

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051823\
 Data File : VX035748.D
 Acq On : 18 May 2023 17:32
 Operator : JC/MD
 Sample : 02213-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 19 06:27:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 19 06:25:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	190644	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	351569	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	306357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149451	44.936	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.880%
35) Dibromofluoromethane	5.385	113	97095	40.952	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	81.900%
50) Toluene-d8	8.647	98	350431	40.008	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	80.020%#
62) 4-Bromofluorobenzene	11.079	95	137662	39.034	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	78.060%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	524	0.211	ug/l	84
3) Chloromethane	1.294	50	950	0.315	ug/l	90
5) Bromomethane	1.618	94	589	0.425	ug/l	82
6) Chloroethane	1.697	64	583	0.376	ug/l	93
7) Trichlorofluoromethane	1.886	101	923	0.245	ug/l	# 77
8) Diethyl Ether	2.136	74	401	0.277	ug/l	# 48
9) 1,1,2-Trichlorotrifluo...	2.337	101	542	0.243	ug/l	97
10) Methyl Iodide	2.453	142	568	0.284	ug/l	# 88
12) 1,1-Dichloroethene	2.325	96	552	0.260	ug/l	# 67
13) Acrolein	2.246	56	681	0.978	ug/l	98
14) Allyl chloride	2.666	41	1150	0.253	ug/l	# 84
15) Acrylonitrile	3.081	53	1636	1.266	ug/l	99
16) Acetone	2.410	43	3482	2.436	ug/l	95
17) Carbon Disulfide	2.514	76	1153	0.225	ug/l	# 94
18) Methyl Acetate	2.709	43	1642	0.311	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	2018	0.239	ug/l	# 81
20) Methylene Chloride	2.788	84	1960	0.757	ug/l	# 78
21) trans-1,2-Dichloroethene	3.093	96	655	0.282	ug/l	# 77
22) Diisopropyl ether	3.751	45	2174	0.244	ug/l	# 55
23) Vinyl Acetate	3.727	43	6493	1.030	ug/l	# 86
24) 1,1-Dichloroethane	3.605	63	970	0.204	ug/l	# 81
25) 2-Butanone	4.593	43	2761	1.395	ug/l	# 88
27) cis-1,2-Dichloroethene	4.495	96	726	0.260	ug/l	87
29) Tetrahydrofuran	5.038	42	1628	1.309	ug/l	# 70
30) Chloroform	5.099	83	1273	0.261	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	906	0.213	ug/l	# 23
36) 1,1-Dichloropropene	5.708	75	932	0.249	ug/l	# 70
37) Ethyl Acetate	4.721	43	1128	0.289	ug/l	# 79
38) Carbon Tetrachloride	5.684	117	761	0.215	ug/l	# 45
40) Benzene	6.044	78	2508	0.240	ug/l	# 88
42) 1,2-Dichloroethane	6.086	62	1399	0.311	ug/l	# 75
43) Isopropyl Acetate	6.342	43	1524	0.224	ug/l	# 74
44) Trichloroethene	7.129	130	632	0.238	ug/l	87
45) 1,2-Dichloropropane	7.434	63	598	0.216	ug/l	# 79
46) Dibromomethane	7.580	93	537	0.283	ug/l	# 78
48) Methyl methacrylate	7.696	41	829	0.247	ug/l	# 88

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 Sample : 02213-09
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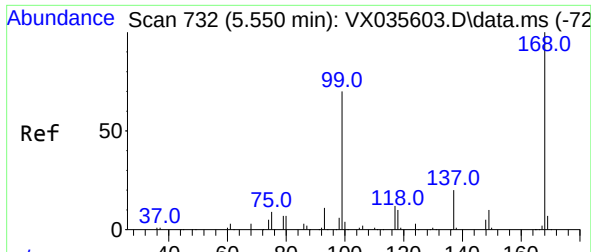
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 19 06:27:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 19 06:25:15 2023
 Response via : Initial Calibration

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

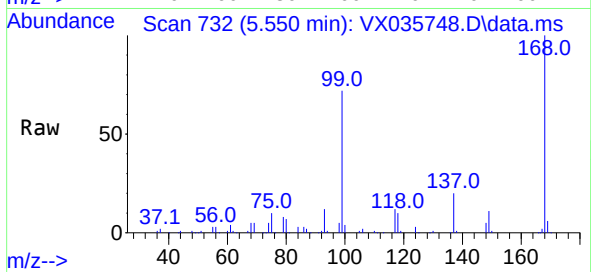
49) 1,4-Dioxane	7.738	88	183	2.535	ug/l #	66
51) 4-Methyl-2-Pentanone	8.574	43	4368	1.114	ug/l	92
52) Toluene	8.714	92	1523	0.230	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	864	0.202	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	534	0.206	ug/l #	82
56) Ethyl methacrylate	9.122	69	941	0.224	ug/l	90
57) 1,3-Dichloropropane	9.305	76	1015	0.216	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.244	63	1762	0.824	ug/l	99
59) 2-Hexanone	9.433	43	3065	1.038	ug/l	92
61) 1,2-Dibromoethane	9.616	107	610	0.223	ug/l	87
65) Chlorobenzene	10.079	112	1776	0.266	ug/l	98
67) Ethyl Benzene	10.189	91	2559	0.203	ug/l #	85
68) m/p-Xylenes	10.299	106	2068	0.445	ug/l	95
69) o-Xylene	10.640	106	992	0.215	ug/l	82
70) Styrene	10.653	104	1681	0.226	ug/l	91
73) Isopropylbenzene	10.963	105	2591	0.228	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.207	83	884	0.240	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	74681	22.656	ug/l #	34
77) Bromobenzene	11.195	156	679	0.263	ug/l	95
78) n-propylbenzene	11.305	91	2960	0.222	ug/l	93
79) 2-Chlorotoluene	11.366	91	1754	0.210	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	74681	73.018	ug/l #	8
82) 4-Chlorotoluene	11.451	91	2270	0.236	ug/l	93
83) tert-Butylbenzene	11.707	119	2141	0.228	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	2101	0.217	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	1293	0.264	ug/l	91
88) 1,4-Dichlorobenzene	11.969	146	1293	0.262	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	1234	0.257	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	671	0.232	ug/l	85
94) Hexachlorobutadiene	13.713	225	298	0.260	ug/l	90
95) Naphthalene	13.774	128	2010	0.203	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.969	180	836	0.294	ug/l	75

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

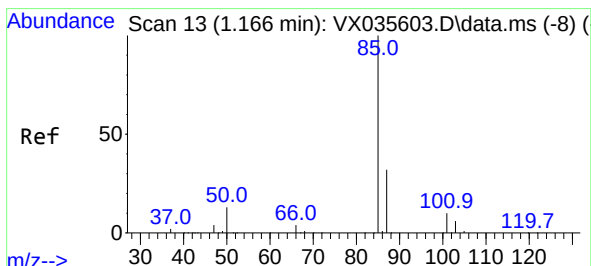
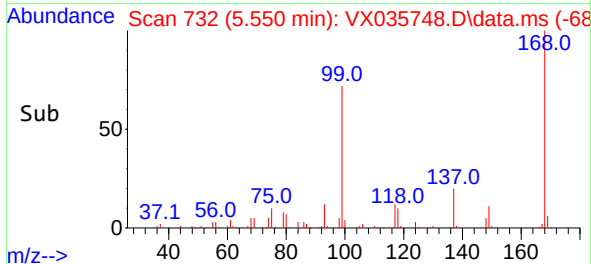
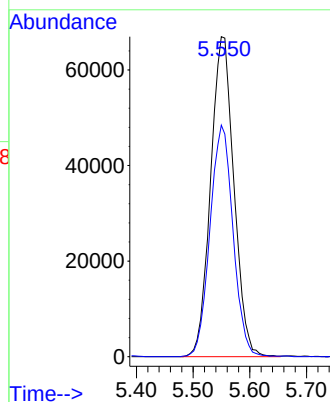


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035748.D
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MSVOA_X
ClientSampleId :

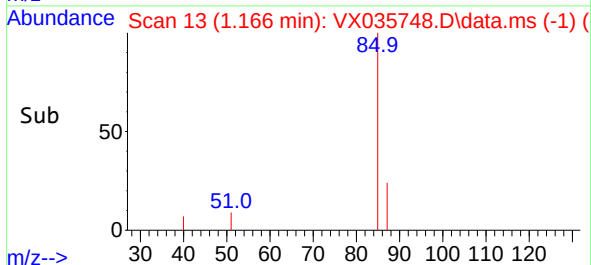
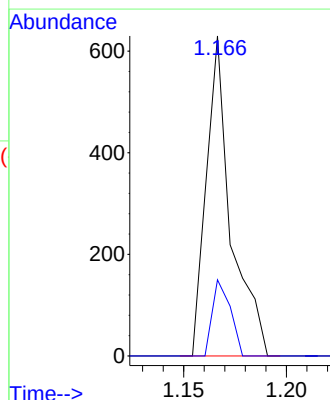
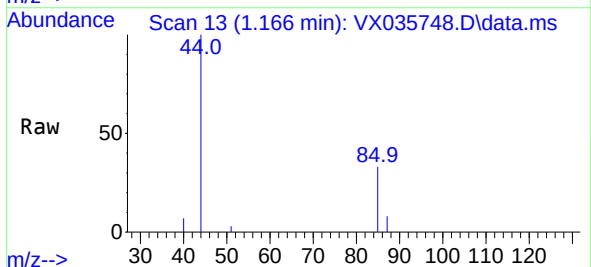


Tgt Ion:168 Resp: 190644
Ion Ratio Lower Upper
168 100
99 72.4 45.7 68.5#

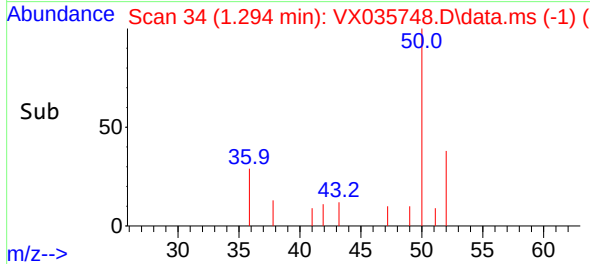
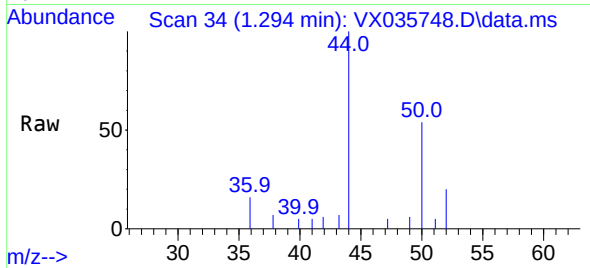
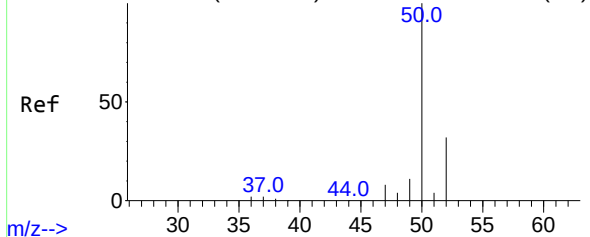


#2
Dichlorodifluoromethane
Concen: 0.211 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Tgt Ion: 85 Resp: 524
Ion Ratio Lower Upper
85 100
87 23.8 16.4 49.1



Abundance Scan 34 (1.294 min): VX035603.D\data.ms (-29)



#3

Chloromethane

Concen: 0.315 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX035748.D

Acq: 18 May 2023 17:32

Instrument :

MSVOA_X

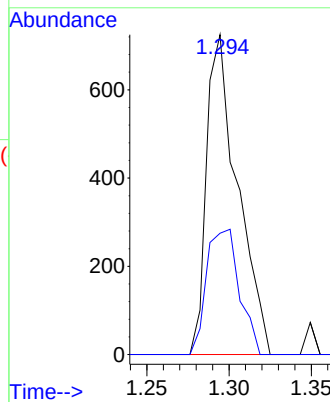
ClientSampleId :

Tgt Ion: 50 Resp: 950

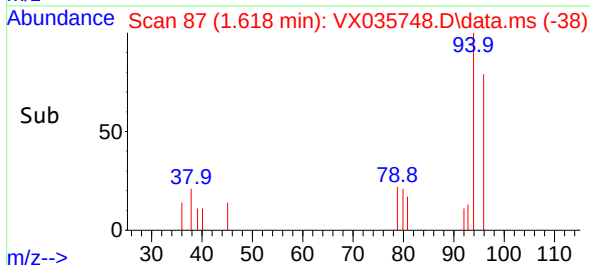
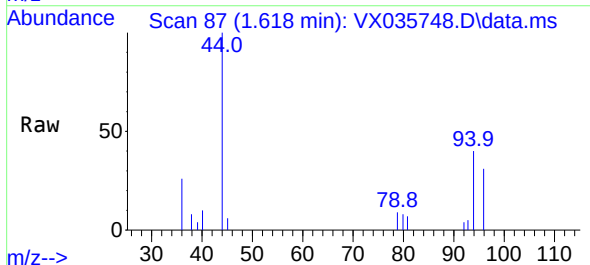
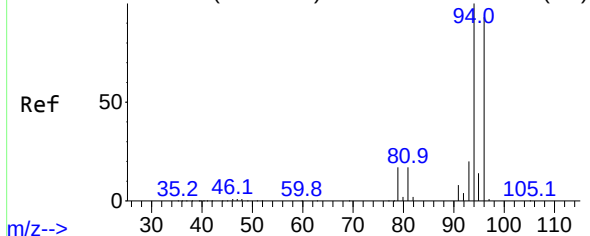
Ion Ratio Lower Upper

50 100

52 37.9 25.9 38.9



Abundance Scan 87 (1.618 min): VX035603.D\data.ms (-81)



#5

Bromomethane

Concen: 0.425 ug/l

RT: 1.618 min Scan# 87

Delta R.T. -0.000 min

Lab File: VX035748.D

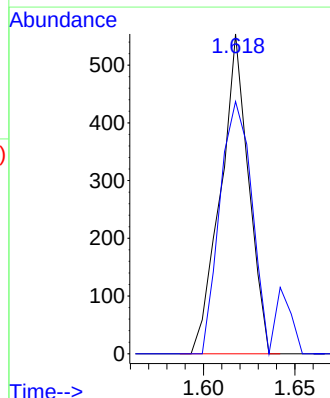
Acq: 18 May 2023 17:32

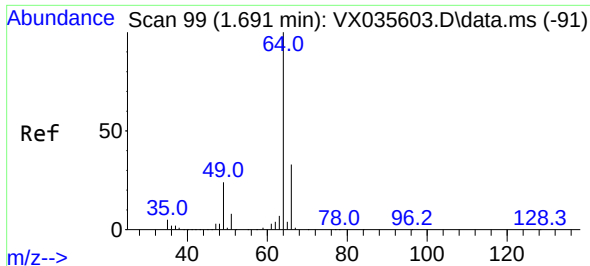
Tgt Ion: 94 Resp: 589

Ion Ratio Lower Upper

94 100

96 78.9 77.0 115.6

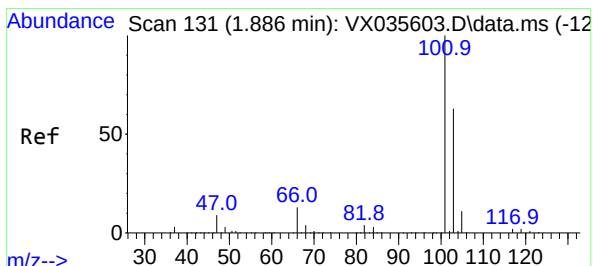
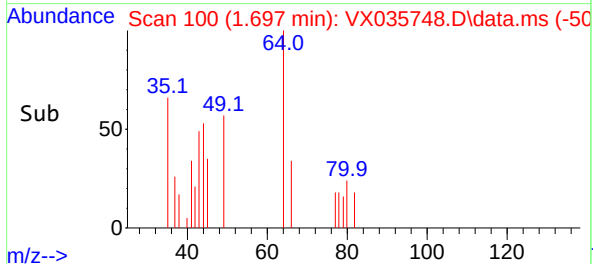
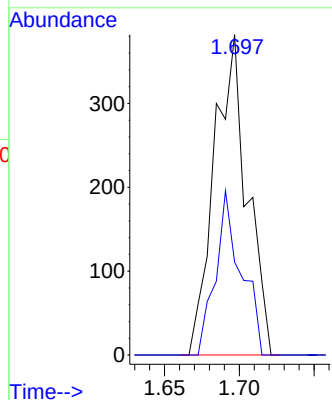
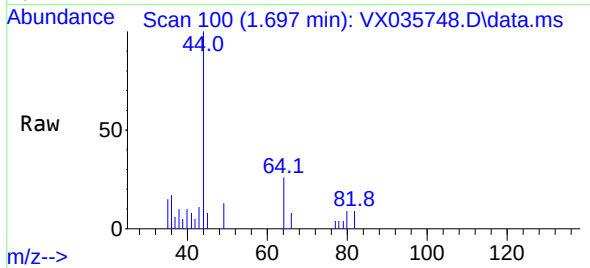




#6
Chloroethane
Concen: 0.376 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

