

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102321\
 Data File : VW023025.D
 Acq On : 23 Oct 2021 21:23
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 25 01:11:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	115065	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	88992	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	47183	4.693	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.800%	
7) Chloroethane-d5	1.568	69	31533	5.070	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.400%	
11) 1,1-Dichloroethene-d2	2.108	63	73974	5.100	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	102.000%	
20) 2-Butanone-d5	3.892	46	111827	69.333	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	=	138.660%#	
24) Chloroform-d	4.352	84	83649	5.117	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
26) 1,2-Dichloroethane-d4	5.034	65	41409	5.374	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.400%	
32) Benzene-d6	5.050	84	165824	6.382	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	127.600%#	
36) 1,2-Dichloropropane-d6	6.072	67	50626	6.330	ug/L	-0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	=	126.600%	
41) Toluene-d8	7.317	98	154300	6.612	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	132.200%#	
43) trans-1,3-Dichloroprop...	7.625	79	17174	6.129	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	122.600%	
46) 2-Hexanone-d5	8.092	63	86567	83.437	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	=	166.880%#	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29798	5.396	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	55848	5.133	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	38389	5.259	ug/L	100
3) Chloromethane	1.240	50	41026	5.200	ug/L	97
5) Vinyl chloride	1.307	62	41875	5.139	ug/L	99
6) Bromomethane	1.519	94	17544	4.261	ug/L	98
8) Chloroethane	1.584	64	22103	5.187	ug/L	98
9) Trichlorofluoromethane	1.751	101	59038	5.368	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	35790	5.707	ug/L	99
12) 1,1-Dichloroethene	2.118	96	31624	5.368	ug/L	95
13) Acetone	2.182	43	62424	78.886	ug/L	88
14) Carbon disulfide	2.291	76	93893	5.852	ug/L	99
15) Methyl Acetate	2.439	43	17220	5.720	ug/L	91
16) Methylene chloride	2.507	84	54389	8.406	ug/L	92
17) Methyl tert-butyl Ether	2.767	73	82655	5.877	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	37246	5.922	ug/L	98
19) 1,1-Dichloroethane	3.188	63	72552	6.279	ug/L	96
21) 2-Butanone	3.979	43	101680	65.635	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	39700	5.567	ug/L #	89
23) Bromochloromethane	4.252	128	20881	6.451	ug/L #	82
25) Chloroform	4.378	83	76772	5.028	ug/L	96

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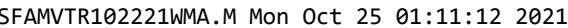
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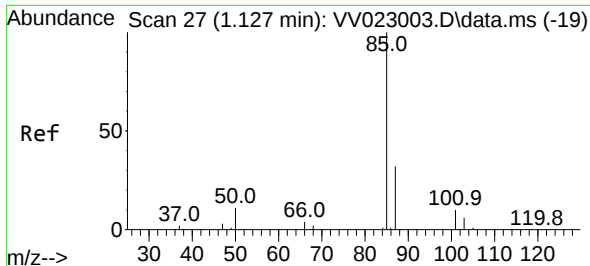
Quant Time: Oct 25 01:11:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	42082	5.226	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	62295	6.195	ug/L	99
30) Cyclohexane	4.680	56	51124	5.823	ug/L	98
31) Carbon tetrachloride	4.828	117	55747	6.442	ug/L	99
33) Benzene	5.101	78	155335	6.486	ug/L	100
34) Trichloroethene	5.915	95	37989	6.315	ug/L	97
35) Methylcyclohexane	6.130	83	54273	6.300	ug/L	97
37) 1,2-Dichloropropane	6.175	63	41585	6.889	ug/L	97
38) Bromodichloromethane	6.513	83	50204	6.743	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	43793	5.827	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	250514	88.157	ug/L	100
42) Toluene	7.391	91	163744	6.747	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	40303	6.482	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	31685	7.504	ug/L	98
47) Tetrachloroethene	7.976	164	31805	6.257	ug/L	99
48) 2-Hexanone	8.140	43	189108	89.648	ug/L	99
49) Dibromochloromethane	8.249	129	32673	6.503	ug/L	96
50) 1,2-Dibromoethane	8.355	107	26950	7.089	ug/L	99
51) Chlorobenzene	8.883	112	76299	4.786	ug/L	99
52) Ethylbenzene	9.014	91	116677	4.844	ug/L	99
53) m,p-xylene	9.140	106	46687	4.833	ug/L	99
54) o-xylene	9.545	106	44425	4.885	ug/L	99
55) Styrene	9.561	104	81020	5.159	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	25840	5.474	ug/L #	99
59) Bromoform	9.731	173	16357	4.603	ug/L #	98
60) Isopropylbenzene	9.934	105	120087	3.894	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	19563	4.558	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	98442	3.974	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	105574	4.270	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	78441	4.834	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	79409	4.817	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	79806	5.283	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5290	6.247	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	56163	4.544	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	43798	4.736	ug/L	98
71) Naphthalene	13.503	128	77238	5.493	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	43191	5.031	ug/L	99

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

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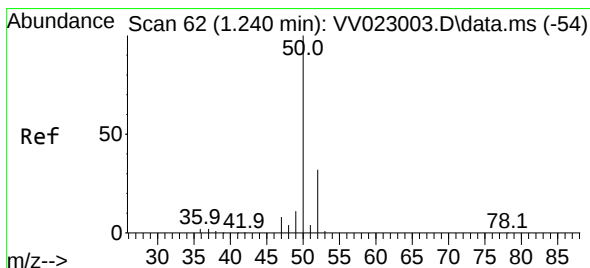
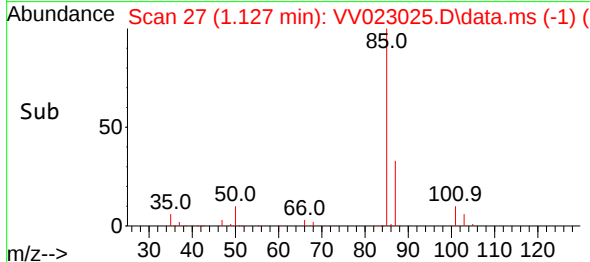
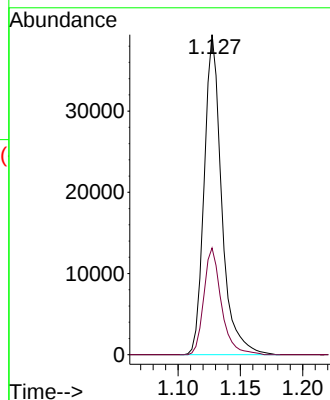
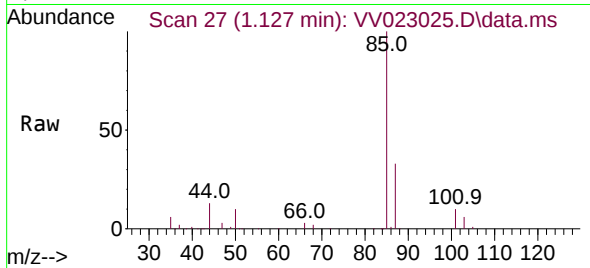




#2
 Dichlorodifluoromethane
 Concen: 5.259 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023025.D
 Acq: 23 Oct 2021 21:23

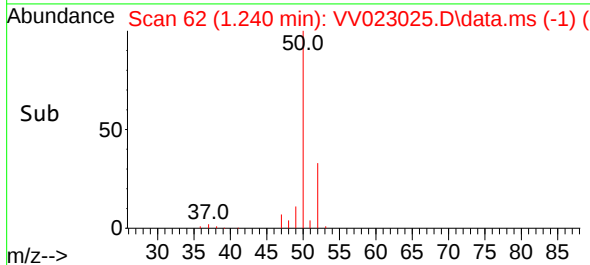
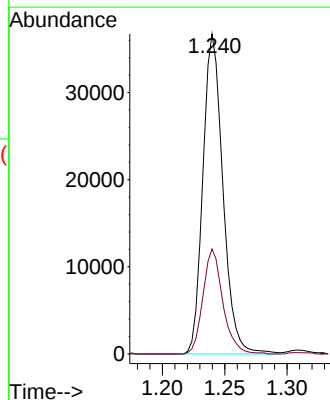
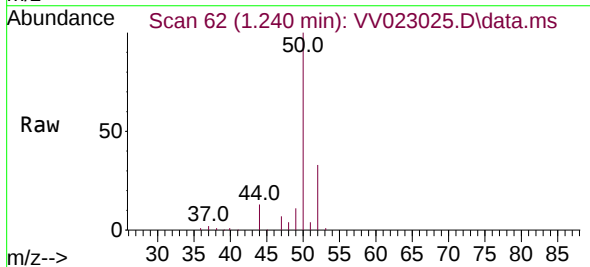
Instrument :
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 ClientSampleId :

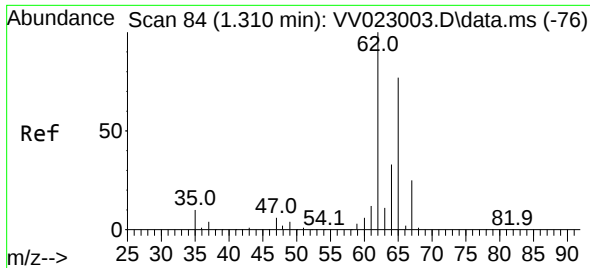
Tgt Ion: 85 Resp: 38389
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.6 39.8



#3
 Chloromethane
 Concen: 5.200 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023025.D
 Acq: 23 Oct 2021 21:23

Tgt Ion: 50 Resp: 41026
 Ion Ratio Lower Upper
 50 100
 52 32.8 24.3 45.1

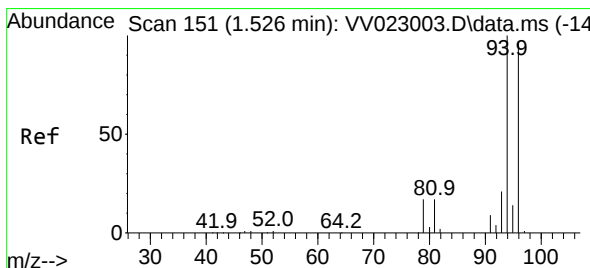
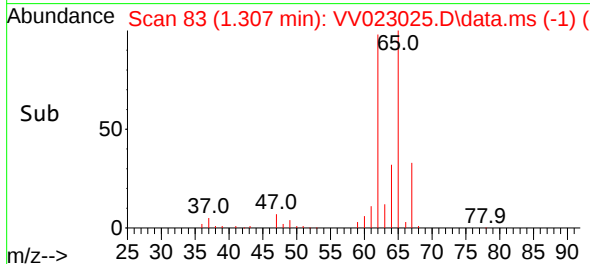
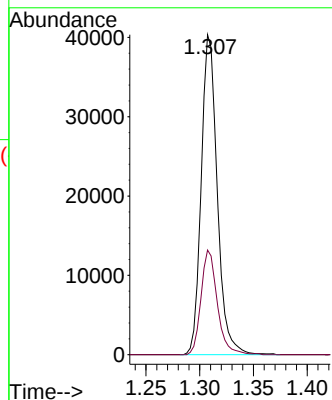
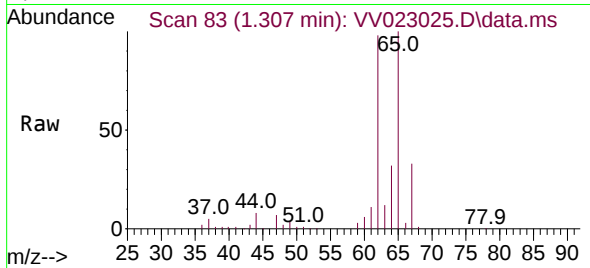




#5
 Vinyl chloride
 Concen: 5.139 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV023025.D
 Acq: 23 Oct 2021 21:23

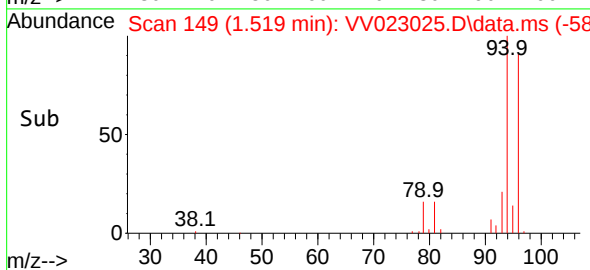
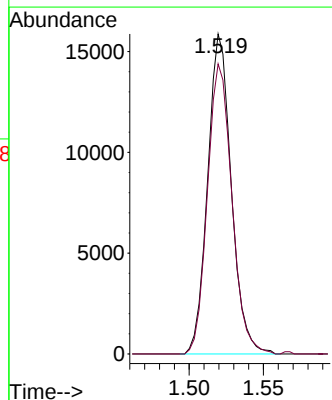
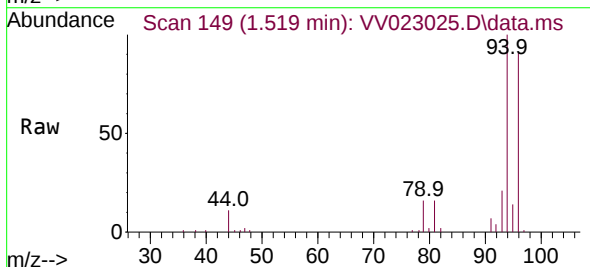
Instrument :
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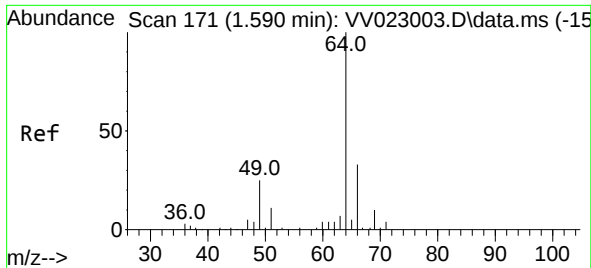
Tgt Ion: 62 Resp: 41875
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.1 42.9



#6
 Bromomethane
 Concen: 4.261 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.006 min
 Lab File: VV023025.D
 Acq: 23 Oct 2021 21:23

Tgt Ion: 94 Resp: 17544
 Ion Ratio Lower Upper
 94 100
 96 90.7 65.0 120.8

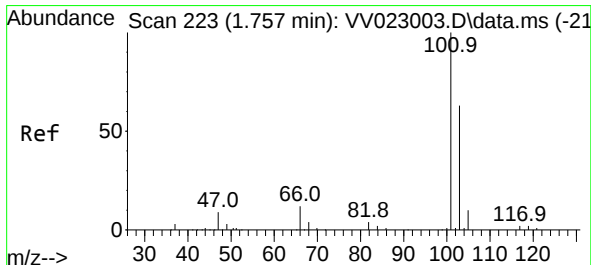
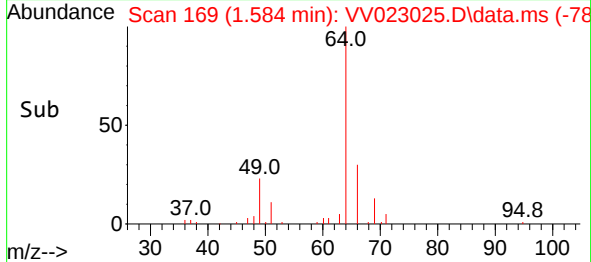
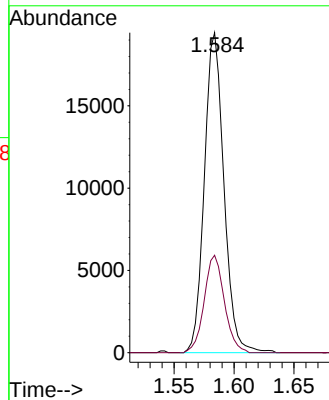
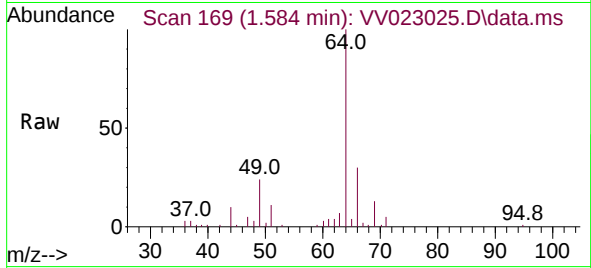




#8
Chloroethane
Concen: 5.187 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.006 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

