

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012122\
 Data File : VW024425.D
 Acq On : 21 Jan 2022 15:41
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV280

Quant Time: Jan 24 03:11:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 24 03:05:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	148661	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	140890	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	85481	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	43395	44.387	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.780%
7) Chloroethane-d5	1.571	69	27385	48.671	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.340%
11) 1,1-Dichloroethene-d2	2.111	63	80872	51.654	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.300%
21) 2-Butanone-d5	3.889	46	43313	97.676	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.680%
24) Chloroform-d	4.339	84	97922	49.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.960%
26) 1,2-Dichloroethane-d4	5.027	65	71618	49.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.120%
32) Benzene-d6	5.043	84	166678	49.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.540%
36) 1,2-Dichloropropane-d6	6.063	67	37038	49.060	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.120%
41) Toluene-d8	7.310	98	174463	49.422	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.840%
43) trans-1,3-Dichloroprop...	7.616	79	29375	50.965	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.940%
47) 2-Hexanone-d5	8.085	63	32407	99.695	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.690%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51446	46.267	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.540%
66) 1,2-Dichlorobenzene-d4	11.622	152	84280	48.079	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.160%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	87277	52.335	ug/L	97
3) Chloromethane	1.243	50	46250	45.777	ug/L	99
5) Vinyl chloride	1.314	62	56940	48.344	ug/L	97
6) Bromomethane	1.526	94	33373	52.152	ug/L	96
8) Chloroethane	1.587	64	26593	52.298	ug/L	100
9) Trichlorofluoromethane	1.754	101	116203	51.325	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	46145	57.087	ug/L	98
12) 1,1-Dichloroethene	2.121	96	44917	57.082	ug/L	86
13) Acetone	2.182	43	41987	76.410	ug/L #	55
14) Carbon disulfide	2.294	76	149137	66.029	ug/L	99
15) Methyl Acetate	2.433	43	32208	55.156	ug/L	97
16) Methylene chloride	2.507	84	50131	55.480	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	52046	56.650	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	168264	53.977	ug/L	98
19) 1,1-Dichloroethane	3.185	63	75325	51.993	ug/L	96
20) cis-1,2-Dichloroethene	3.905	96	54156	51.564	ug/L	98
22) 2-Butanone	3.973	43	42326	78.485	ug/L	92
23) Bromochloromethane	4.243	128	31485	51.809	ug/L	98
25) Chloroform	4.371	83	97148	49.447	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012122\
 Data File : VW024425.D
 Acq On : 21 Jan 2022 15:41
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

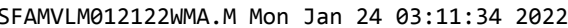
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV280

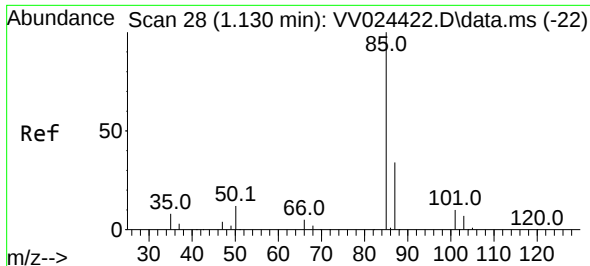
Quant Time: Jan 24 03:11:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 24 03:05:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	86005	49.558	ug/L	100
29) Cyclohexane	4.674	56	60272	53.013	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	111536	51.495	ug/L	98
31) Carbon tetrachloride	4.822	117	108184	51.005	ug/L	96
33) Benzene	5.095	78	180744	50.475	ug/L	100
34) Trichloroethene	5.908	95	55285	49.706	ug/L	97
35) Methylcyclohexane	6.127	83	79894	51.021	ug/L	97
37) 1,2-Dichloropropane	6.166	63	33324	50.246	ug/L	97
38) Bromodichloromethane	6.503	83	73088	50.314	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	71185	50.375	ug/L	95
40) 4-Methyl-2-pentanone	7.220	43	85238	96.721	ug/L	98
42) Toluene	7.381	91	220656	49.616	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	79949	50.419	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	44149	49.267	ug/L	99
46) Tetrachloroethene	7.973	164	57523	51.065	ug/L	97
48) 2-Hexanone	8.133	43	65841	93.766	ug/L	98
49) Dibromochloromethane	8.239	129	63412	50.164	ug/L	98
50) 1,2-Dibromoethane	8.346	107	47273	49.080	ug/L	100
51) Chlorobenzene	8.876	112	150299	49.152	ug/L	97
52) Ethylbenzene	9.008	91	248599	51.522	ug/L	98
53) m,p-Xylene	9.133	106	100149	49.376	ug/L	99
54) o-Xylene	9.538	106	97326	49.801	ug/L	98
55) Styrene	9.558	104	165359	49.688	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	52554	47.312	ug/L	99
59) Bromoform	9.728	173	49779	52.424	ug/L	99
60) Isopropylbenzene	9.927	105	263066	51.833	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	50964	49.094	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	235500	49.672	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	235867	49.930	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	140675	49.250	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	141317	49.369	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	137591	49.693	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	16215	47.813	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	111940	48.718	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	101206	49.626	ug/L	98
71) Naphthalene	13.500	128	231495	44.196	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	98933	50.912	ug/L	97

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

Quant Time: Jan 24 03:11:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012122WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 24 03:05:41 2022
Response via : Initial Calibration

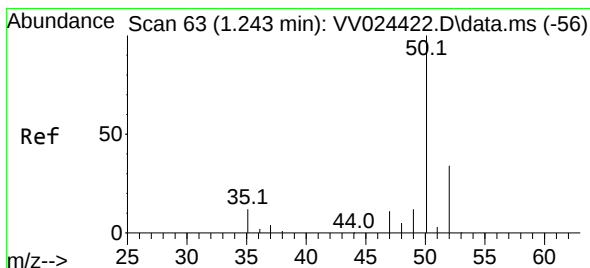
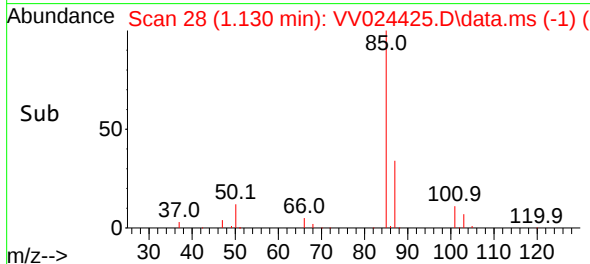
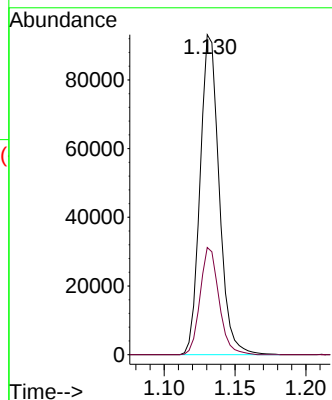
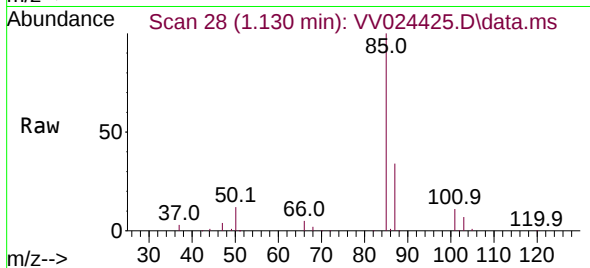




#2
 Dichlorodifluoromethane
 Concen: 52.335 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024425.D
 Acq: 21 Jan 2022 15:41

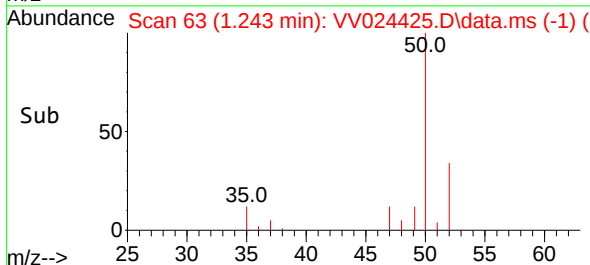
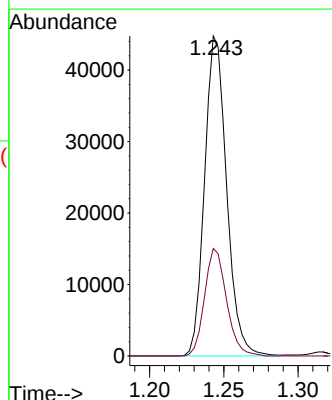
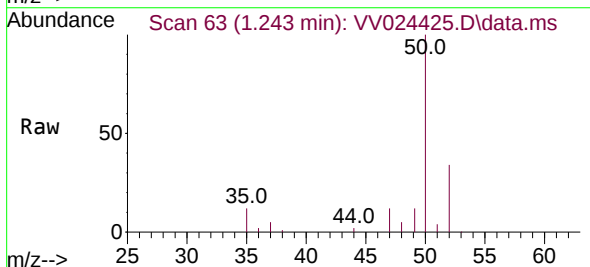
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV280

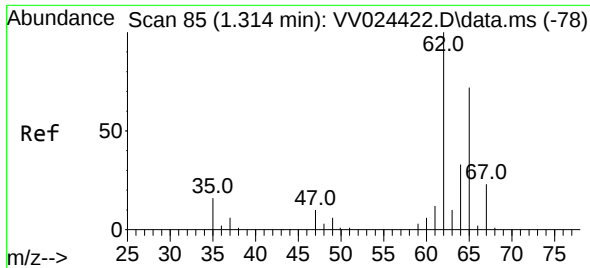
Tgt Ion: 85 Resp: 87277
 Ion Ratio Lower Upper
 85 100
 87 33.1 27.6 41.4



#3
 Chloromethane
 Concen: 45.777 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024425.D
 Acq: 21 Jan 2022 15:41

Tgt Ion: 50 Resp: 46250
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.9 44.5

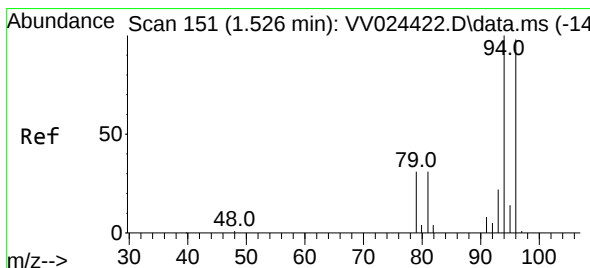
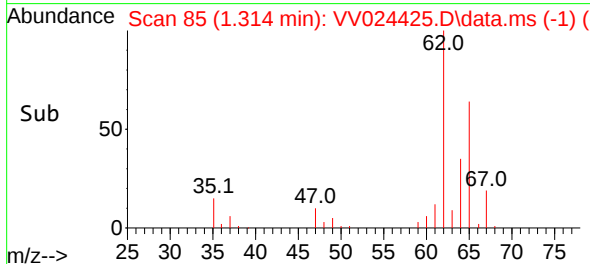
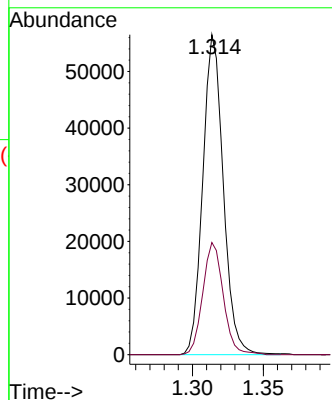
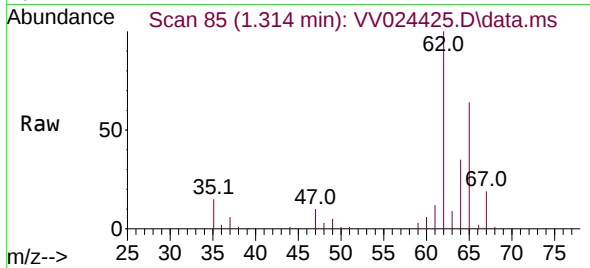




#5
 Vinyl chloride
 Concen: 48.344 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV024425.D
 Acq: 21 Jan 2022 15:41

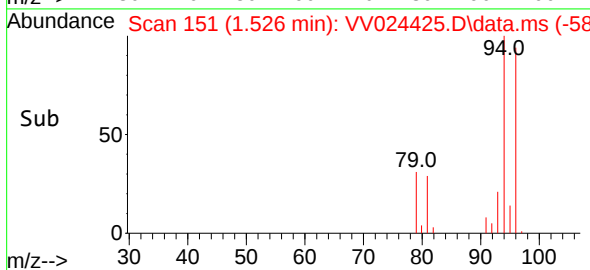
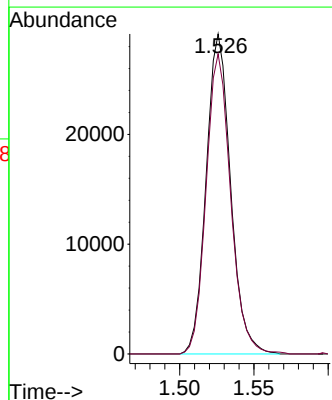
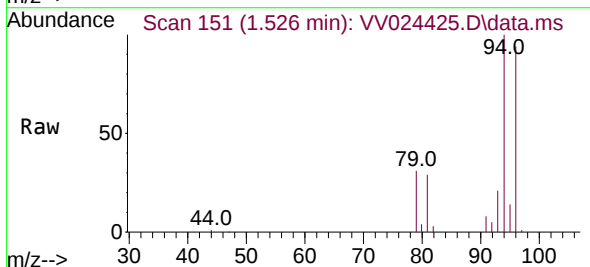
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV280

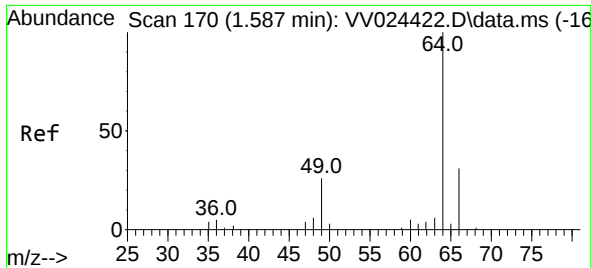
Tgt Ion: 62 Resp: 56940
 Ion Ratio Lower Upper
 62 100
 64 35.1 23.3 43.3



#6
 Bromomethane
 Concen: 52.152 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV024425.D
 Acq: 21 Jan 2022 15:41

Tgt Ion: 94 Resp: 33373
 Ion Ratio Lower Upper
 94 100
 96 93.8 68.3 126.9

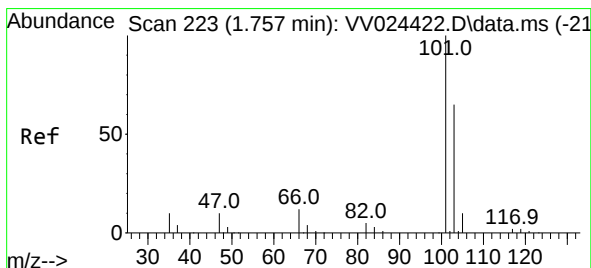
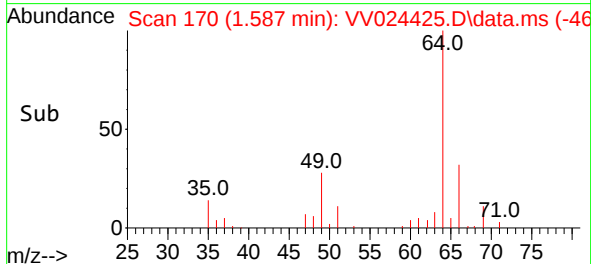
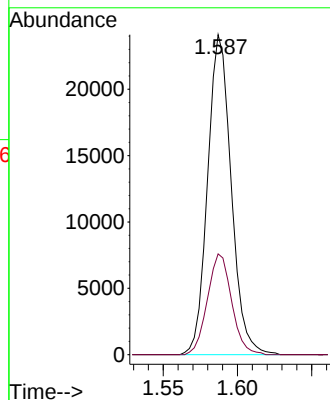
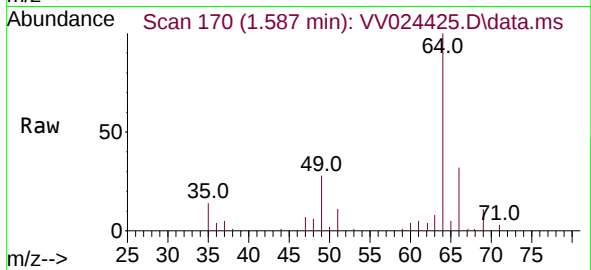




#8
Chloroethane
Concen: 52.298 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