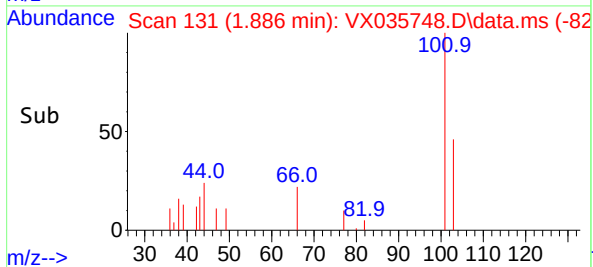
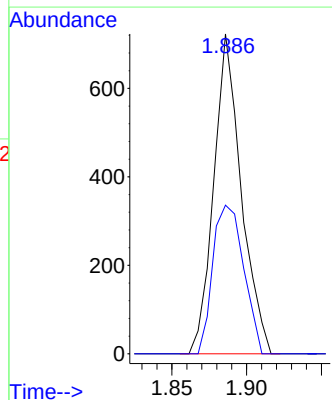
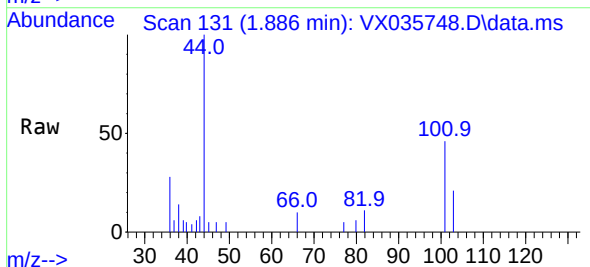
Instrument :
MSVOA_X
ClientSampleId :

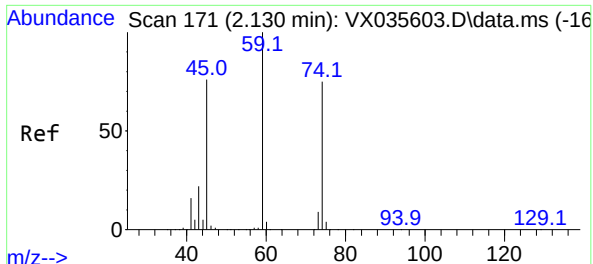
Tgt Ion: 64 Resp: 583
Ion Ratio Lower Upper
64 100
66 29.1 26.2 39.4



#7
Trichlorofluoromethane
Concen: 0.245 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Tgt Ion: 101 Resp: 923
Ion Ratio Lower Upper
101 100
103 46.5 52.0 78.0#

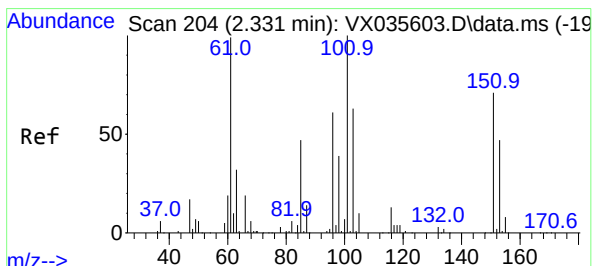
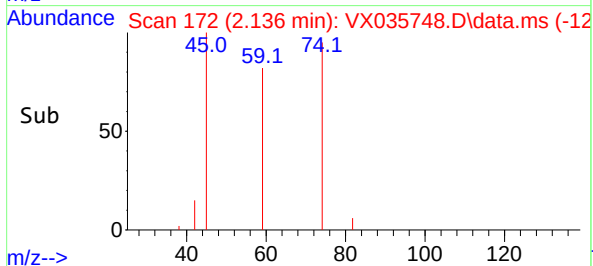
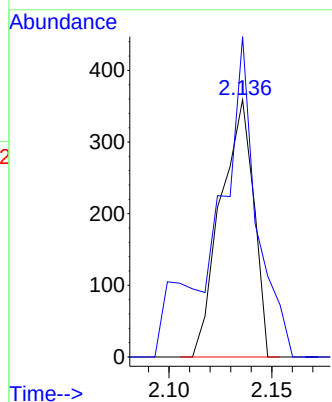
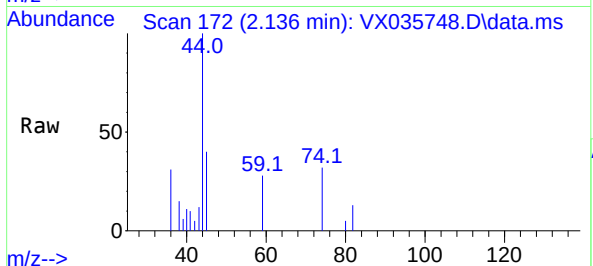




#8
Diethyl Ether
Concen: 0.277 ug/l
RT: 2.136 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

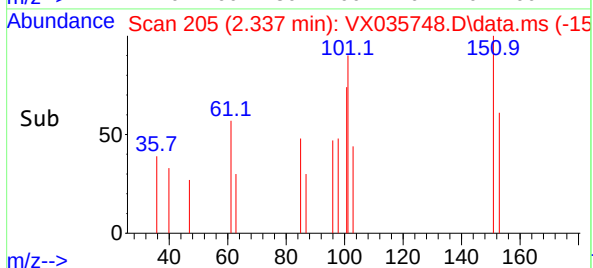
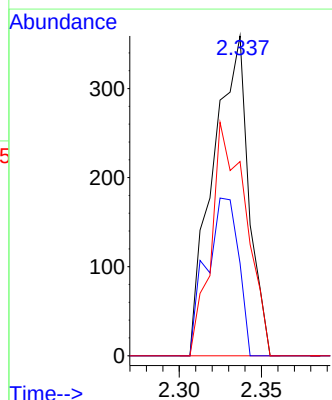
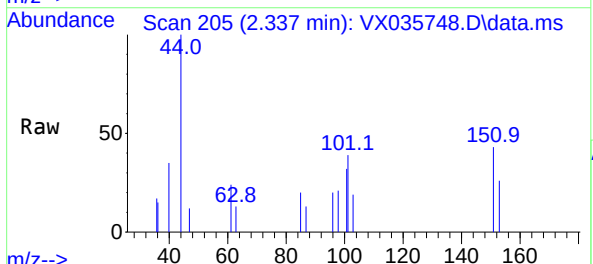
Instrument :
MSVOA_X
ClientSampleId :

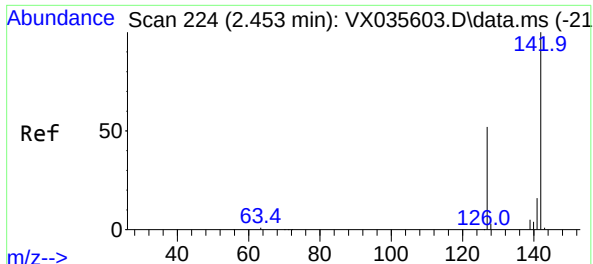
Tgt Ion: 74 Resp: 401
Ion Ratio Lower Upper
74 100
45 151.4 49.8 149.3#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.243 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

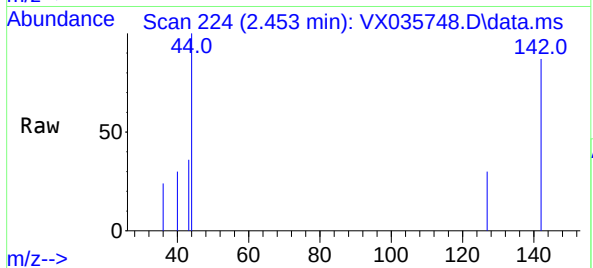
Tgt Ion: 101 Resp: 542
Ion Ratio Lower Upper
101 100
85 44.3 35.4 53.2
151 70.7 60.2 90.4





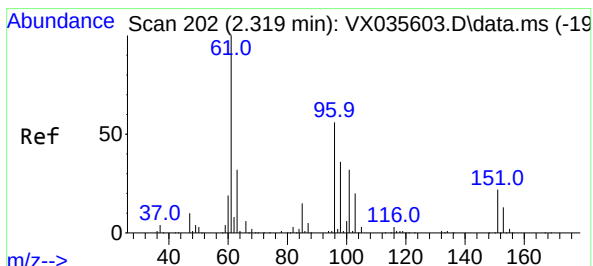
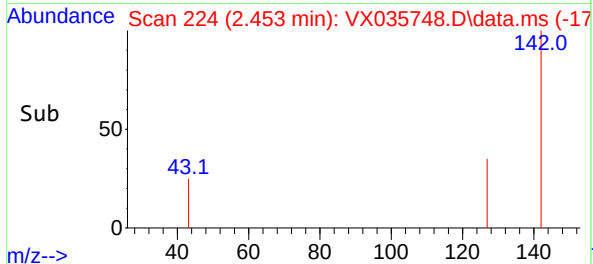
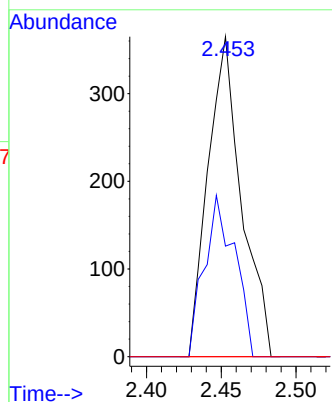
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Methyl Iodide
Concen: 0.284 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:142 Resp: 568

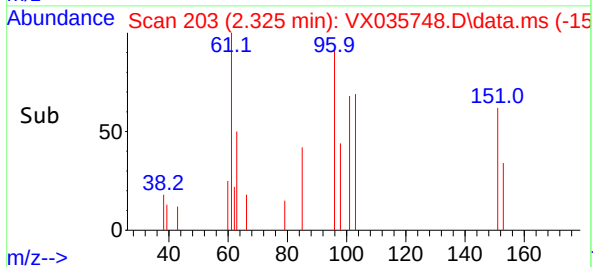
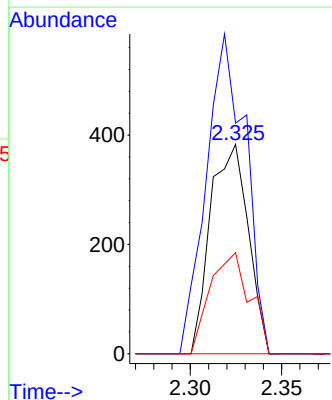
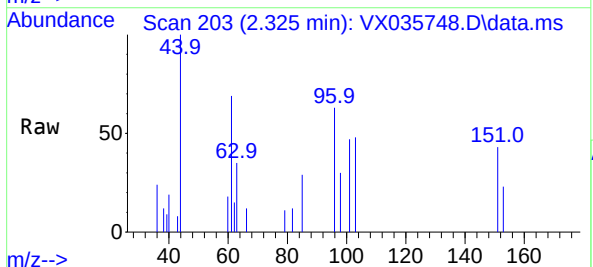
Ion	Ratio	Lower	Upper
142	100		
127	45.6	34.0	51.0
141	0.0	11.1	16.7#

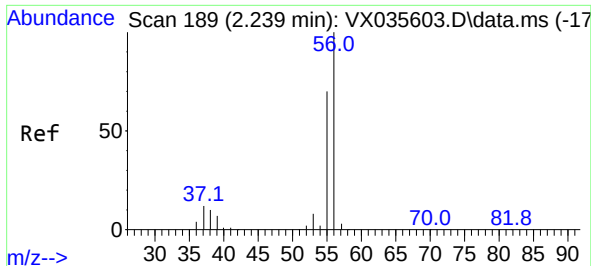


#12
1,1-Dichloroethene
Concen: 0.260 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Tgt Ion: 96 Resp: 552

Ion	Ratio	Lower	Upper
96	100		
61	110.2	128.8	193.2#
98	48.3	51.4	77.0#

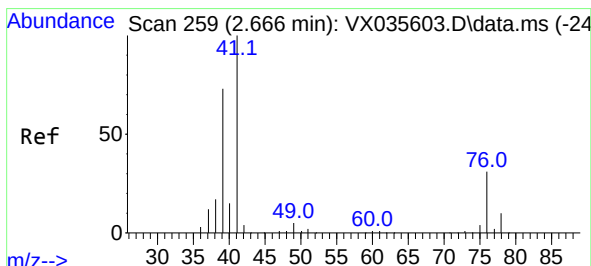
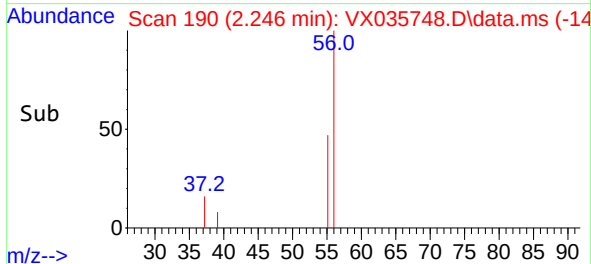
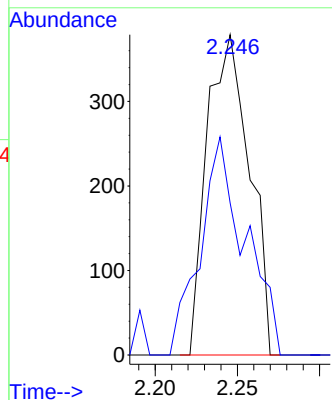
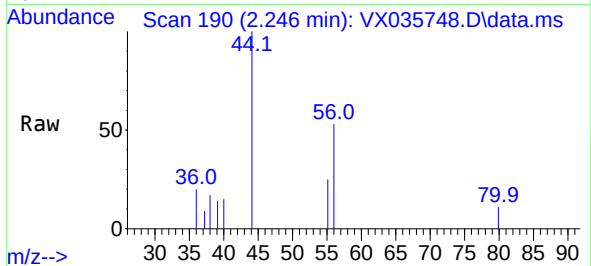




#13
Acrolein
Concen: 0.978 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

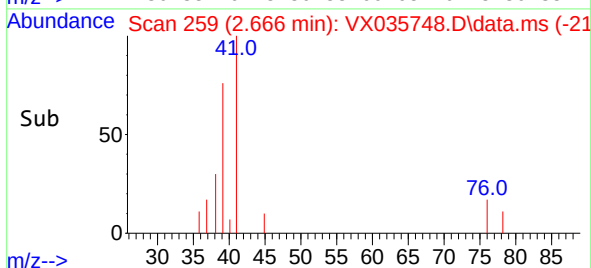
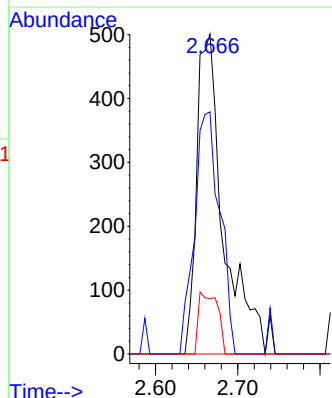
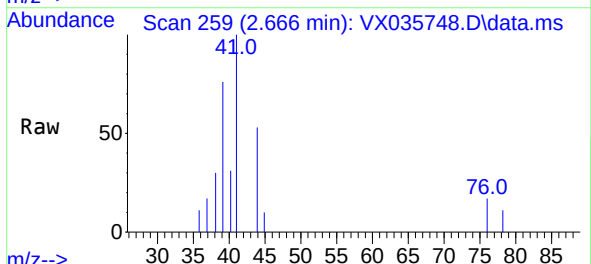
Instrument :
MSVOA_X
ClientSampleId :

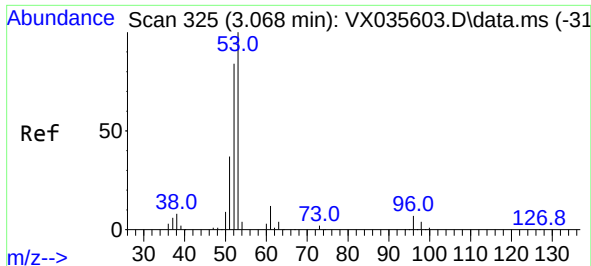
Tgt Ion: 56 Resp: 681
Ion Ratio Lower Upper
56 100
55 72.1 56.6 85.0



#14
Allyl chloride
Concen: 0.253 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

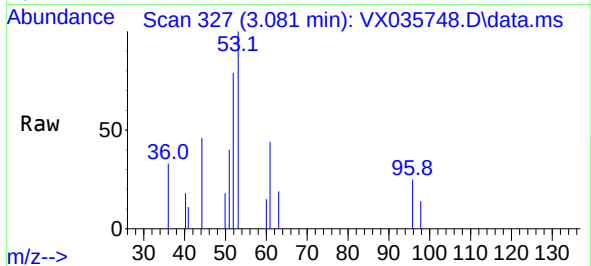
Tgt Ion: 41 Resp: 1150
Ion Ratio Lower Upper
41 100
39 70.7 52.4 78.6
76 13.5 26.0 39.0#



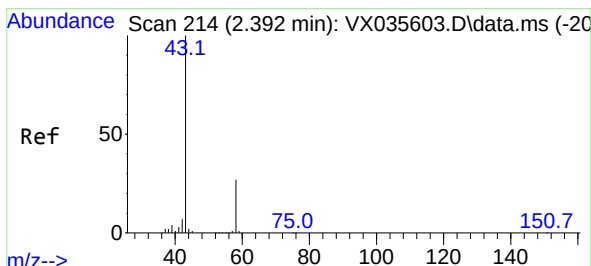
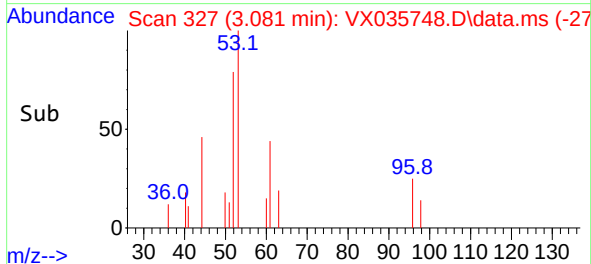
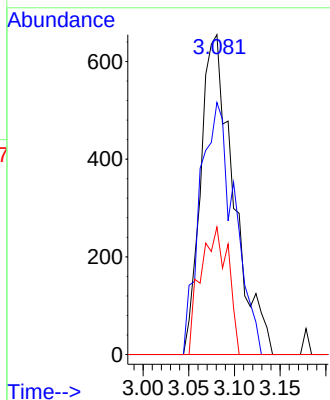


