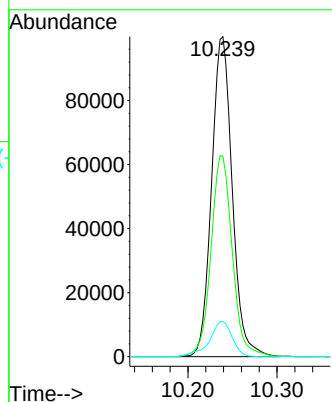
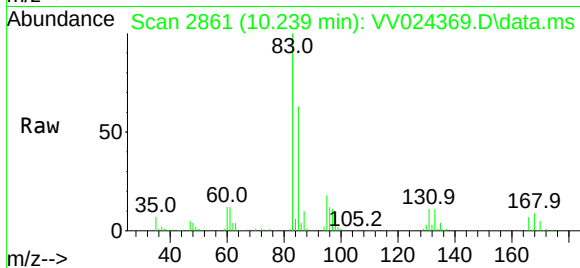




#57
 1,1,2,2-Tetrachloroethane
 Concen: 52.081 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV024369.D
 Acq: 17 Jan 2022 10:22

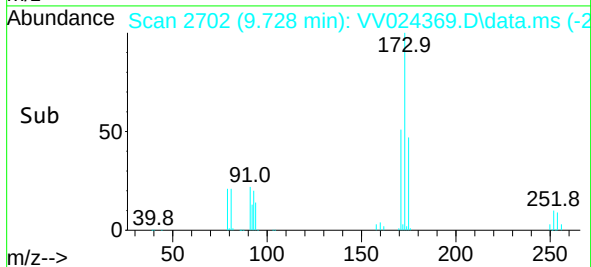
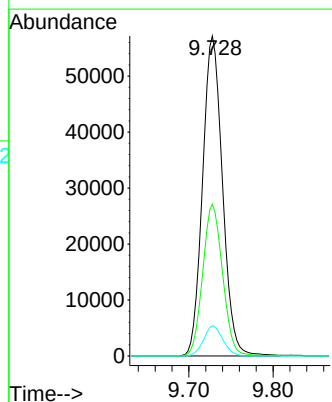
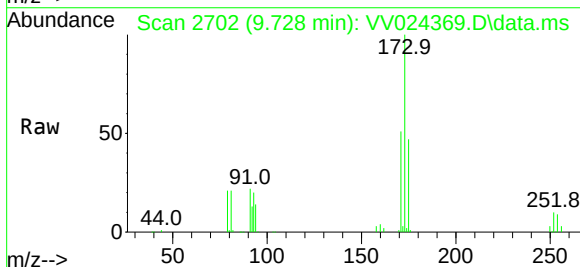
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB256

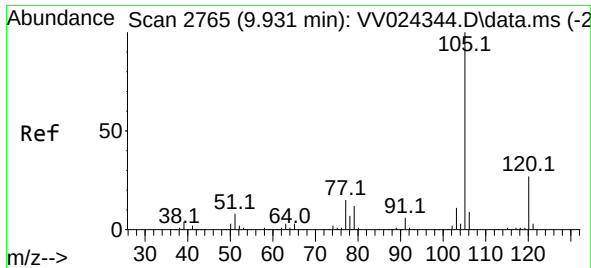
Tgt Ion: 83 Resp: 160677
 Ion Ratio Lower Upper
 83 100
 85 62.6 44.5 82.7
 131 11.0 9.2 13.8



#59
 Bromoform
 Concen: 48.002 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV024369.D
 Acq: 17 Jan 2022 10:22

Tgt Ion: 173 Resp: 94128
 Ion Ratio Lower Upper
 173 100
 175 47.0 39.4 59.2
 254 9.1 7.8 11.6