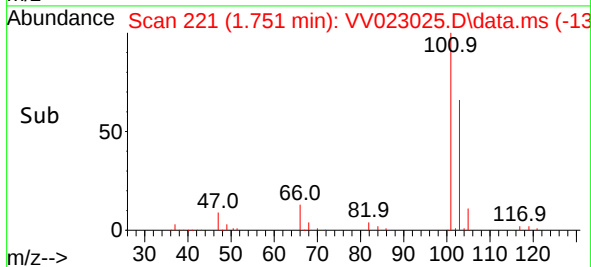
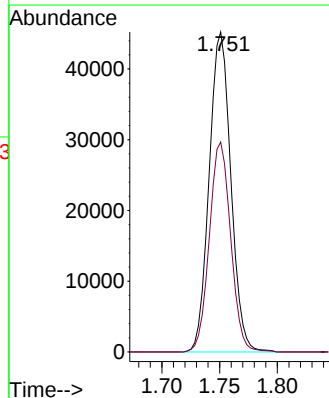
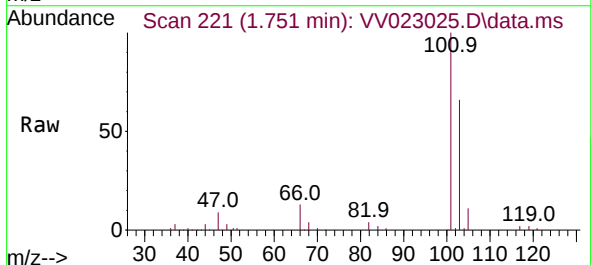
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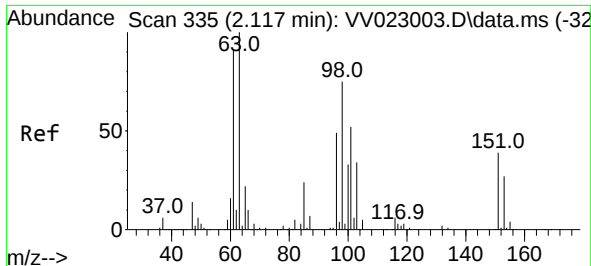
Tgt Ion: 64 Resp: 22103
Ion Ratio Lower Upper
64 100
66 30.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.368 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.006 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

Tgt Ion:101 Resp: 59038
Ion Ratio Lower Upper
101 100
103 64.6 52.6 79.0

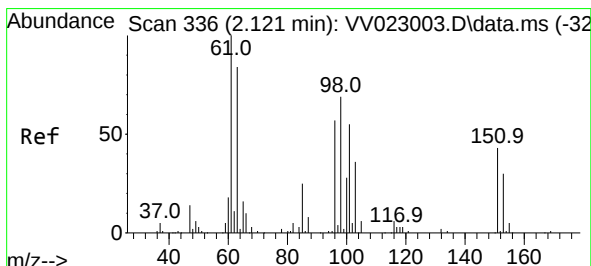
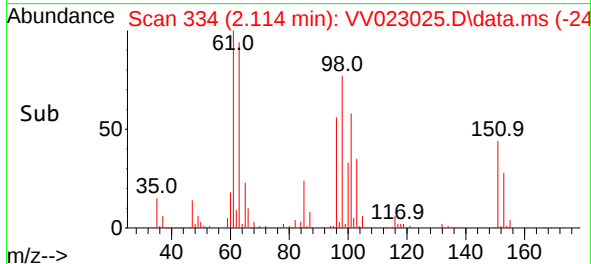
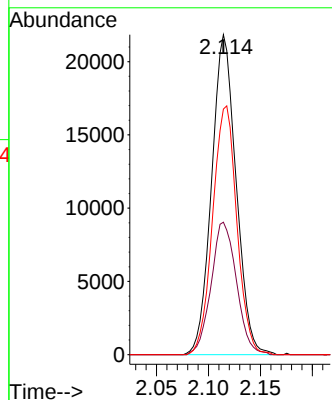
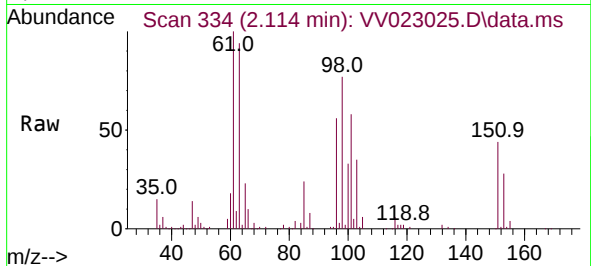




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.707 ug/L
RT: 2.114 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

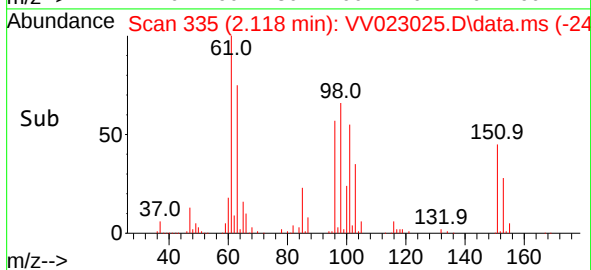
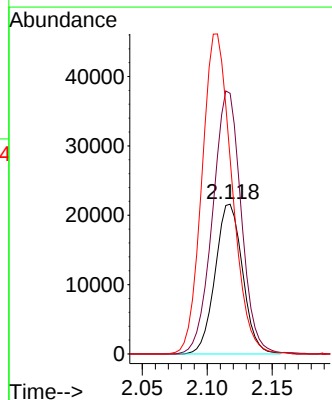
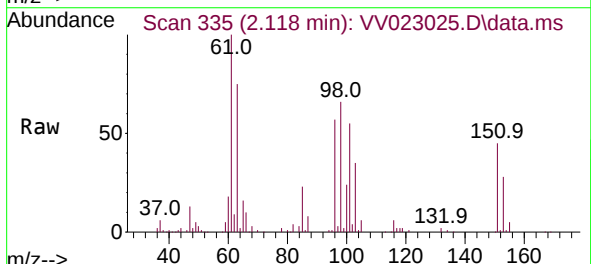
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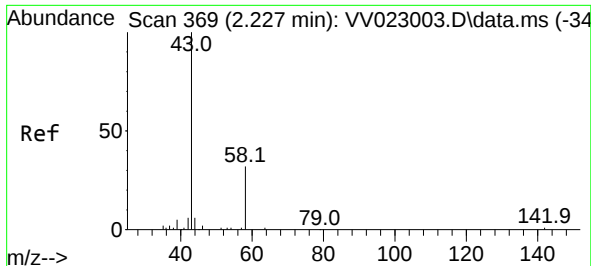
Tgt Ion:101 Resp: 35790
Ion Ratio Lower Upper
101 100
85 42.9 35.3 52.9
151 76.8 62.2 93.2



#12
1,1-Dichloroethene
Concen: 5.368 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

Tgt Ion: 96 Resp: 31624
Ion Ratio Lower Upper
96 100
61 174.0 121.5 225.7
63 130.5 99.6 185.0





#13

Acetone

Concen: 78.886 ug/L

RT: 2.182 min Scan# 3

Delta R.T. -0.045 min

Lab File: VV023025.D

Acq: 23 Oct 2021 21:23

Instrument :

MSVOA_V

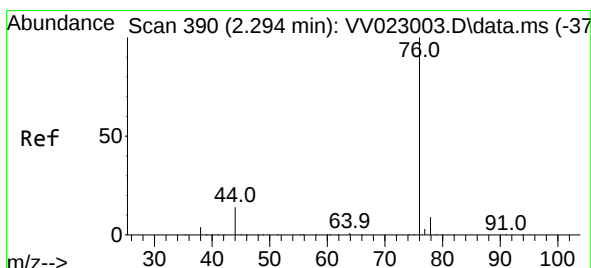
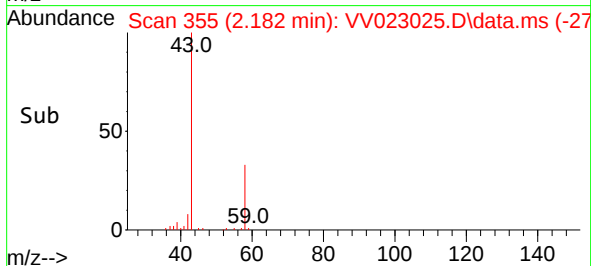
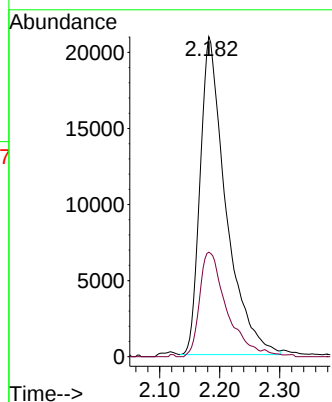
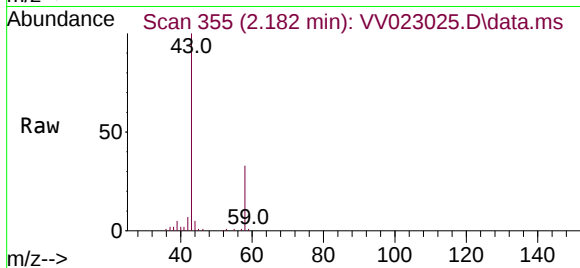
ClientSampleId :

Tgt Ion: 43 Resp: 62424

Ion Ratio Lower Upper

43 100

58 34.1 0.0 55.4



#14

Carbon disulfide

Concen: 5.852 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV023025.D

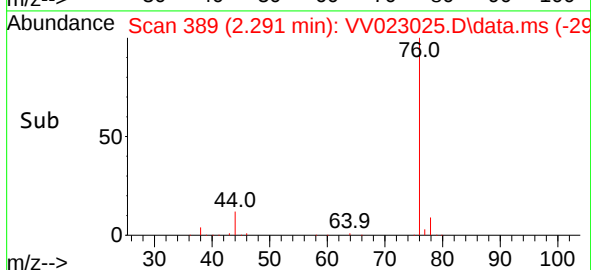
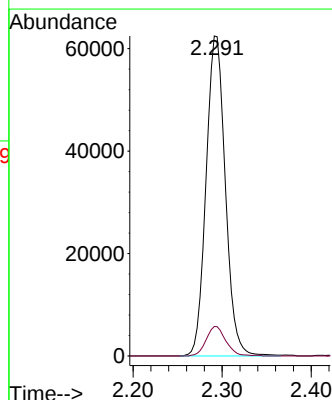
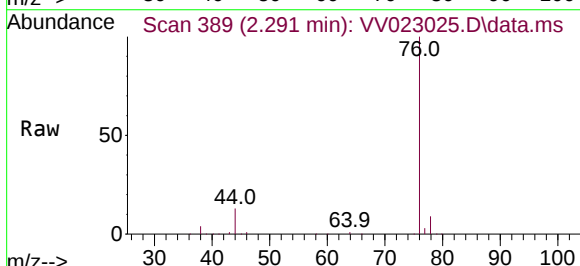
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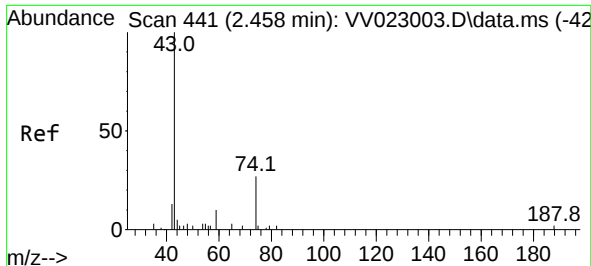
Tgt Ion: 76 Resp: 93893

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

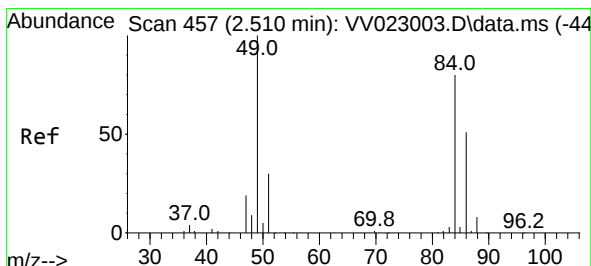
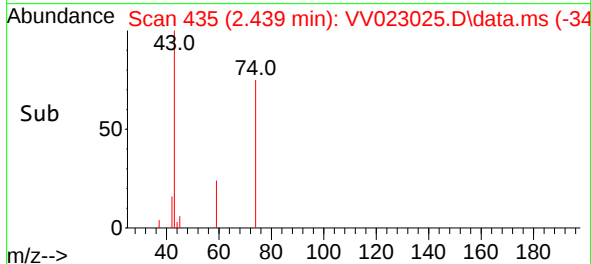
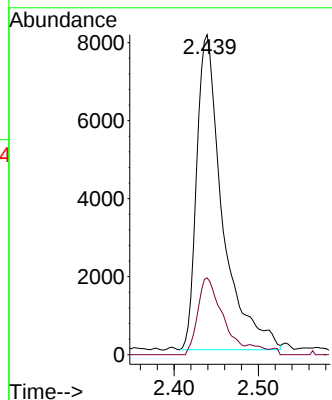
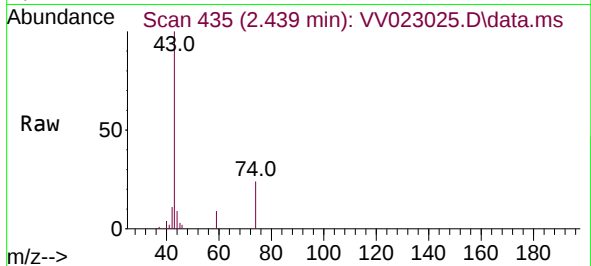




#15
Methyl Acetate
Concen: 5.720 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.019 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

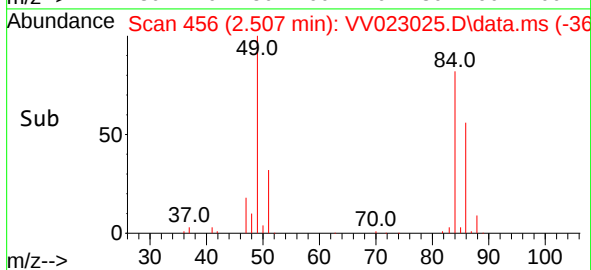
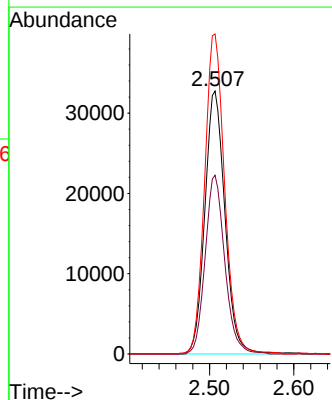
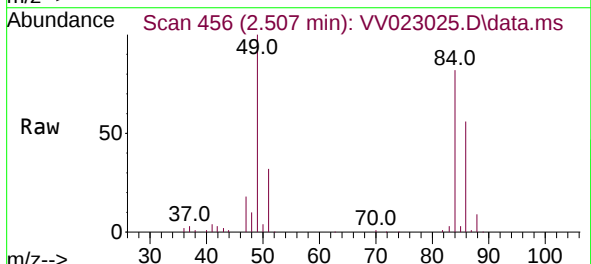
Instrument :
MSVOA_V
ClientSampleId :

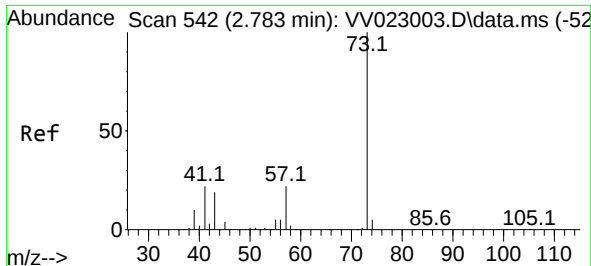
Tgt Ion: 43 Resp: 17220
Ion Ratio Lower Upper
43 100
74 23.1 22.2 33.2



#16
Methylene chloride
Concen: 8.406 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

Tgt Ion: 84 Resp: 54389
Ion Ratio Lower Upper
84 100
86 68.0 42.3 78.5
49 121.7 79.7 148.1





#17

Methyl tert-butyl Ether

Concen: 5.877 ug/L

RT: 2.767 min Scan# 51

Delta R.T. -0.016 min

Lab File: VV023025.D

Acq: 23 Oct 2021 21:23

Instrument :

MSVOA_V

ClientSampleId :