#15
Acrylonitrile
Concen: 1.266 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.013 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :

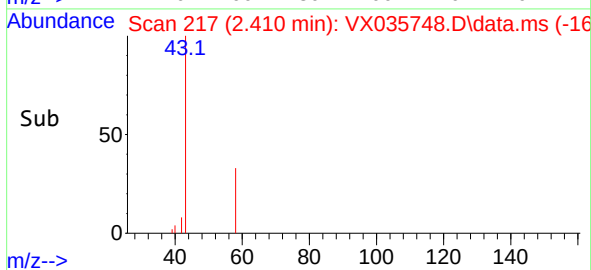
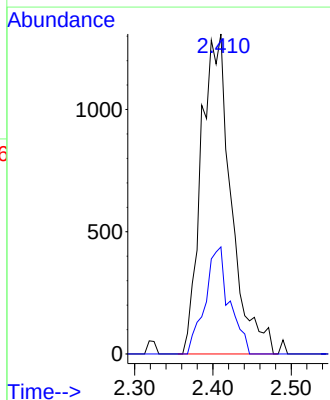
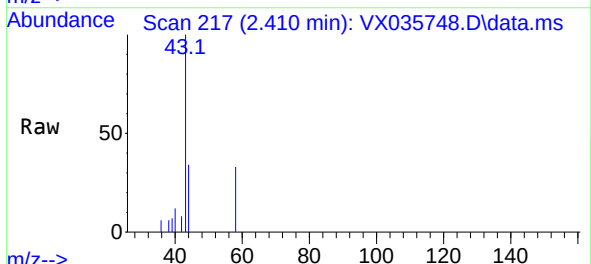


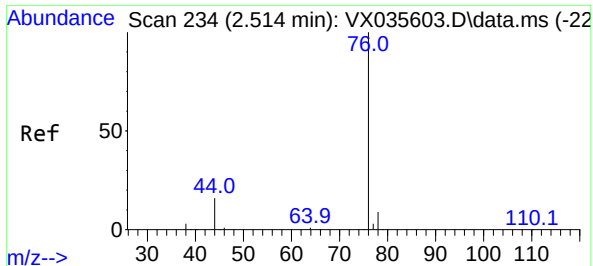
Tgt Ion: 53 Resp: 1636
Ion Ratio Lower Upper
53 100
52 83.0 66.2 99.2
51 33.5 28.3 42.5



#16
Acetone
Concen: 2.436 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.018 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

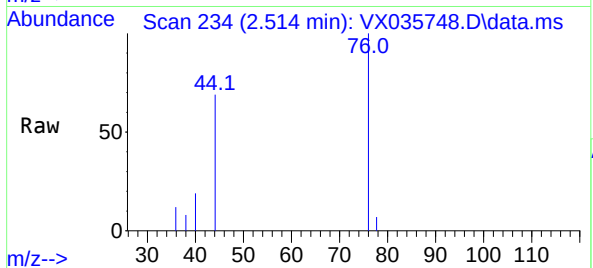
Tgt Ion: 43 Resp: 3482
Ion Ratio Lower Upper
43 100
58 33.5 24.7 37.1



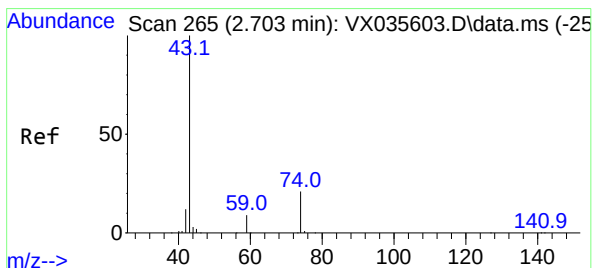
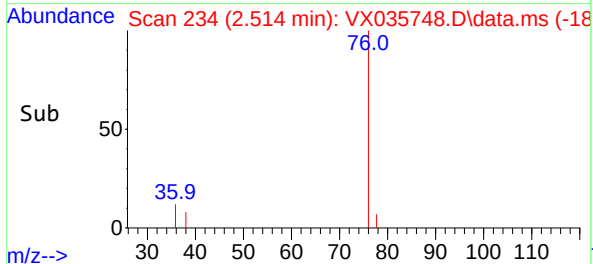
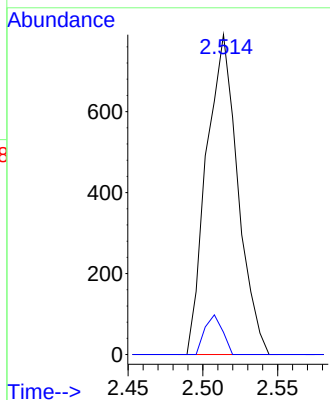


#17
Carbon Disulfide
Concen: 0.225 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :

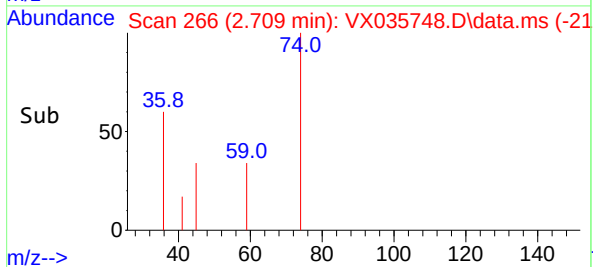
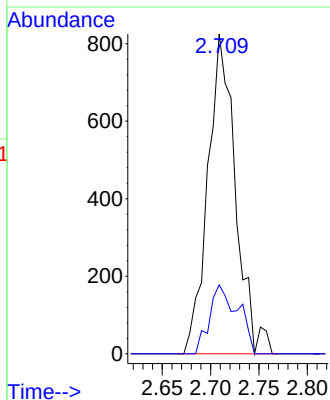
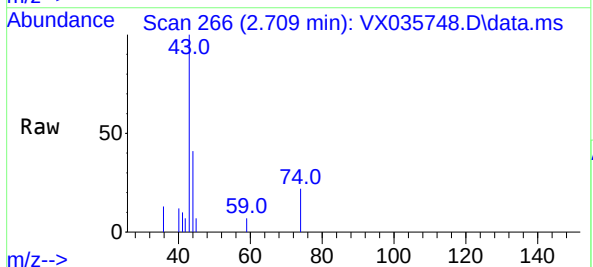


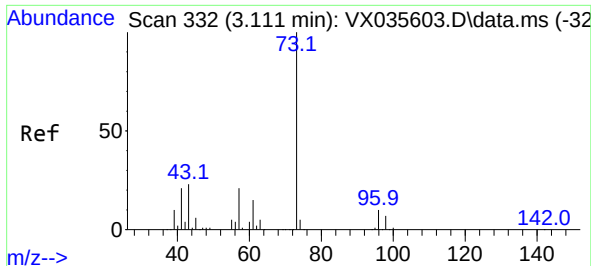
Tgt Ion: 76 Resp: 1153
Ion Ratio Lower Upper
76 100
78 7.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.311 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

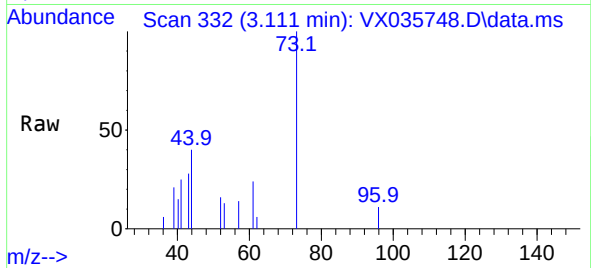
Tgt Ion: 43 Resp: 1642
Ion Ratio Lower Upper
43 100
74 22.1 18.3 27.5



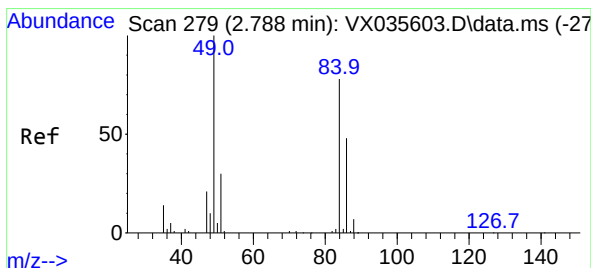
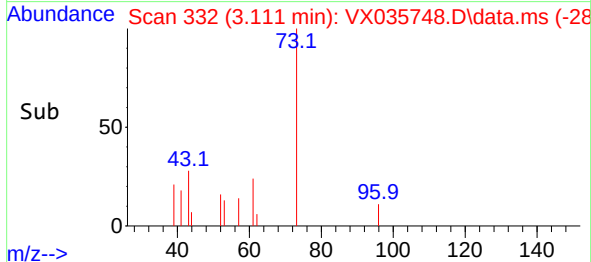
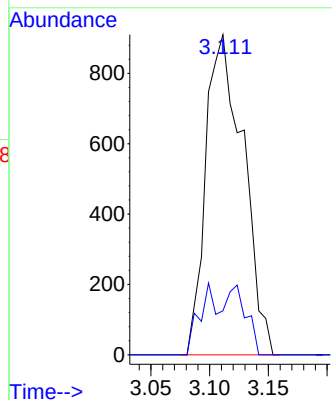


#19
Methyl tert-butyl Ether
Concen: 0.239 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :

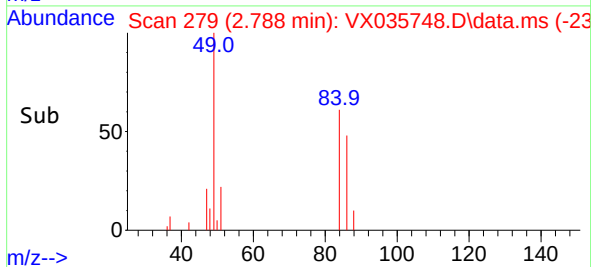
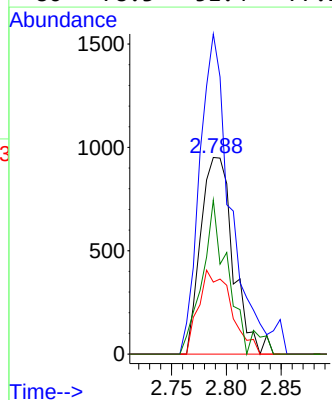
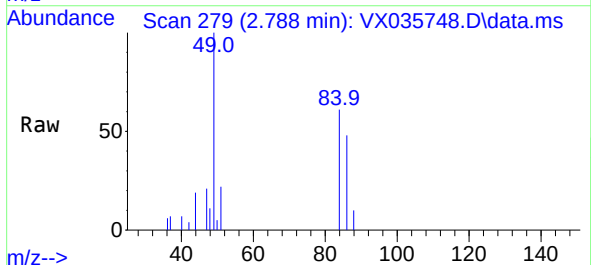


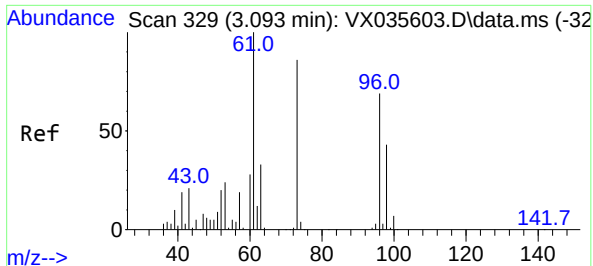
Tgt Ion: 73 Resp: 2018
Ion Ratio Lower Upper
73 100
57 13.7 18.5 27.7#



#20
Methylene Chloride
Concen: 0.757 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

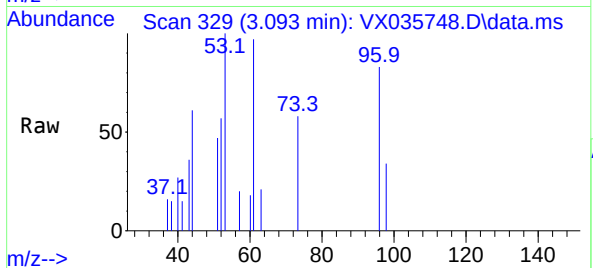
Tgt Ion: 84 Resp: 1960
Ion Ratio Lower Upper
84 100
49 162.9 103.8 155.8#
51 36.6 31.8 47.8
86 78.3 51.4 77.2#



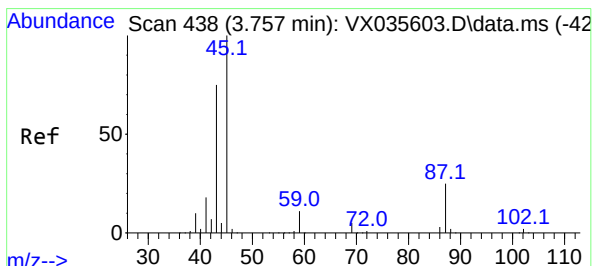
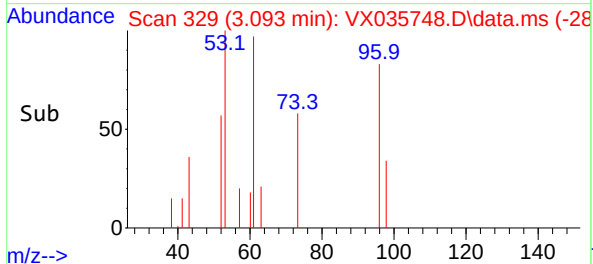
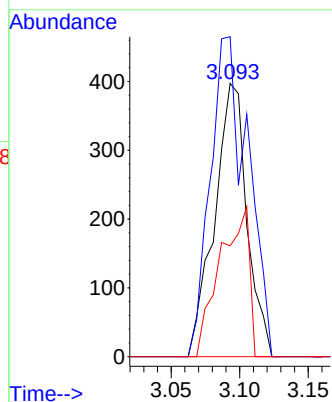


#21
trans-1,2-Dichloroethene
Concen: 0.282 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :

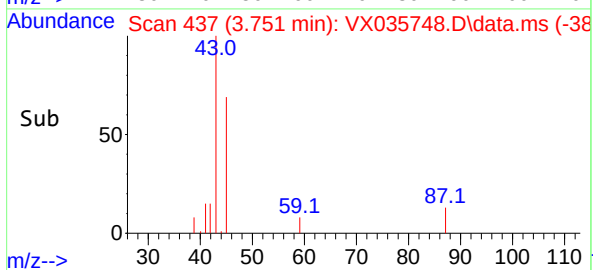
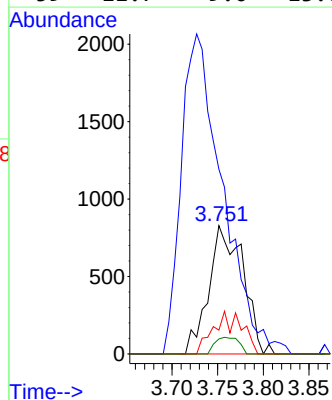
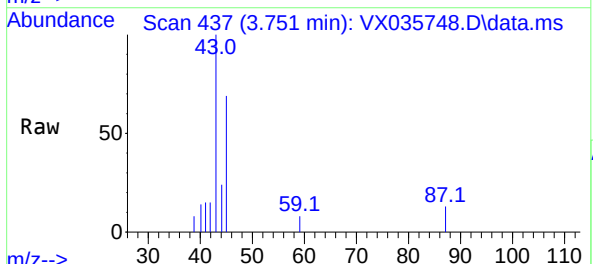


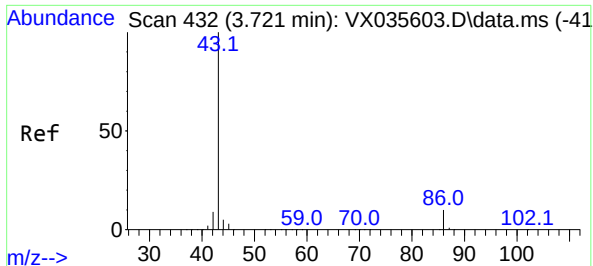
Tgt Ion: 96 Resp: 655
Ion Ratio Lower Upper
96 100
61 117.1 113.0 169.6
98 40.6 52.1 78.1#



#22
Diisopropyl ether
Concen: 0.244 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Tgt Ion: 45 Resp: 2174
Ion Ratio Lower Upper
45 100
43 135.5 65.4 98.2#
87 18.6 20.6 31.0#
59 11.7 9.0 13.6