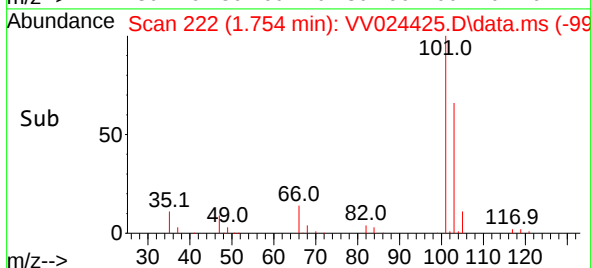
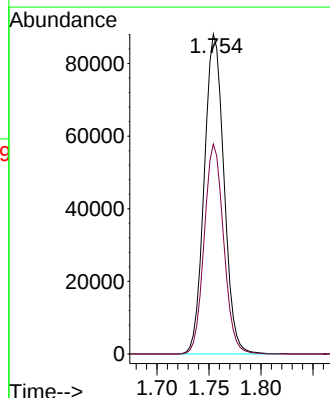
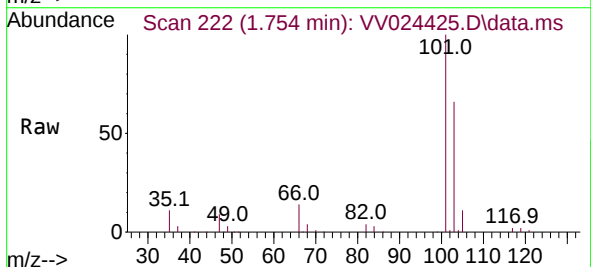
Instrument :
MSVOA_V
ClientSampleId :
VICV280

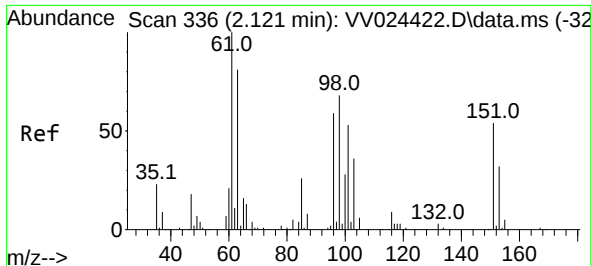
Tgt Ion: 64 Resp: 26593
Ion Ratio Lower Upper
64 100
66 31.5 21.9 40.7



#9
Trichlorofluoromethane
Concen: 51.325 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.003 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

Tgt Ion:101 Resp: 116203
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

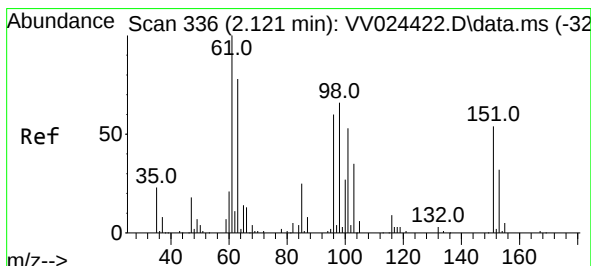
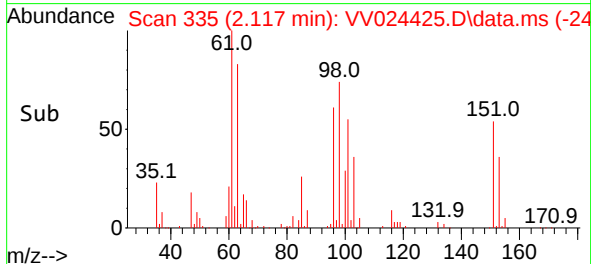
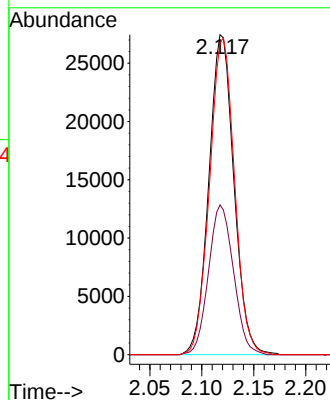
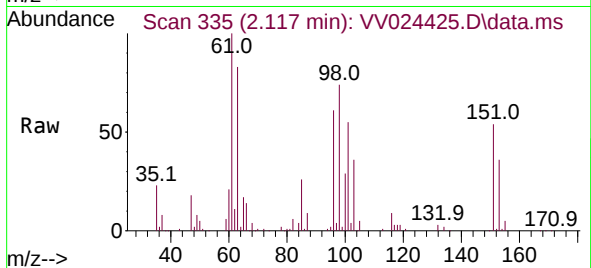




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 57.087 ug/L
 RT: 2.117 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV024425.D
 Acq: 21 Jan 2022 15:41

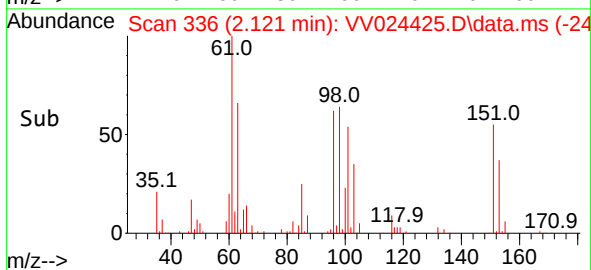
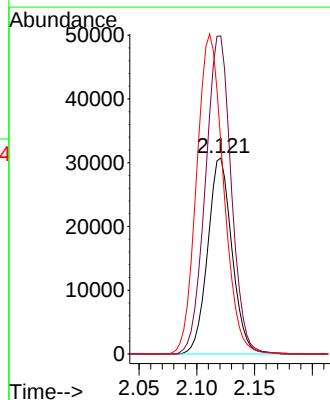
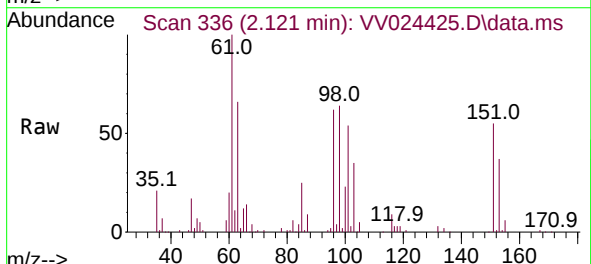
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV280

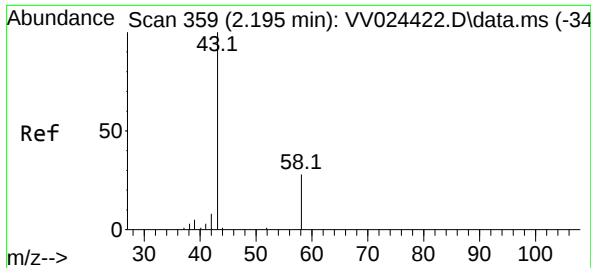
Tgt Ion:101 Resp: 46145
 Ion Ratio Lower Upper
 101 100
 85 46.6 38.6 58.0
 151 98.4 77.8 116.6



#12
 1,1-Dichloroethene
 Concen: 57.082 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV024425.D
 Acq: 21 Jan 2022 15:41

Tgt Ion: 96 Resp: 44917
 Ion Ratio Lower Upper
 96 100
 61 162.2 117.8 218.8
 63 107.5 96.4 179.0





#13

Acetone

Concen: 76.410 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV024425.D

Acq: 21 Jan 2022 15:41

Instrument :

MSVOA_V

ClientSampleId :

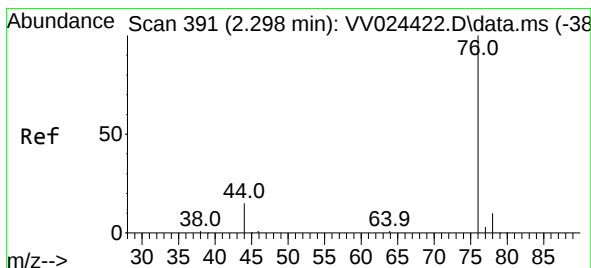
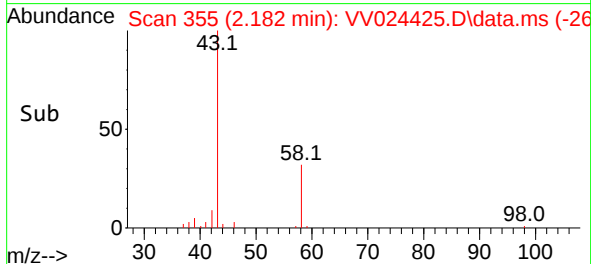
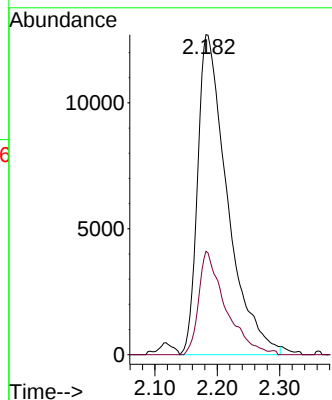
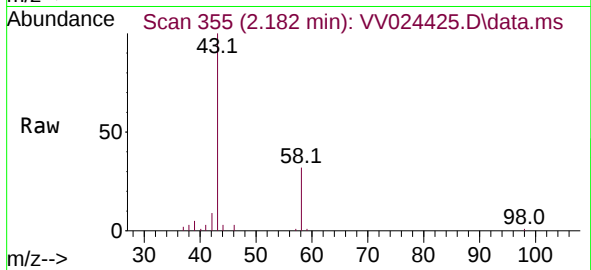
VICV280

Tgt Ion: 43 Resp: 41987

Ion Ratio Lower Upper

43 100

58 29.0 0.0 23.4#



#14

Carbon disulfide

Concen: 66.029 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV024425.D

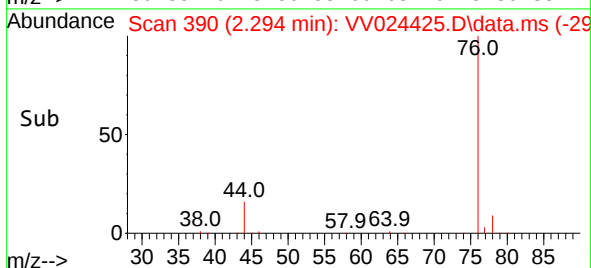
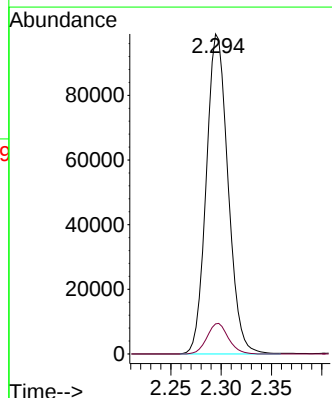
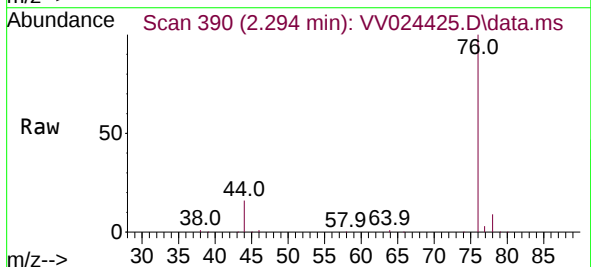
Acq: 21 Jan 2022 15:41

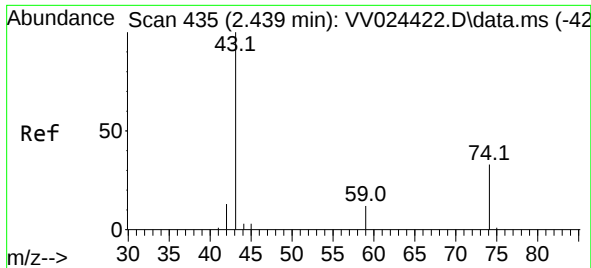
Tgt Ion: 76 Resp: 149137

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5

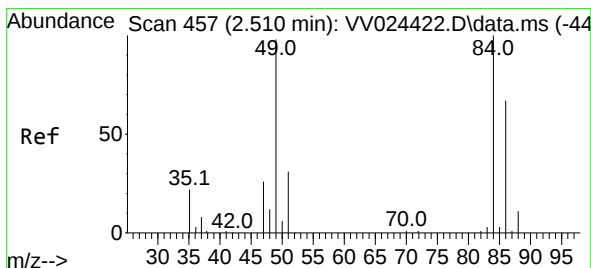
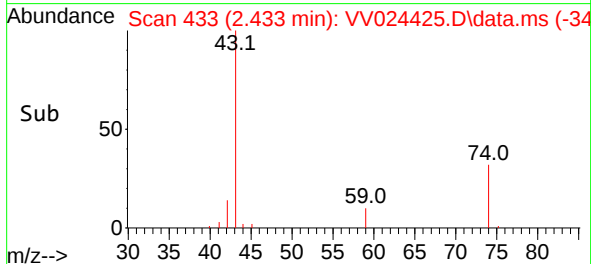
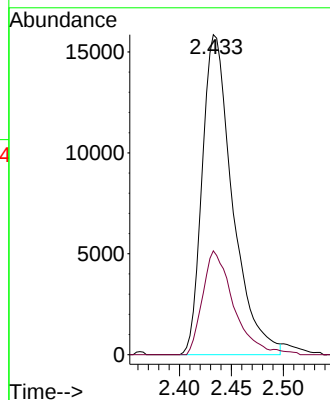
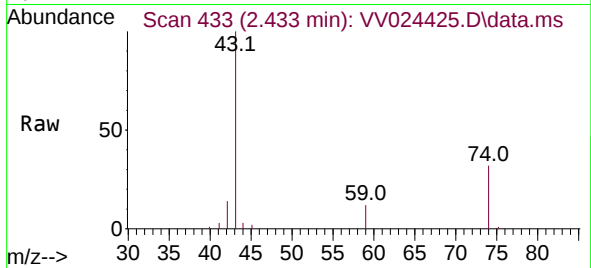




#15
Methyl Acetate
Concen: 55.156 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

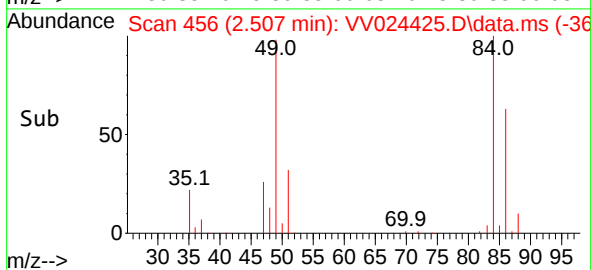
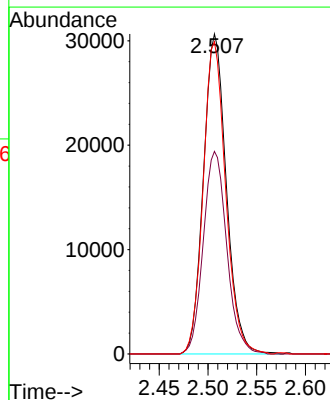
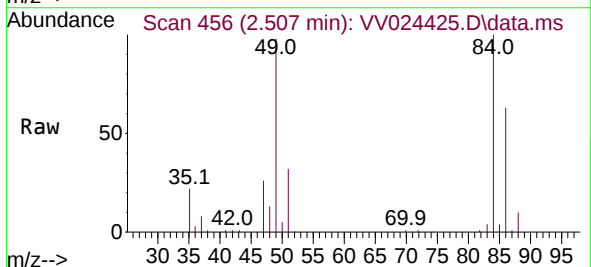
Instrument :
MSVOA_V
ClientSampleId :
VICV280

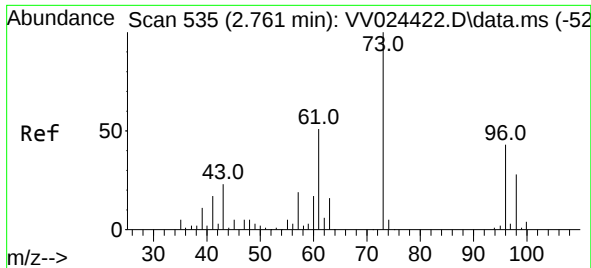
Tgt Ion: 43 Resp: 32208
Ion Ratio Lower Upper
43 100
74 32.5 24.7 37.1



#16
Methylene chloride
Concen: 55.480 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

Tgt Ion: 84 Resp: 50131
Ion Ratio Lower Upper
84 100
86 63.3 47.0 87.4
49 97.6 68.5 127.3