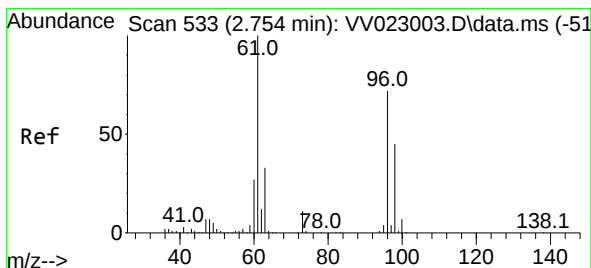
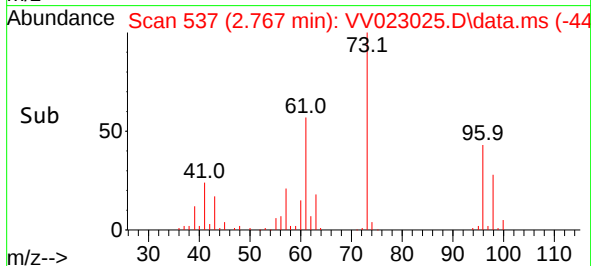
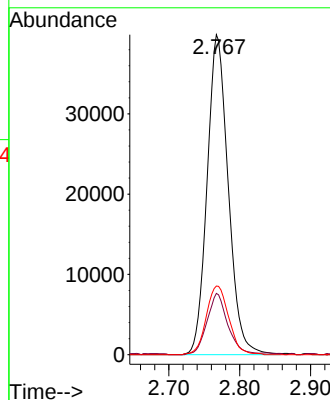
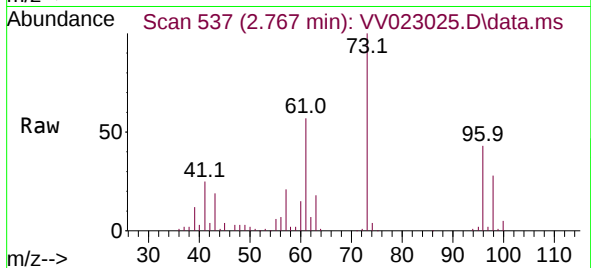
Tgt Ion: 73 Resp: 82655

Ion Ratio Lower Upper

73 100

43 18.9 17.4 26.0

57 22.8 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 5.922 ug/L

RT: 2.761 min Scan# 535

Delta R.T. 0.007 min

Lab File: VV023025.D

Acq: 23 Oct 2021 21:23

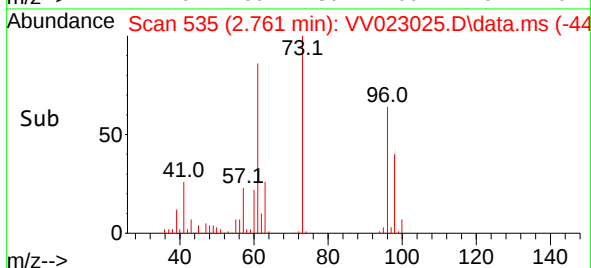
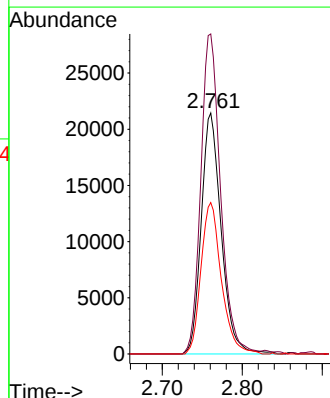
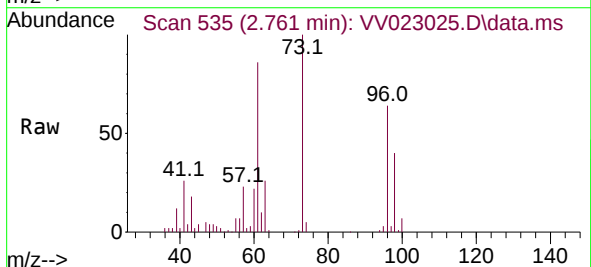
Tgt Ion: 96 Resp: 37246

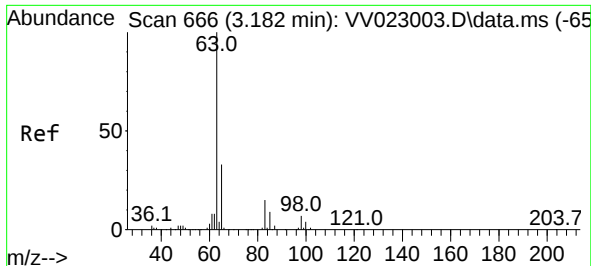
Ion Ratio Lower Upper

96 100

61 132.8 93.2 173.2

98 62.8 47.0 87.2

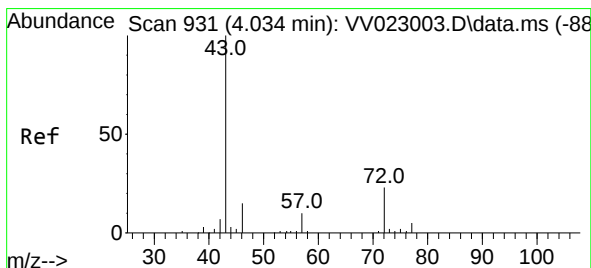
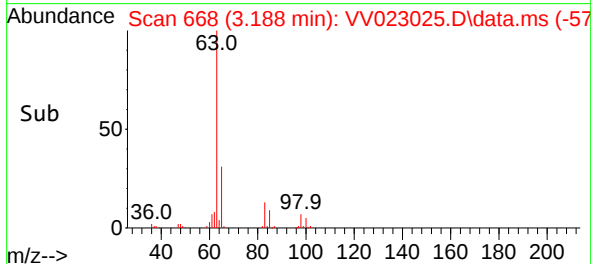
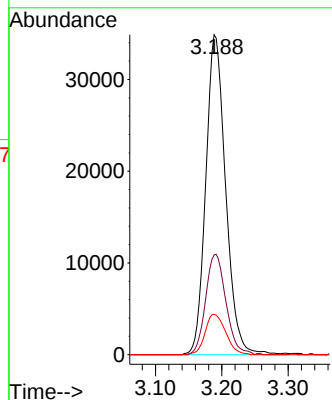
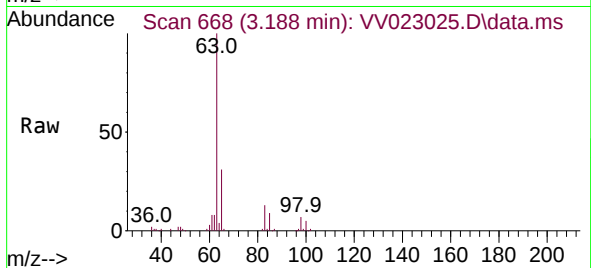




#19
1,1-Dichloroethane
Concen: 6.279 ug/L
RT: 3.188 min Scan# 60
Delta R.T. 0.007 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

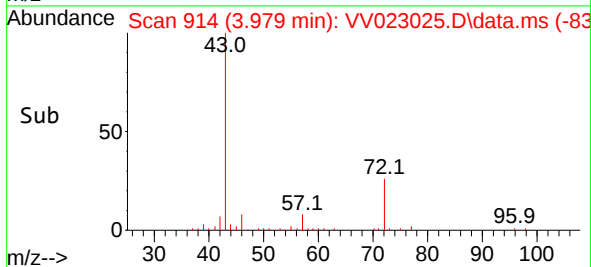
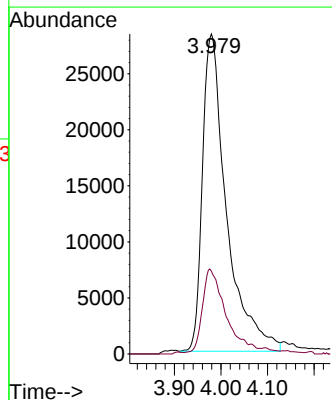
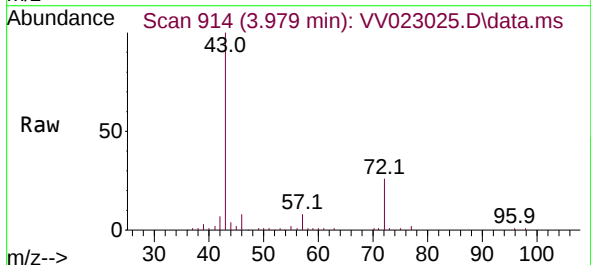
Instrument :
MSVOA_V
ClientSampleId :

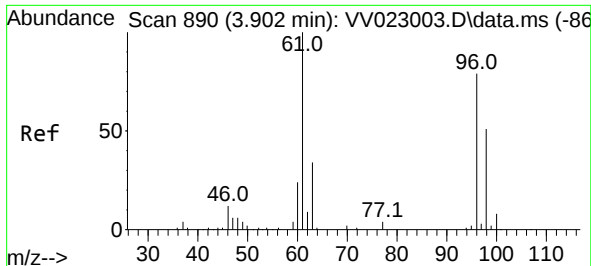
Tgt Ion: 63 Resp: 72552
Ion Ratio Lower Upper
63 100
65 31.2 22.6 42.0
83 12.6 11.1 20.7



#21
2-Butanone
Concen: 65.635 ug/L
RT: 3.979 min Scan# 914
Delta R.T. -0.055 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

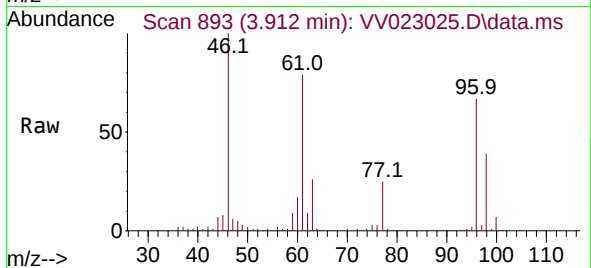
Tgt Ion: 43 Resp: 101680
Ion Ratio Lower Upper
43 100
72 24.4 11.9 35.9



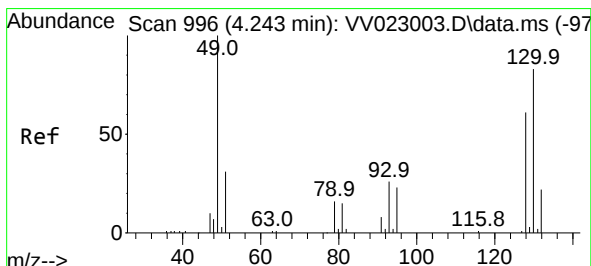
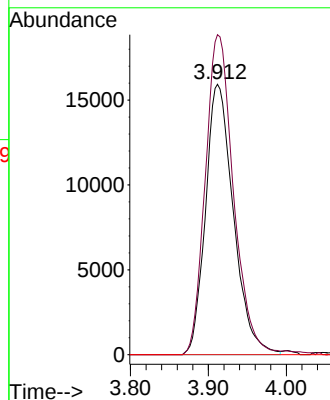
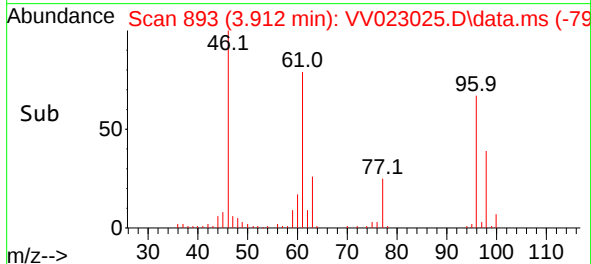


#22
 cis-1,2-Dichloroethene
 Concen: 5.567 ug/L
 RT: 3.912 min Scan# 890
 Delta R.T. 0.010 min
 Lab File: VV023025.D
 Acq: 23 Oct 2021 21:23

Instrument :
 MSVOA_V
 ClientSampleId :

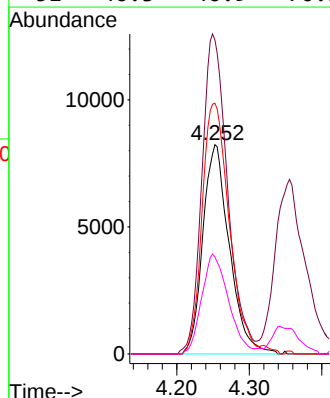
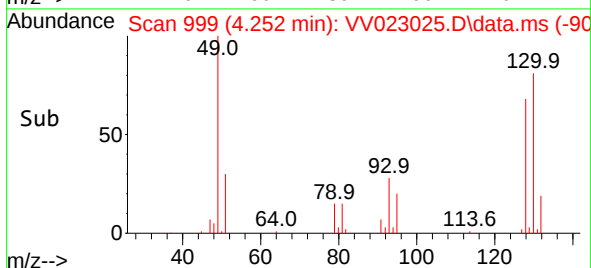
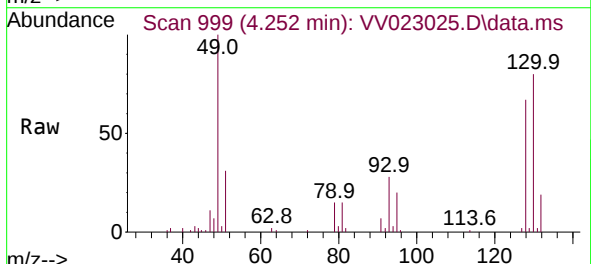


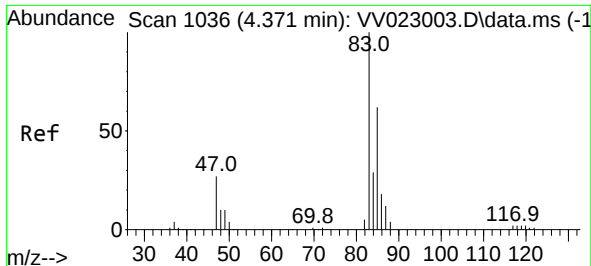
Tgt Ion: 96 Resp: 39700
 Ion Ratio Lower Upper
 96 100
 61 118.3 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 6.451 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.010 min
 Lab File: VV023025.D
 Acq: 23 Oct 2021 21:23

Tgt Ion: 128 Resp: 20881
 Ion Ratio Lower Upper
 128 100
 49 150.1 126.1 234.3
 130 119.8 95.2 176.8
 51 46.3 46.9 70.3#





#25

Chloroform

Concen: 5.028 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VV023025.D

Acq: 23 Oct 2021 21:23

Instrument :

MSVOA_V

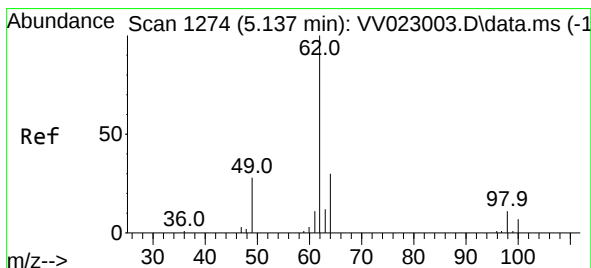
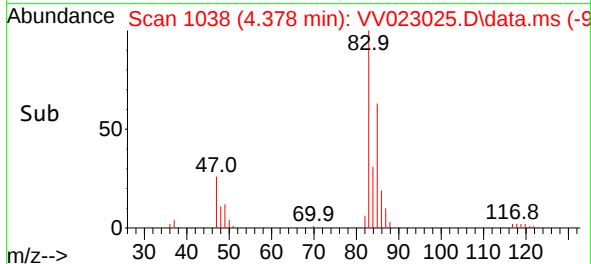
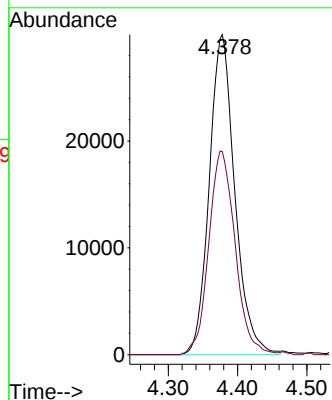
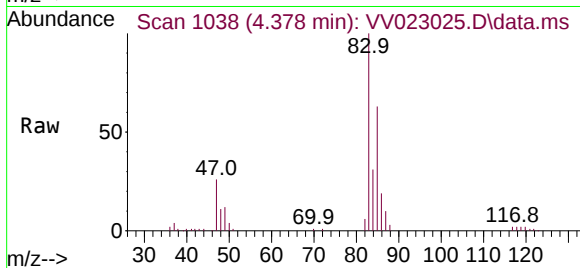
ClientSampleId :

Tgt Ion: 83 Resp: 76772

Ion Ratio Lower Upper

83 100

85 63.5 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.226 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. -0.003 min

Lab File: VV023025.D

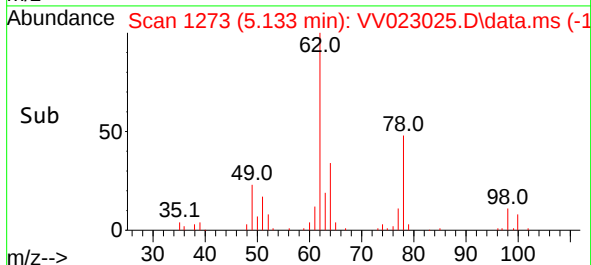
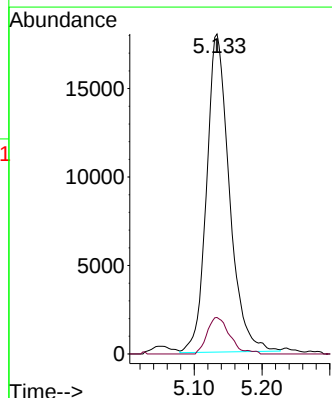
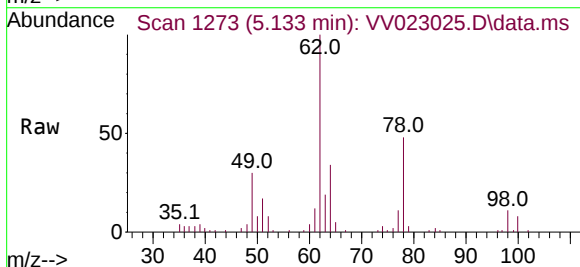
Acq: 23 Oct 2021 21:23