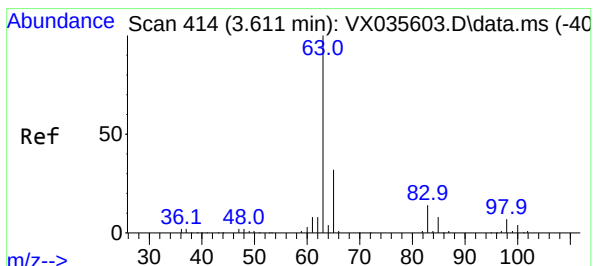
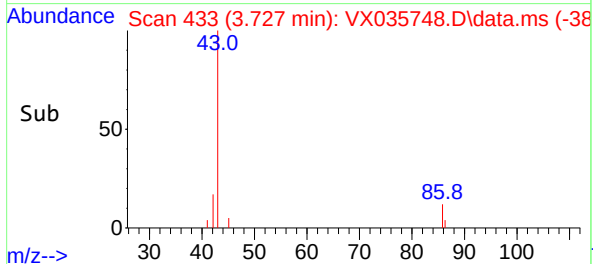
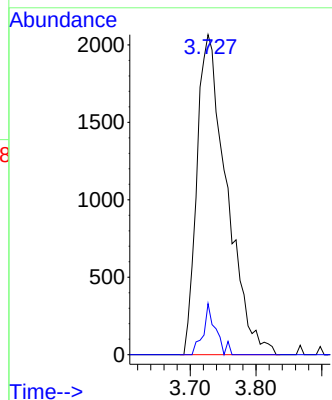
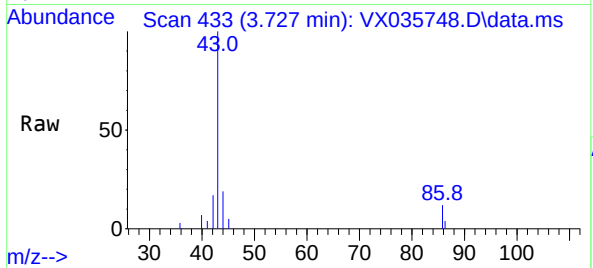




#23
 Vinyl Acetate
 Concen: 1.030 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX035748.D
 Acq: 18 May 2023 17:32

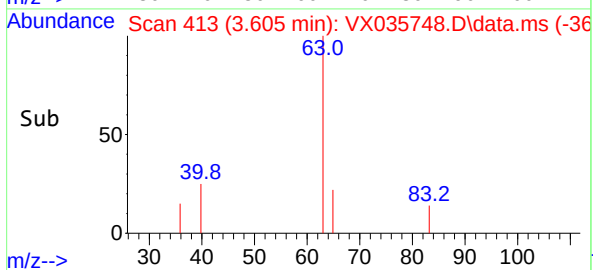
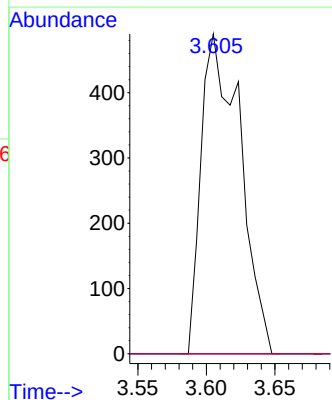
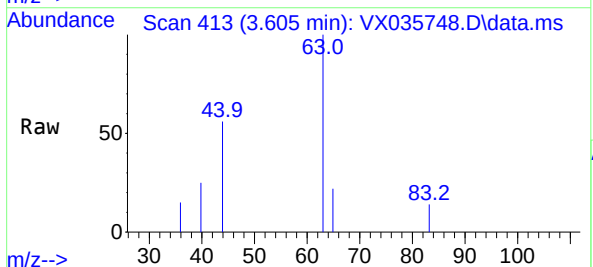
Instrument :
 MSVOA_X
 ClientSampleId :

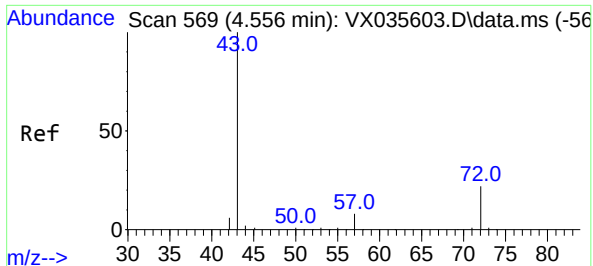
Tgt Ion: 43 Resp: 6493
 Ion Ratio Lower Upper
 43 100
 86 16.0 8.5 12.7#



#24
 1,1-Dichloroethane
 Concen: 0.204 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035748.D
 Acq: 18 May 2023 17:32

Tgt Ion: 63 Resp: 970
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.8 11.2#
 100 0.0 2.4 7.1#





#25

2-Butanone

Concen: 1.395 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX035748.D

Acq: 18 May 2023 17:32

Instrument :

MSVOA_X

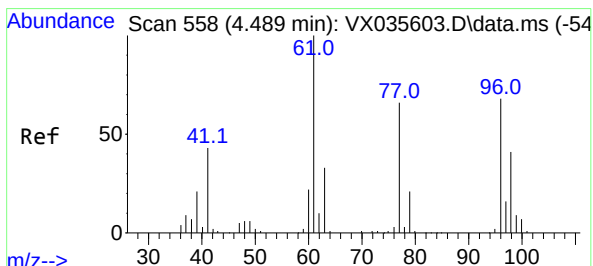
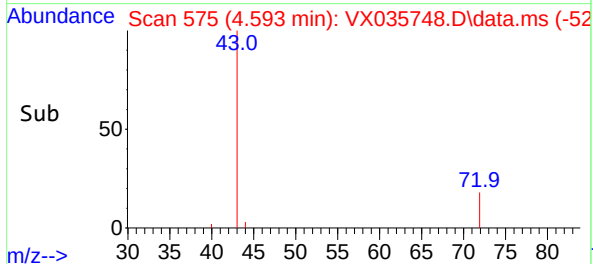
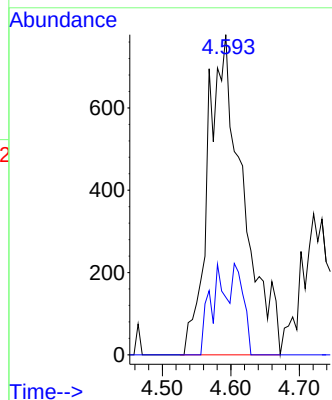
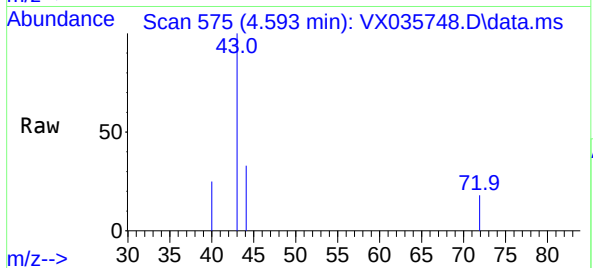
ClientSampleId :

Tgt Ion: 43 Resp: 2761

Ion Ratio Lower Upper

43 100

72 18.0 19.3 28.9#



#27

cis-1,2-Dichloroethene

Concen: 0.260 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX035748.D

Acq: 18 May 2023 17:32

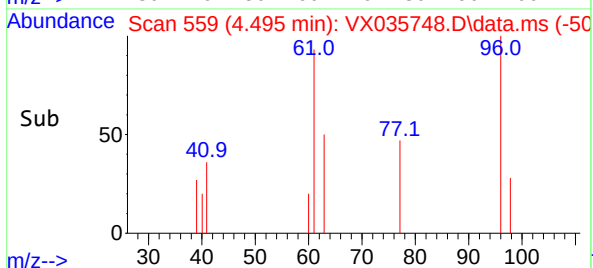
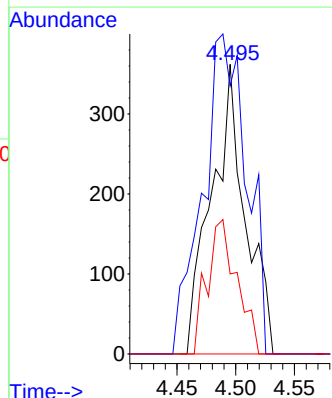
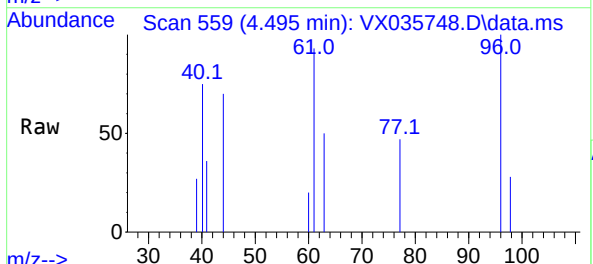
Tgt Ion: 96 Resp: 726

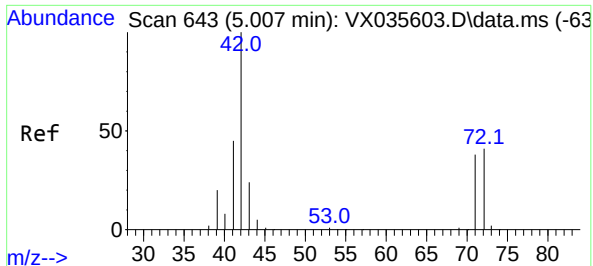
Ion Ratio Lower Upper

96 100

61 143.1 0.0 300.4

98 40.8 0.0 129.0





#29

Tetrahydrofuran

Concen: 1.309 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX035748.D

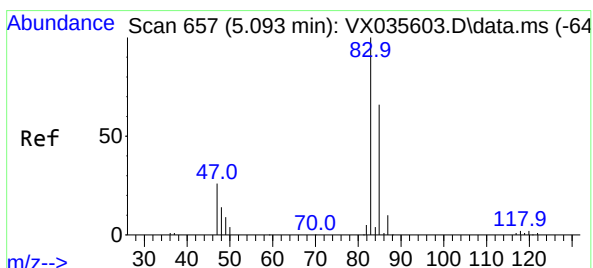
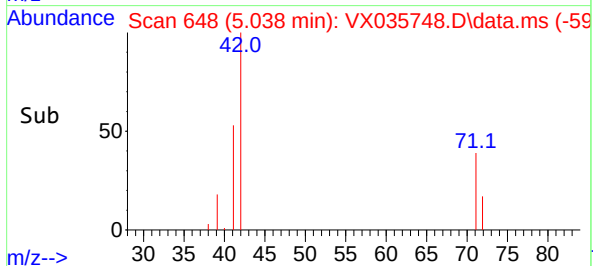
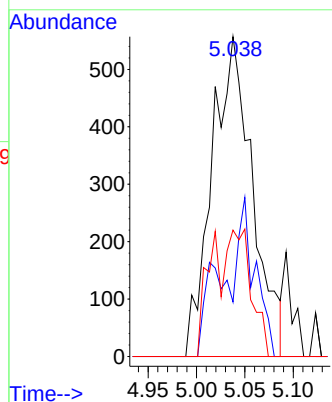
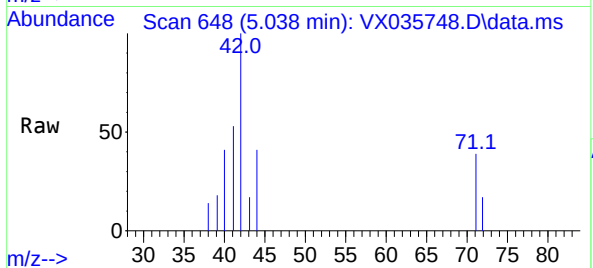
Acq: 18 May 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	1628
Ion	Ratio	Lower	Upper
42	100		
72	21.1	34.5	51.7#
71	24.3	32.1	48.1#



#30

Chloroform

Concen: 0.261 ug/l

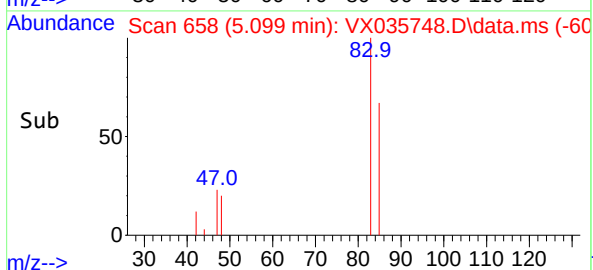
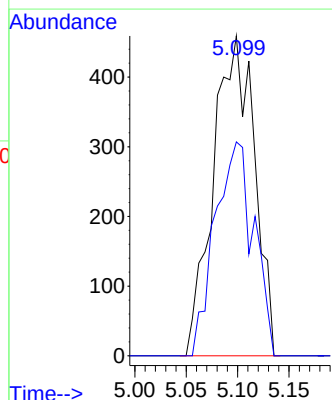
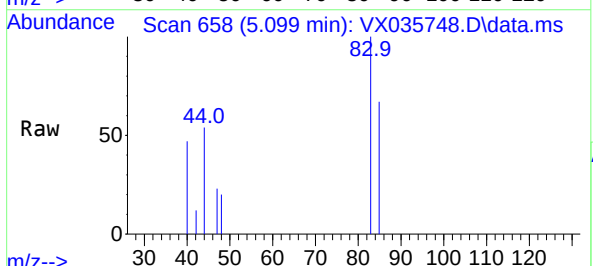
RT: 5.099 min Scan# 658

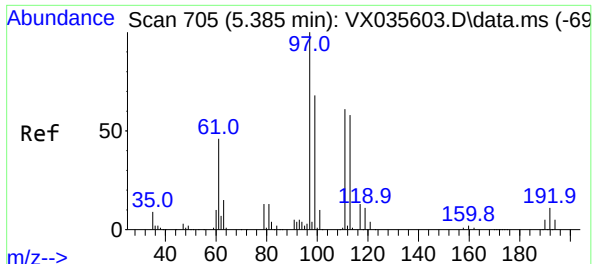
Delta R.T. 0.006 min

Lab File: VX035748.D

Acq: 18 May 2023 17:32

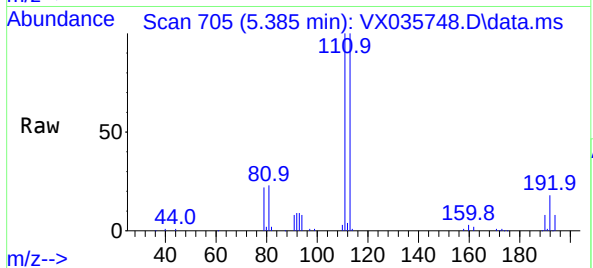
Tgt Ion:	83	Resp:	1273
Ion	Ratio	Lower	Upper
83	100		
85	66.9	50.6	76.0



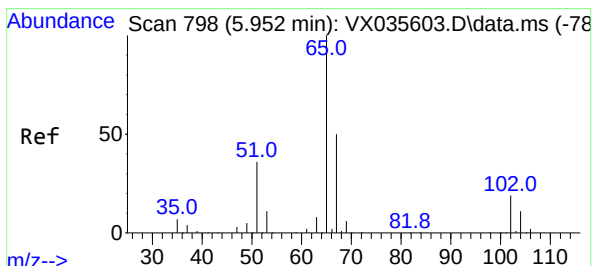
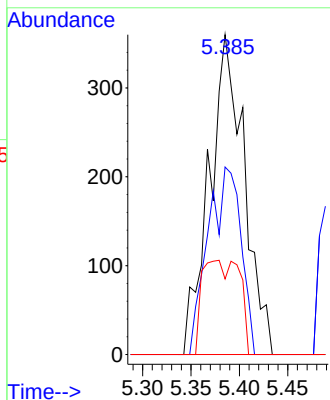
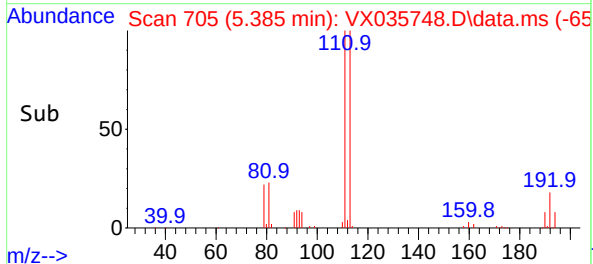


#32
1,1,1-Trichloroethane
Concen: 0.213 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :

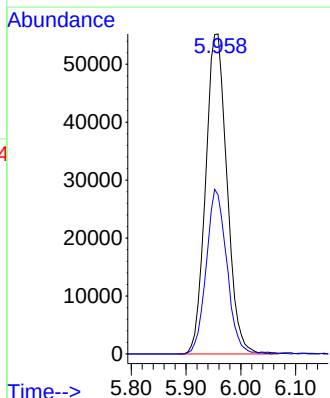
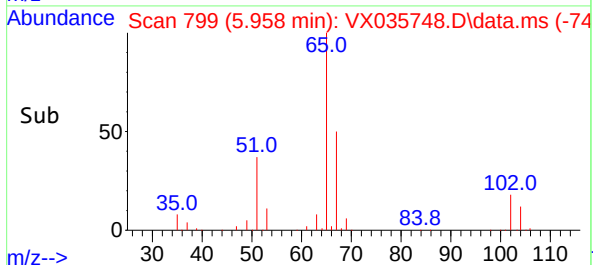
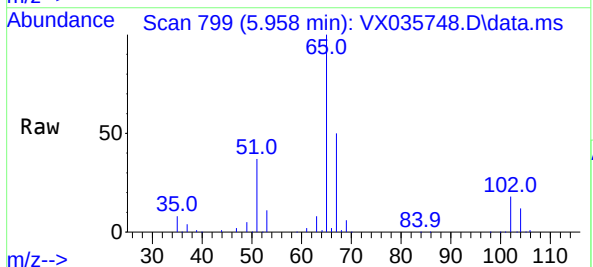


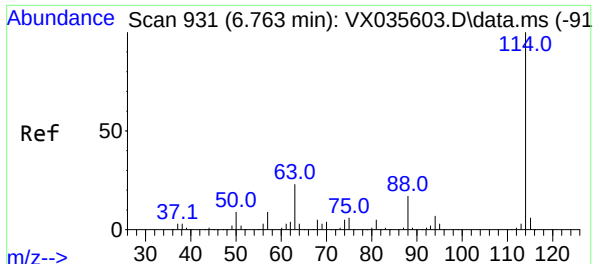
Tgt Ion: 97 Resp: 906
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 0.0 36.5 54.7#