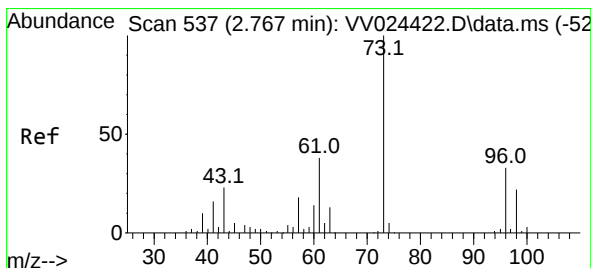
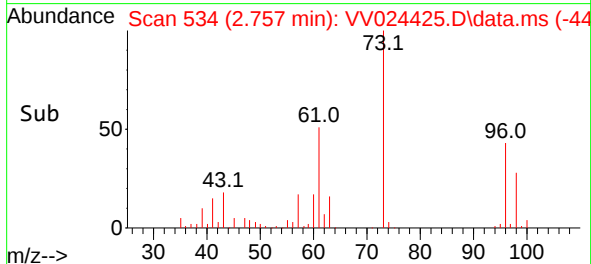
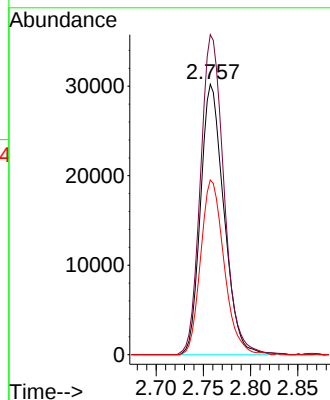
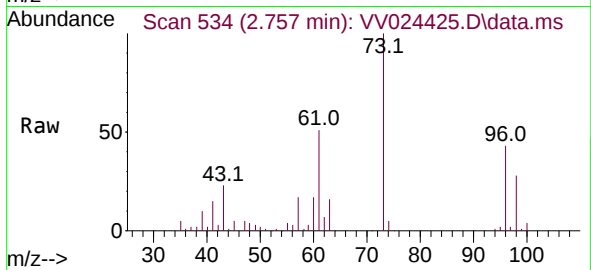




#17
trans-1,2-Dichloroethene
Concen: 56.650 ug/L
RT: 2.757 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

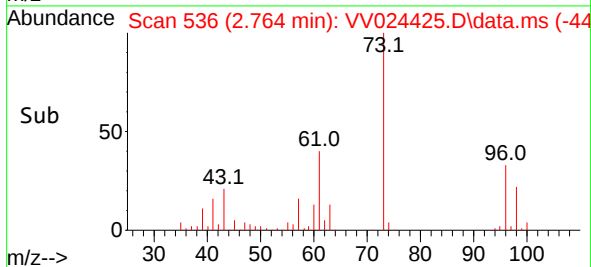
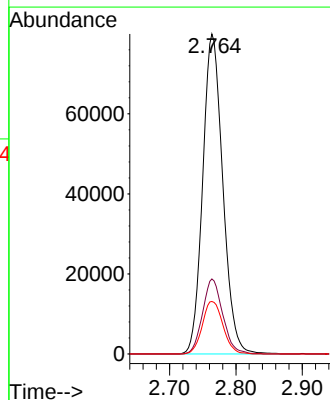
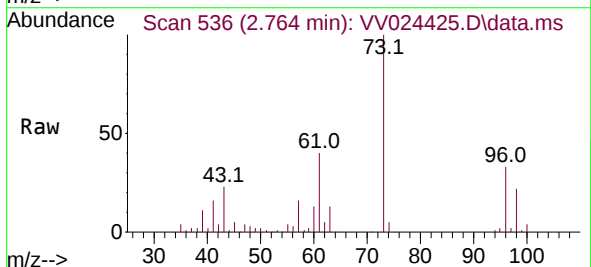
Instrument :
MSVOA_V
ClientSampleId :
VICV280

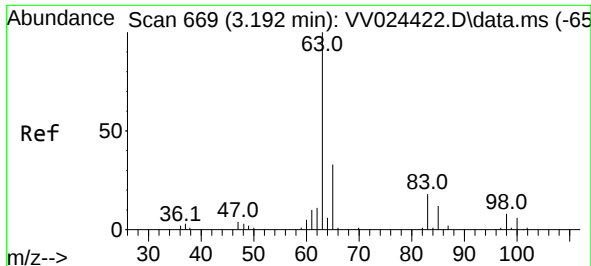
Tgt Ion: 96 Resp: 52046
Ion Ratio Lower Upper
96 100
61 118.3 83.0 154.1
98 64.6 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 53.977 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

Tgt Ion: 73 Resp: 168264
Ion Ratio Lower Upper
73 100
43 23.6 18.3 27.5
57 16.8 14.2 21.2





#19

1,1-Dichloroethane

Concen: 51.993 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.007 min

Lab File: VV024425.D

Acq: 21 Jan 2022 15:41

Instrument :

MSVOA_V

ClientSampleId :

VICV280

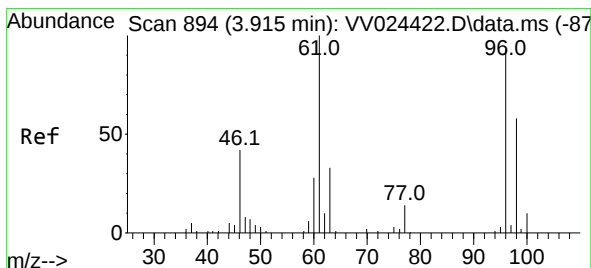
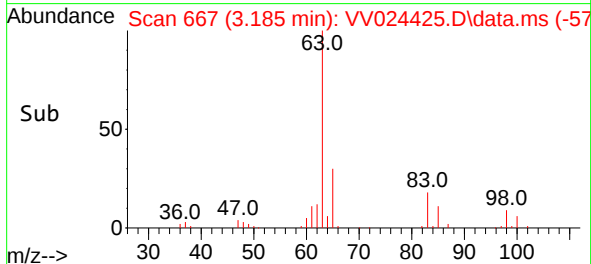
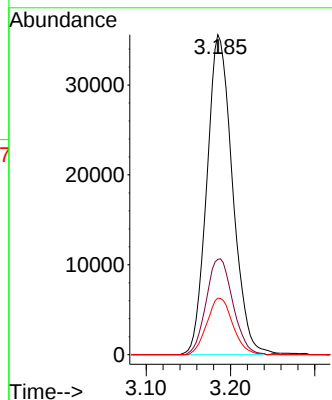
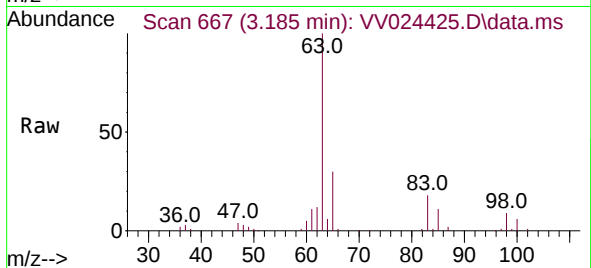
Tgt Ion: 63 Resp: 75325

Ion Ratio Lower Upper

63 100

65 29.8 22.7 42.3

83 17.7 12.7 23.7



#20

cis-1,2-Dichloroethene

Concen: 51.564 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.010 min

Lab File: VV024425.D

Acq: 21 Jan 2022 15:41

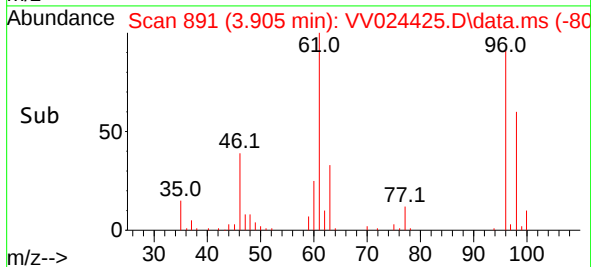
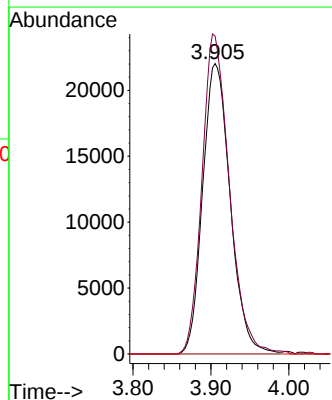
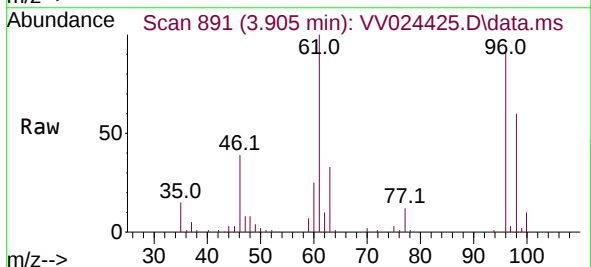
Tgt Ion: 96 Resp: 54156

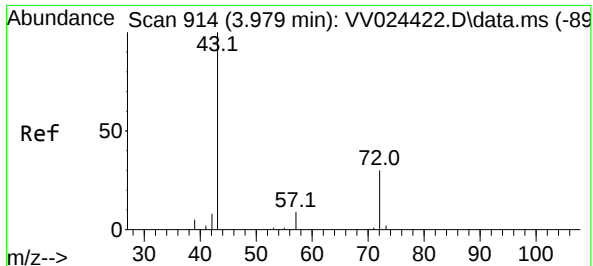
Ion Ratio Lower Upper

96 100

61 109.5 75.4 140.0

68 0.0 0.0 0.0

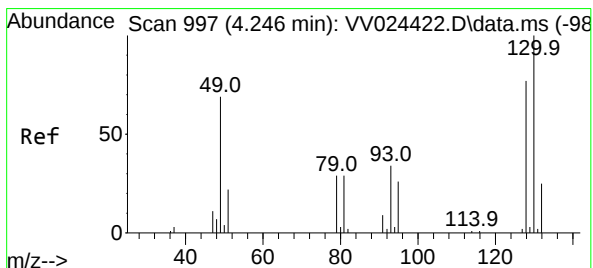
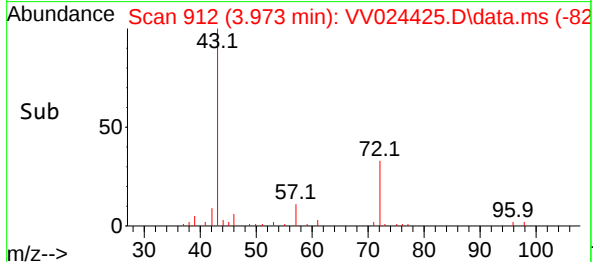
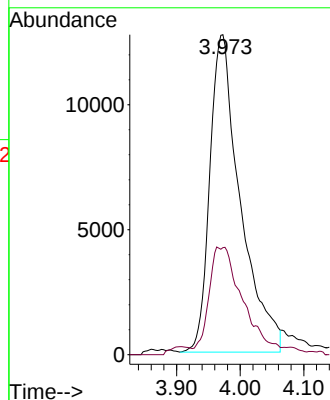
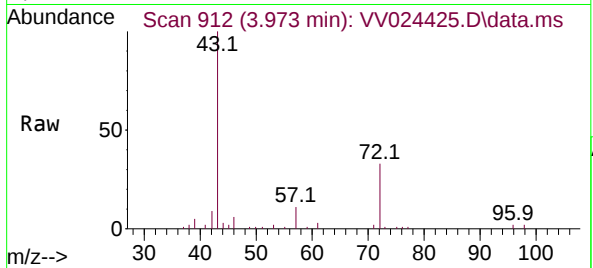




#22
2-Butanone
Concen: 78.485 ug/L
RT: 3.973 min Scan# 914
Delta R.T. -0.007 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

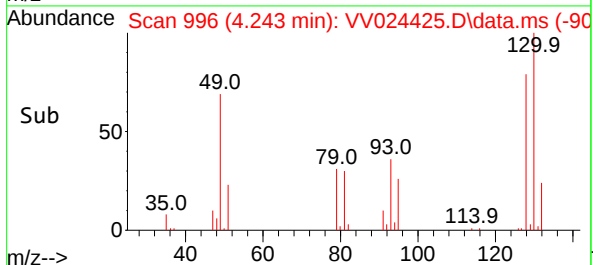
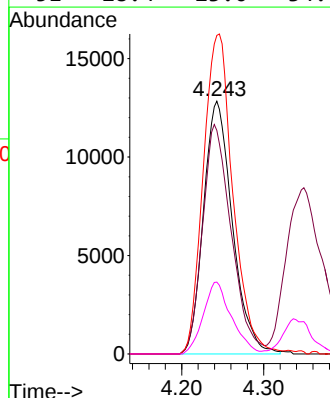
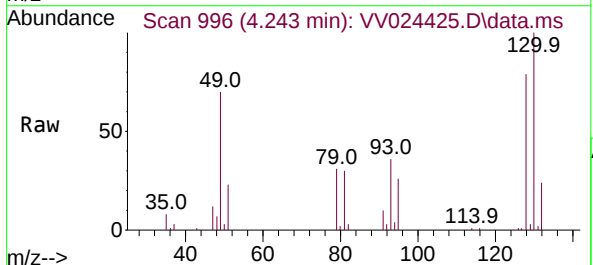
Instrument :
MSVOA_V
ClientSampleId :
VICV280

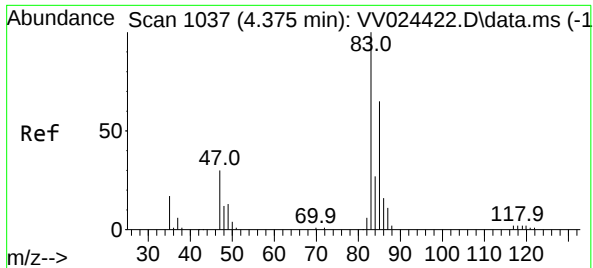
Tgt Ion: 43 Resp: 42326
Ion Ratio Lower Upper
43 100
72 12.6 7.9 23.7



#23
Bromochloromethane
Concen: 51.809 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

Tgt Ion: 128 Resp: 31485
Ion Ratio Lower Upper
128 100
49 88.4 62.4 115.8
130 126.0 91.0 169.0
51 28.4 23.0 34.6

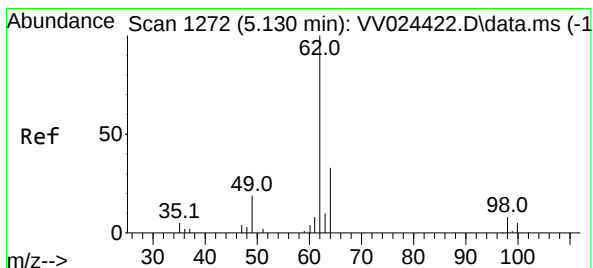
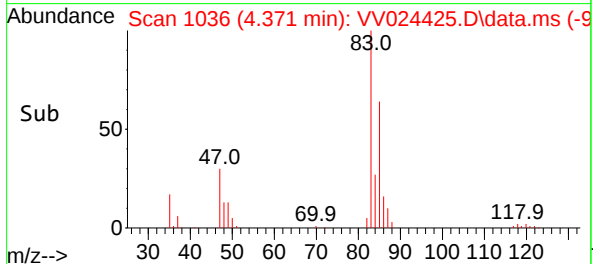
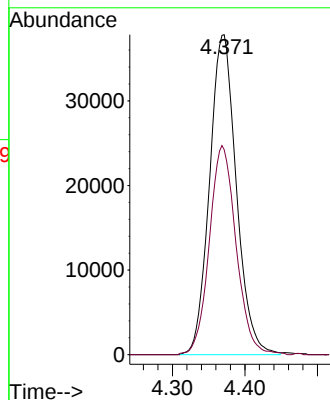
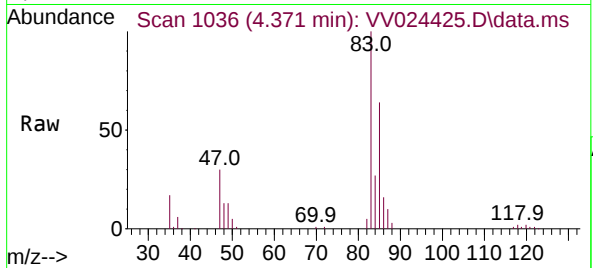




#25
Chloroform
Concen: 49.447 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

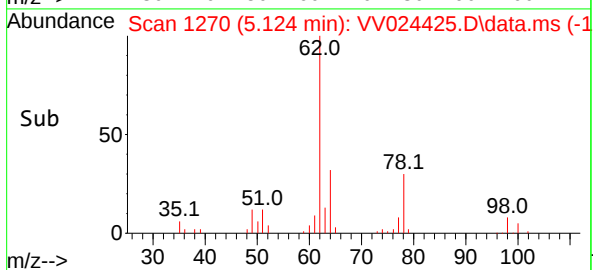
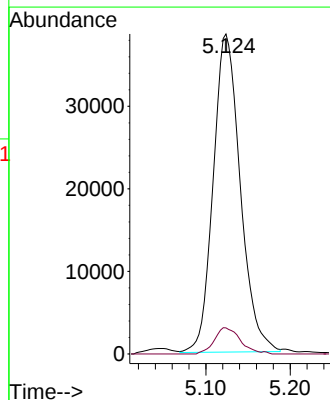
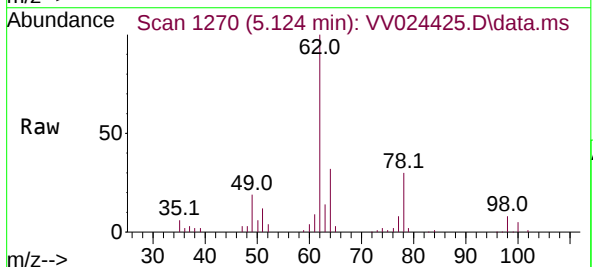
Instrument :
MSVOA_V
ClientSampleId :
VICV280