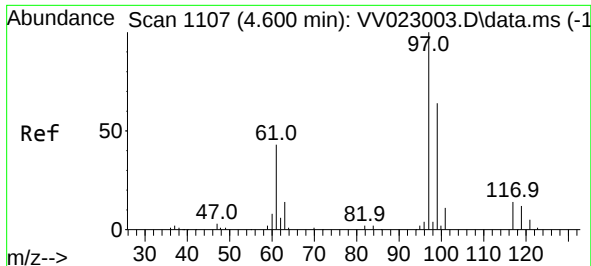
Tgt Ion: 62 Resp: 42082

Ion Ratio Lower Upper

62 100

98 11.4 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 6.195 ug/L

RT: 4.609 min Scan# 1107

Delta R.T. 0.010 min

Lab File: VV023025.D

Acq: 23 Oct 2021 21:23

Instrument :

MSVOA_V

ClientSampleId :

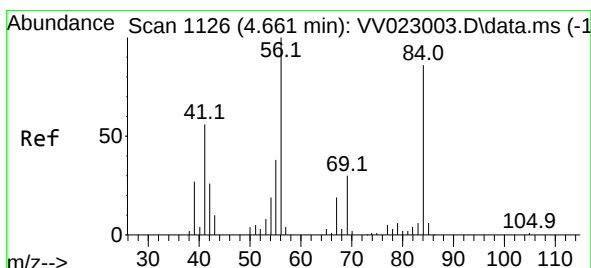
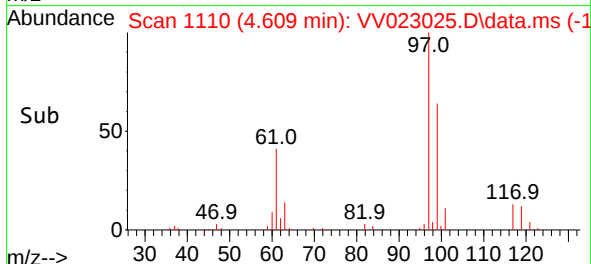
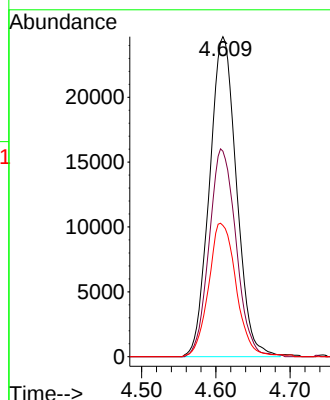
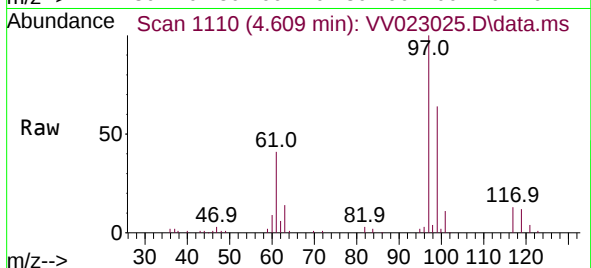
Tgt Ion: 97 Resp: 62295

Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.4

61 42.4 34.1 51.1



#30

Cyclohexane

Concen: 5.823 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.019 min

Lab File: VV023025.D

Acq: 23 Oct 2021 21:23

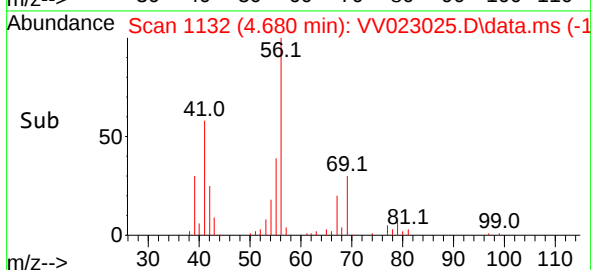
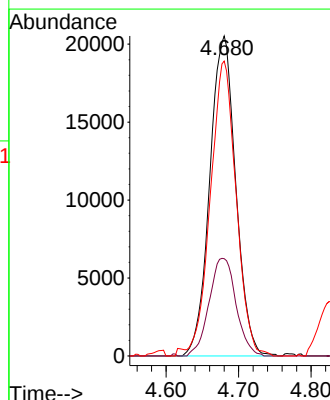
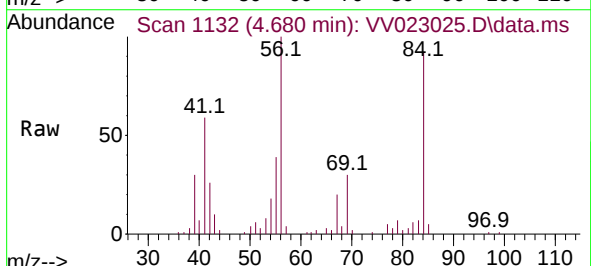
Tgt Ion: 56 Resp: 51124

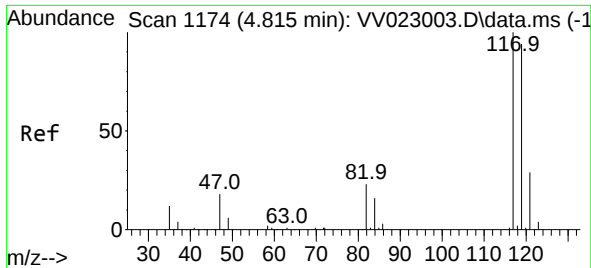
Ion Ratio Lower Upper

56 100

69 31.6 23.5 35.3

84 91.1 71.6 107.4

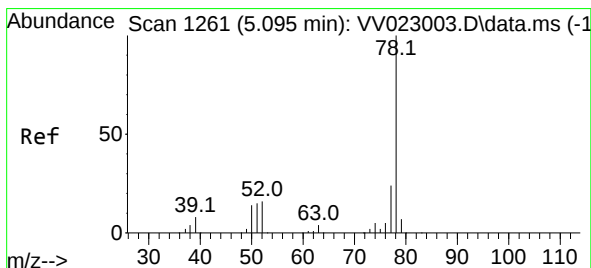
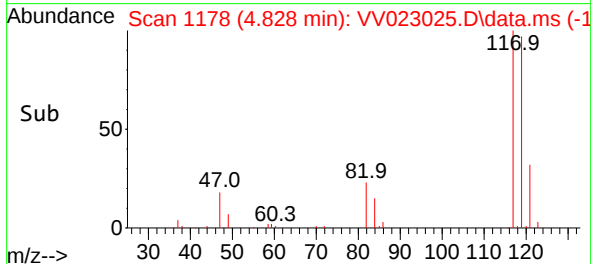
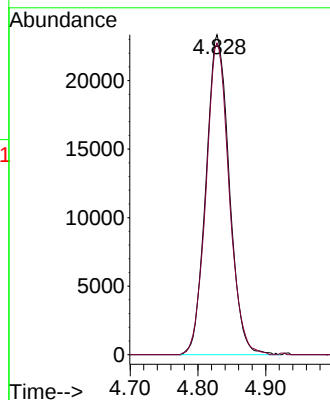
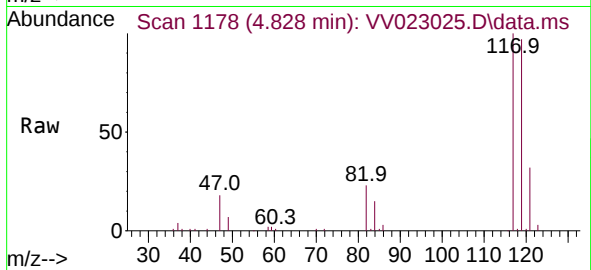




#31
Carbon tetrachloride
Concen: 6.442 ug/L
RT: 4.828 min Scan# 1174
Delta R.T. 0.013 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

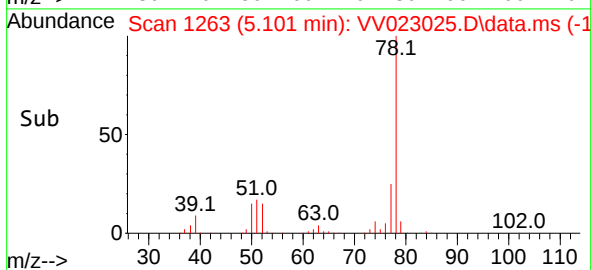
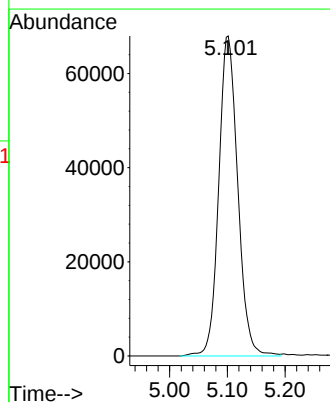
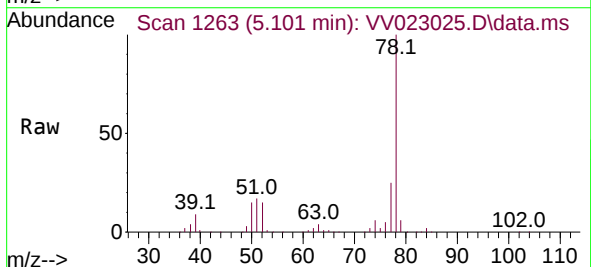
Instrument :
MSVOA_V
ClientSampleId :

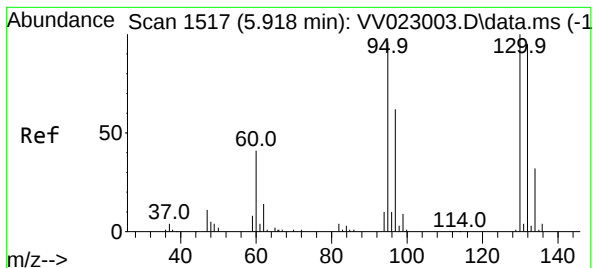
Tgt Ion:117 Resp: 55747
Ion Ratio Lower Upper
117 100
119 97.0 78.8 118.2



#33
Benzene
Concen: 6.486 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

Tgt Ion: 78 Resp: 155335





#34

Trichloroethene

Concen: 6.315 ug/L

RT: 5.915 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV023025.D

Acq: 23 Oct 2021 21:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 37989

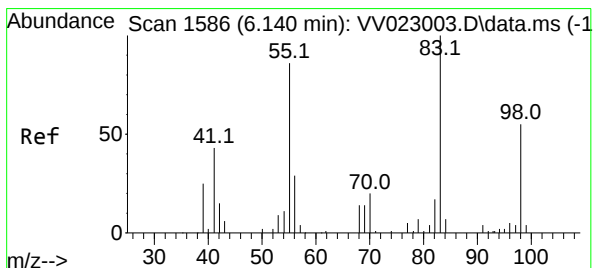
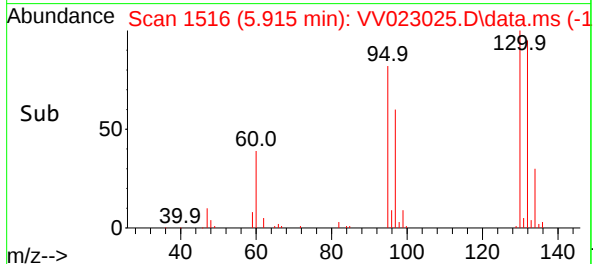
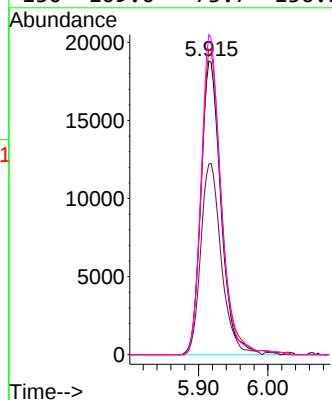
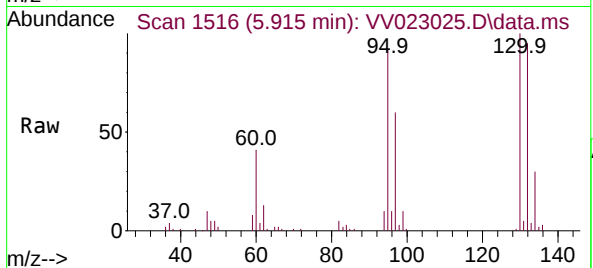
Ion Ratio Lower Upper

95 100

97 64.9 45.0 83.6

132 104.0 69.7 129.4

130 109.0 73.7 136.9



#35

Methylcyclohexane

Concen: 6.300 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.010 min

Lab File: VV023025.D

Acq: 23 Oct 2021 21:23

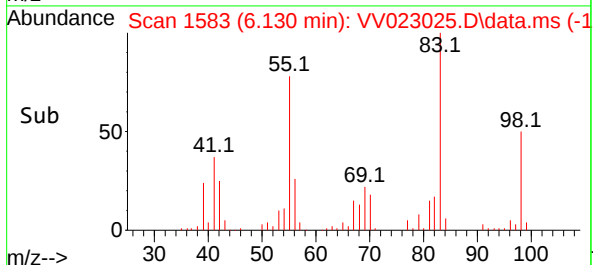
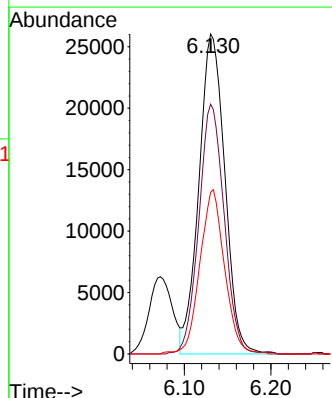
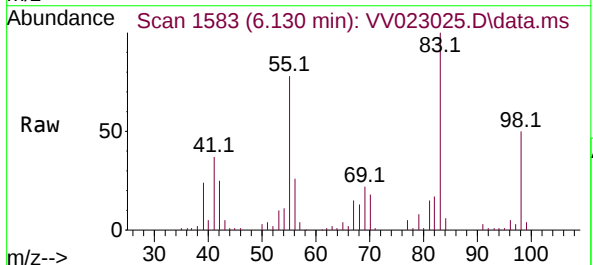
Tgt Ion: 83 Resp: 54273

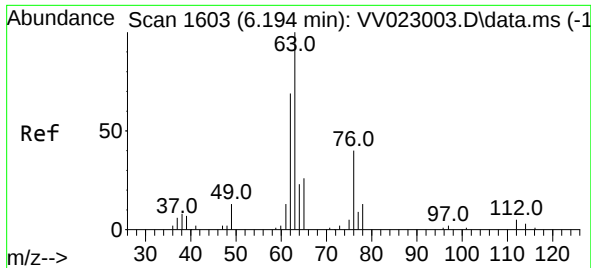
Ion Ratio Lower Upper

83 100

55 76.1 62.8 94.2

98 48.9 37.9 56.9





#37

1,2-Dichloropropane

Concen: 6.889 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.019 min

Lab File: VV023025.D

Acq: 23 Oct 2021 21:23

Instrument :

MSVOA_V

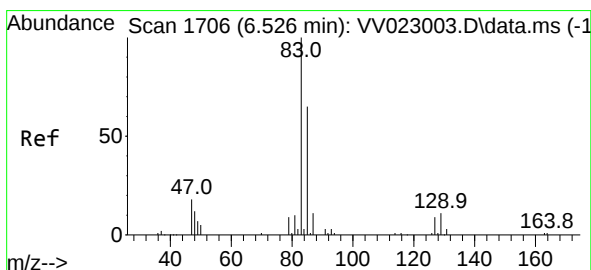
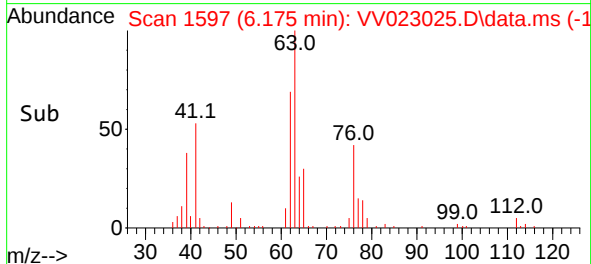
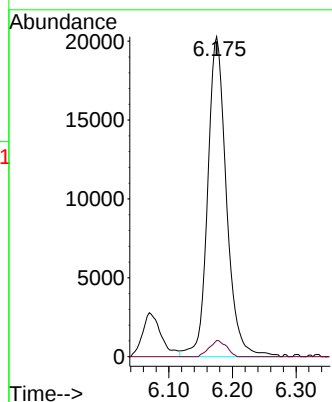
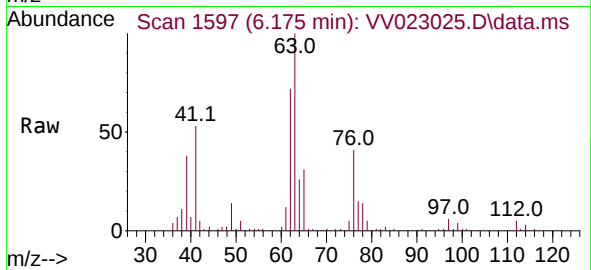
ClientSampleId :