#33
1,2-Dichloroethane-d4
Concen: 44.936 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Tgt Ion: 65 Resp: 149451
Ion Ratio Lower Upper
65 100
67 49.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX035748.D

Acq: 18 May 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

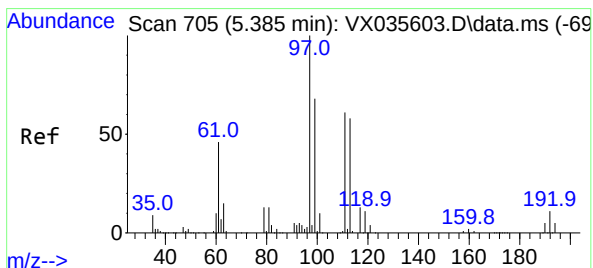
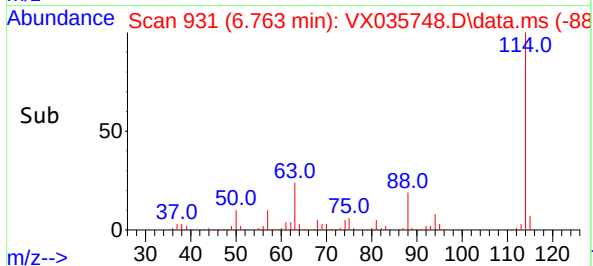
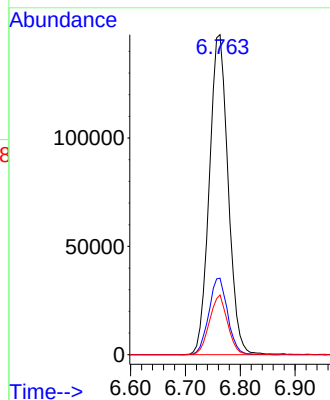
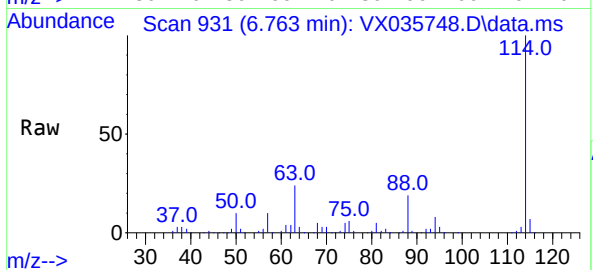
Tgt Ion:114 Resp: 351569

Ion Ratio Lower Upper

114 100

63 23.9 0.0 42.2

88 18.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 40.952 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035748.D

Acq: 18 May 2023 17:32

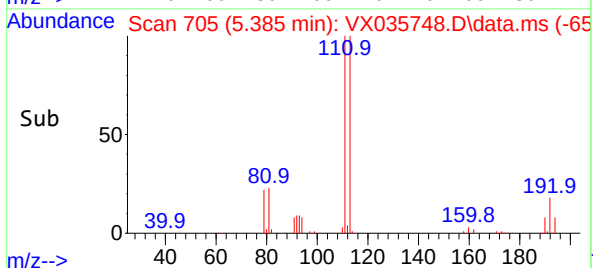
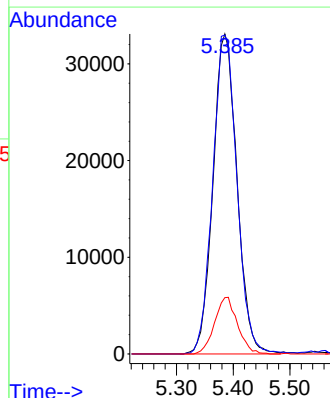
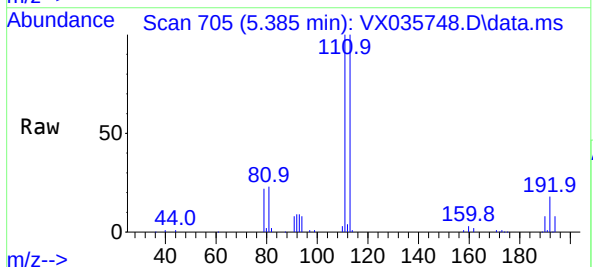
Tgt Ion:113 Resp: 97095

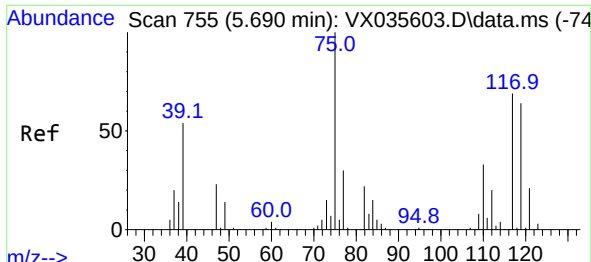
Ion Ratio Lower Upper

113 100

111 101.1 83.7 125.5

192 16.9 15.4 23.2





#36

1,1-Dichloropropene

Concen: 0.249 ug/l

RT: 5.708 min Scan# 75

Delta R.T. 0.018 min

Lab File: VX035748.D

Acq: 18 May 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

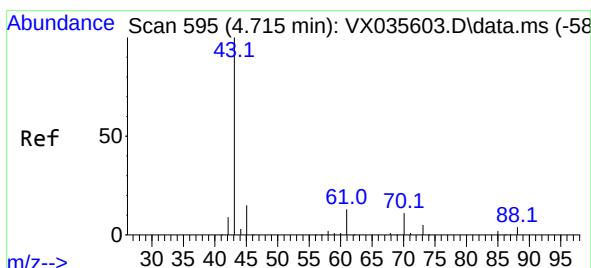
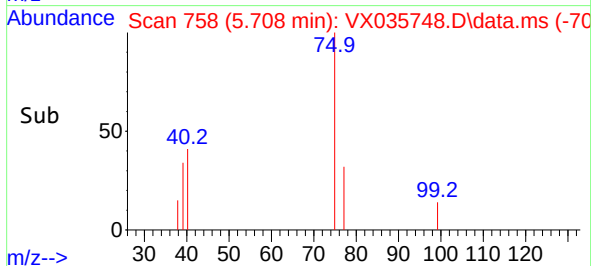
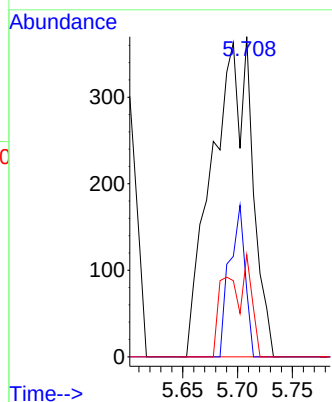
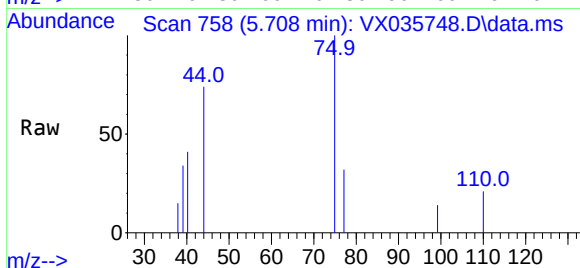
Tgt Ion: 75 Resp: 932

Ion Ratio Lower Upper

75 100

110 18.7 17.5 52.5

77 12.4 24.3 36.5#



#37

Ethyl Acetate

Concen: 0.289 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX035748.D

Acq: 18 May 2023 17:32

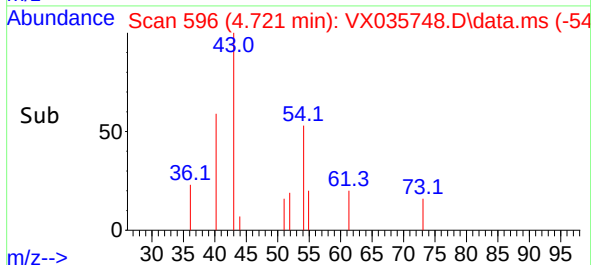
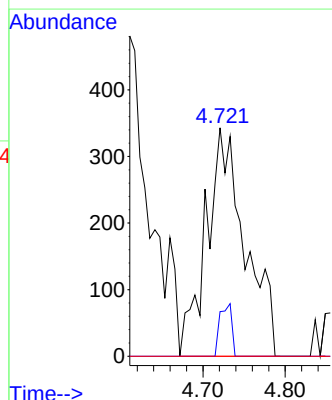
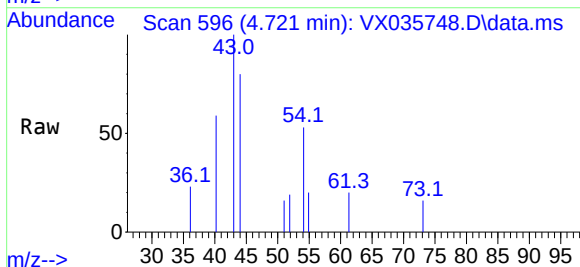
Tgt Ion: 43 Resp: 1128

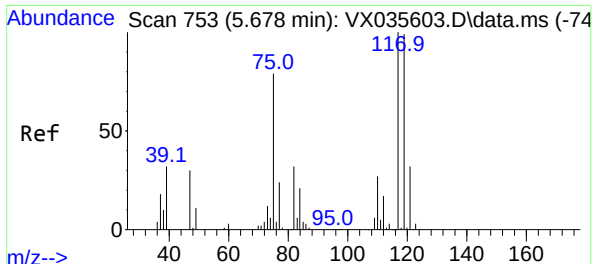
Ion Ratio Lower Upper

43 100

61 6.9 10.2 15.4#

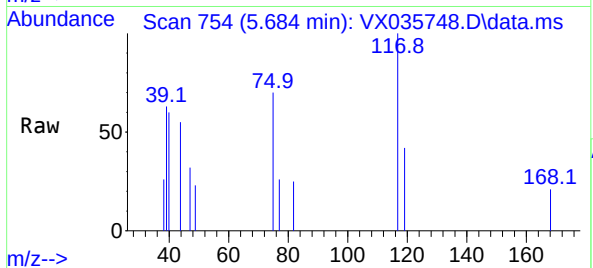
70 0.0 8.2 12.4#



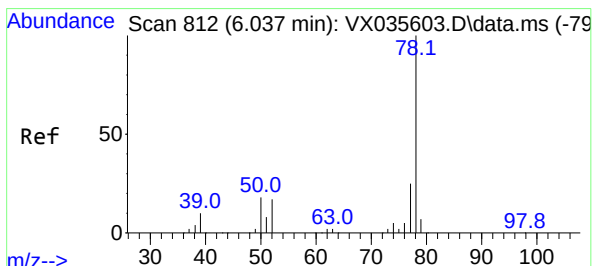
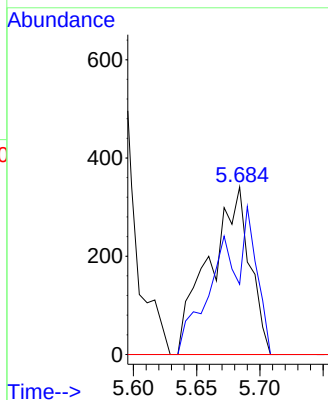
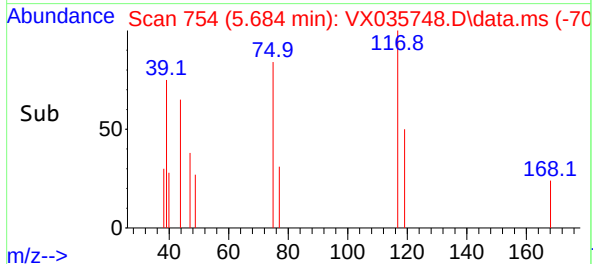


#38
Carbon Tetrachloride
Concen: 0.215 ug/l
RT: 5.684 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :

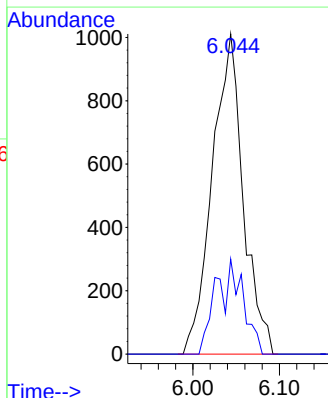
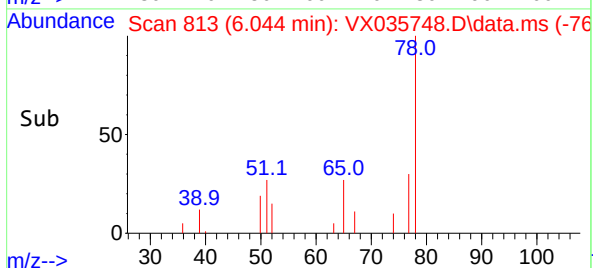
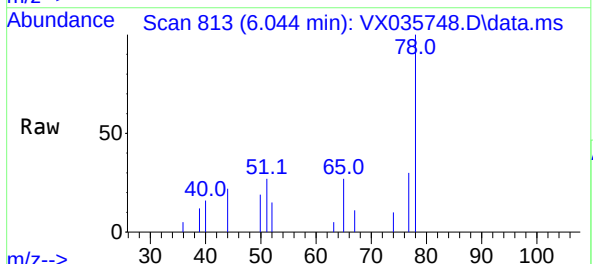


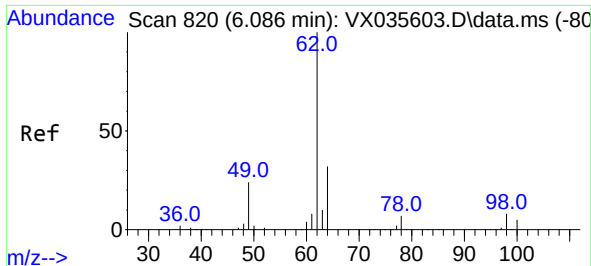
Tgt Ion:117 Resp: 761
Ion Ratio Lower Upper
117 100
119 41.9 76.6 114.8#
121 0.0 23.8 35.6#



#40
Benzene
Concen: 0.240 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Tgt Ion: 78 Resp: 2508
Ion Ratio Lower Upper
78 100
77 29.7 19.0 28.4#





#42

1,2-Dichloroethane

Concen: 0.311 ug/l

RT: 6.086 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX035748.D

Acq: 18 May 2023 17:32

Instrument :

MSVOA_X

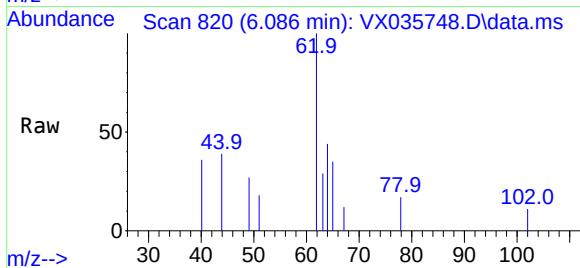
ClientSampleId :

Tgt Ion: 62 Resp: 1399

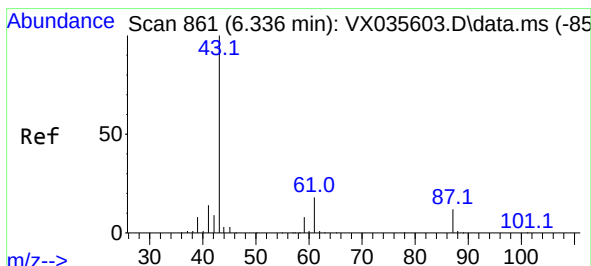
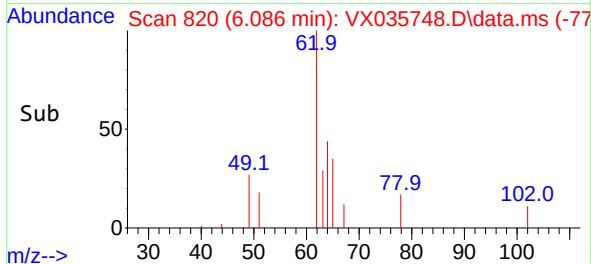
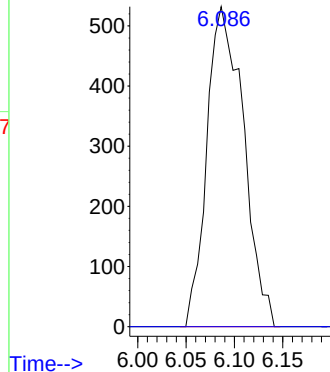
Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.0



Abundance



#43

Isopropyl Acetate

Concen: 0.224 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX035748.D

Acq: 18 May 2023 17:32

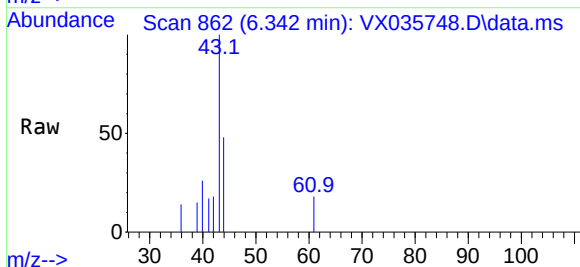
Tgt Ion: 43 Resp: 1524

Ion Ratio Lower Upper

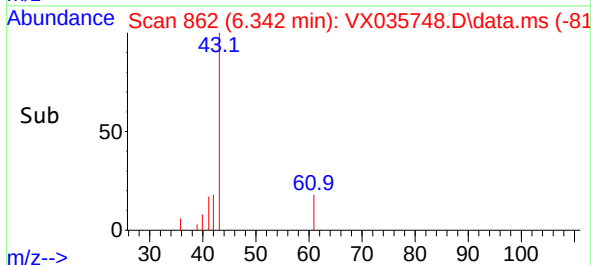
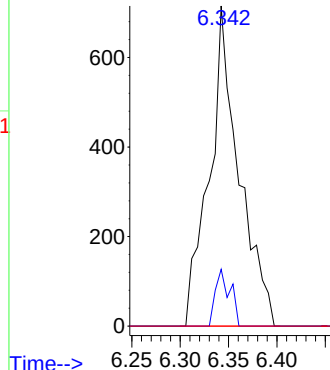
43 100