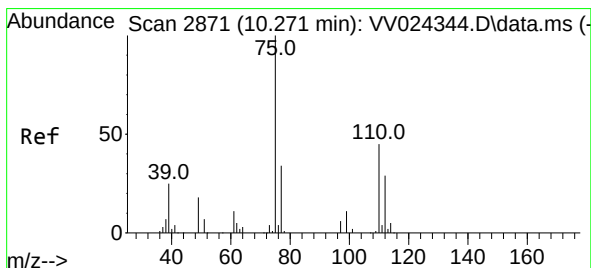
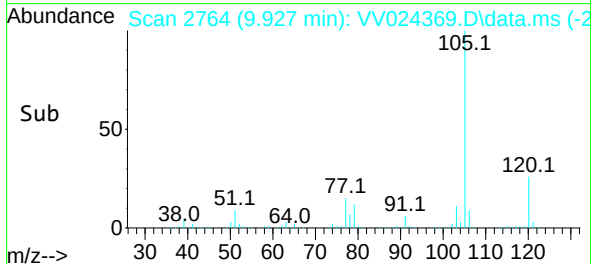
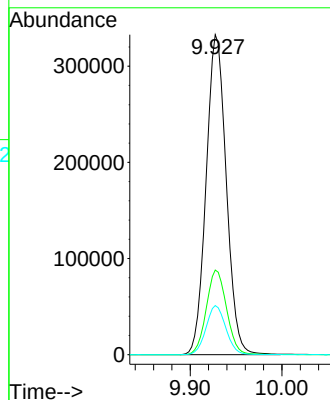
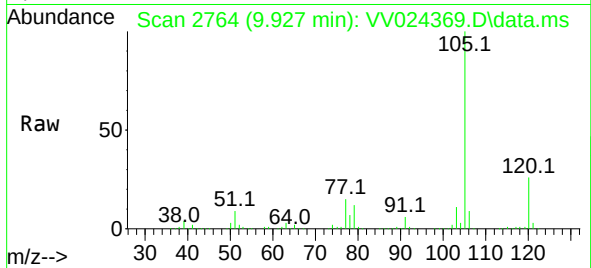




#60
Isopropylbenzene
Concen: 53.477 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

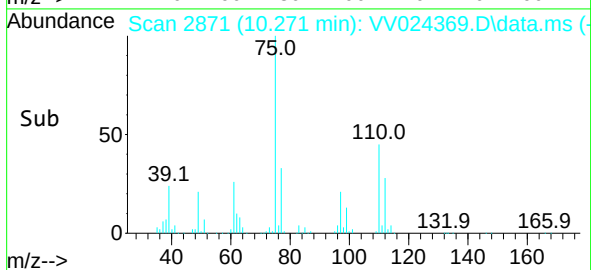
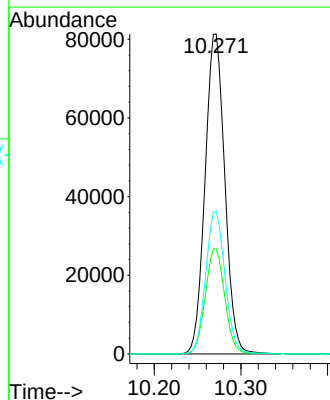
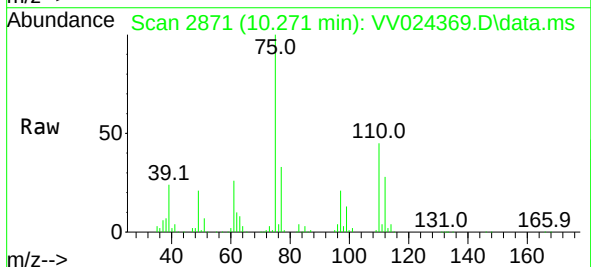
Instrument :
MSVOA_V
ClientSampleId :
BFB256

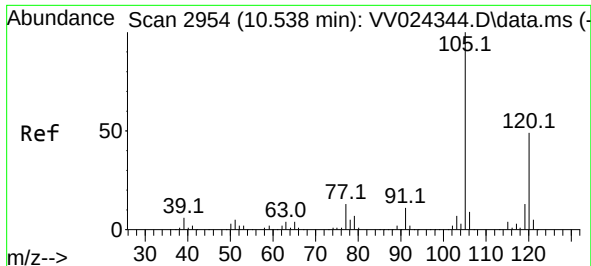
Tgt Ion:105 Resp: 508884
Ion Ratio Lower Upper
105 100
120 26.6 21.9 32.9
77 15.1 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 50.994 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

Tgt Ion: 75 Resp: 128769
Ion Ratio Lower Upper
75 100
77 32.5 26.9 40.3
110 43.8 37.1 55.7





#62

1,3,5-Trimethylbenzene

Concen: 52.985 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV024369.D

Acq: 17 Jan 2022 10:22

Instrument :