Tgt Ion: 63 Resp: 41585

Ion Ratio Lower Upper

63 100

112 4.6 4.6 6.8



#38

Bromodichloromethane

Concen: 6.743 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. -0.013 min

Lab File: VV023025.D

Acq: 23 Oct 2021 21:23

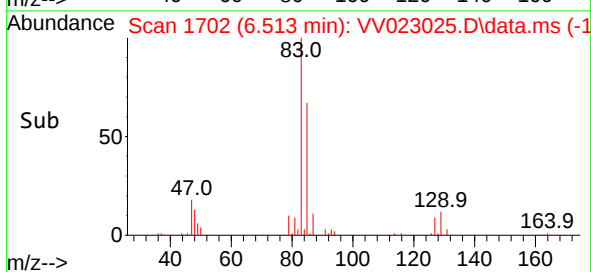
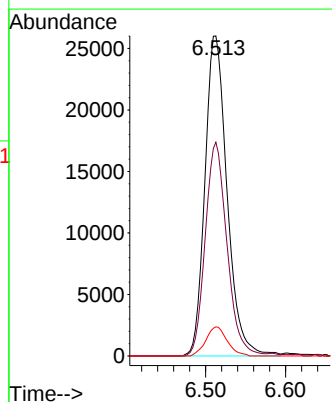
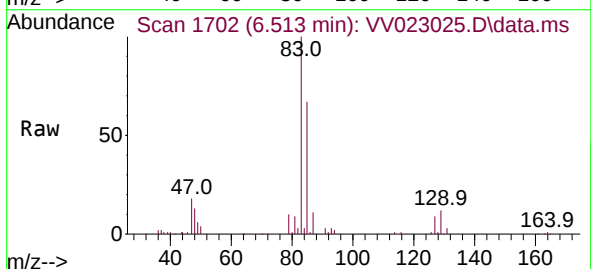
Tgt Ion: 83 Resp: 50204

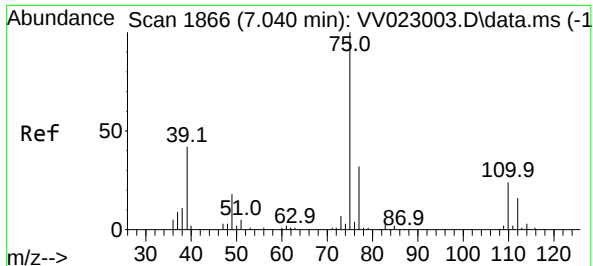
Ion Ratio Lower Upper

83 100

85 66.8 46.1 85.7

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.827 ug/L

RT: 7.031 min Scan# 11

Delta R.T. -0.010 min

Lab File: VV023025.D

Acq: 23 Oct 2021 21:23

Instrument :

MSVOA_V

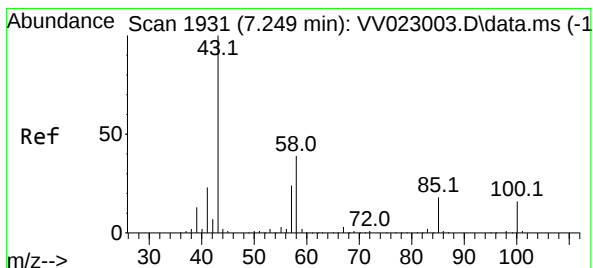
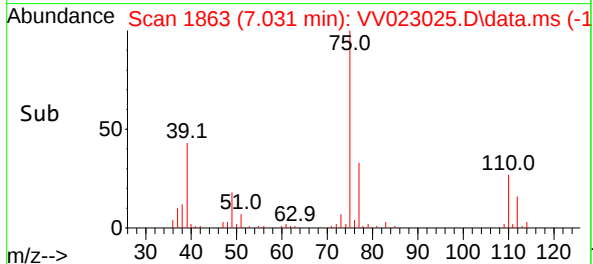
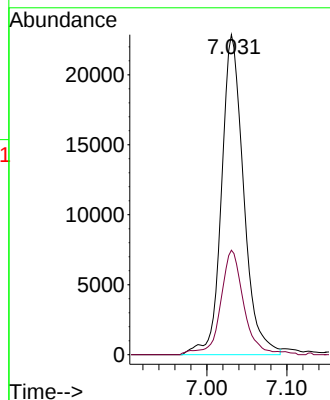
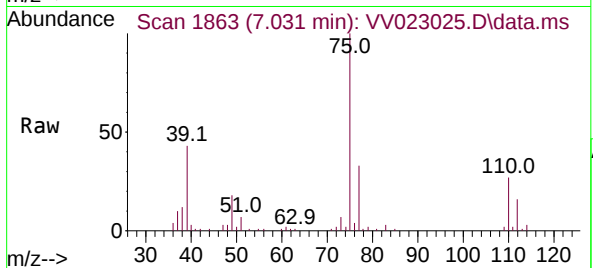
ClientSampleId :

Tgt Ion: 75 Resp: 43793

Ion Ratio Lower Upper

75 100

77 32.6 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 88.157 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.022 min

Lab File: VV023025.D

Acq: 23 Oct 2021 21:23

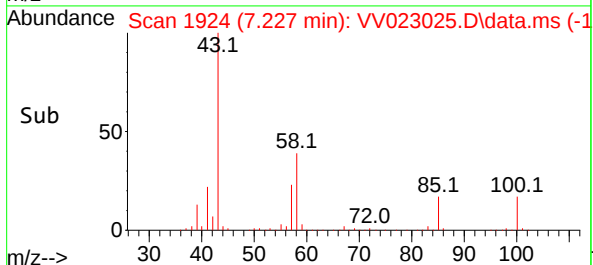
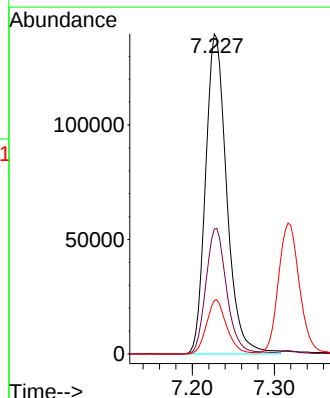
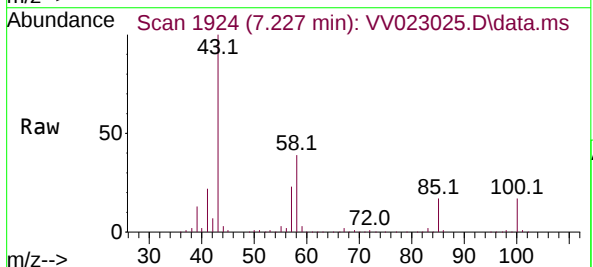
Tgt Ion: 43 Resp: 250514

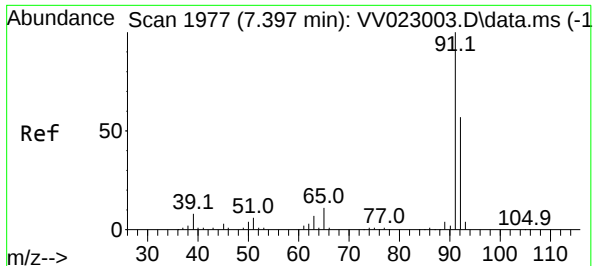
Ion Ratio Lower Upper

43 100

58 38.8 31.1 46.7

100 16.2 12.6 19.0





#42

Toluene

Concen: 6.747 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. -0.006 min

Lab File: VV023025.D

Acq: 23 Oct 2021 21:23

Instrument :

MSVOA_V

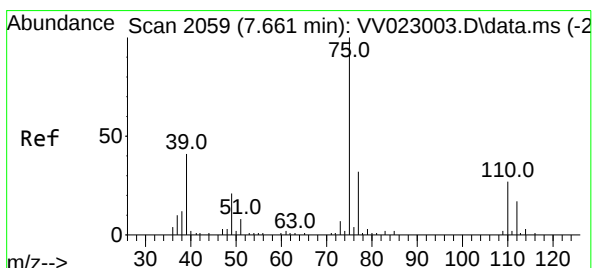
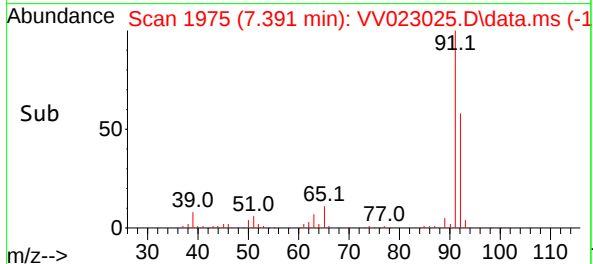
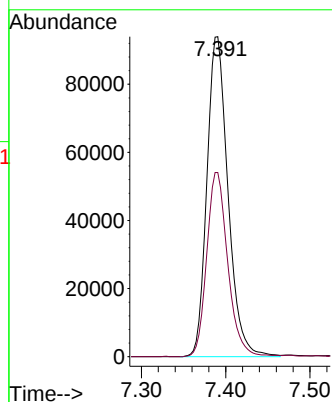
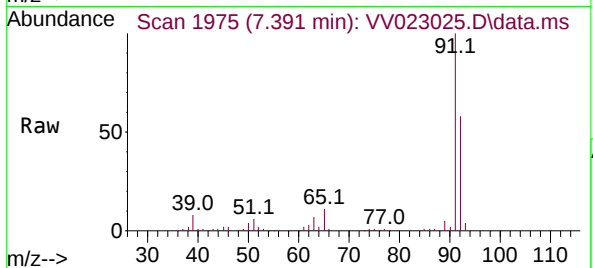
ClientSampleId :

Tgt Ion: 91 Resp: 163744

Ion Ratio Lower Upper

91 100

92 57.5 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 6.482 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VV023025.D

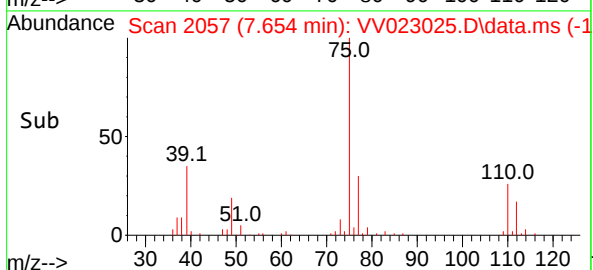
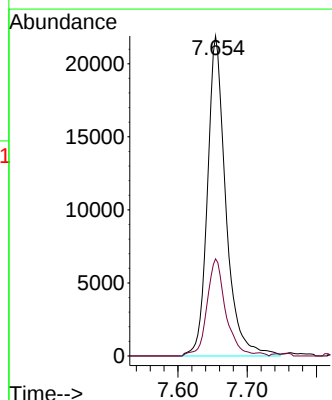
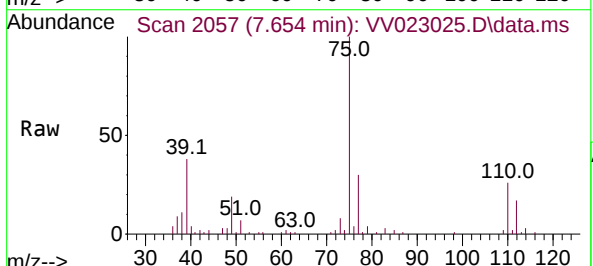
Acq: 23 Oct 2021 21:23

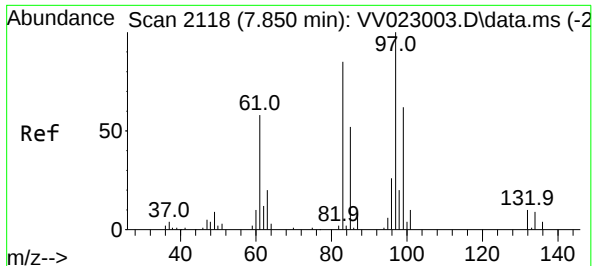
Tgt Ion: 75 Resp: 40303

Ion Ratio Lower Upper

75 100

77 30.3 22.5 41.7

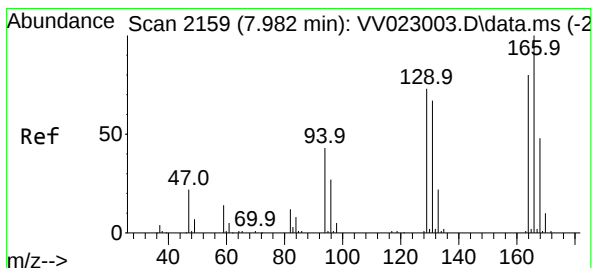
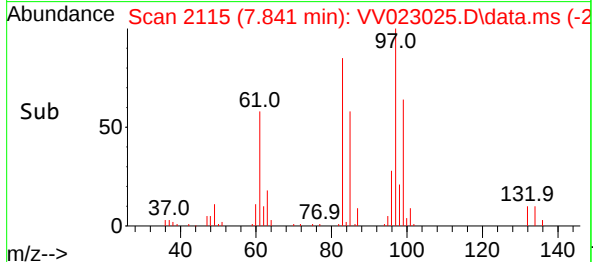
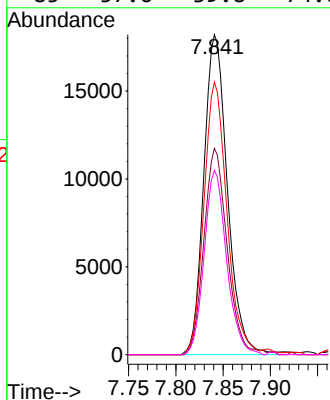
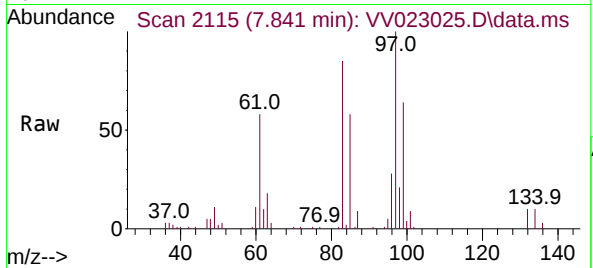




#45
1,1,2-Trichloroethane
Concen: 7.504 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.010 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

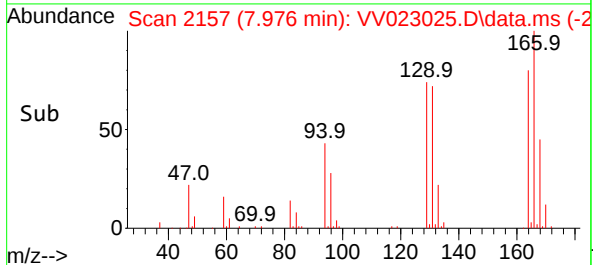
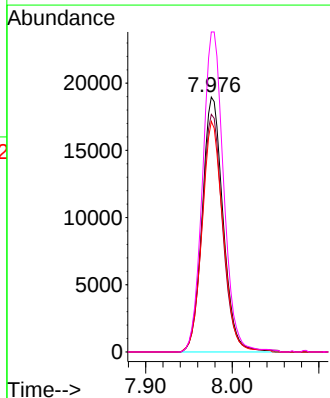
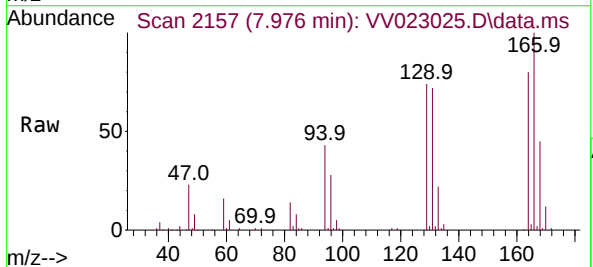
Instrument :
MSVOA_V
ClientSampleId :