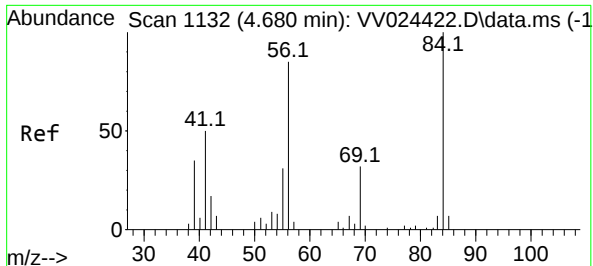
Tgt Ion: 83 Resp: 97148
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.9



#27
1,2-Dichloroethane
Concen: 49.558 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. -0.007 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

Tgt Ion: 62 Resp: 86005
Ion Ratio Lower Upper
62 100
98 8.1 6.6 9.8





#29

Cyclohexane

Concen: 53.013 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.007 min

Lab File: VV024425.D

Acq: 21 Jan 2022 15:41

Instrument :

MSVOA_V

ClientSampleId :

VICV280

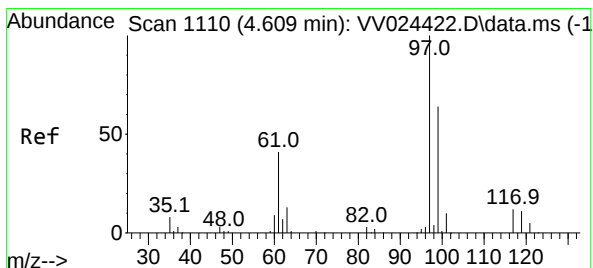
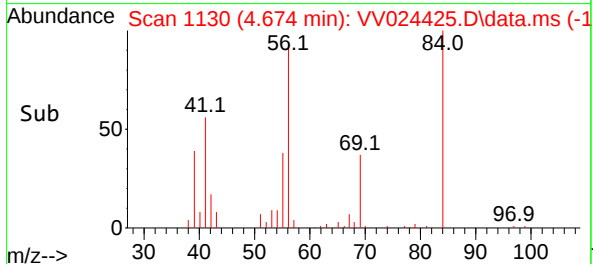
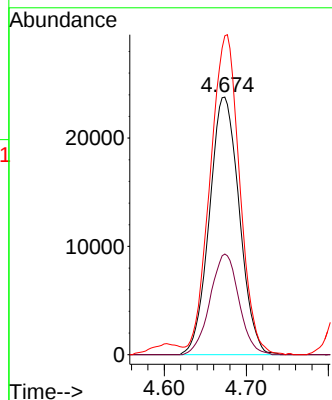
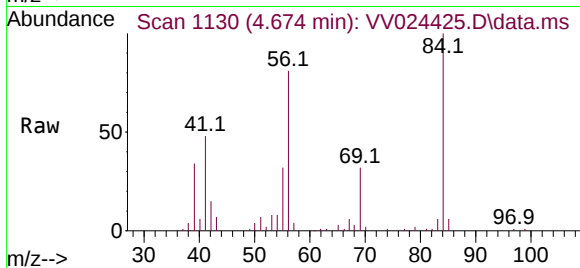
Tgt Ion: 56 Resp: 60272

Ion Ratio Lower Upper

56 100

69 37.7 29.5 44.3

84 122.8 95.8 143.8



#30

1,1,1-Trichloroethane

Concen: 51.495 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.007 min

Lab File: VV024425.D

Acq: 21 Jan 2022 15:41

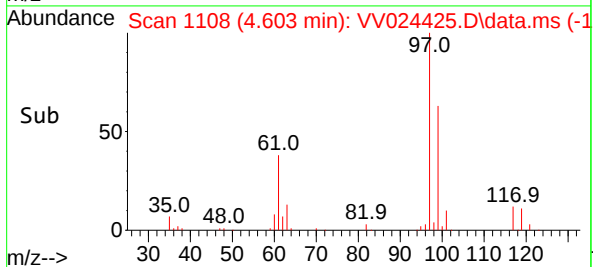
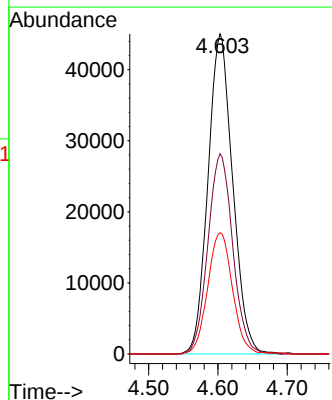
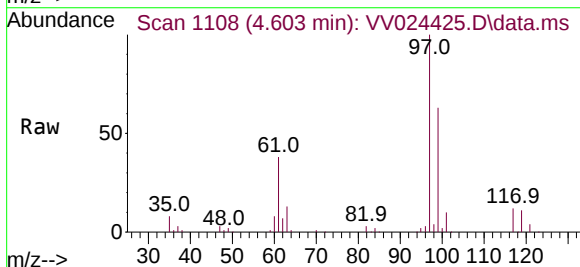
Tgt Ion: 97 Resp: 111536

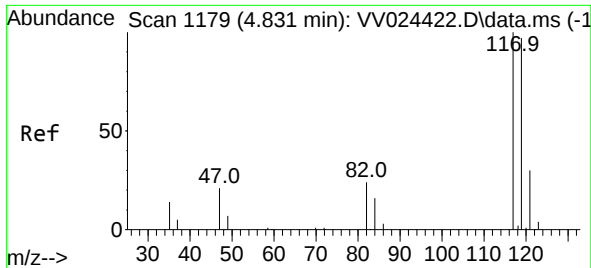
Ion Ratio Lower Upper

97 100

99 63.0 50.5 75.7

61 37.9 32.5 48.7

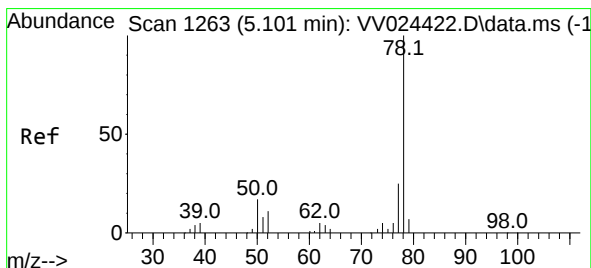
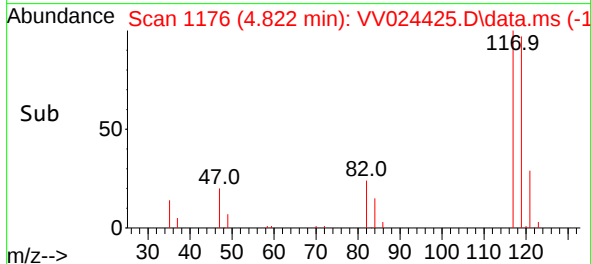
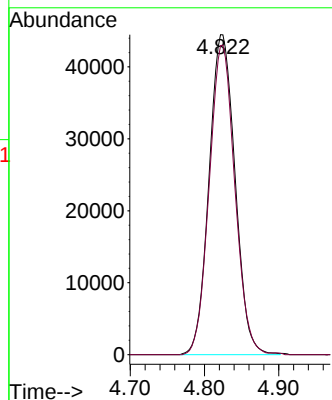
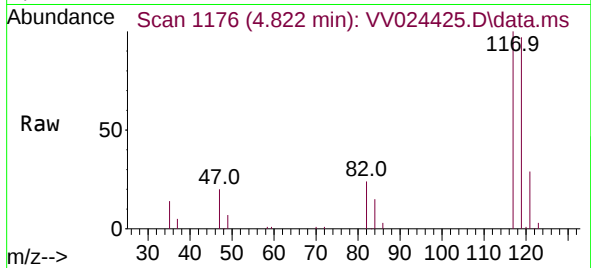




#31
Carbon tetrachloride
Concen: 51.005 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.010 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

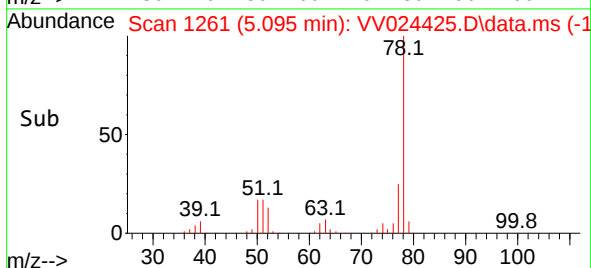
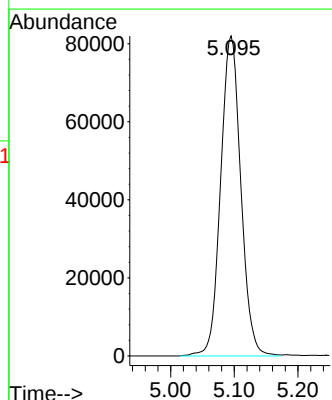
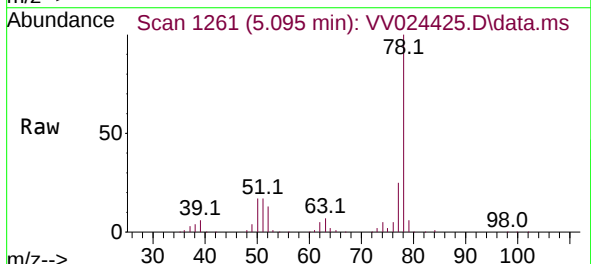
Instrument :
MSVOA_V
ClientSampleId :
VICV280

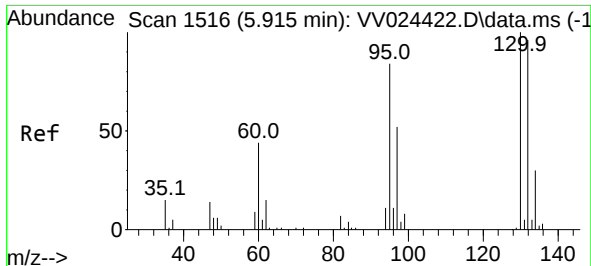
Tgt Ion:117 Resp: 108184
Ion Ratio Lower Upper
117 100
119 95.1 79.0 118.4



#33
Benzene
Concen: 50.475 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.007 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

Tgt Ion: 78 Resp: 180744

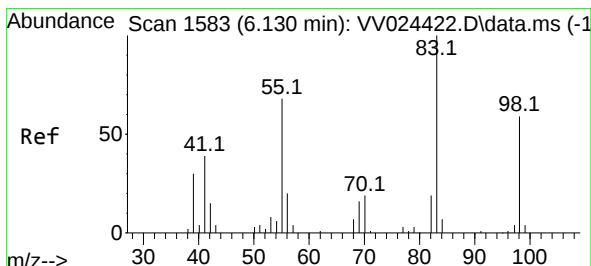
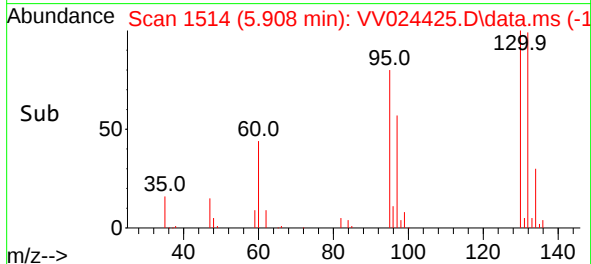
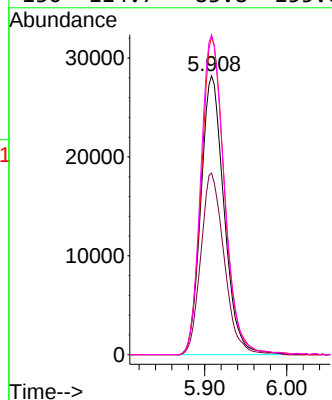
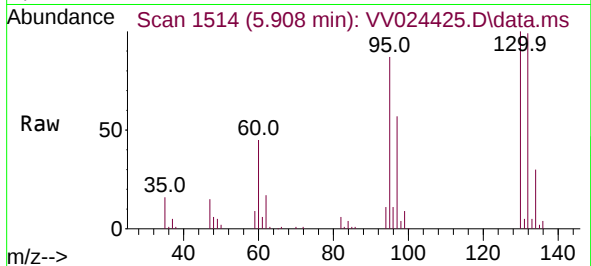




#34
Trichloroethene
Concen: 49.706 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.007 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

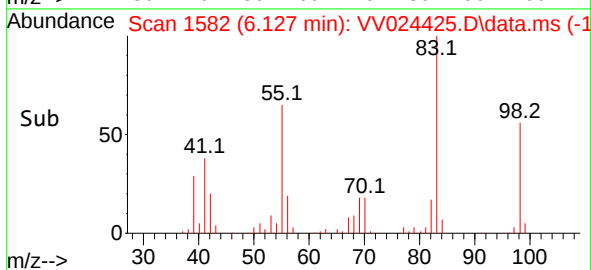
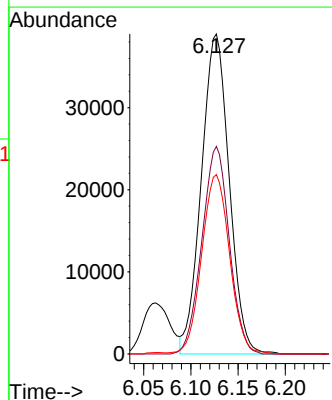
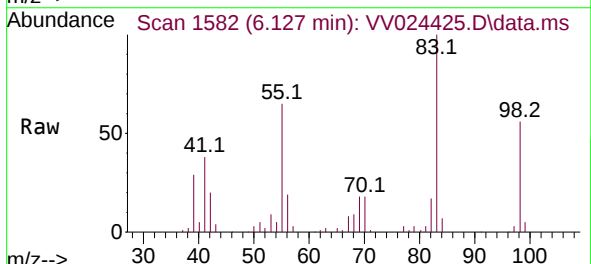
Instrument :
MSVOA_V
ClientSampleId :
VICV280

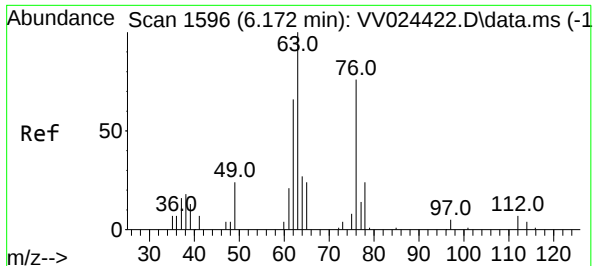
Tgt Ion: 95 Resp: 55285
Ion Ratio Lower Upper
95 100
97 65.1 43.5 80.9
132 113.9 80.5 149.5
130 114.7 83.8 155.6



#35
Methylcyclohexane
Concen: 51.021 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

Tgt Ion: 83 Resp: 79894
Ion Ratio Lower Upper
83 100
55 63.7 53.0 79.4
98 56.4 46.2 69.2





#37

1,2-Dichloropropane

Concen: 50.246 ug/L

RT: 6.166 min Scan# 1

Delta R.T. -0.007 min

Lab File: VV024425.D

Acq: 21 Jan 2022 15:41

Instrument :

MSVOA_V

ClientSampleId :

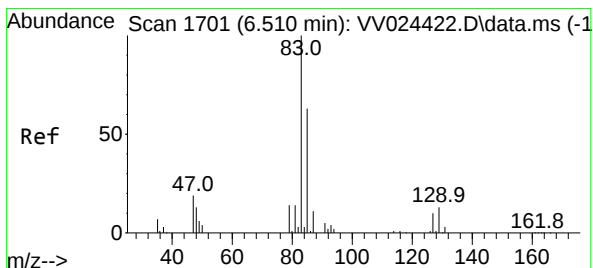
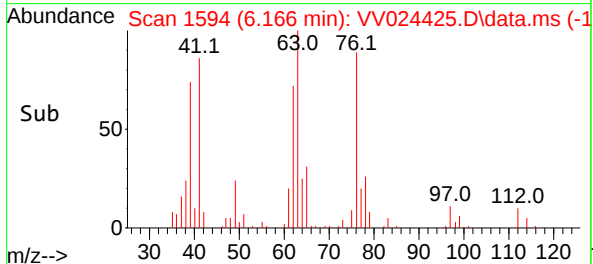
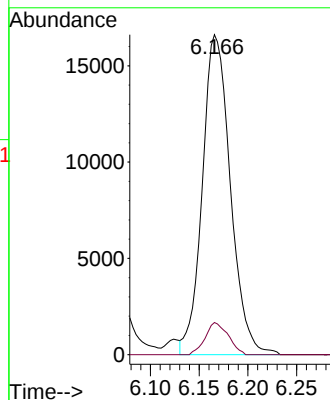
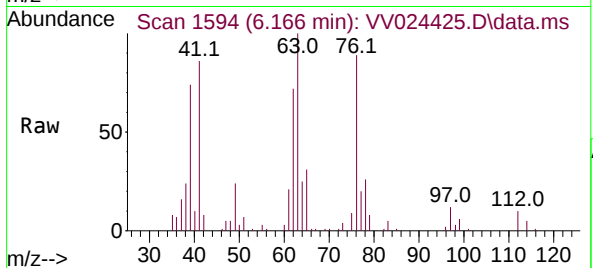
VICV280