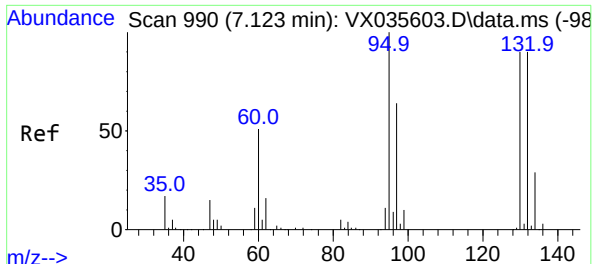
61 8.8 15.2 22.8#

87 0.0 9.8 14.8#



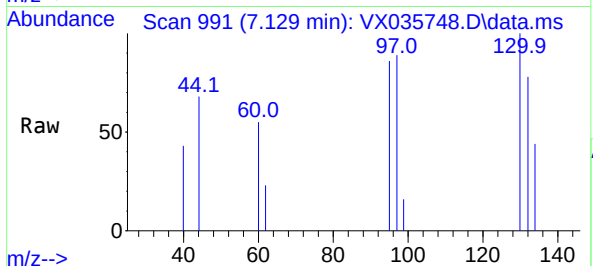
Abundance



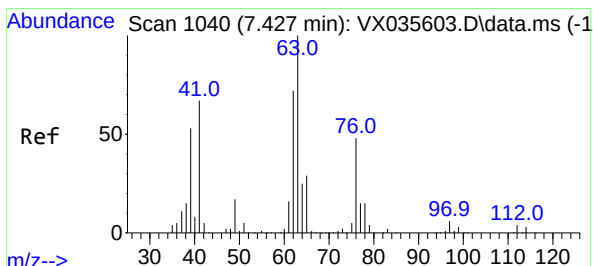
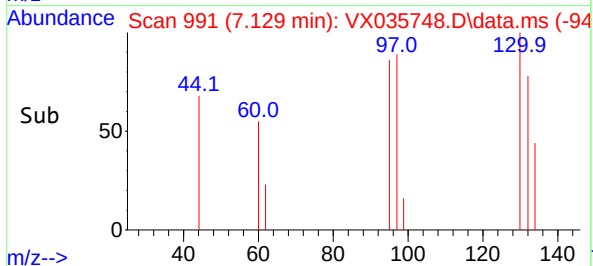
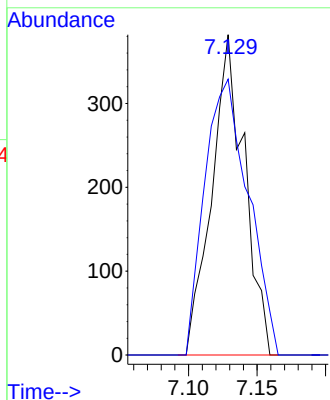


#44
Trichloroethene
Concen: 0.238 ug/l
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :

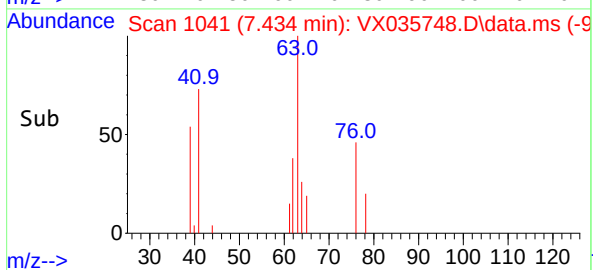
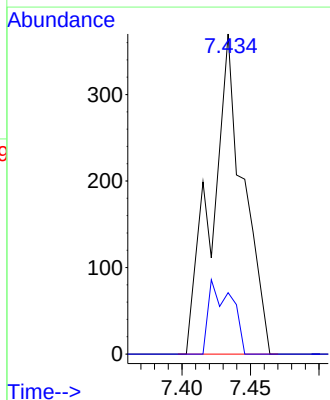
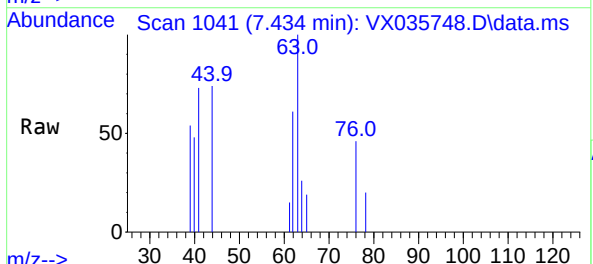


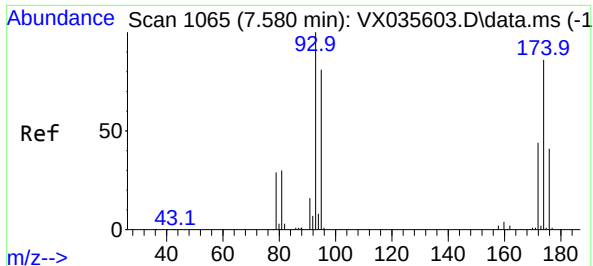
Tgt Ion:130 Resp: 632
Ion Ratio Lower Upper
130 100
95 86.1 0.0 198.4



#45
1,2-Dichloropropane
Concen: 0.216 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

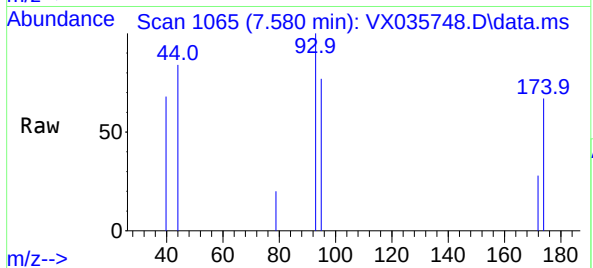
Tgt Ion: 63 Resp: 598
Ion Ratio Lower Upper
63 100
65 19.2 24.6 37.0#



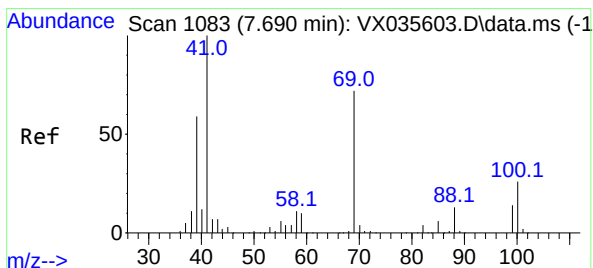
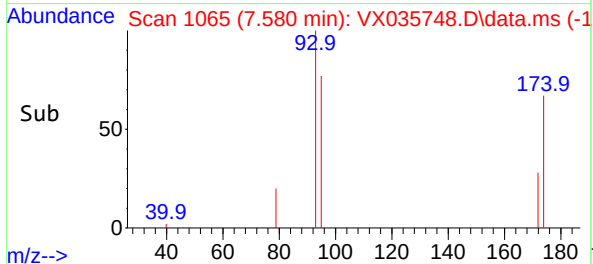
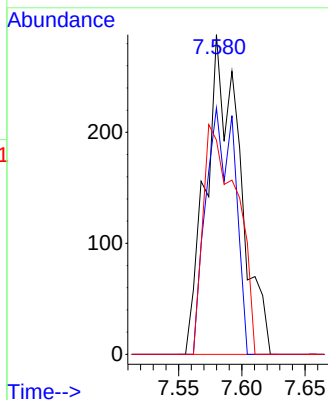


#46
Dibromomethane
Concen: 0.283 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :

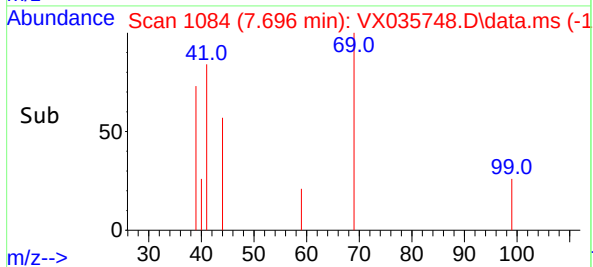
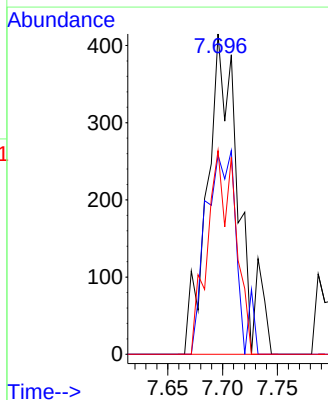
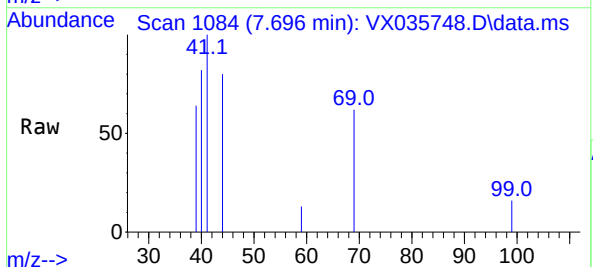


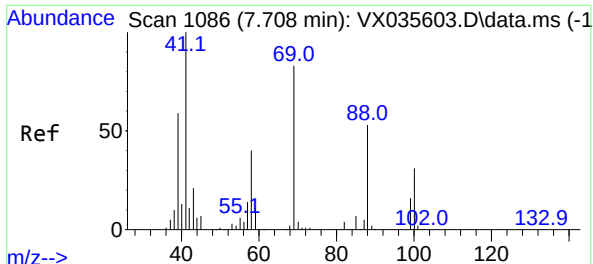
Tgt Ion: 93 Resp: 537
Ion Ratio Lower Upper
93 100
95 65.4 66.9 100.3#
174 71.5 75.4 113.0#



#48
Methyl methacrylate
Concen: 0.247 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

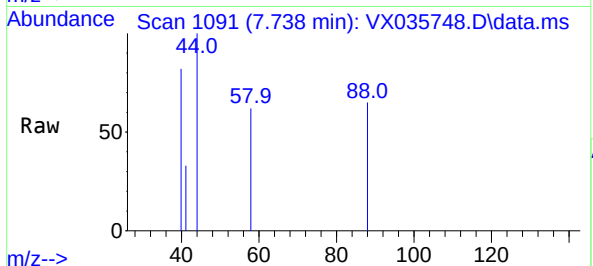
Tgt Ion: 41 Resp: 829
Ion Ratio Lower Upper
41 100
69 62.0 62.2 93.4#
39 56.5 47.7 71.5



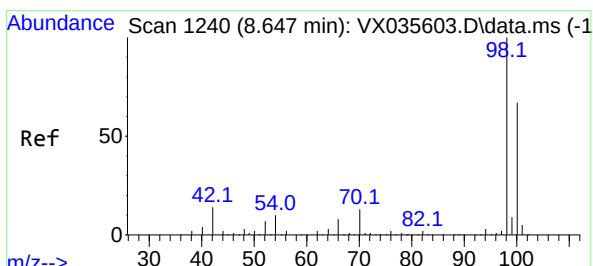
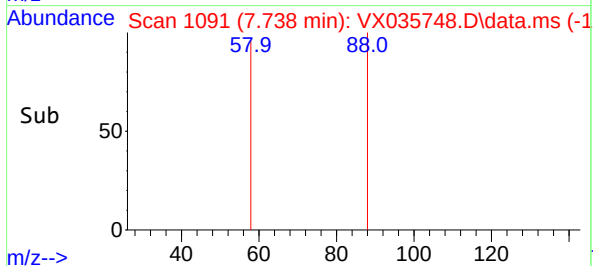
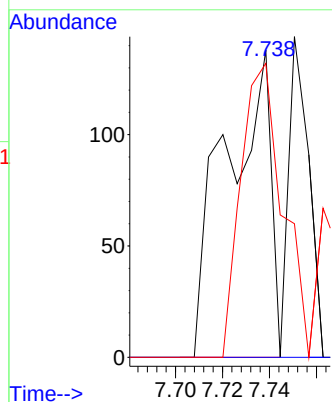


#49
1,4-Dioxane
Concen: 2.535 ug/l
RT: 7.738 min Scan# 1086
Delta R.T. 0.030 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :

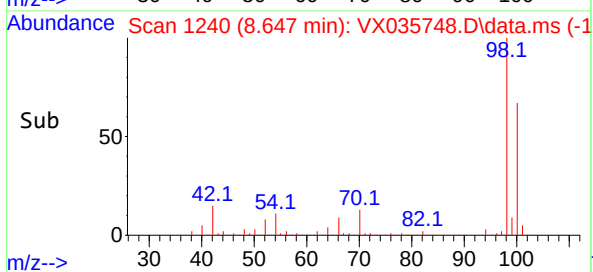
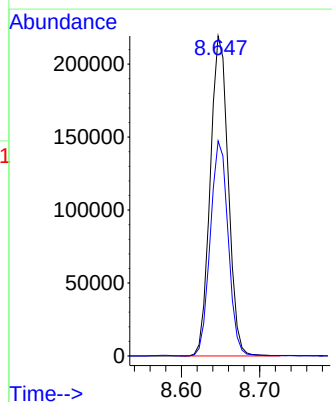
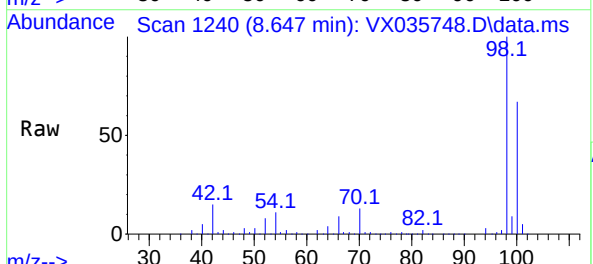


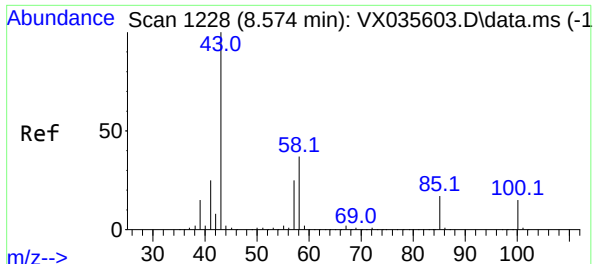
Tgt Ion: 88 Resp: 183
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 89.1 56.8 85.2#



#50
Toluene-d8
Concen: 40.008 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Tgt Ion: 98 Resp: 350431
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7

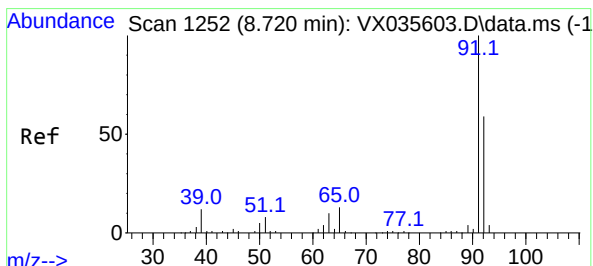
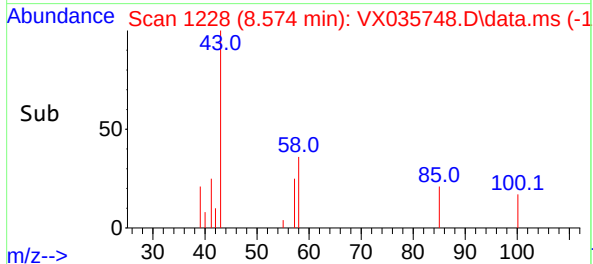
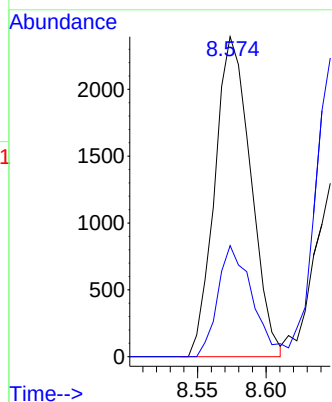
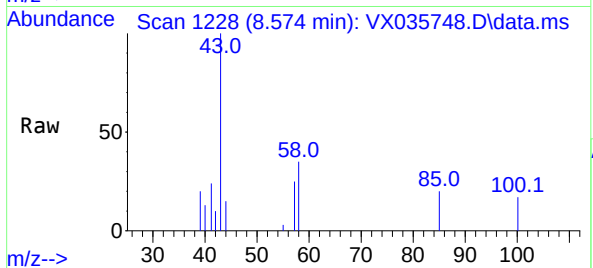




#51
4-Methyl-2-Pentanone
Concen: 1.114 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