MSVOA_V

ClientSampleId :

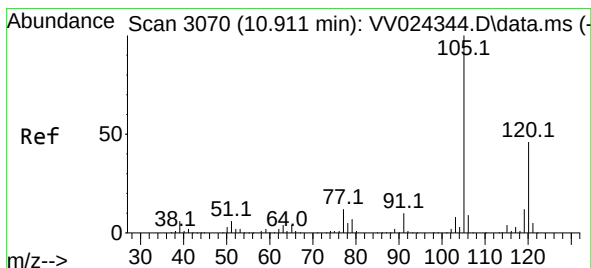
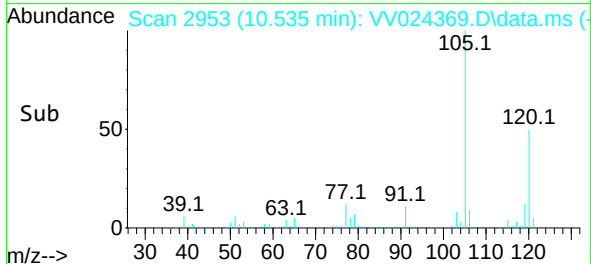
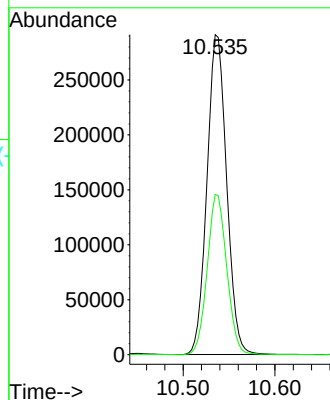
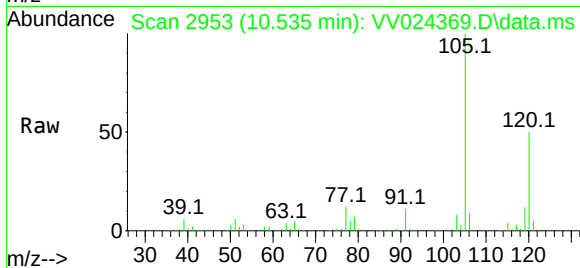
BFB256

Tgt Ion:105 Resp: 433706

Ion Ratio Lower Upper

105 100

120 49.7 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 54.038 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024369.D

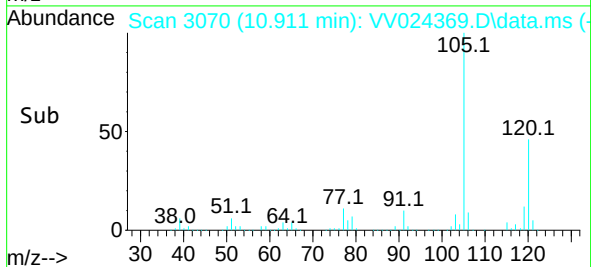
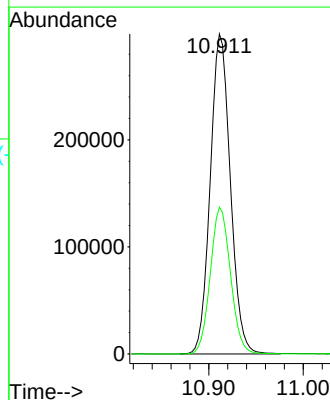
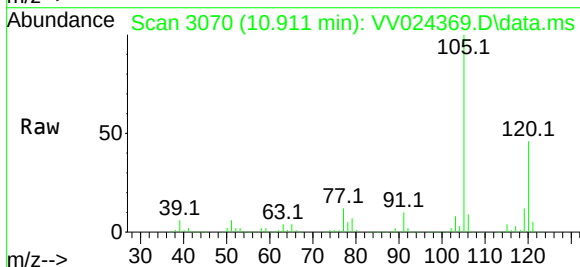
Acq: 17 Jan 2022 10:22