Tgt Ion: 63 Resp: 33324

Ion Ratio Lower Upper

63 100

112 8.2 5.7 8.5



#38

Bromodichloromethane

Concen: 50.314 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.007 min

Lab File: VV024425.D

Acq: 21 Jan 2022 15:41

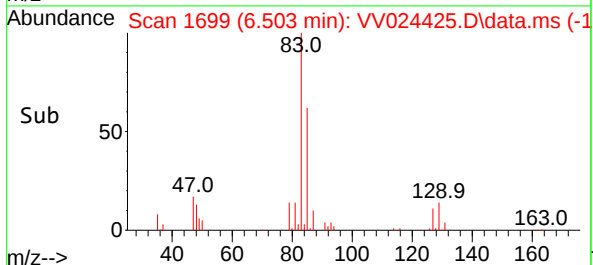
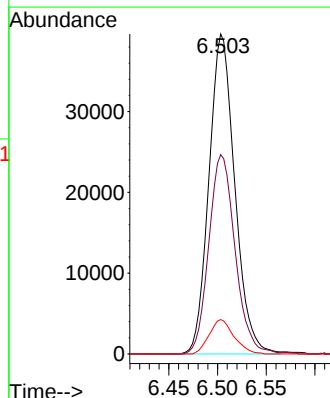
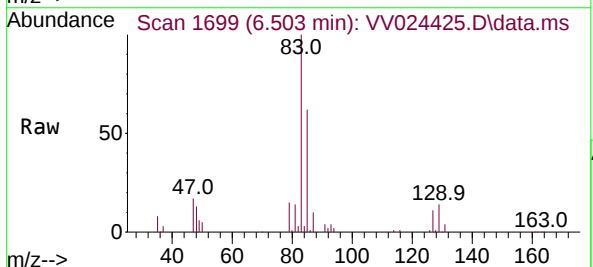
Tgt Ion: 83 Resp: 73088

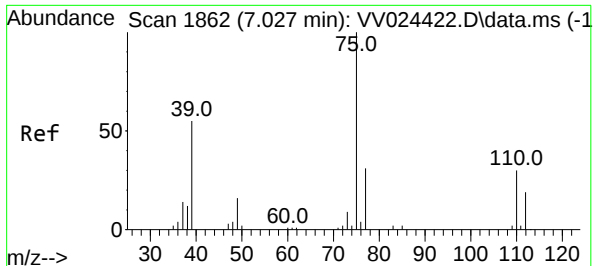
Ion Ratio Lower Upper

83 100

85 62.3 44.4 82.5

127 10.8 7.9 11.9





#39

cis-1,3-Dichloropropene

Concen: 50.375 ug/L

RT: 7.021 min Scan# 11

Delta R.T. -0.007 min

Lab File: VV024425.D

Acq: 21 Jan 2022 15:41

Instrument :

MSVOA_V

ClientSampleId :

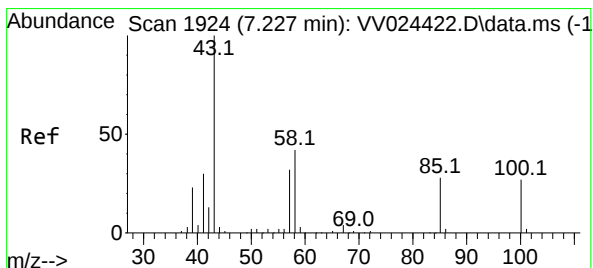
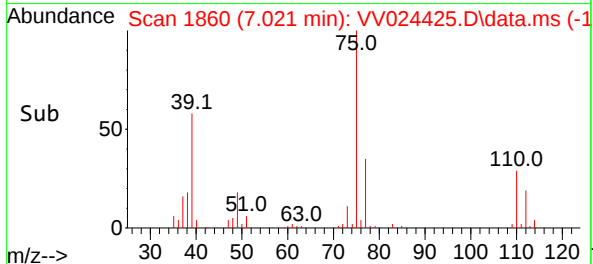
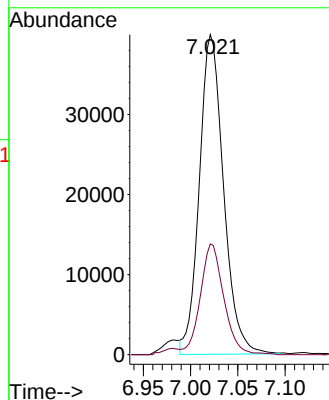
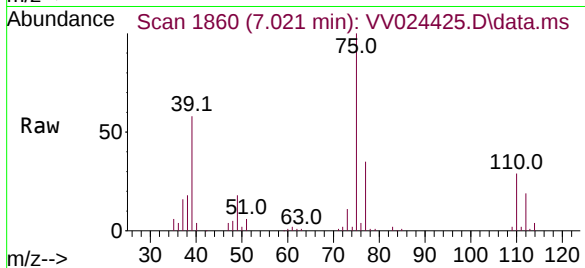
VICV280

Tgt Ion: 75 Resp: 71185

Ion Ratio Lower Upper

75 100

77 34.6 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 96.721 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.007 min

Lab File: VV024425.D

Acq: 21 Jan 2022 15:41

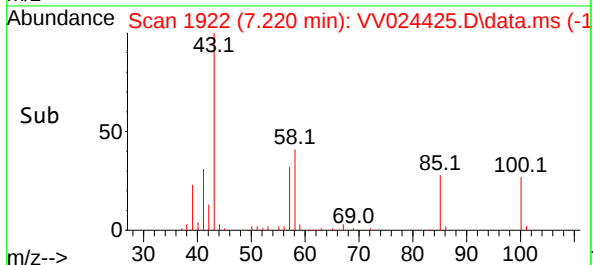
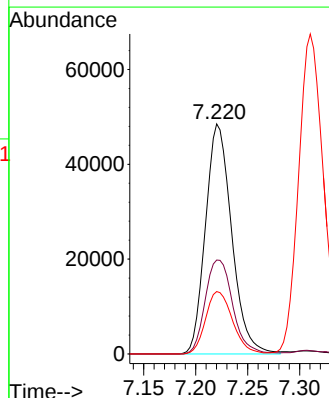
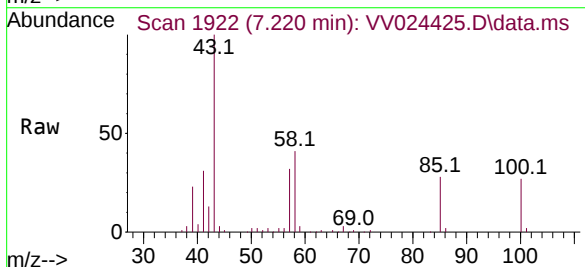
Tgt Ion: 43 Resp: 85238

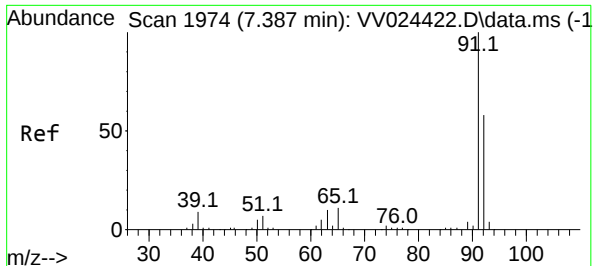
Ion Ratio Lower Upper

43 100

58 42.7 33.7 50.5

100 27.8 21.3 31.9





#42

Toluene

Concen: 49.616 ug/L

RT: 7.381 min Scan# 1974

Delta R.T. -0.007 min

Lab File: VV024425.D

Acq: 21 Jan 2022 15:41

Instrument :

MSVOA_V

ClientSampleId :

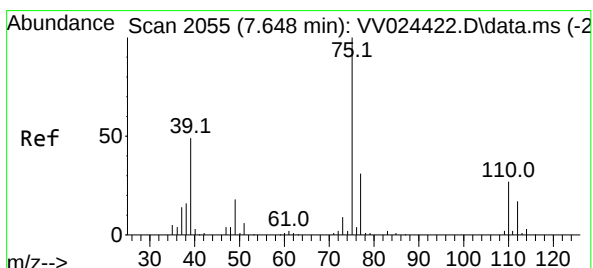
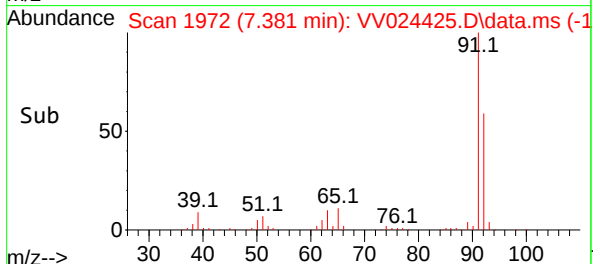
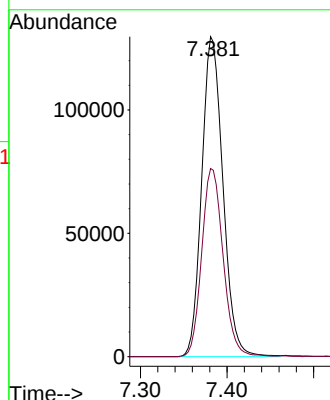
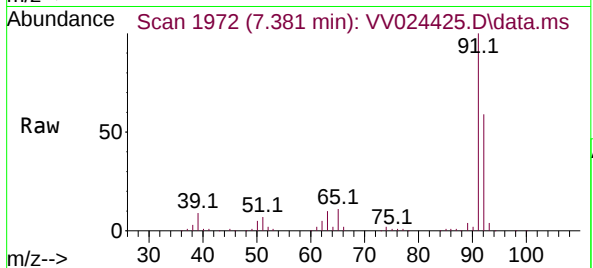
VICV280

Tgt Ion: 91 Resp: 220656

Ion Ratio Lower Upper

91 100

92 58.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 50.419 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.003 min

Lab File: VV024425.D

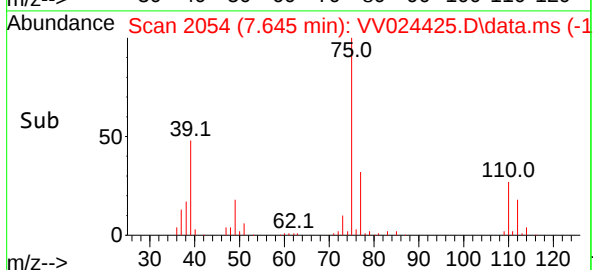
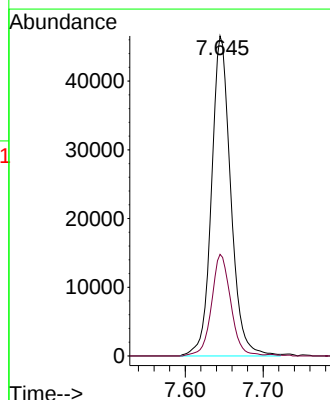
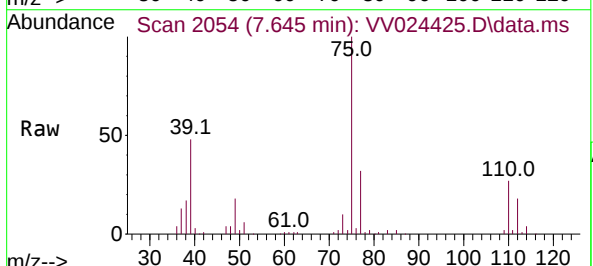
Acq: 21 Jan 2022 15:41

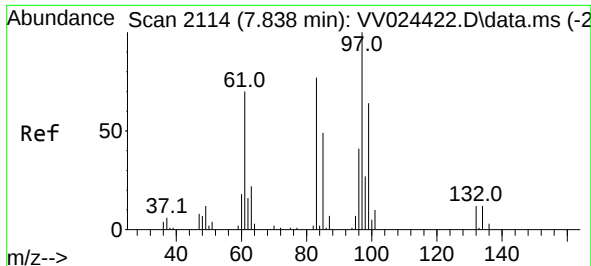
Tgt Ion: 75 Resp: 79949

Ion Ratio Lower Upper

75 100

77 31.8 21.5 39.9





#45

1,1,2-Trichloroethane

Concen: 49.267 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. -0.003 min

Lab File: VV024425.D

Acq: 21 Jan 2022 15:41

Instrument :

MSVOA_V

ClientSampleId :

VICV280

Tgt Ion: 97 Resp: 44149

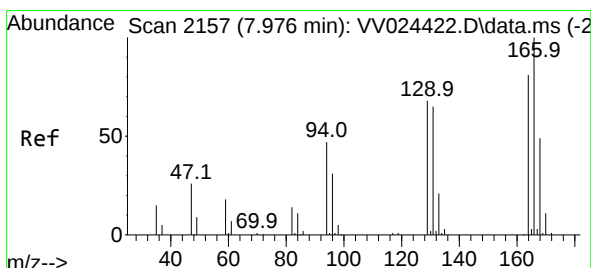
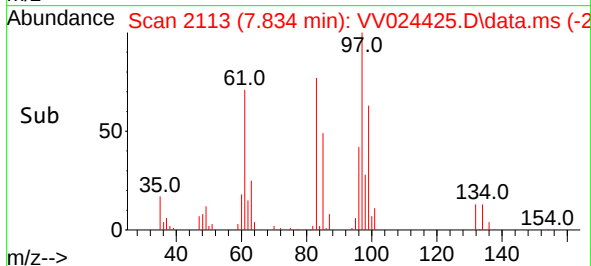
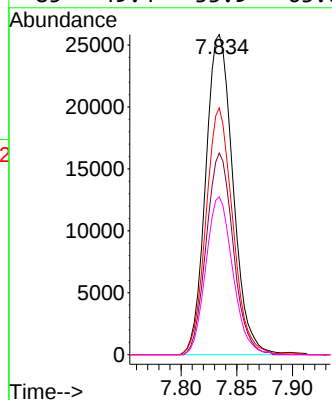
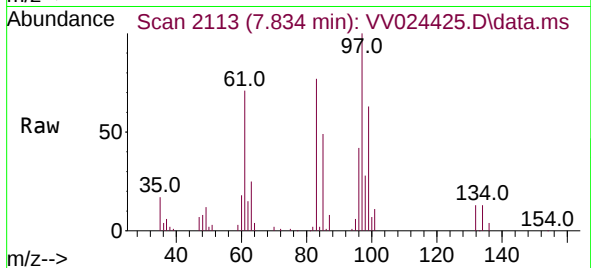
Ion Ratio Lower Upper

97 100

99 63.1 44.8 83.2

83 77.1 53.5 99.5

85 49.4 33.9 63.0



#46

Tetrachloroethene

Concen: 51.065 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV024425.D

Acq: 21 Jan 2022 15:41

Tgt Ion:164 Resp: 57523

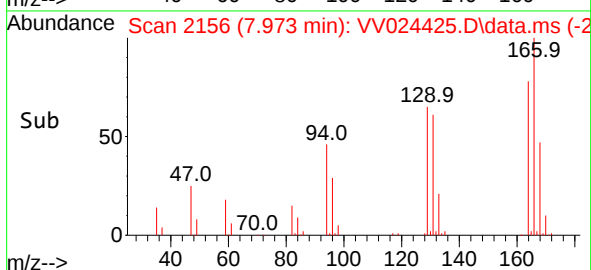
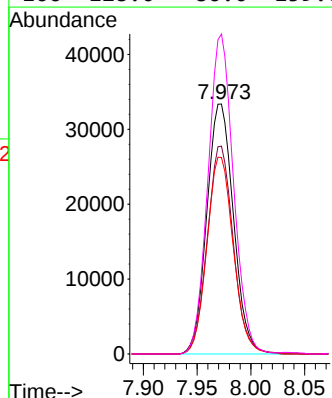
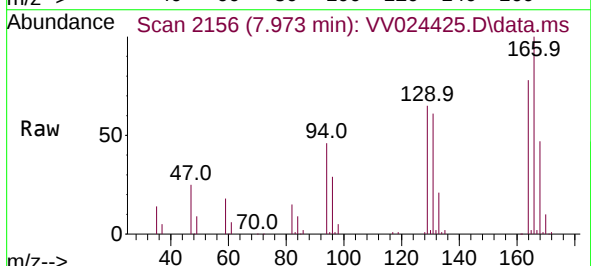
Ion Ratio Lower Upper