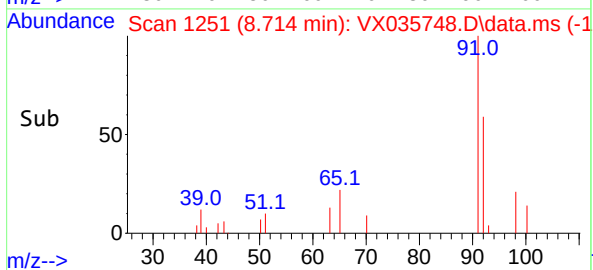
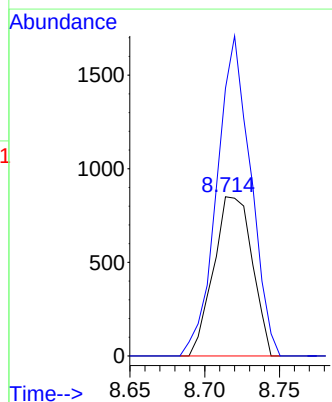
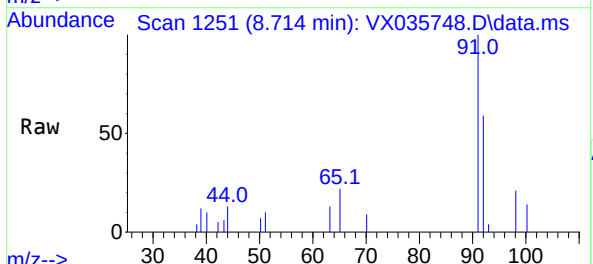
Instrument :
MSVOA_X
ClientSampleId :

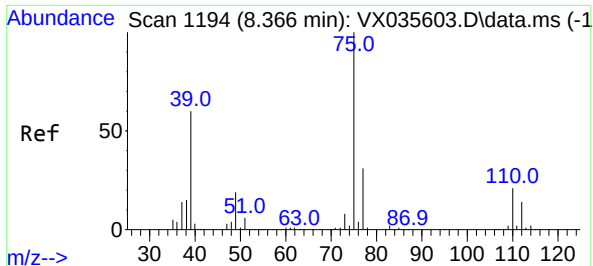
Tgt Ion: 43 Resp: 4368
Ion Ratio Lower Upper
43 100
58 33.6 30.6 46.0



#52
Toluene
Concen: 0.230 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

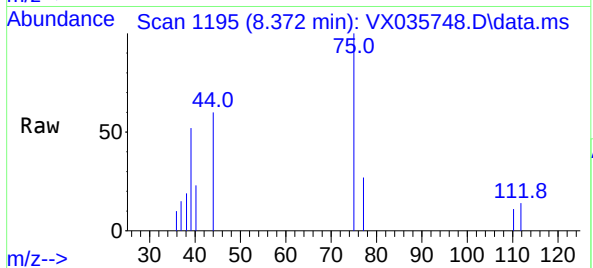
Tgt Ion: 92 Resp: 1523
Ion Ratio Lower Upper
92 100
91 176.8 136.8 205.2





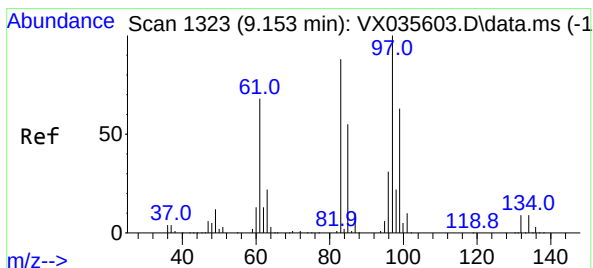
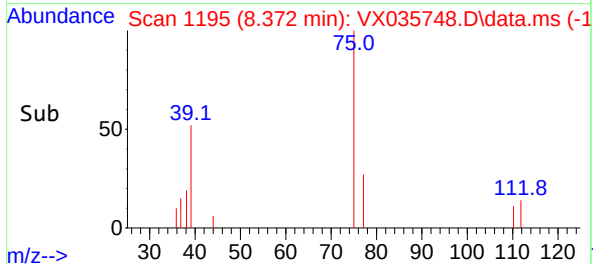
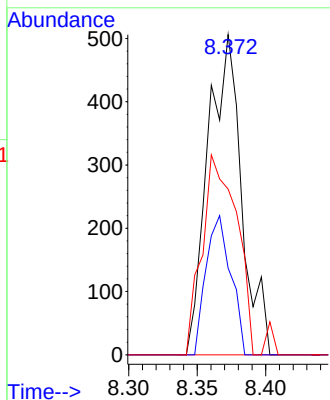
#54
 cis-1,3-Dichloropropene
 Concen: 0.202 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX035748.D
 Acq: 18 May 2023 17:32

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 864

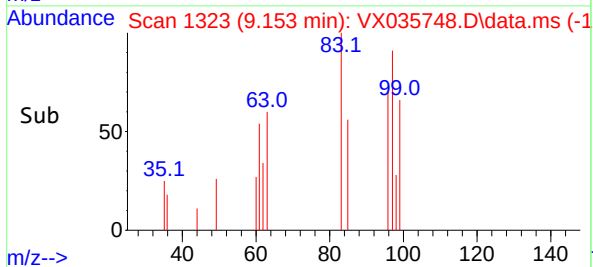
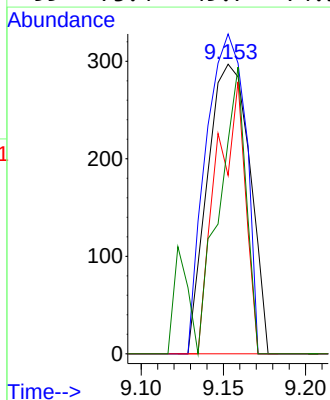
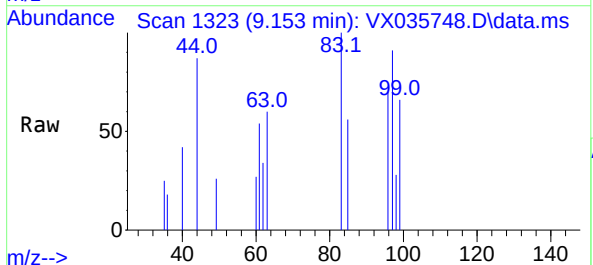
Ion	Ratio	Lower	Upper
75	100		
77	27.1	25.0	37.4
39	51.8	44.6	66.8

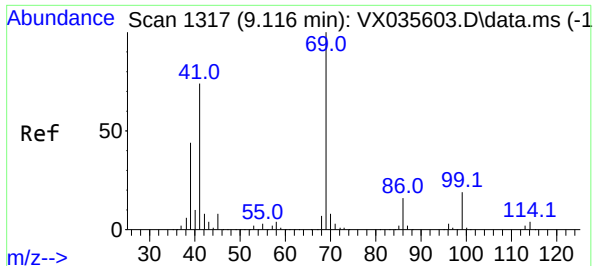


#55
 1,1,2-Trichloroethane
 Concen: 0.206 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. -0.000 min
 Lab File: VX035748.D
 Acq: 18 May 2023 17:32

Tgt Ion: 97 Resp: 534

Ion	Ratio	Lower	Upper
97	100		
83	110.4	69.7	104.5#
85	61.6	43.7	65.5
99	73.4	49.7	74.5





#56

Ethyl methacrylate

Concen: 0.224 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VX035748.D

Acq: 18 May 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

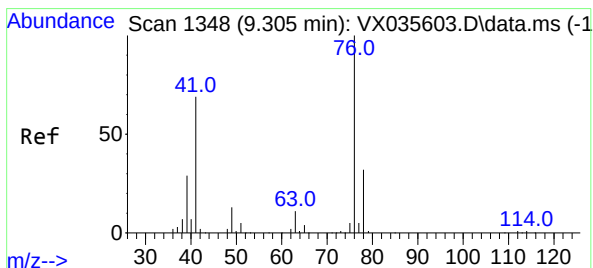
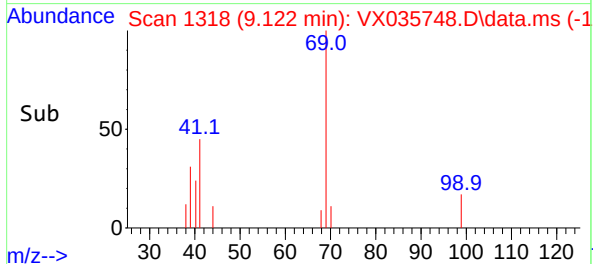
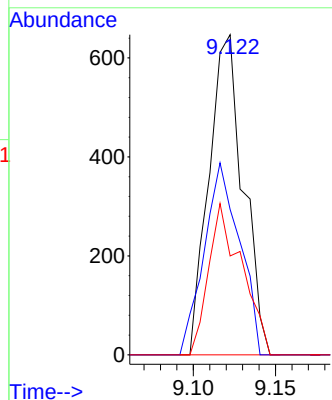
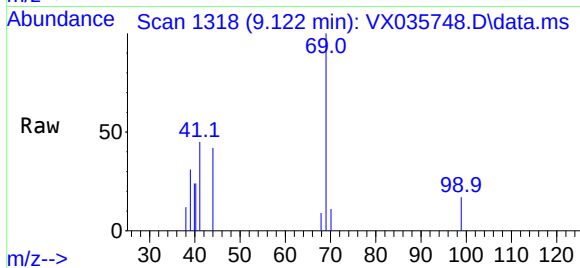
Tgt Ion: 69 Resp: 941

Ion Ratio Lower Upper

69 100

41 61.8 57.4 86.0

39 45.6 33.7 50.5



#57

1,3-Dichloropropane

Concen: 0.216 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX035748.D

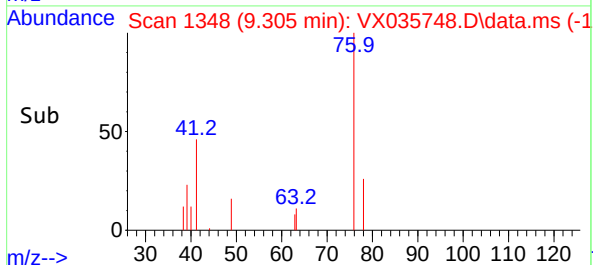
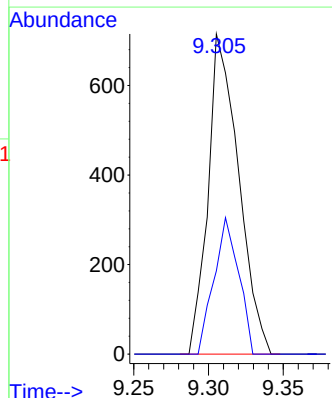
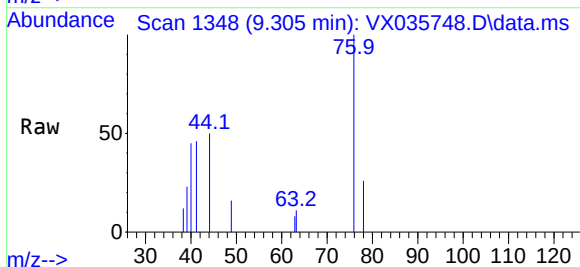
Acq: 18 May 2023 17:32

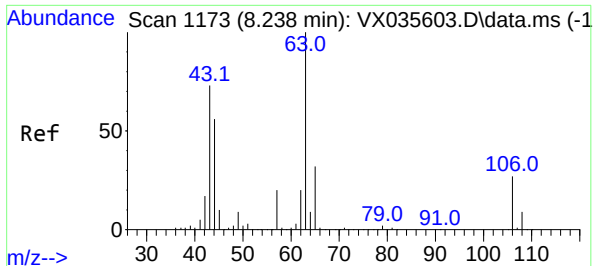
Tgt Ion: 76 Resp: 1015

Ion Ratio Lower Upper

76 100

78 34.4 25.8 38.8

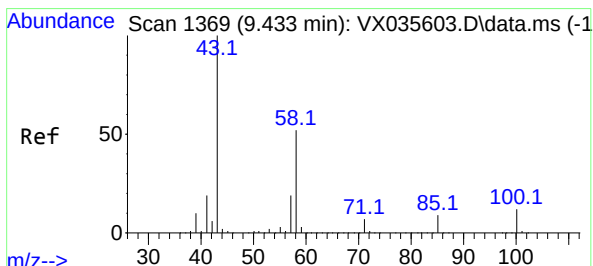
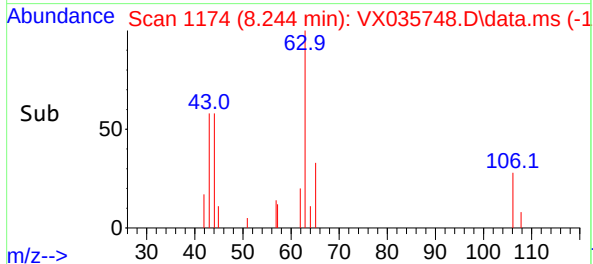
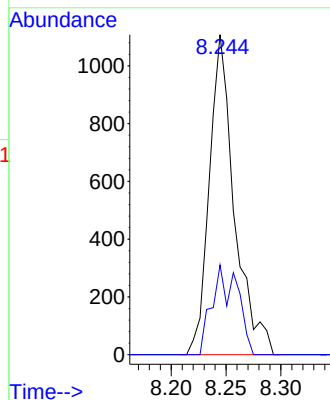
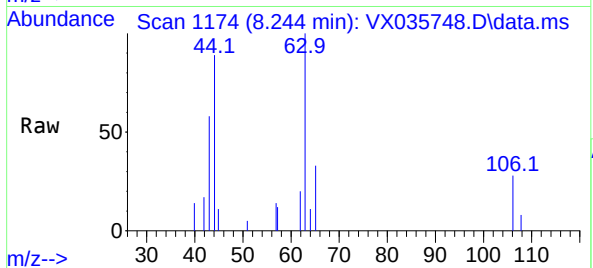




#58
2-Chloroethyl Vinyl ether
Concen: 0.824 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

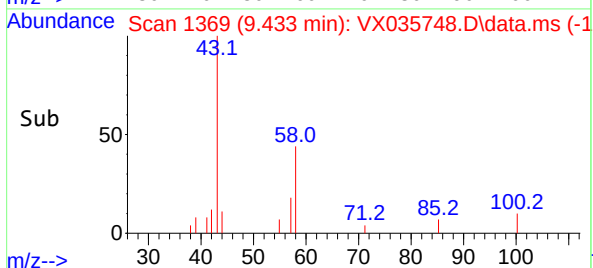
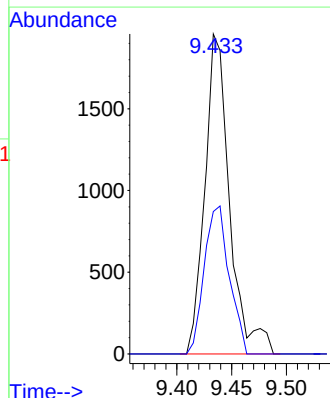
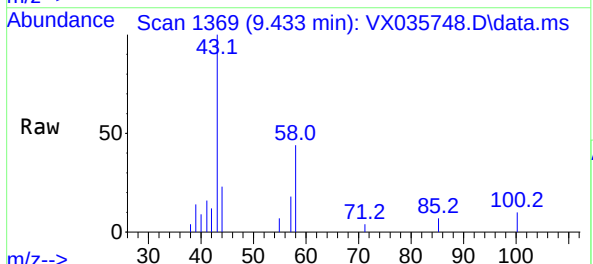
Instrument :
MSVOA_X
ClientSampleId :

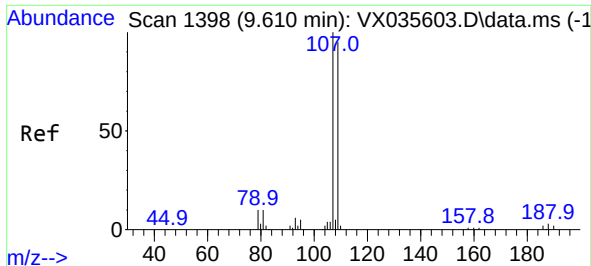
Tgt Ion: 63 Resp: 1762
Ion Ratio Lower Upper
63 100
106 28.4 22.2 33.2



#59
2-Hexanone
Concen: 1.038 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Tgt Ion: 43 Resp: 3065
Ion Ratio Lower Upper
43 100
58 46.8 26.3 78.9





#61

1,2-Dibromoethane

Concen: 0.223 ug/l

RT: 9.616 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX035748.D

Acq: 18 May 2023 17:32

Instrument :

MSVOA_X

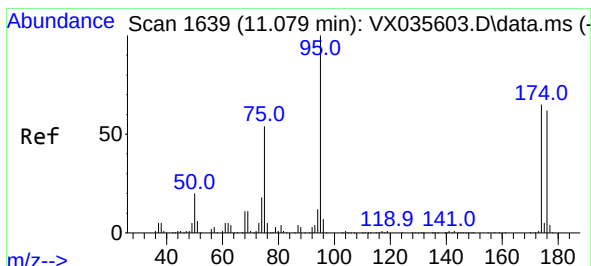
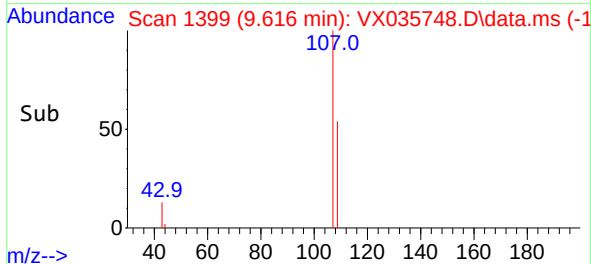
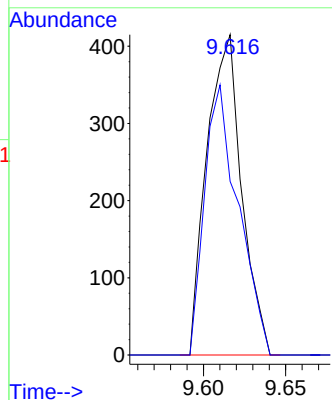
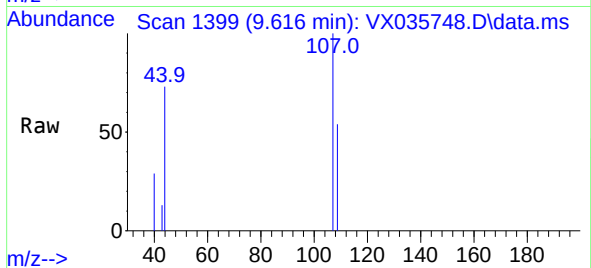
ClientSampleId :