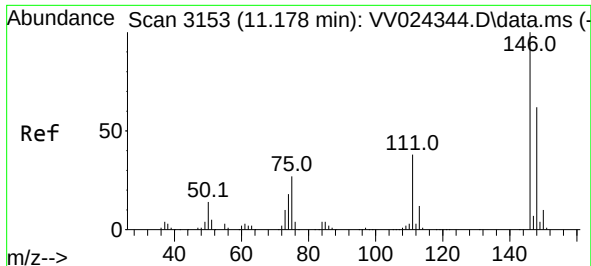
Tgt Ion:105 Resp: 441596

Ion Ratio Lower Upper

105 100

120 46.1 36.6 55.0

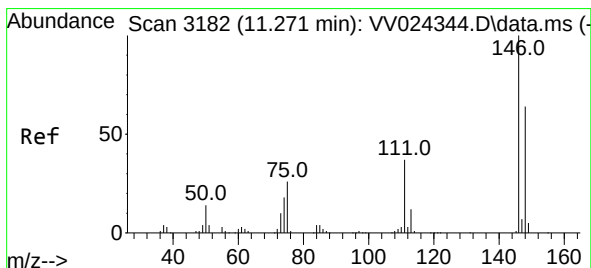
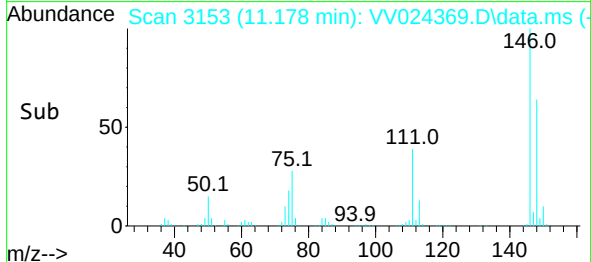
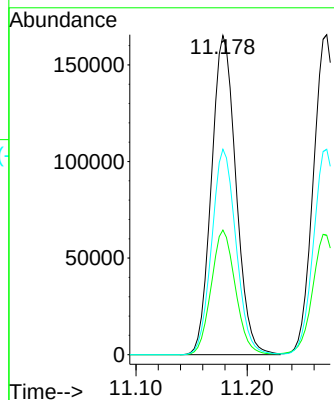
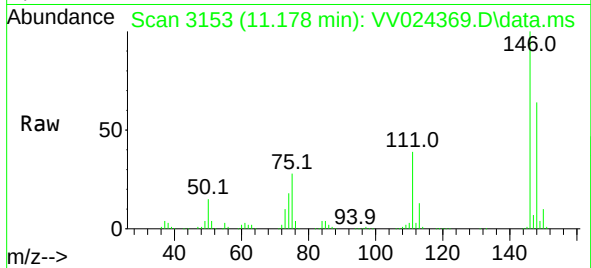




#64
1,3-Dichlorobenzene
Concen: 51.435 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

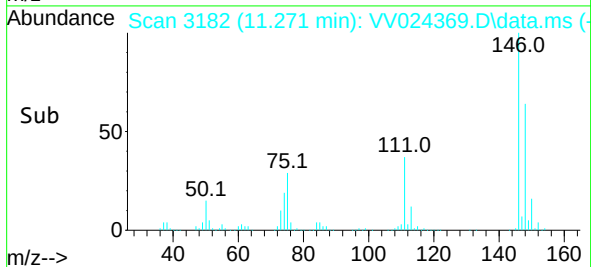
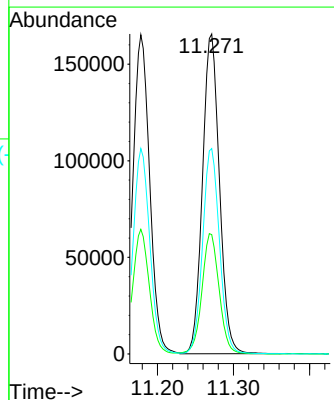
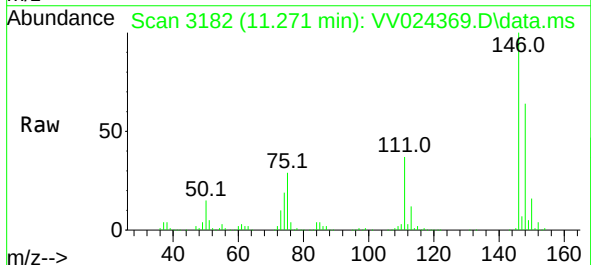
Instrument :
MSVOA_V
ClientSampleId :
BFB256