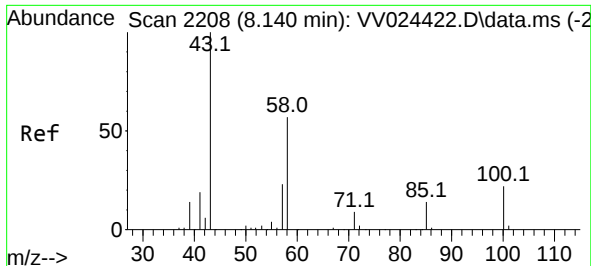
164 100

129 83.2 58.4 108.6

131 78.6 56.1 104.1

166 128.0 86.0 159.6

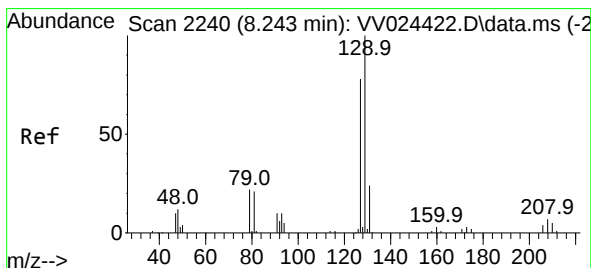
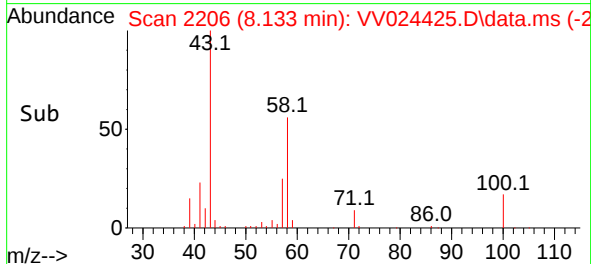
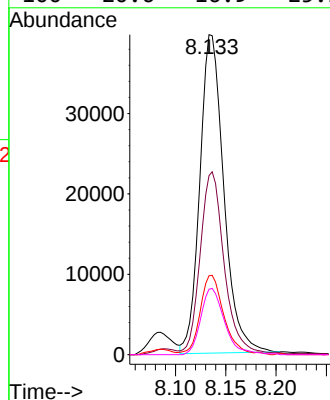
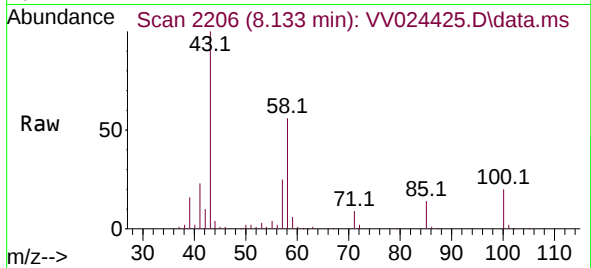




#48
2-Hexanone
Concen: 93.766 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.007 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

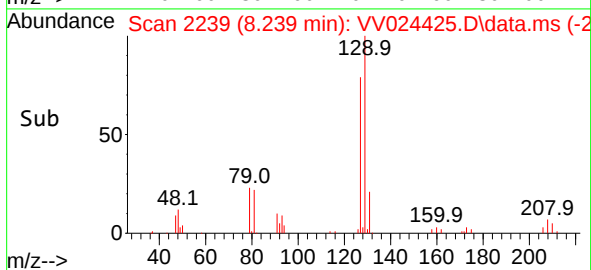
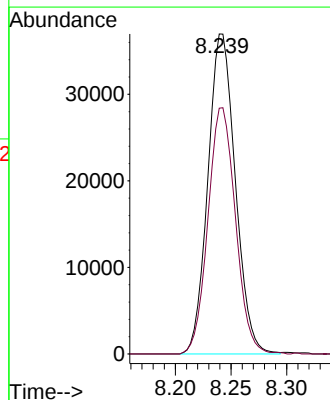
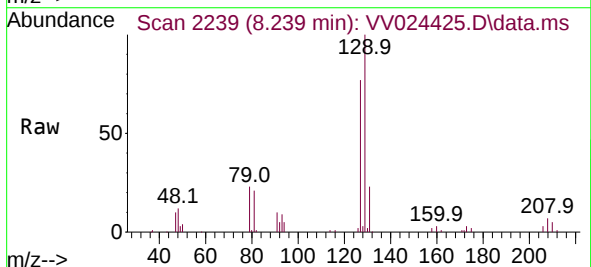
Instrument :
MSVOA_V
ClientSampleId :
VICV280

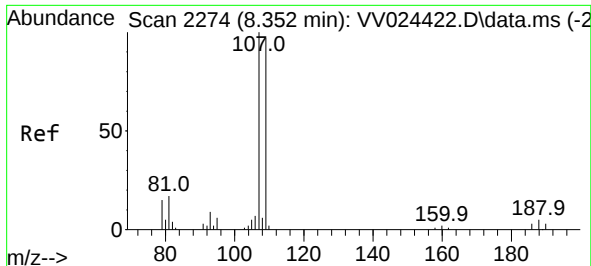
Tgt Ion: 43	Resp: 65841
Ion Ratio	Lower Upper
43 100	
58 56.2	46.2 69.4
57 24.5	19.3 28.9
100 20.6	16.9 25.3



#49
Dibromochloromethane
Concen: 50.164 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.003 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

Tgt Ion:129	Resp: 63412		
Ion Ratio	Lower	Upper	
129 100			
127 76.8	54.9	102.1	





#50

1,2-Dibromoethane

Concen: 49.080 ug/L

RT: 8.346 min Scan# 21

Delta R.T. -0.007 min

Lab File: VV024425.D

Acq: 21 Jan 2022 15:41

Instrument :

MSVOA_V

ClientSampleId :

VICV280

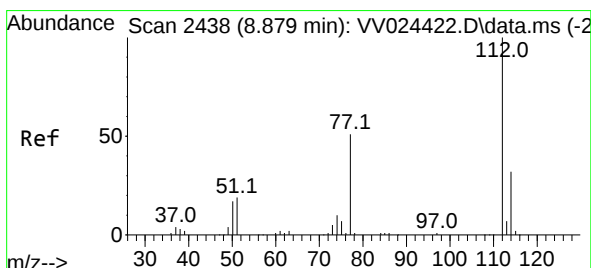
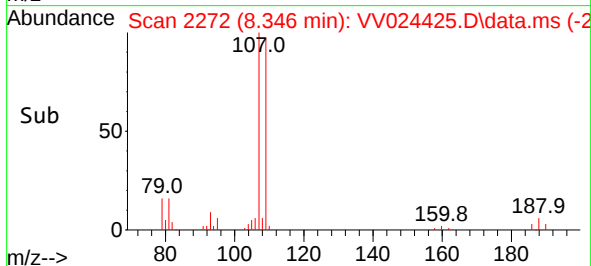
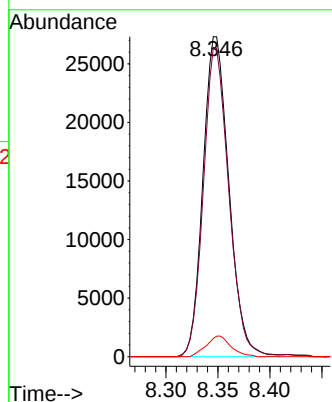
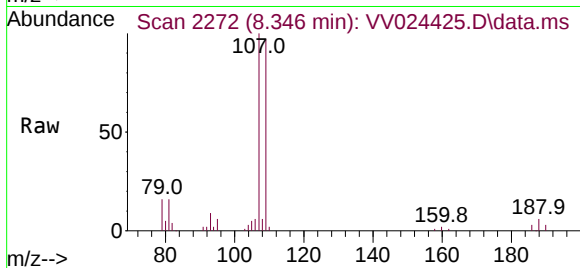
Tgt Ion:107 Resp: 47273

Ion Ratio Lower Upper

107 100

109 96.7 67.5 125.4

188 5.7 3.9 5.9



#51

Chlorobenzene

Concen: 49.152 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.003 min

Lab File: VV024425.D

Acq: 21 Jan 2022 15:41

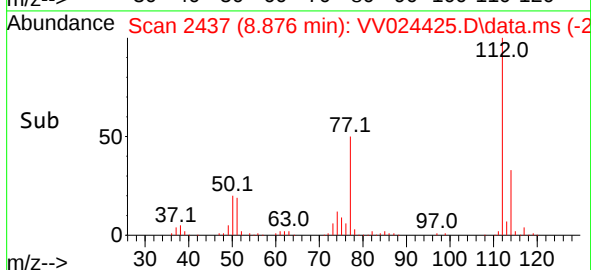
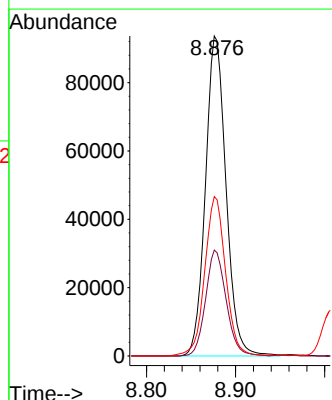
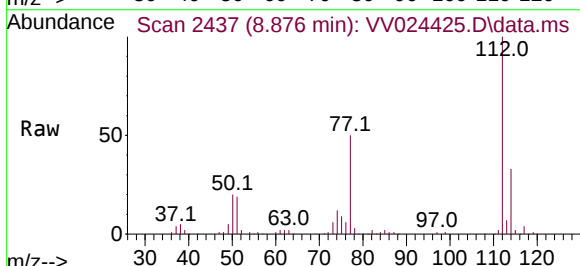
Tgt Ion:112 Resp: 150299

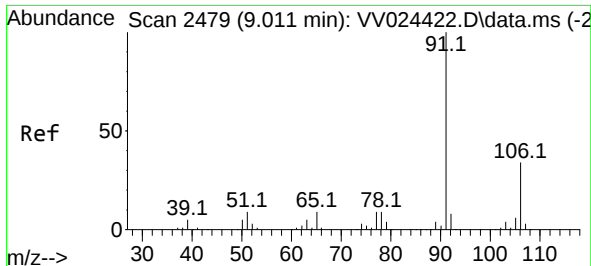
Ion Ratio Lower Upper

112 100

114 33.1 22.0 41.0

77 49.8 42.0 63.0

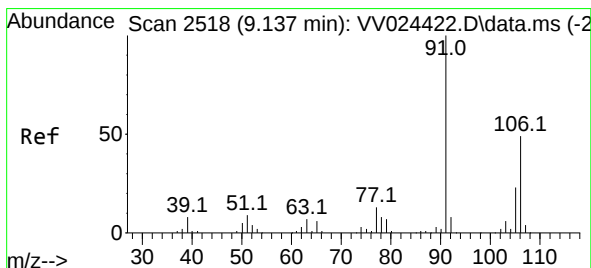
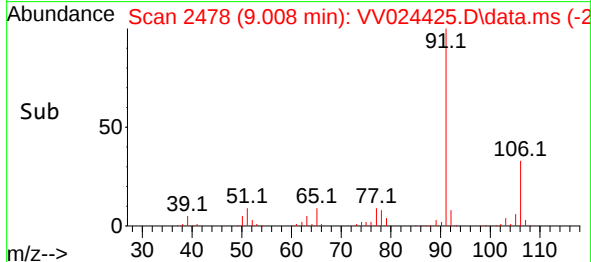
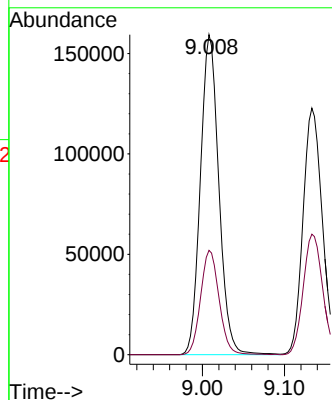
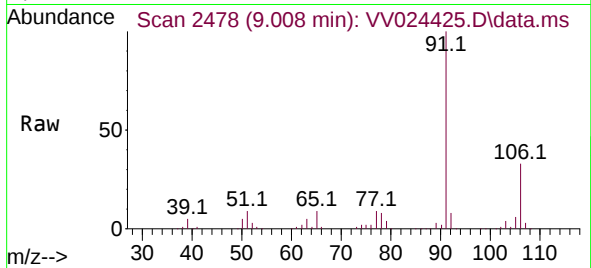




#52
Ethylbenzene
Concen: 51.522 ug/L
RT: 9.008 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

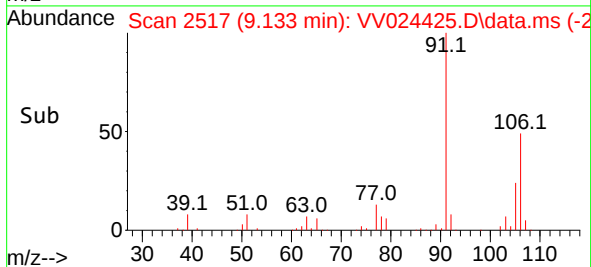
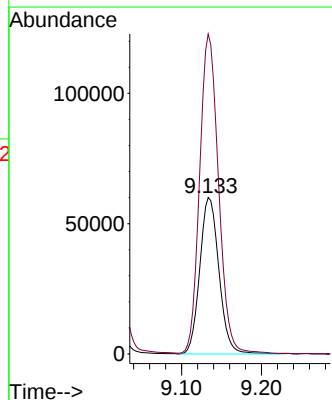
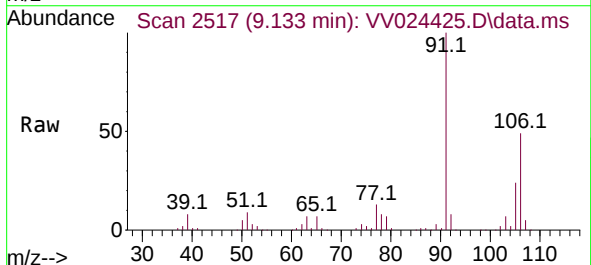
Instrument :
MSVOA_V
ClientSampleId :
VICV280

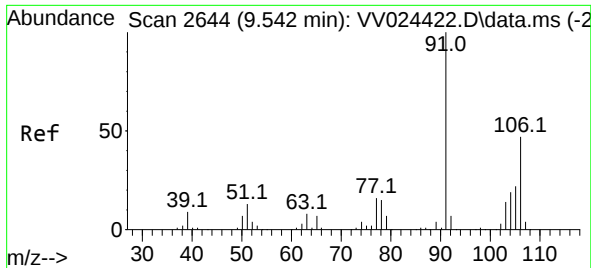
Tgt Ion: 91 Resp: 248599
Ion Ratio Lower Upper
91 100
106 32.6 23.8 44.2



#53
m,p-Xylene
Concen: 49.376 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

Tgt Ion:106 Resp: 100149
Ion Ratio Lower Upper
106 100
91 204.5 142.0 263.8

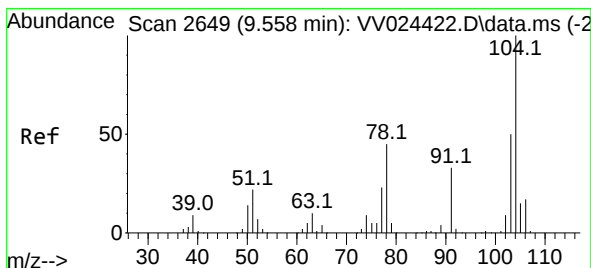
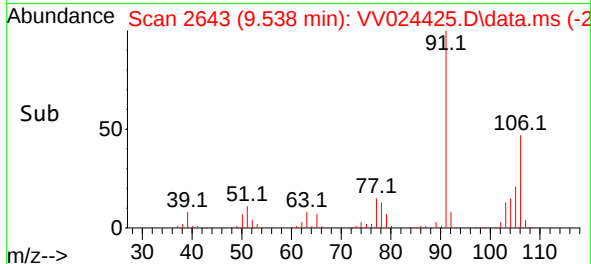
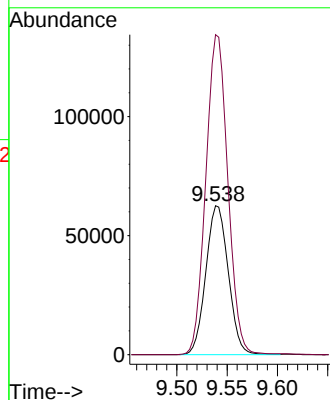
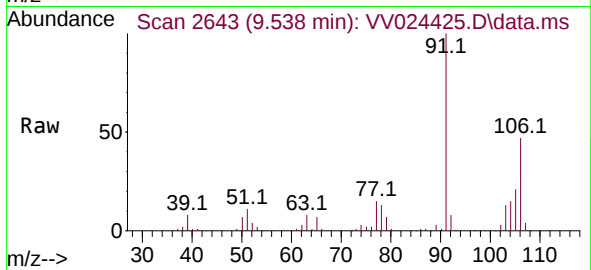