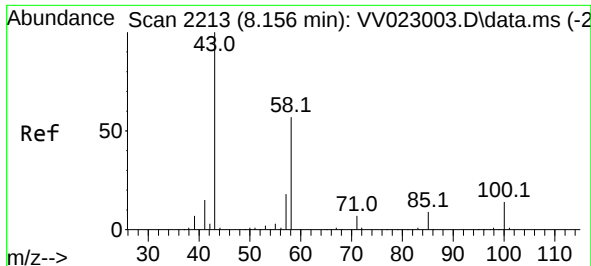
Tgt Ion: 97	Resp: 31685
Ion Ratio	Lower Upper
97 100	
99 64.5	43.6 81.0
83 85.2	58.4 108.4
85 57.6	39.8 74.0



#47
Tetrachloroethene
Concen: 6.257 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.006 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

Tgt Ion: 164	Resp: 31805
Ion Ratio	Lower Upper
164 100	
129 93.3	64.0 119.0
131 90.5	63.4 117.8
166 125.6	89.3 165.9

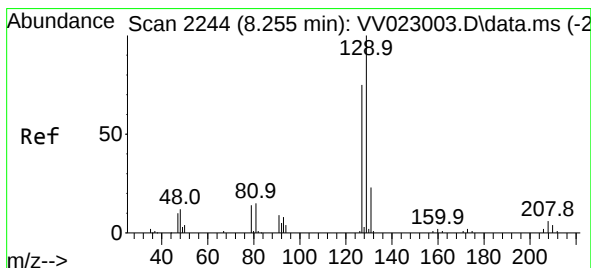
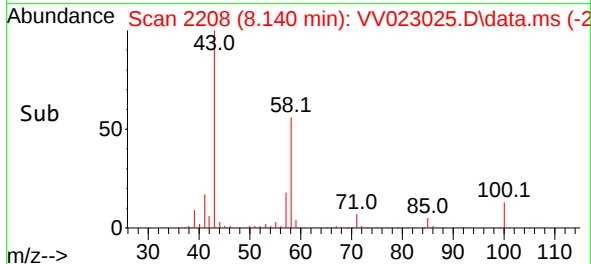
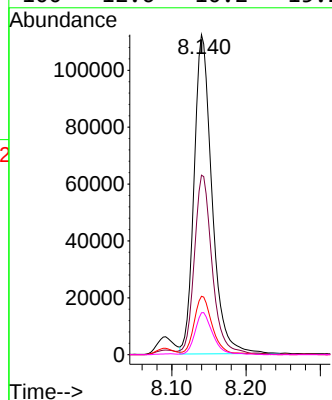
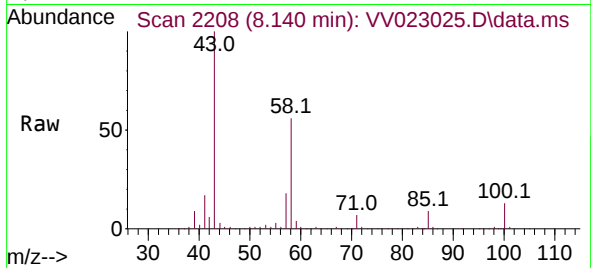




#48
2-Hexanone
Concen: 89.648 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.016 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

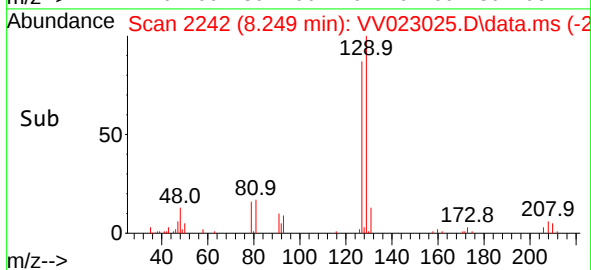
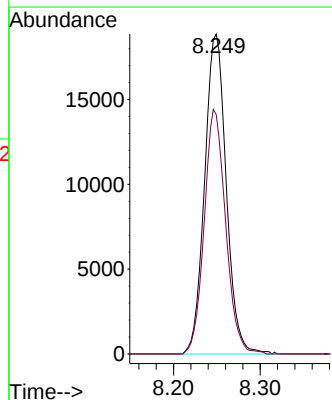
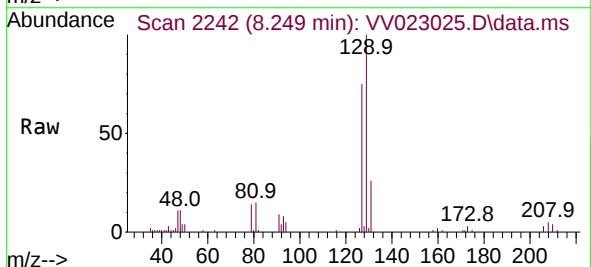
Instrument :
MSVOA_V
ClientSampleId :

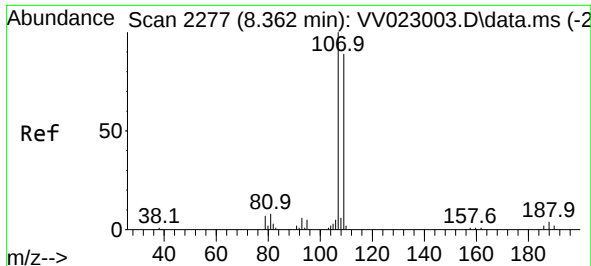
Tgt Ion: 43 Resp: 189108
Ion Ratio Lower Upper
43 100
58 55.1 43.7 65.5
57 18.4 14.1 21.1
100 12.6 10.2 15.2



#49
Dibromochloromethane
Concen: 6.503 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.006 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

Tgt Ion: 129 Resp: 32673
Ion Ratio Lower Upper
129 100
127 74.8 54.7 101.7





#50

1,2-Dibromoethane

Concen: 7.089 ug/L

RT: 8.355 min Scan# 21

Delta R.T. -0.006 min

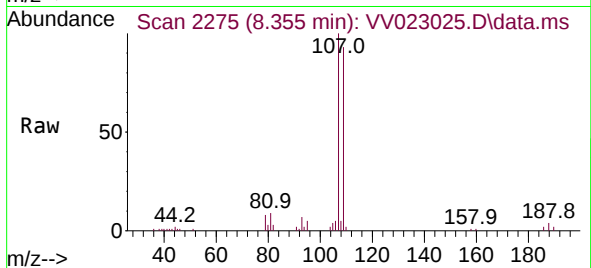
Lab File: VV023025.D

Acq: 23 Oct 2021 21:23

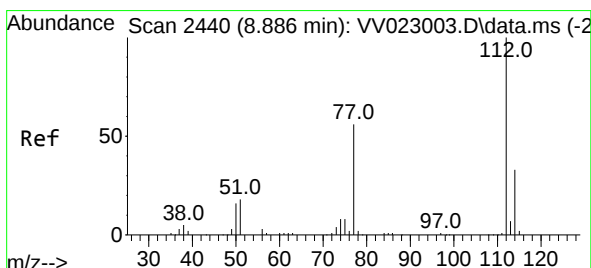
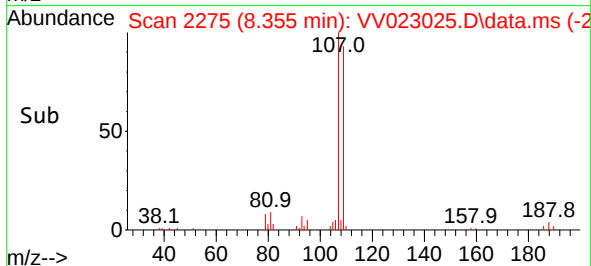
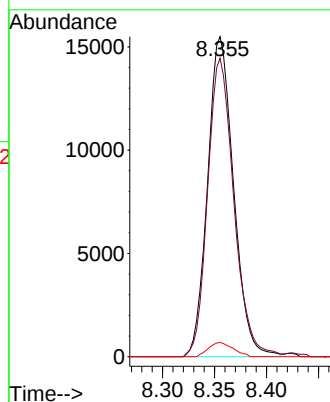
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	26950
Ion	Ratio	Lower	Upper
107	100		
109	93.2	64.7	120.1
188	4.4	3.6	5.4



#51

Chlorobenzene

Concen: 4.786 ug/L

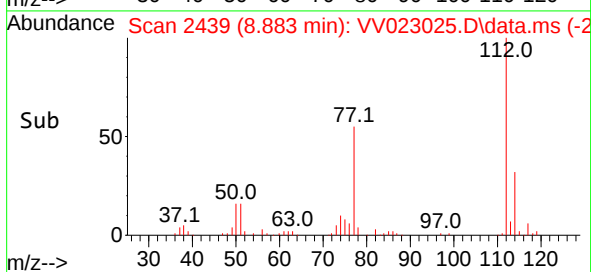
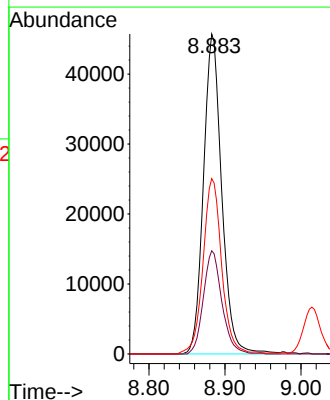
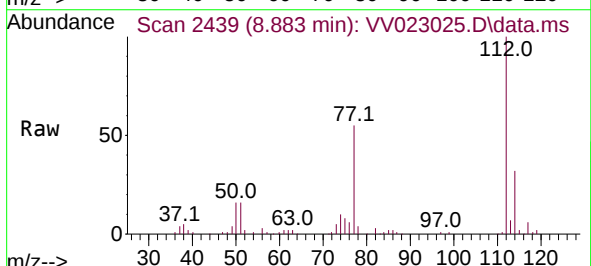
RT: 8.883 min Scan# 2439

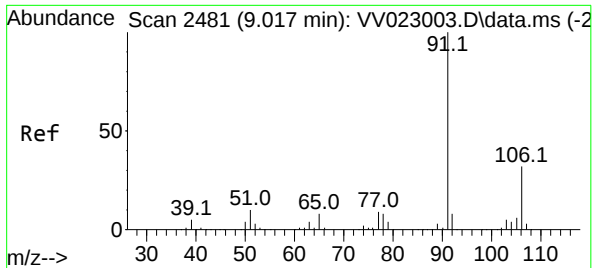
Delta R.T. -0.003 min

Lab File: VV023025.D

Acq: 23 Oct 2021 21:23

Tgt Ion:	112	Resp:	76299
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.0	40.8
77	54.8	44.4	66.6





#52

Ethylbenzene

Concen: 4.844 ug/L

RT: 9.014 min Scan# 2481

Delta R.T. -0.003 min

Lab File: VV023025.D

Acq: 23 Oct 2021 21:23

Instrument :

MSVOA_V

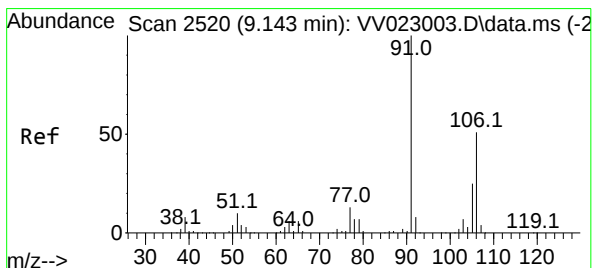
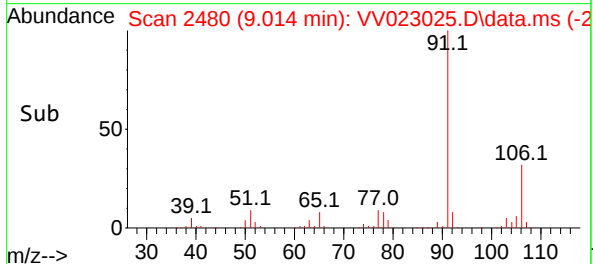
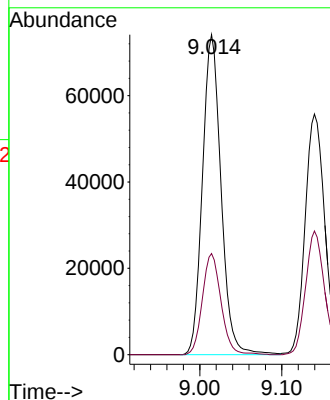
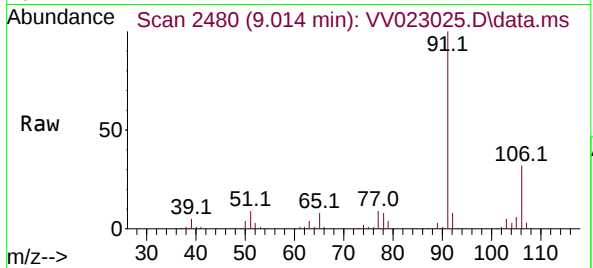
ClientSampleId :

Tgt Ion: 91 Resp: 116677

Ion Ratio Lower Upper

91 100

106 31.6 22.5 41.9



#53

m,p-xylene

Concen: 4.833 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.003 min

Lab File: VV023025.D

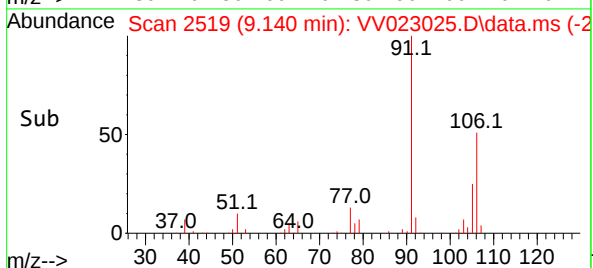
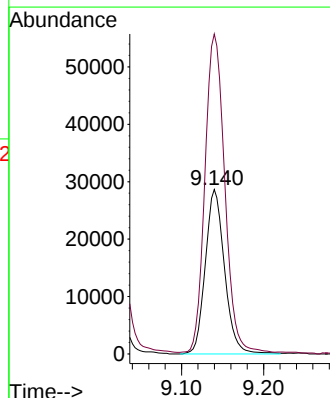
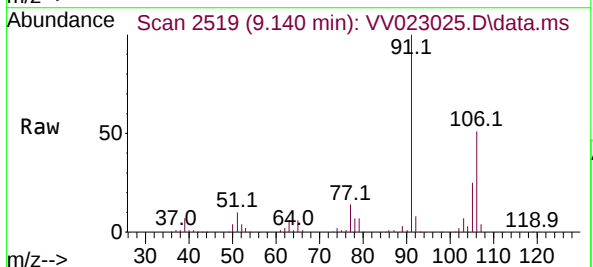
Acq: 23 Oct 2021 21:23

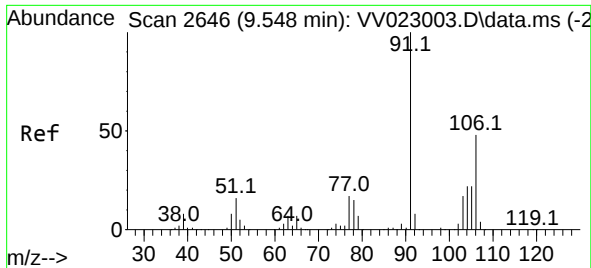
Tgt Ion: 106 Resp: 46687

Ion Ratio Lower Upper

106 100

91 194.6 137.2 254.8

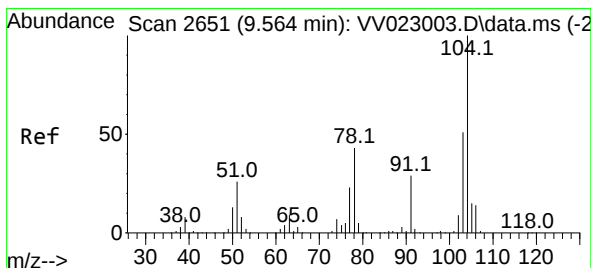
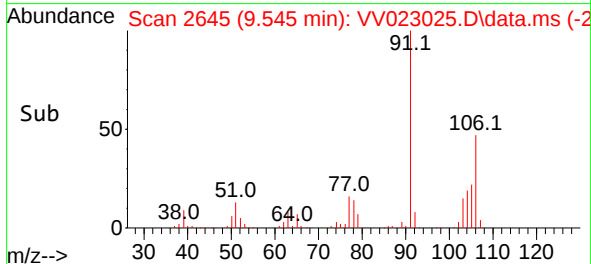
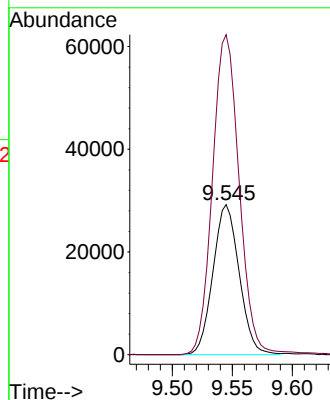
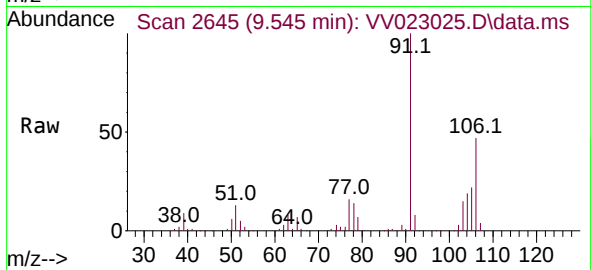