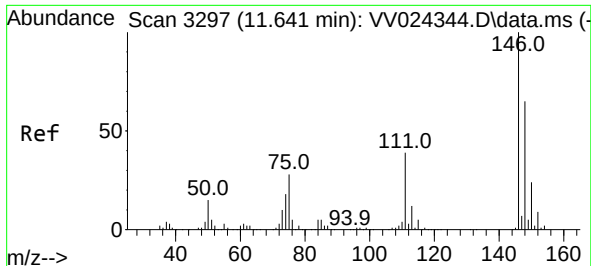
Tgt Ion:146 Resp: 252365
Ion Ratio Lower Upper
146 100
111 39.1 26.5 49.3
148 64.4 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 50.721 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

Tgt Ion:146 Resp: 256645
Ion Ratio Lower Upper
146 100
111 37.3 26.5 49.3
148 64.2 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 50.108 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV024369.D

Acq: 17 Jan 2022 10:22

Instrument :

MSVOA_V

ClientSampleId :

BFB256

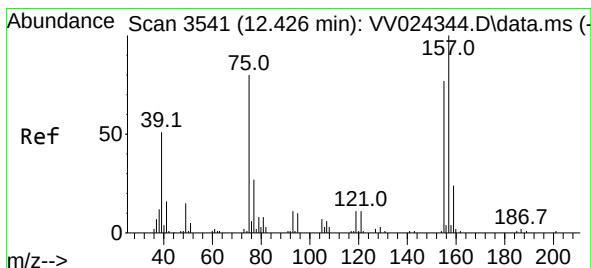
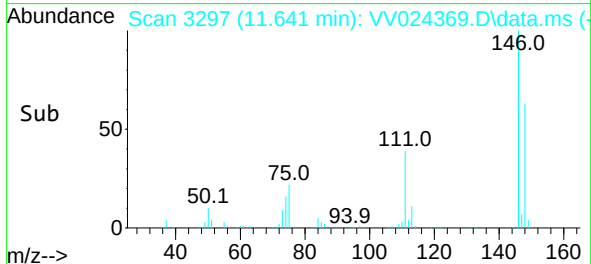
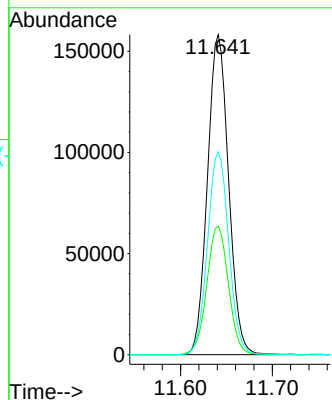
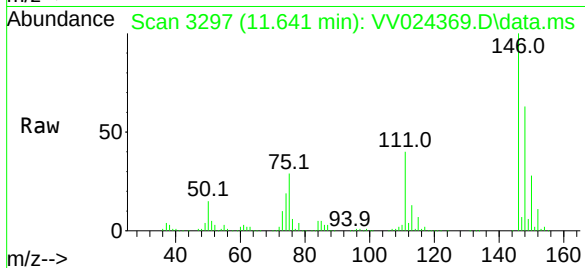
Tgt Ion:146 Resp: 253385

Ion Ratio Lower Upper

146 100

111 40.2 32.0 48.0

148 63.4 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 45.907 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV024369.D

Acq: 17 Jan 2022 10:22

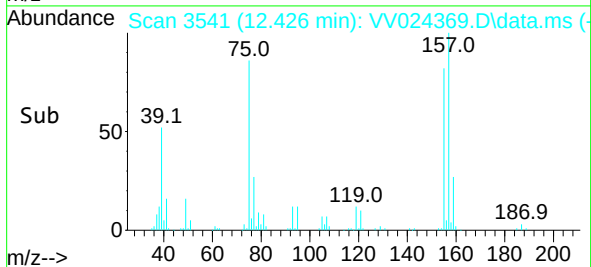
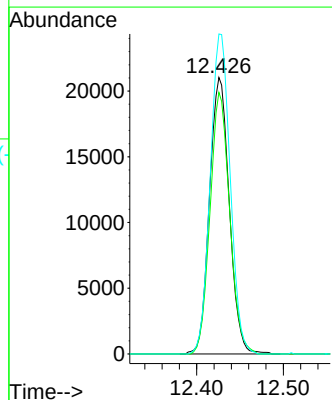
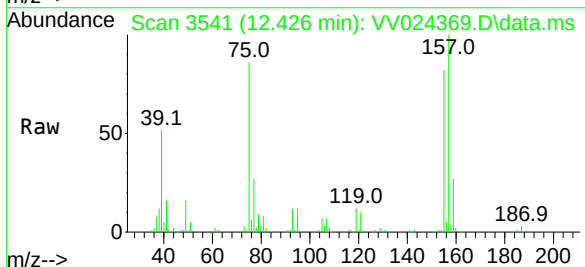
Tgt Ion: 75 Resp: 33387