#54
o-Xylene
Concen: 49.801 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

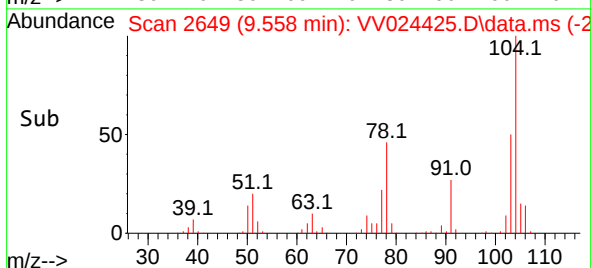
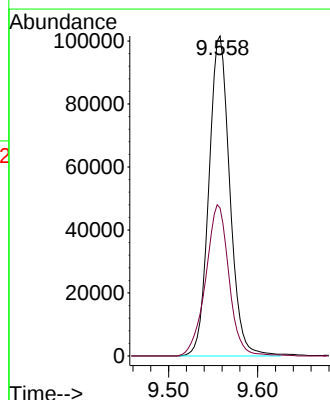
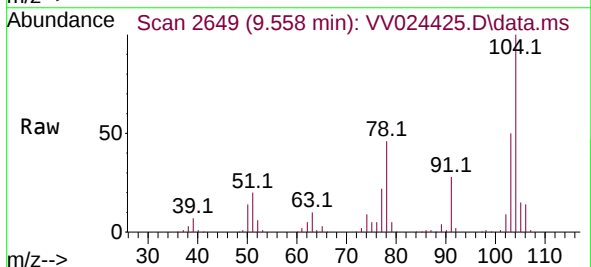
Instrument :
MSVOA_V
ClientSampleId :
VICV280

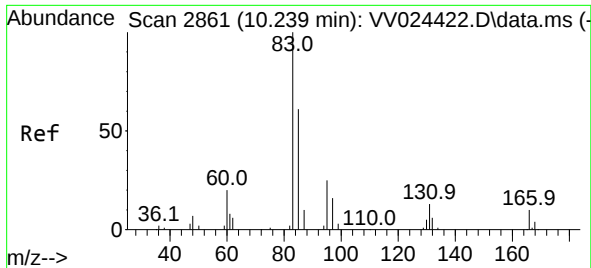
Tgt Ion:106 Resp: 97326
Ion Ratio Lower Upper
106 100
91 214.7 148.1 275.1



#55
Styrene
Concen: 49.688 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

Tgt Ion:104 Resp: 165359
Ion Ratio Lower Upper
104 100
78 46.3 31.6 58.8





#57

1,1,2,2-Tetrachloroethane

Concen: 47.312 ug/L

RT: 10.236 min Scan# 2861

Delta R.T. -0.003 min

Lab File: VV024425.D

Acq: 21 Jan 2022 15:41

Instrument :

MSVOA_V

ClientSampleId :

VICV280

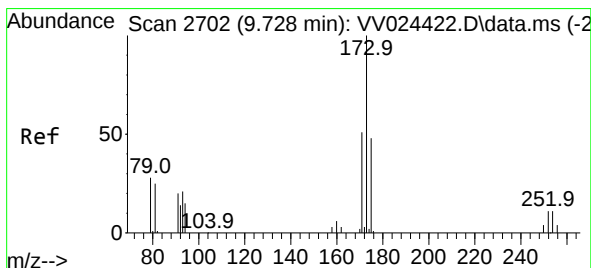
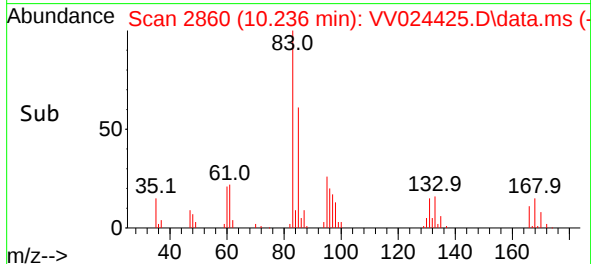
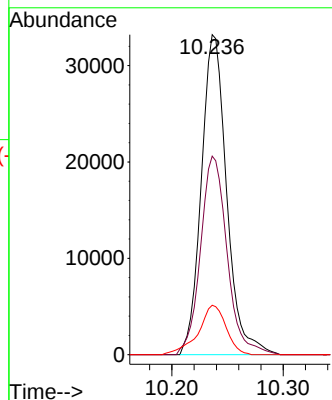
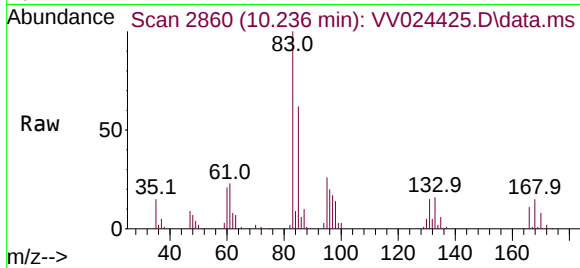
Tgt Ion: 83 Resp: 52554

Ion Ratio Lower Upper

83 100

85 62.0 44.2 82.0

131 15.4 11.9 17.9



#59

Bromoform

Concen: 52.424 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV024425.D

Acq: 21 Jan 2022 15:41

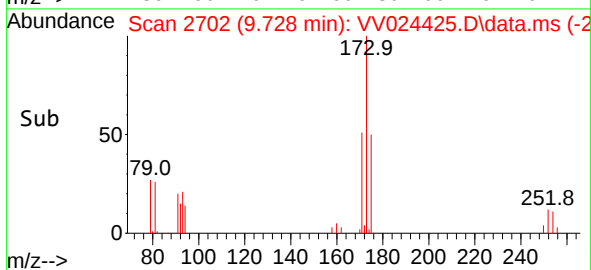
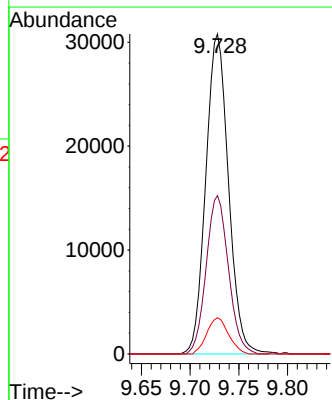
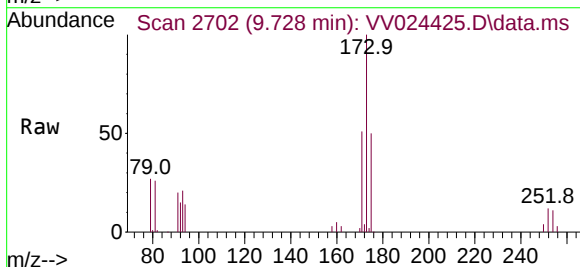
Tgt Ion: 173 Resp: 49779

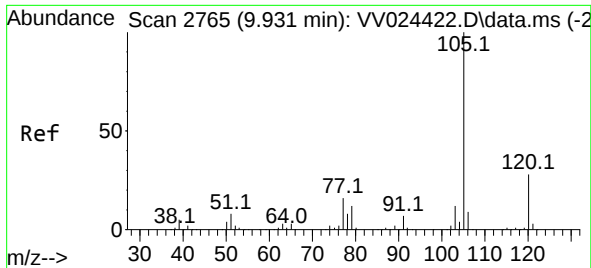
Ion Ratio Lower Upper

173 100

175 48.5 39.4 59.2

254 10.8 9.0 13.6

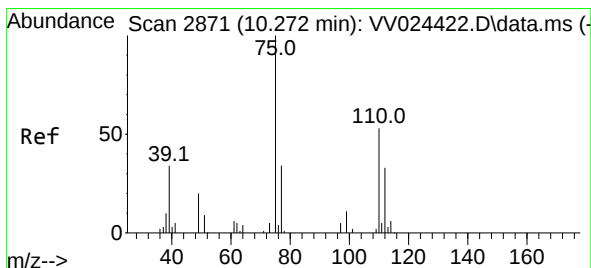
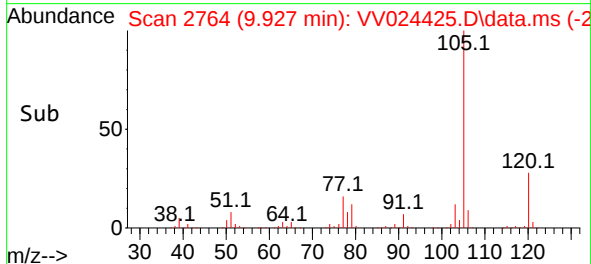
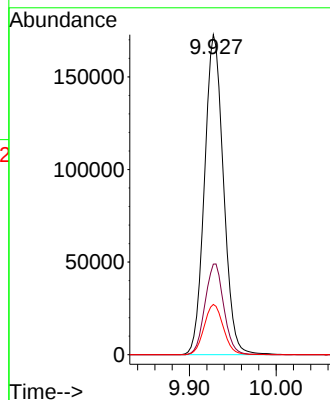
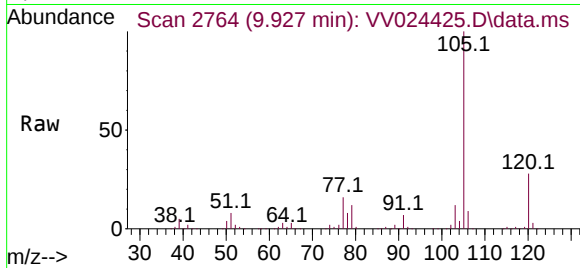




#60
Isopropylbenzene
Concen: 51.833 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

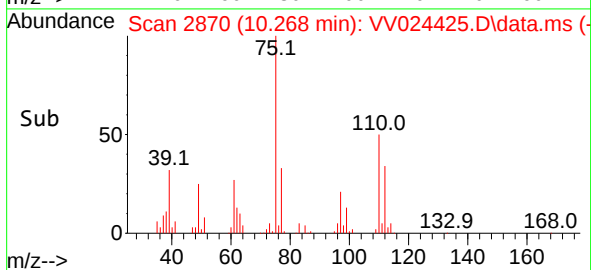
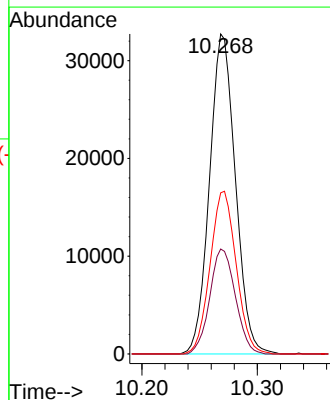
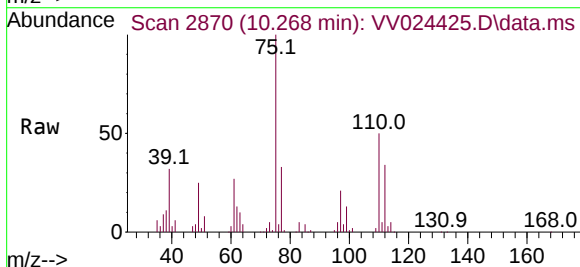
Instrument :
MSVOA_V
ClientSampleId :
VICV280

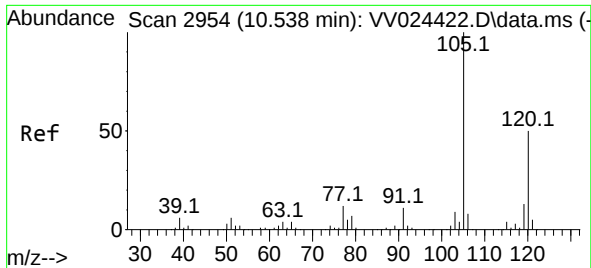
Tgt Ion:105 Resp: 263066
Ion Ratio Lower Upper
105 100
120 28.0 22.1 33.1
77 15.9 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 49.094 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

Tgt Ion: 75 Resp: 50964
Ion Ratio Lower Upper
75 100
77 32.4 26.6 39.8
110 51.3 43.0 64.6





#62

1,3,5-Trimethylbenzene

Concen: 49.672 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV024425.D

Acq: 21 Jan 2022 15:41

Instrument :

MSVOA_V

ClientSampleId :

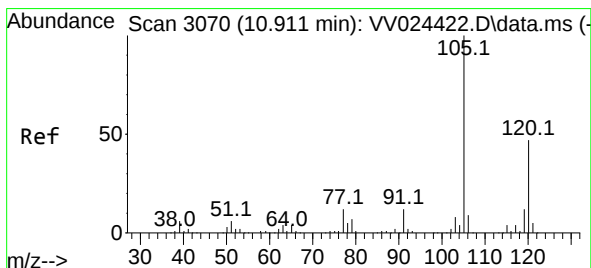
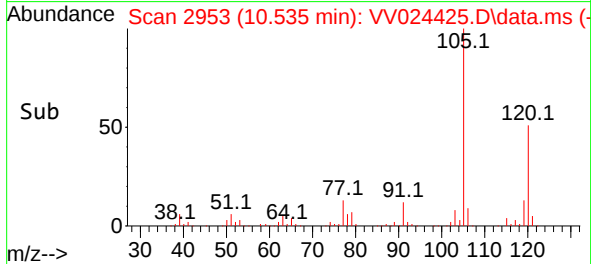
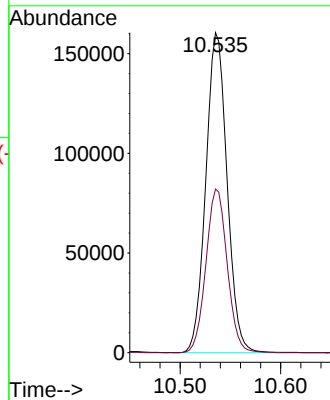
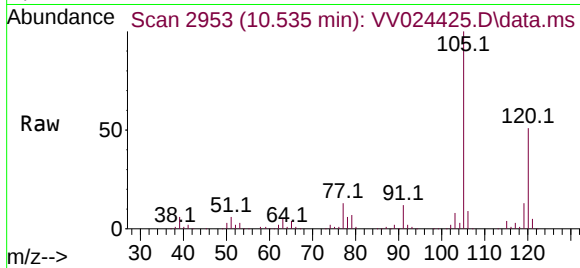
VICV280

Tgt Ion:105 Resp: 235500

Ion Ratio Lower Upper

105 100

120 51.3 40.5 60.7



#63

1,2,4-Trimethylbenzene

Concen: 49.930 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024425.D

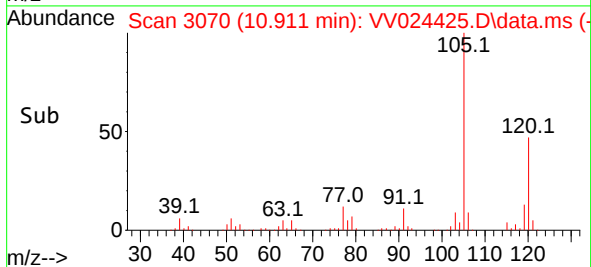
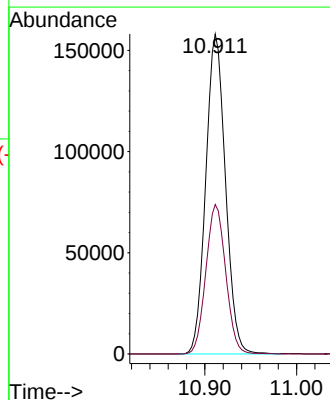
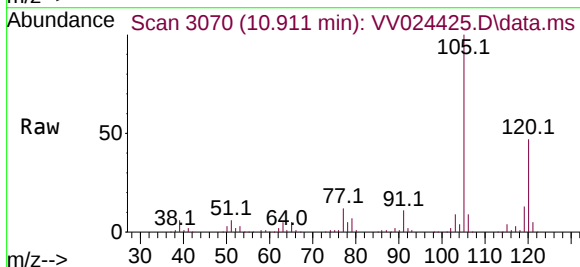
Acq: 21 Jan 2022 15:41