#54
o-xylene
Concen: 4.885 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.003 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

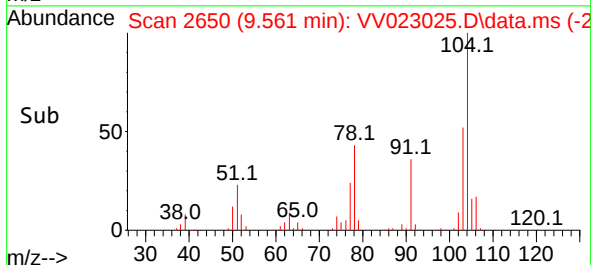
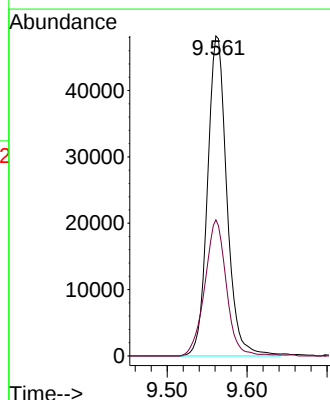
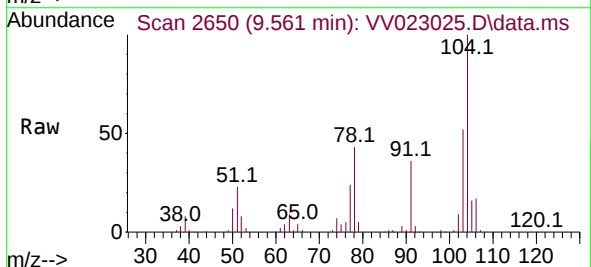
Instrument :
MSVOA_V
ClientSampleId :

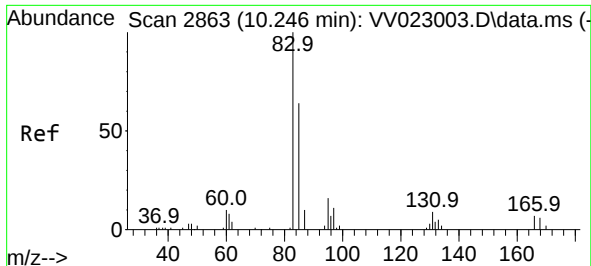
Tgt Ion:106 Resp: 44425
Ion Ratio Lower Upper
106 100
91 213.3 148.3 275.5



#55
Styrene
Concen: 5.159 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.003 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

Tgt Ion:104 Resp: 81020
Ion Ratio Lower Upper
104 100
78 42.6 29.3 54.3

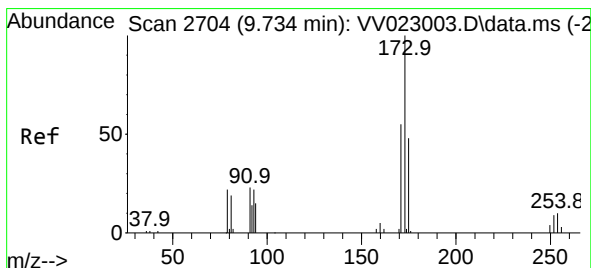
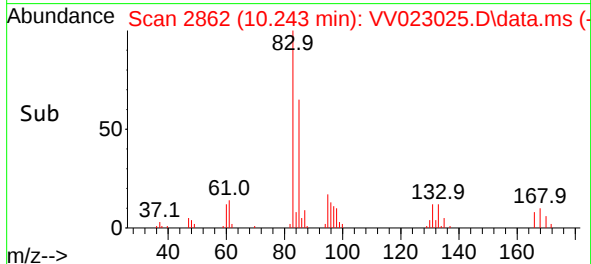
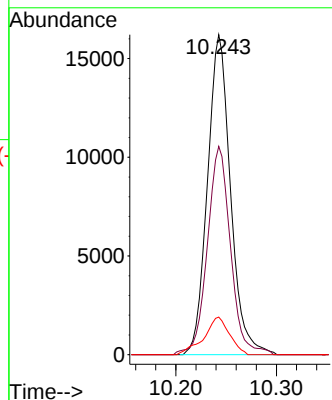
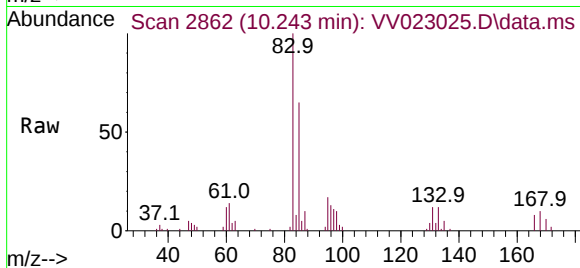




#57
1,1,2,2-Tetrachloroethane
Concen: 5.474 ug/L
RT: 10.243 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

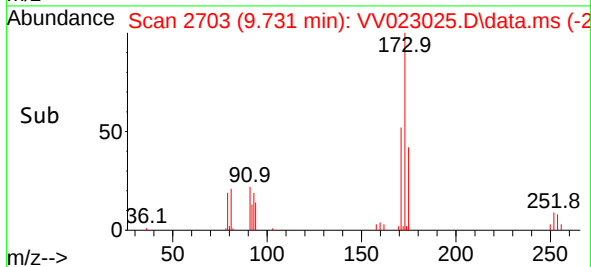
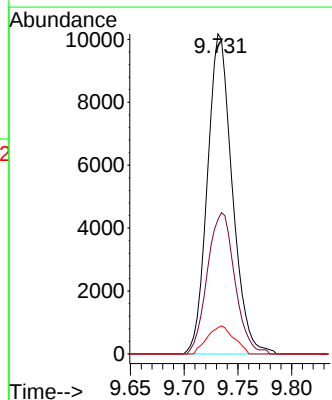
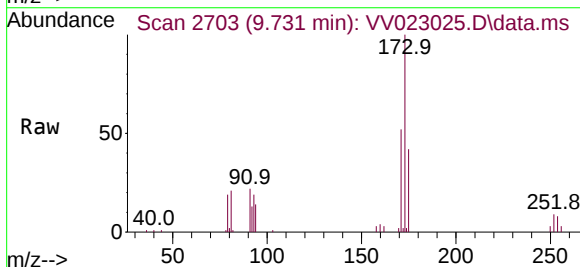
Instrument :
MSVOA_V
ClientSampleId :

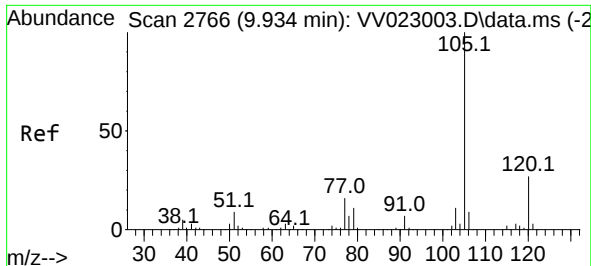
Tgt Ion: 83 Resp: 25840
Ion Ratio Lower Upper
83 100
85 65.1 45.1 83.9
131 11.7 7.8 11.6#



#59
Bromoform
Concen: 4.603 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

Tgt Ion: 173 Resp: 16357
Ion Ratio Lower Upper
173 100
175 48.7 38.2 57.2
254 9.3 6.2 9.2#

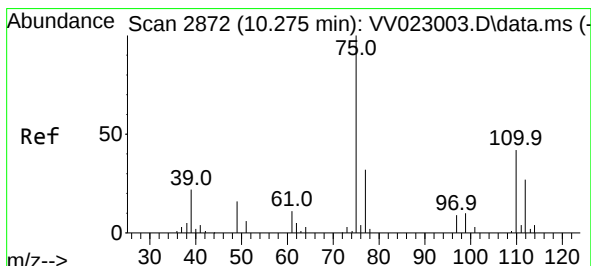
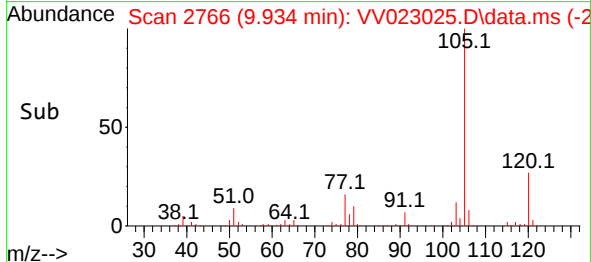
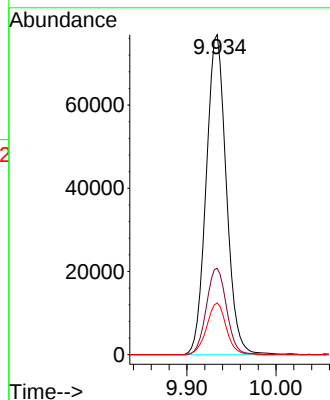
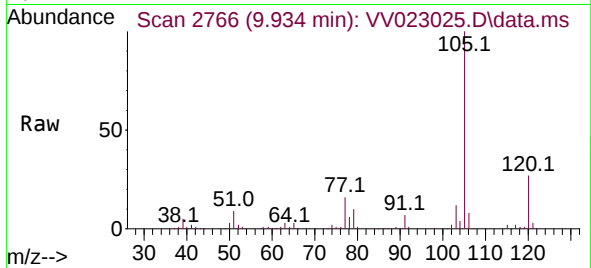




#60
Isopropylbenzene
Concen: 3.894 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

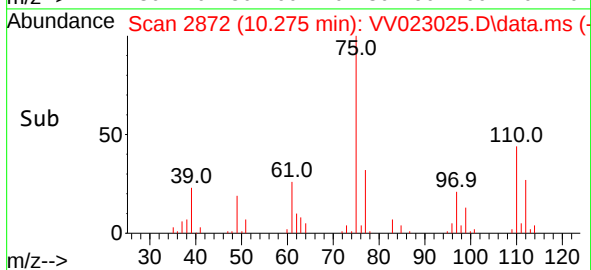
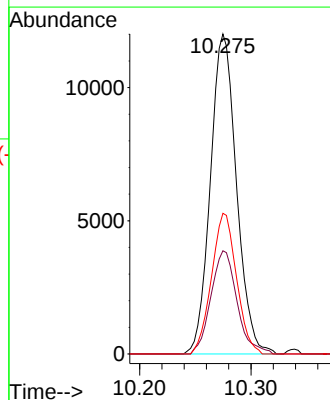
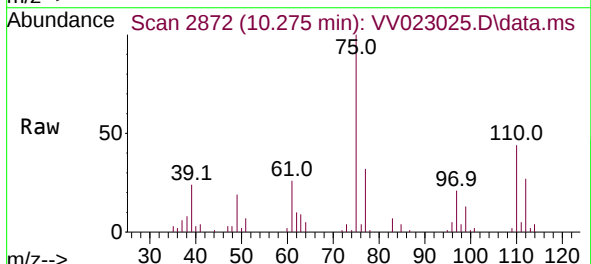
Instrument :
MSVOA_V
ClientSampleId :

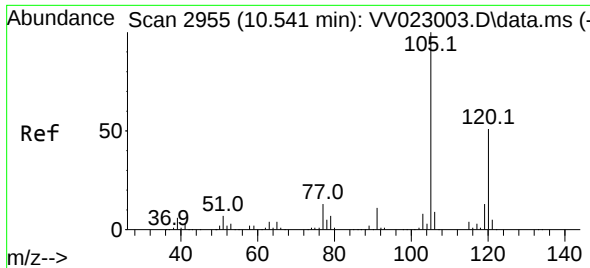
Tgt Ion:105 Resp: 120087
Ion Ratio Lower Upper
105 100
120 27.2 21.7 32.5
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.558 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

Tgt Ion: 75 Resp: 19563
Ion Ratio Lower Upper
75 100
77 32.2 26.6 39.8
110 42.1 31.8 47.6

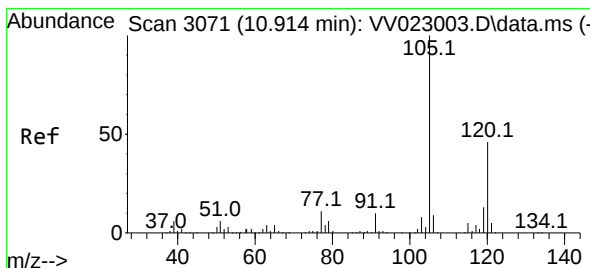
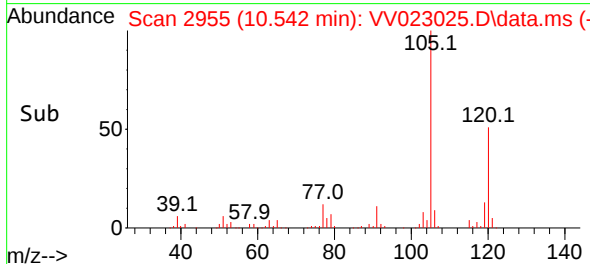
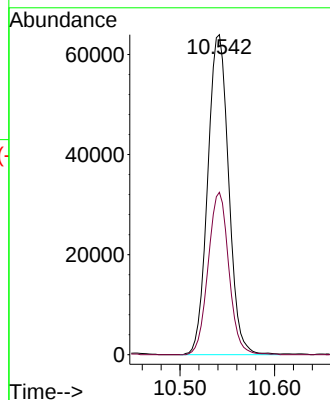
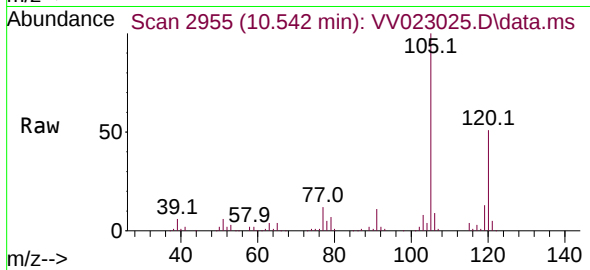




#62
 1,3,5-Trimethylbenzene
 Concen: 3.974 ug/L
 RT: 10.542 min Scan# 2955
 Delta R.T. 0.000 min
 Lab File: VV023025.D
 Acq: 23 Oct 2021 21:23

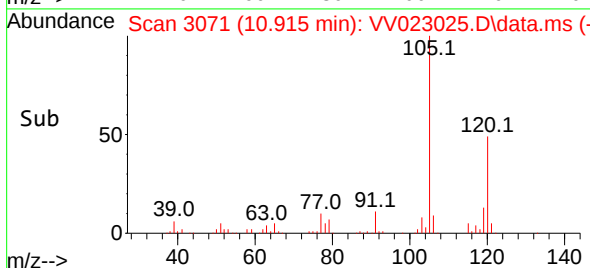
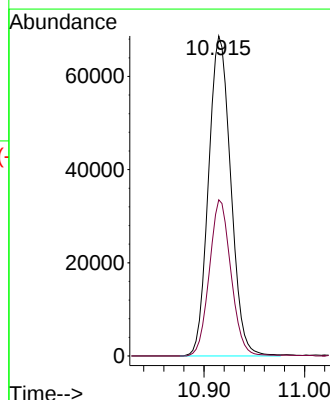
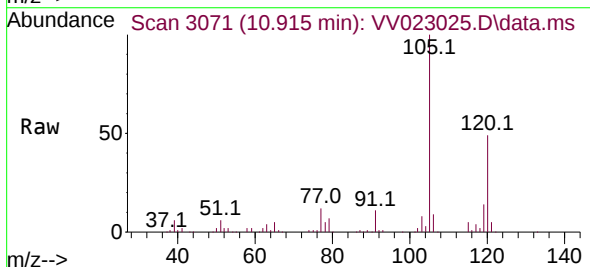
Instrument :
 MSVOA_V
 ClientSampleId :

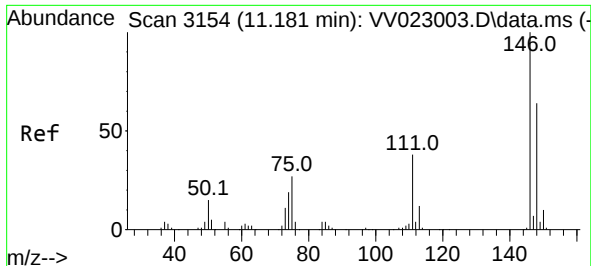
Tgt Ion:105 Resp: 98442
 Ion Ratio Lower Upper
 105 100
 120 50.1 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 4.270 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV023025.D
 Acq: 23 Oct 2021 21:23