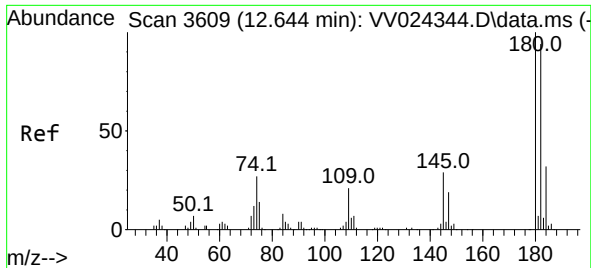
Ion Ratio Lower Upper

75 100

155 94.6 73.2 109.8

157 115.7 98.5 147.7

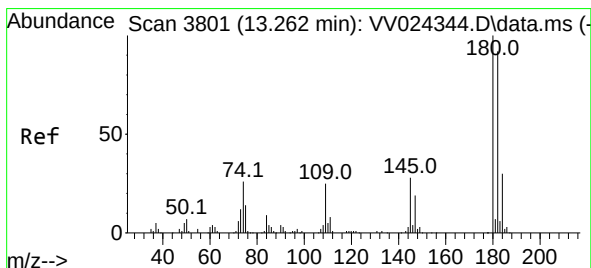
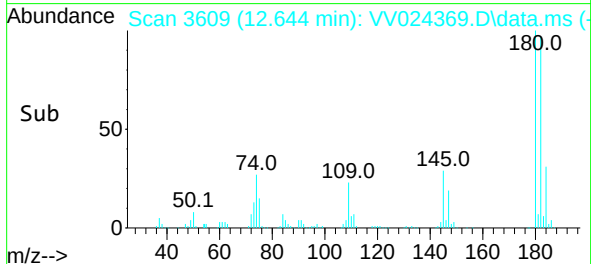
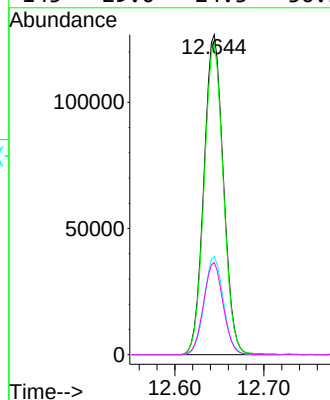
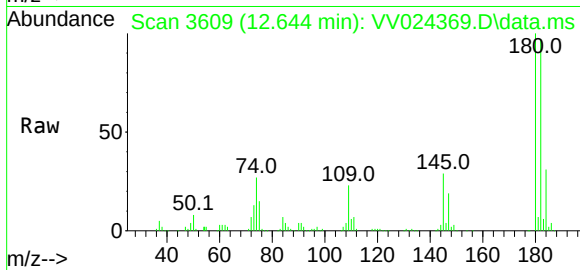




#69
 1,3,5-Trichlorobenzene
 Concen: 51.116 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV024369.D
 Acq: 17 Jan 2022 10:22