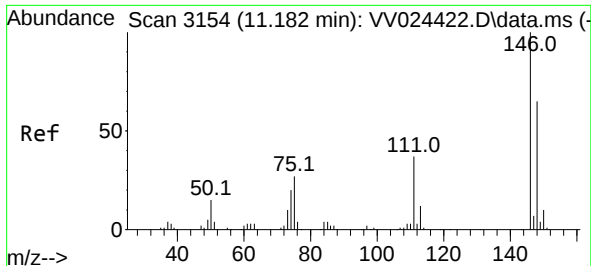
Tgt Ion:105 Resp: 235867

Ion Ratio Lower Upper

105 100

120 47.0 37.3 55.9

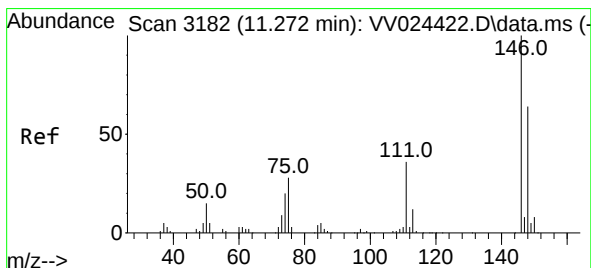
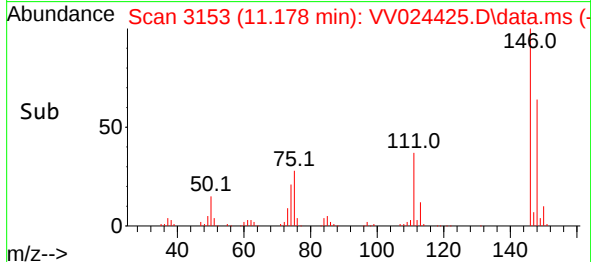
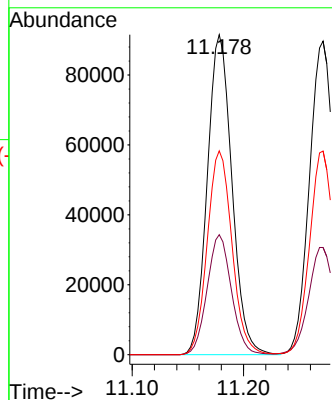
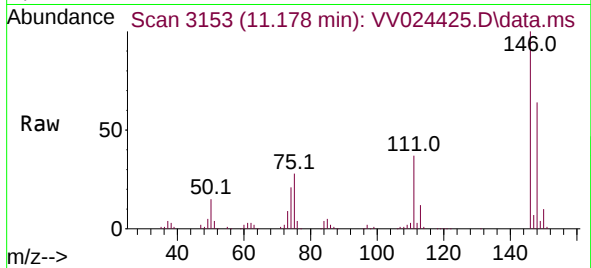




#64
1,3-Dichlorobenzene
Concen: 49.250 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

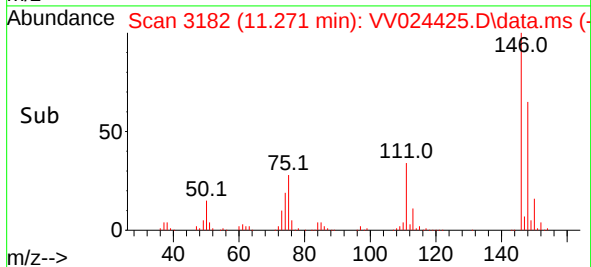
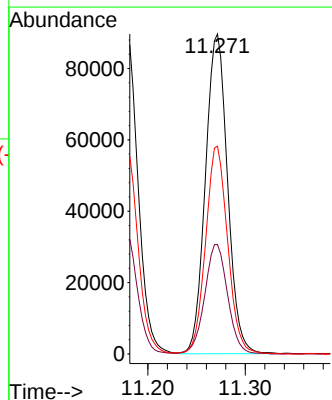
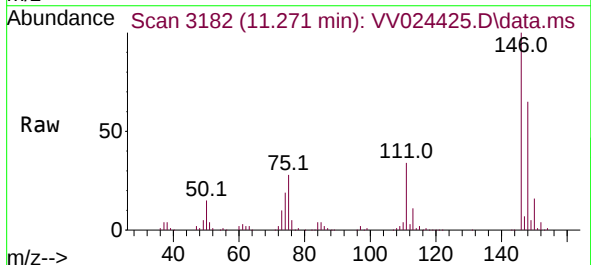
Instrument :
MSVOA_V
ClientSampleId :
VICV280

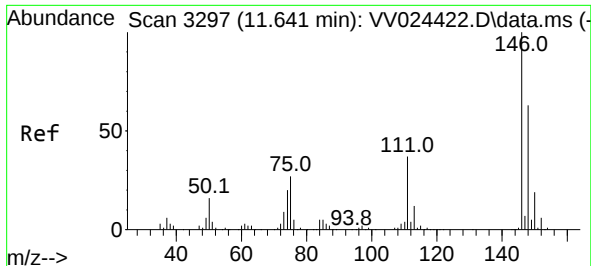
Tgt Ion:146 Resp: 140675
Ion Ratio Lower Upper
146 100
111 37.5 25.7 47.7
148 63.7 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 49.369 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

Tgt Ion:146 Resp: 141317
Ion Ratio Lower Upper
146 100
111 34.2 25.2 46.8
148 64.9 45.1 83.9

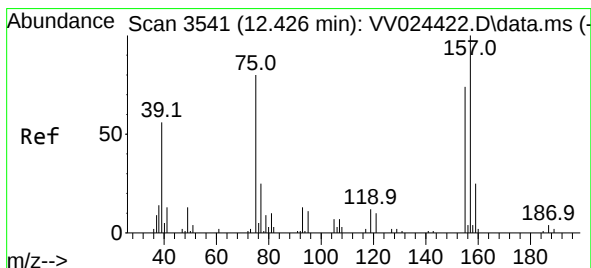
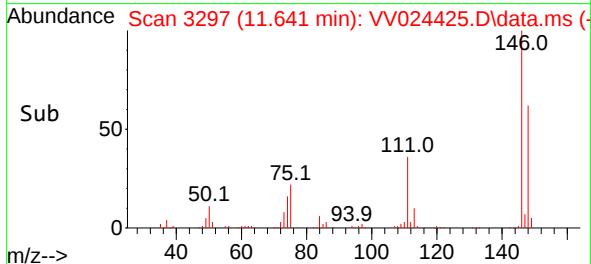
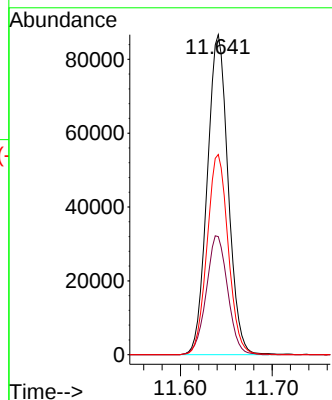
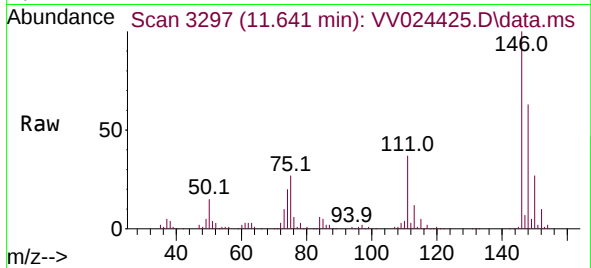




#67
1,2-Dichlorobenzene
Concen: 49.693 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

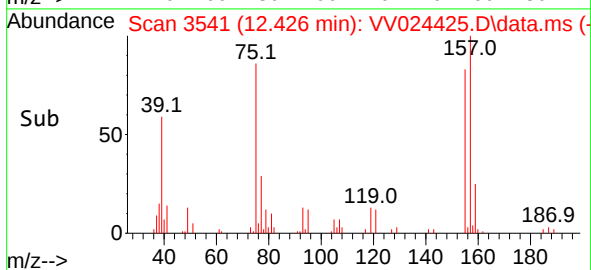
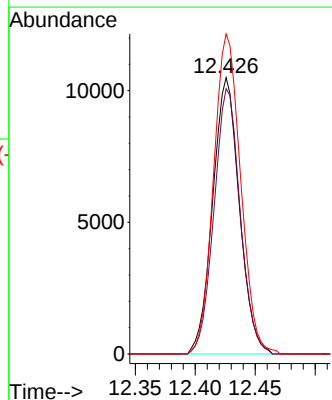
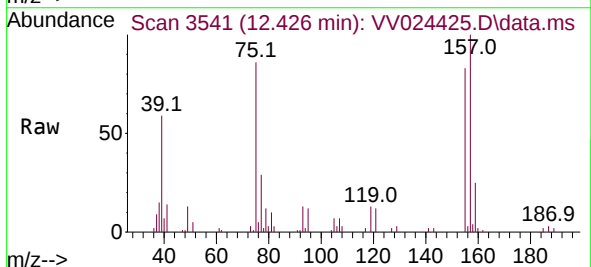
Instrument :
MSVOA_V
ClientSampleId :
VICV280

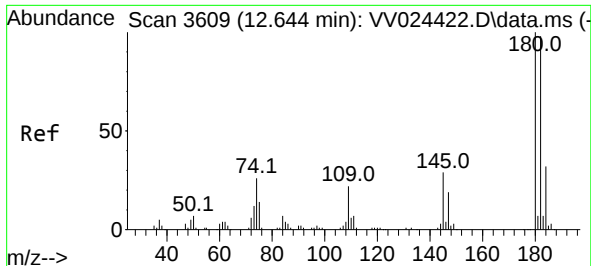
Tgt Ion:146 Resp: 137591
Ion Ratio Lower Upper
146 100
111 36.9 30.2 45.2
148 62.5 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 47.813 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

Tgt Ion: 75 Resp: 16215
Ion Ratio Lower Upper
75 100
155 96.0 73.6 110.4
157 115.8 99.8 149.8





#69

1,3,5-Trichlorobenzene

Concen: 48.718 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VV024425.D

Acq: 21 Jan 2022 15:41

Instrument :

MSVOA_V

ClientSampleId :

VICV280

Tgt Ion:180 Resp: 111940

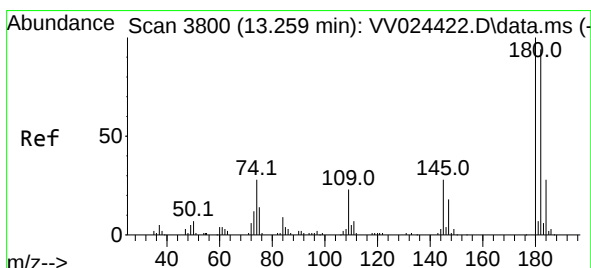
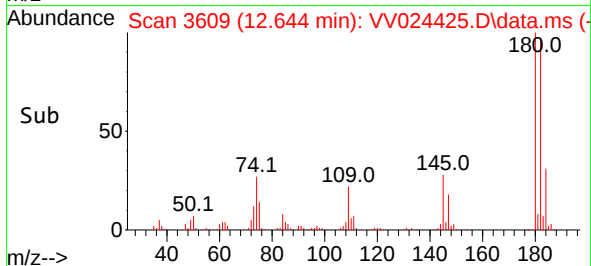
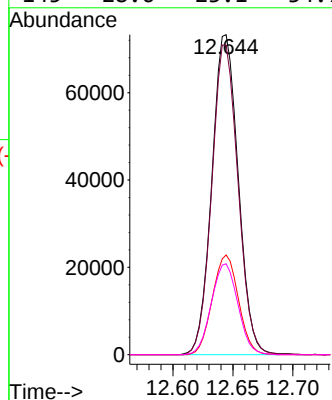
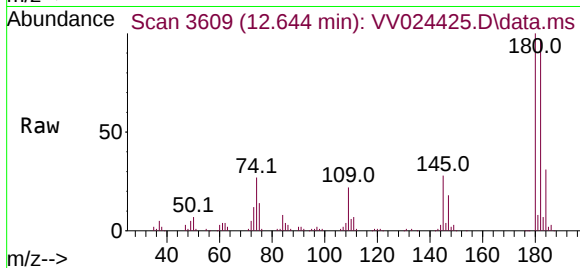
Ion Ratio Lower Upper

180 100

182 96.1 78.0 117.0

184 30.8 25.1 37.7

145 28.6 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 49.626 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV024425.D

Acq: 21 Jan 2022 15:41

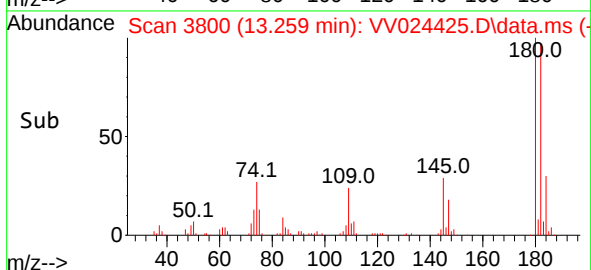
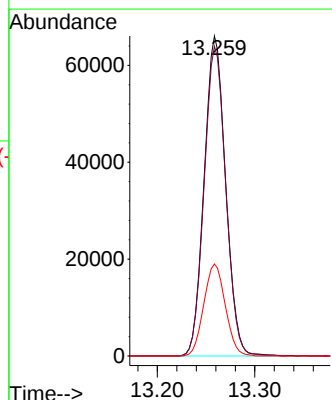
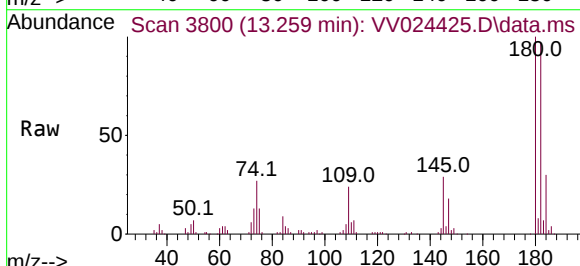
Tgt Ion:180 Resp: 101206

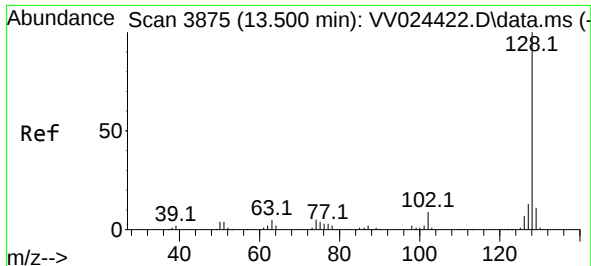
Ion Ratio Lower Upper

180 100

182 97.4 75.8 113.8

145 28.7 22.8 34.2

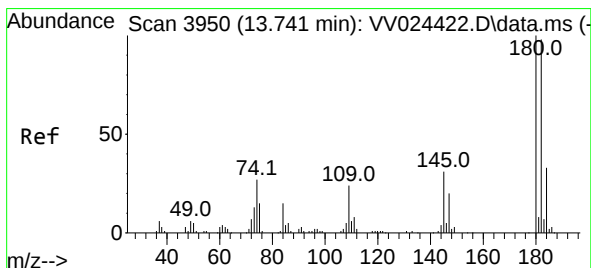
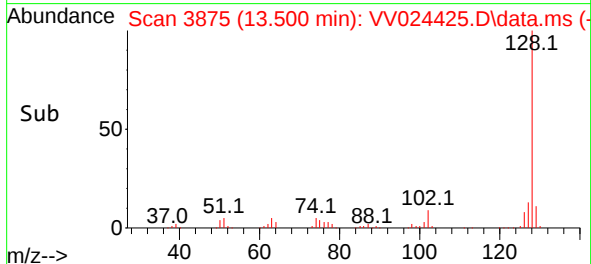
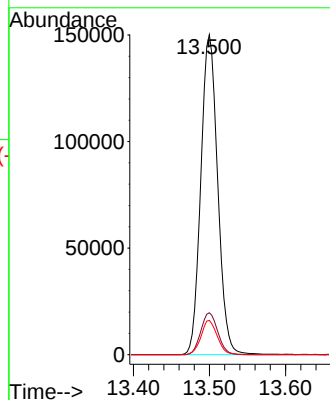
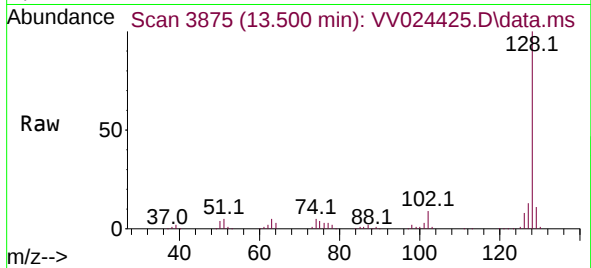




#71
Naphthalene
Concen: 44.196 ug/L
RT: 13.500 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

Instrument :
MSVOA_V
ClientSampleId :
VICV280

Tgt Ion:128 Resp: 231495
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.3 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 50.912 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV024425.D
Acq: 21 Jan 2022 15:41

Tgt Ion:180 Resp: 98933
Ion Ratio Lower Upper
180 100
182 94.7 78.1 117.1
145 29.0 25.0 37.6