Tgt Ion:105 Resp: 105574
 Ion Ratio Lower Upper
 105 100
 120 47.4 37.4 56.2

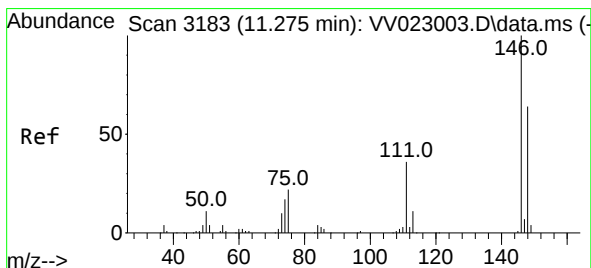
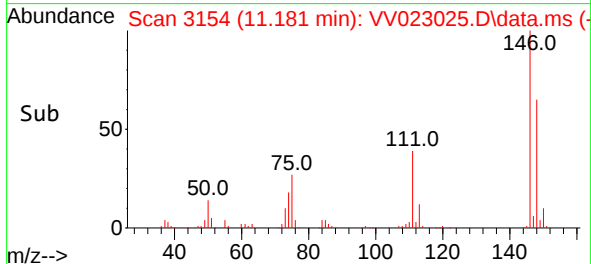
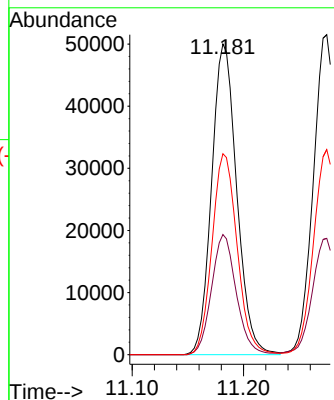
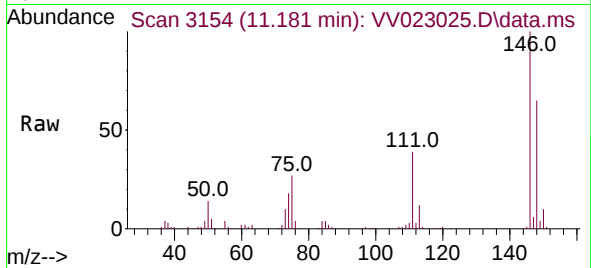




#64
1,3-Dichlorobenzene
Concen: 4.834 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

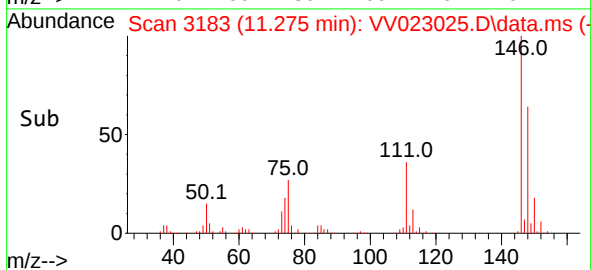
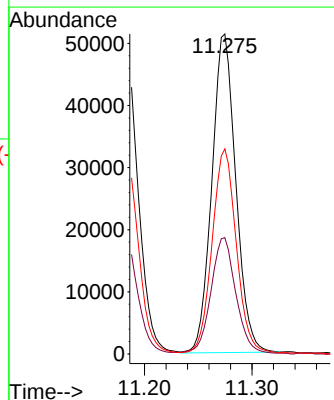
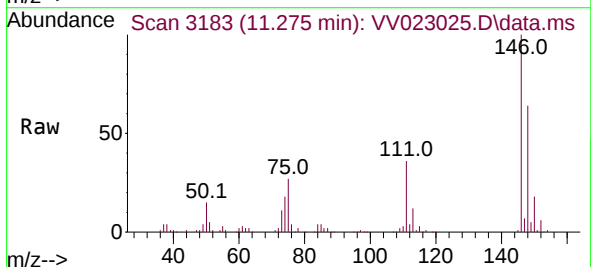
Instrument :
MSVOA_V
ClientSampleId :

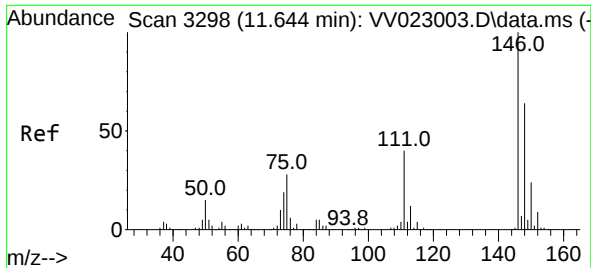
Tgt Ion:146 Resp: 78441
Ion Ratio Lower Upper
146 100
111 38.7 26.7 49.7
148 64.7 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 4.817 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

Tgt Ion:146 Resp: 79409
Ion Ratio Lower Upper
146 100
111 36.4 26.2 48.8
148 64.1 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 5.283 ug/L

RT: 11.644 min Scan# 3298

Delta R.T. 0.000 min

Lab File: VV023025.D

Acq: 23 Oct 2021 21:23

Instrument :

MSVOA_V

ClientSampleId :

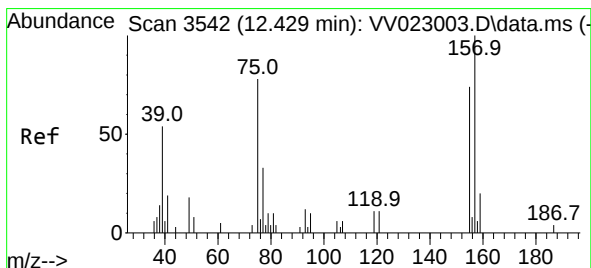
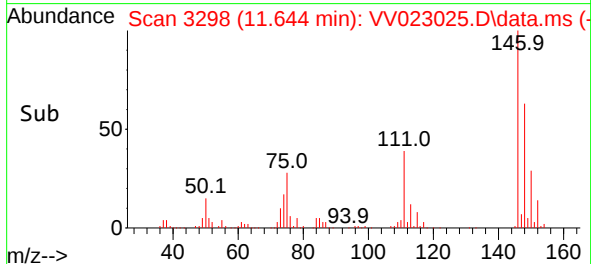
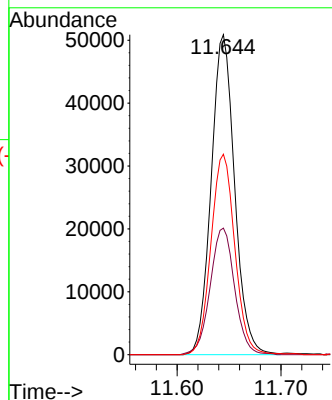
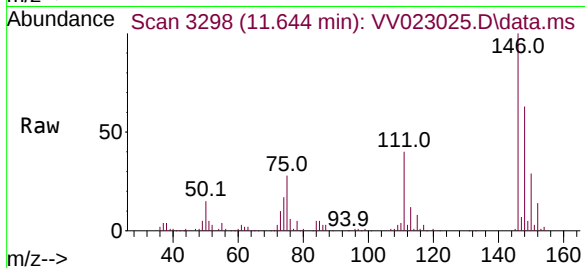
Tgt Ion:146 Resp: 79806

Ion Ratio Lower Upper

146 100

111 39.5 31.6 47.4

148 62.7 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 6.247 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.000 min

Lab File: VV023025.D

Acq: 23 Oct 2021 21:23

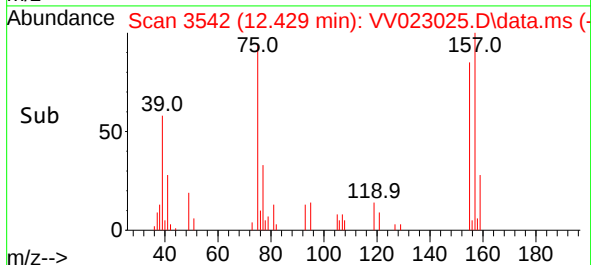
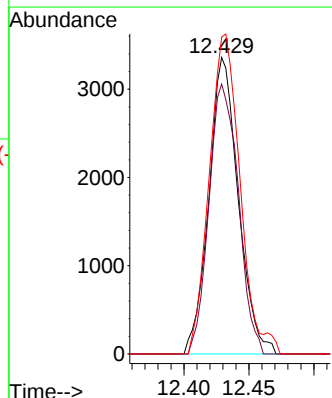
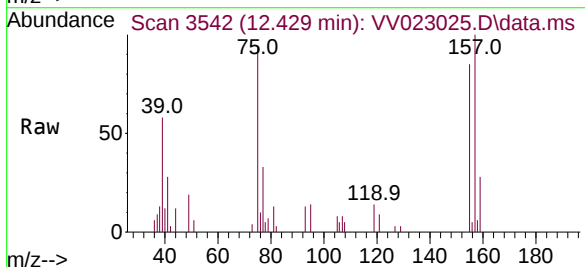
Tgt Ion: 75 Resp: 5290

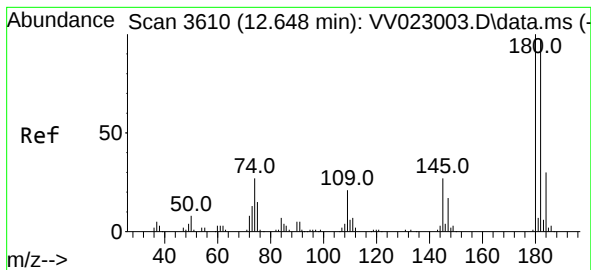
Ion Ratio Lower Upper

75 100

155 91.0 67.7 101.5

157 106.8 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 4.544 ug/L

RT: 12.648 min Scan# 3610

Delta R.T. 0.000 min

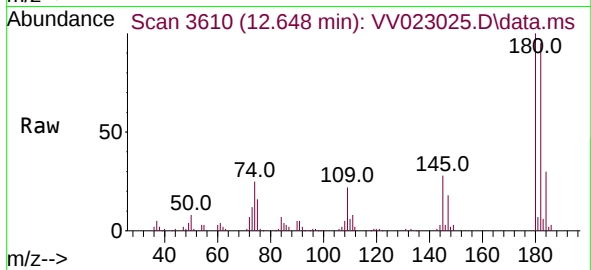
Lab File: VV023025.D

Acq: 23 Oct 2021 21:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 56163

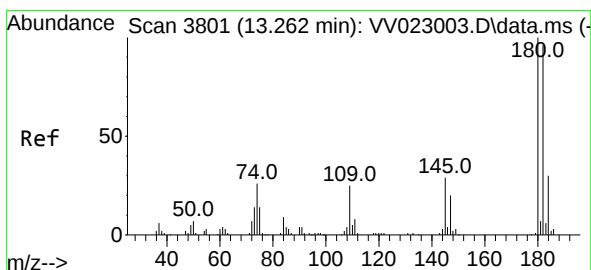
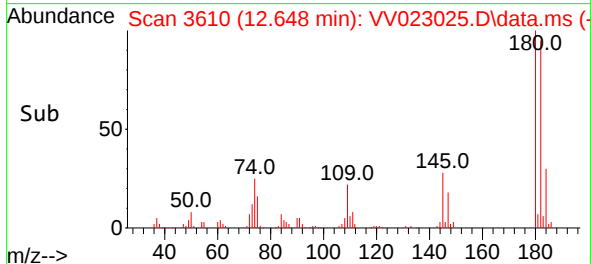
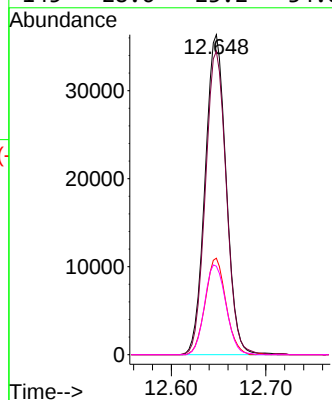
Ion Ratio Lower Upper

180 100

182 94.4 74.9 112.3

184 29.6 23.8 35.8

145 28.6 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 4.736 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV023025.D

Acq: 23 Oct 2021 21:23

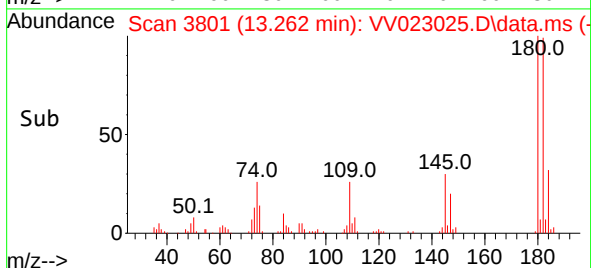
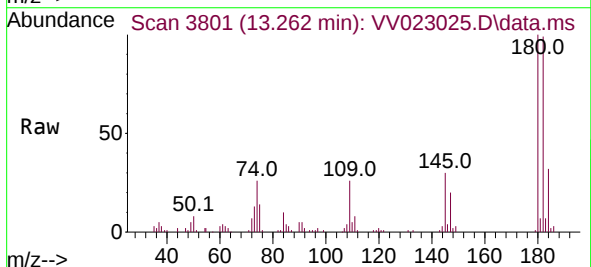
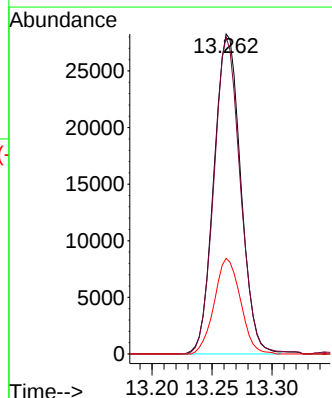
Tgt Ion:180 Resp: 43798

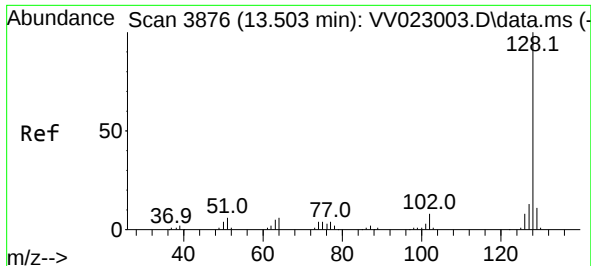
Ion Ratio Lower Upper

180 100

182 97.5 76.9 115.3

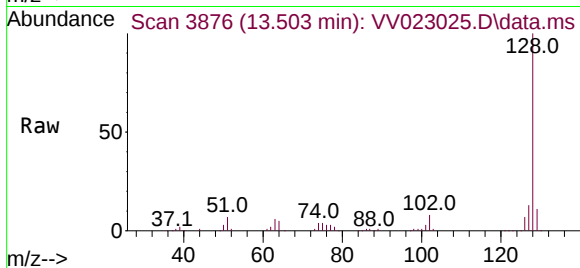
145 29.2 24.4 36.6



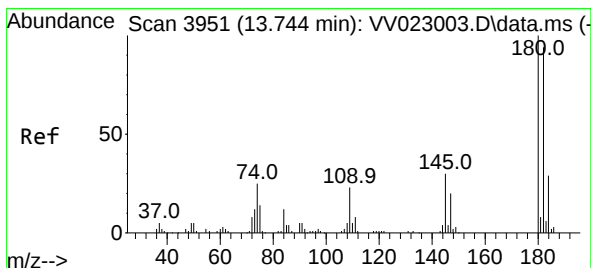
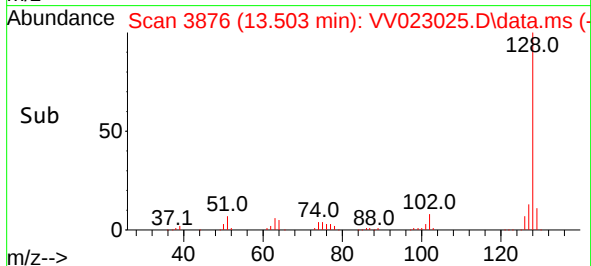
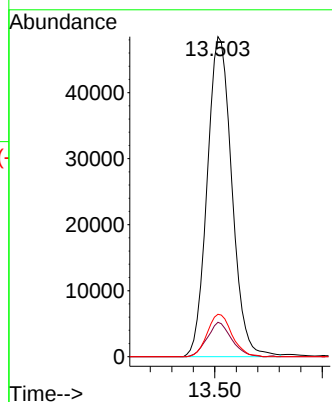


#71
Naphthalene
Concen: 5.493 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	77238
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.6	13.0
127	13.3	10.5	15.7



#72
1,2,3-Trichlorobenzene
Concen: 5.031 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023025.D
Acq: 23 Oct 2021 21:23

Tgt Ion:	180	Resp:	43191
Ion Ratio	Lower	Upper	
180	100		
182	96.9	76.7	115.1
145	31.7	25.7	38.5