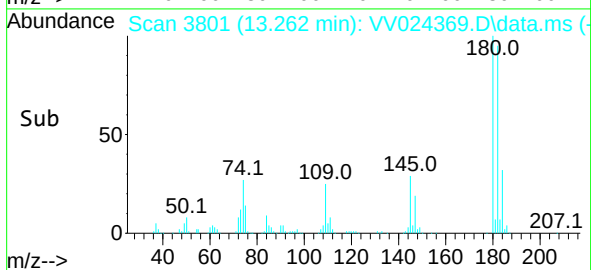
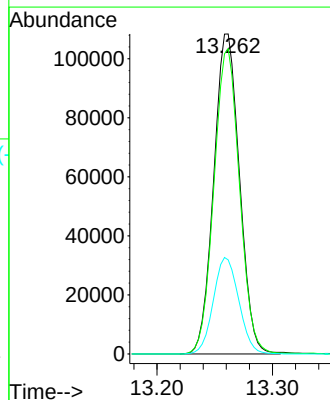
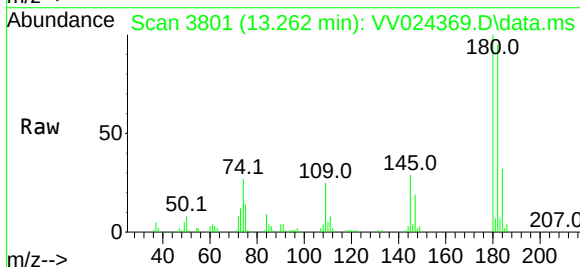
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB256

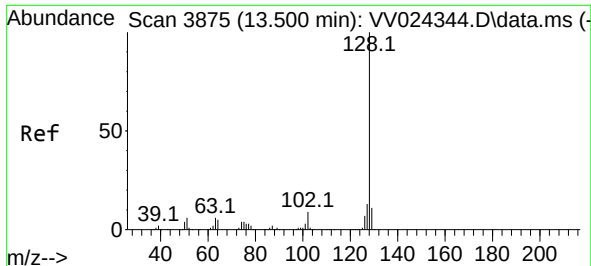
Tgt Ion:180 Resp: 192912
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.4 113.2
 184 30.1 24.7 37.1
 145 29.0 24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 51.953 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV024369.D
 Acq: 17 Jan 2022 10:22

Tgt Ion:180 Resp: 167685
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.6 113.4
 145 29.8 23.9 35.9

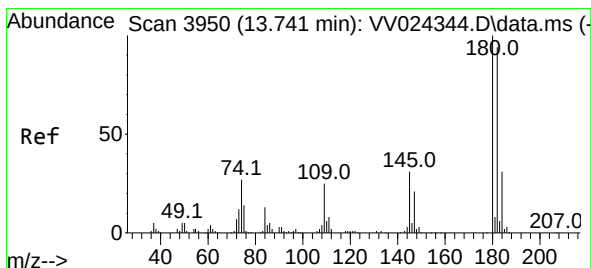
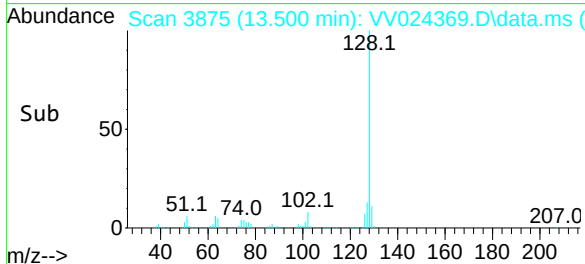
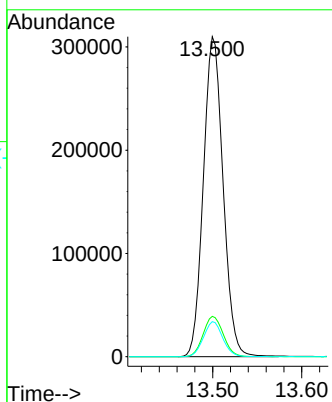
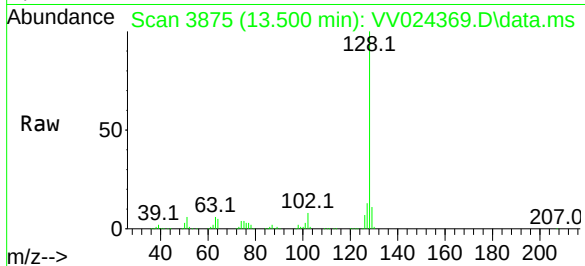




#71
Naphthalene
Concen: 50.994 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

Instrument :
MSVOA_V
ClientSampleId :
BFB256

Tgt Ion:128 Resp: 476188
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 50.194 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.003 min
Lab File: VV024369.D
Acq: 17 Jan 2022 10:22

Tgt Ion:180 Resp: 167441
Ion Ratio Lower Upper
180 100
182 94.4 76.1 114.1
145 31.6 25.0 37.4