Tgt Ion:107 Resp: 610

Ion Ratio Lower Upper

107 100

109 82.0 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 39.034 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035748.D

Acq: 18 May 2023 17:32

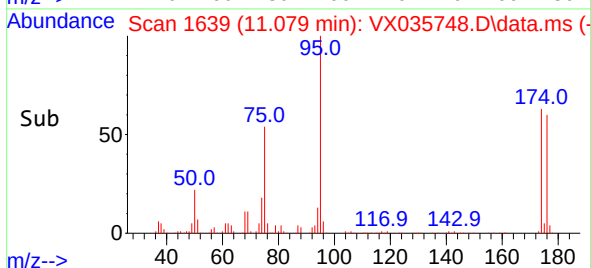
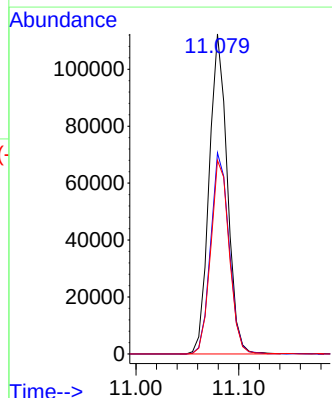
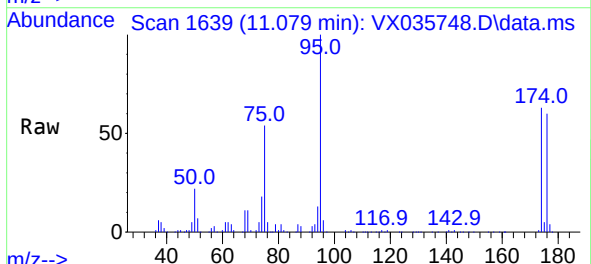
Tgt Ion: 95 Resp: 137662

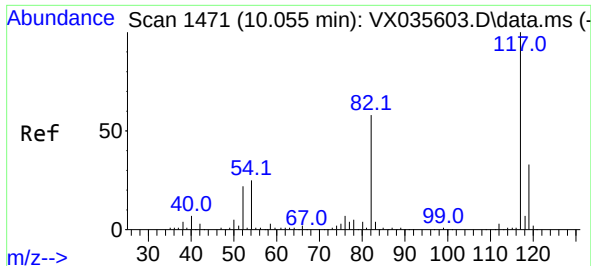
Ion Ratio Lower Upper

95 100

174 64.1 0.0 147.4

176 61.7 0.0 140.6

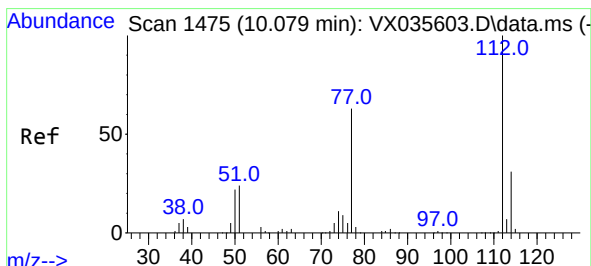
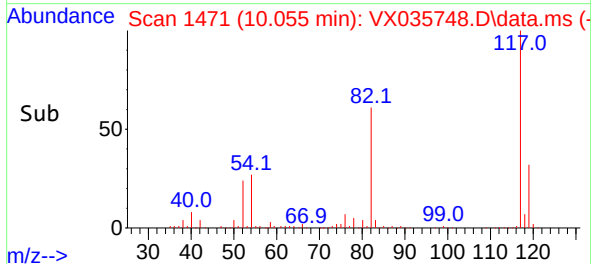
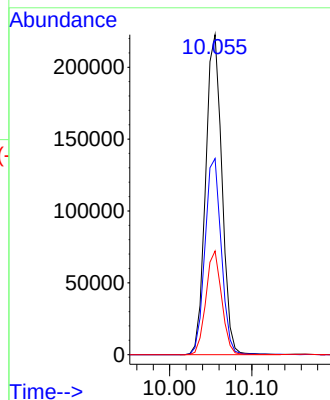
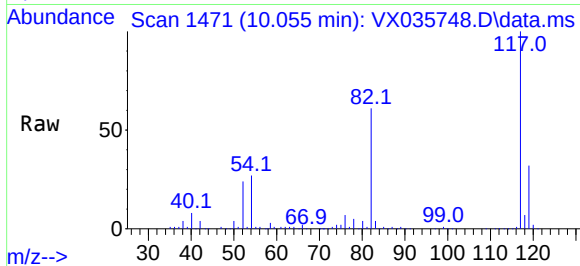




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

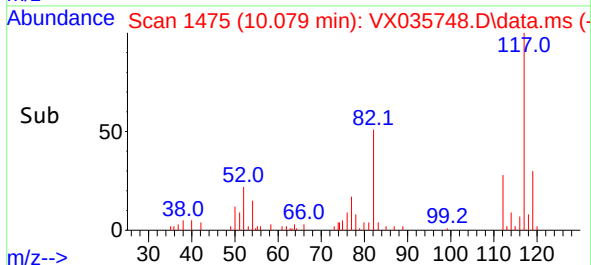
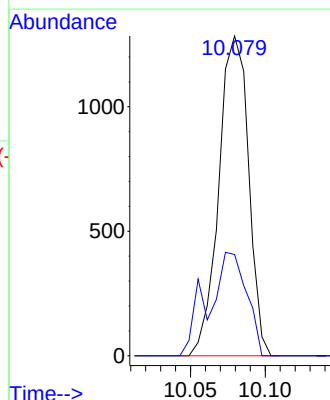
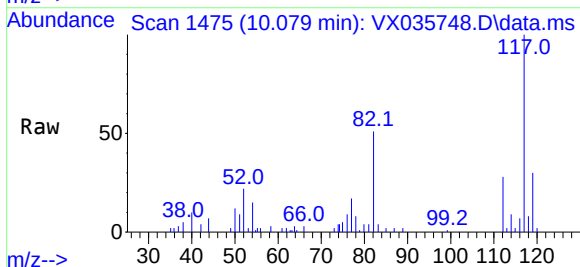
Instrument :
MSVOA_X
ClientSampleId :

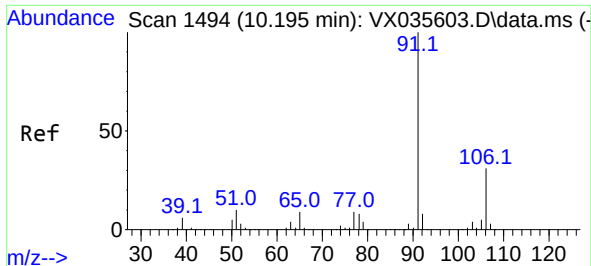
Tgt Ion:117 Resp: 306357
Ion Ratio Lower Upper
117 100
82 61.3 45.0 67.4
119 32.4 26.0 39.0



#65
Chlorobenzene
Concen: 0.266 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Tgt Ion:112 Resp: 1776
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.2

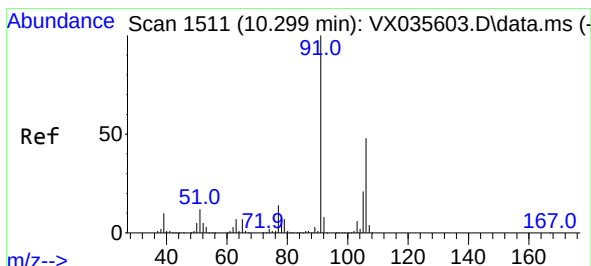
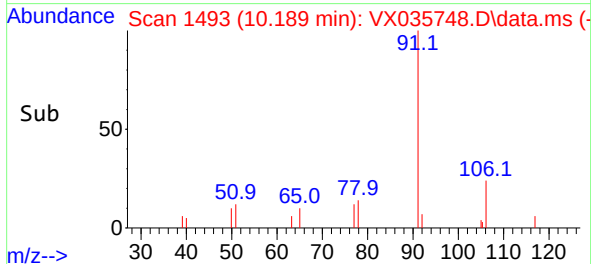
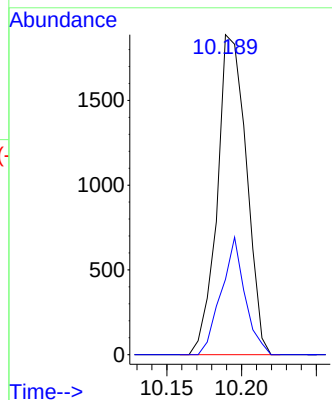
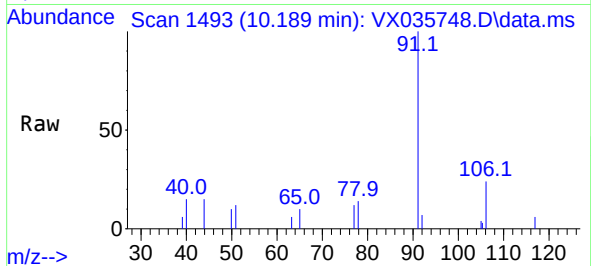




#67
Ethyl Benzene
Concen: 0.203 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

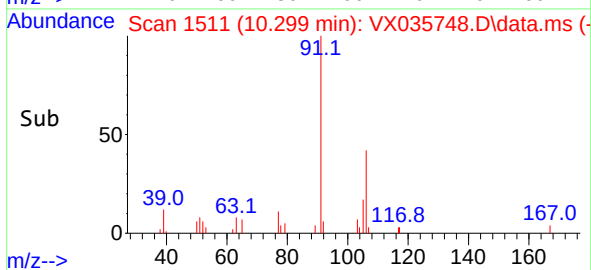
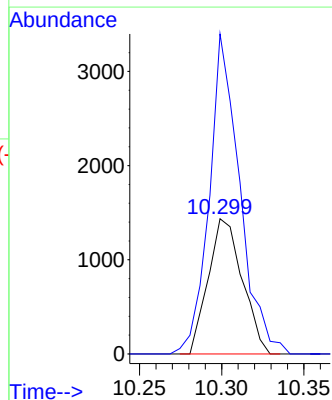
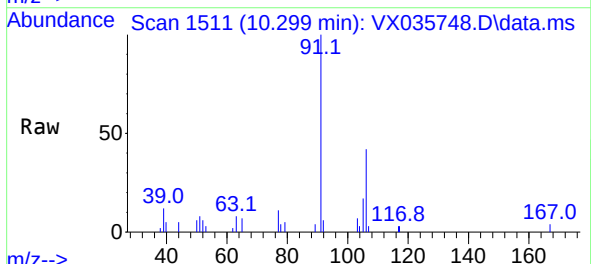
Instrument :
MSVOA_X
ClientSampleId :

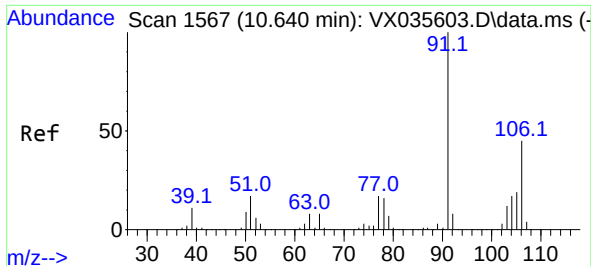
Tgt Ion: 91 Resp: 2559
Ion Ratio Lower Upper
91 100
106 23.5 25.6 38.4#



#68
m/p-Xylenes
Concen: 0.445 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Tgt Ion: 106 Resp: 2068
Ion Ratio Lower Upper
106 100
91 212.0 164.0 246.0

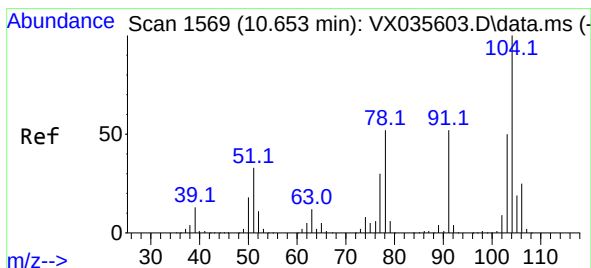
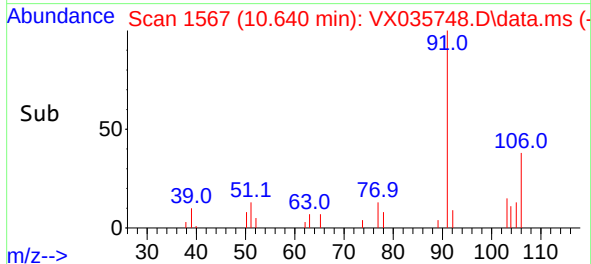
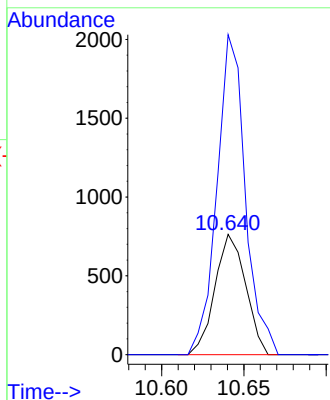
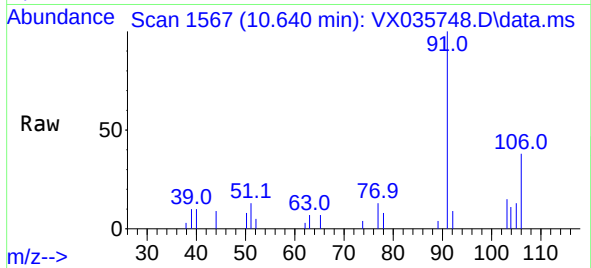




#69
o-Xylene
Concen: 0.215 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

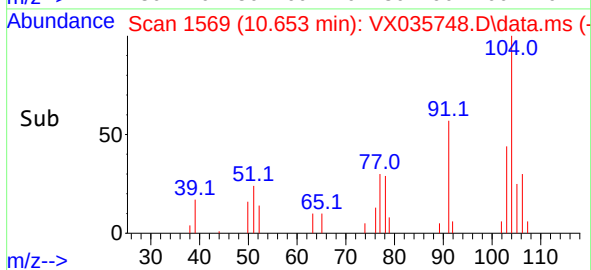
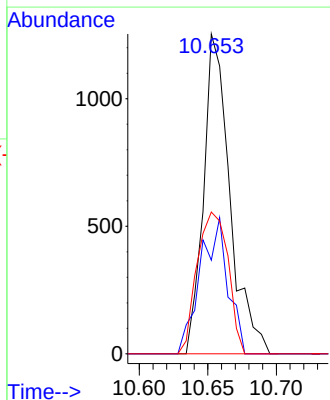
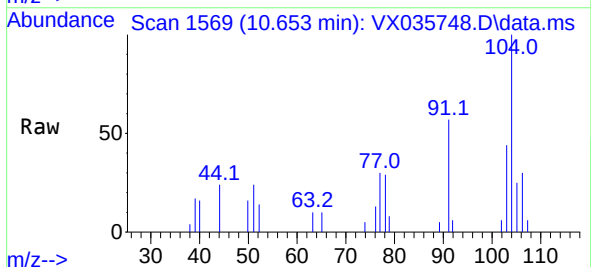
Instrument :
MSVOA_X
ClientSampleId :

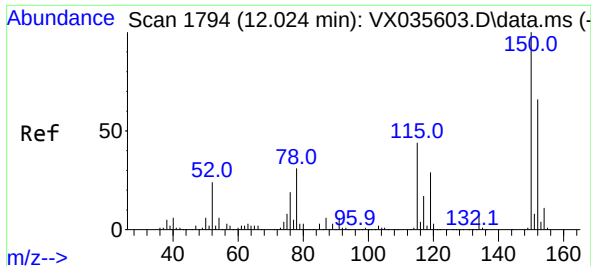
Tgt Ion:106 Resp: 992
Ion Ratio Lower Upper
106 100
91 245.6 108.5 325.3



#70
Styrene
Concen: 0.226 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

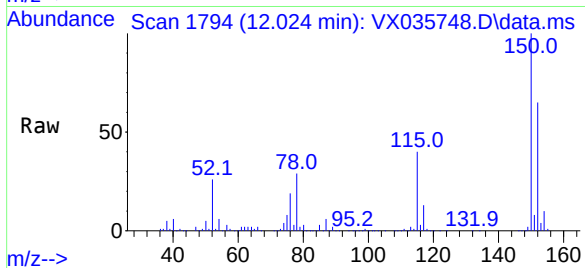
Tgt Ion:104 Resp: 1681
Ion Ratio Lower Upper
104 100
78 44.5 43.4 65.2
103 52.1 44.2 66.2



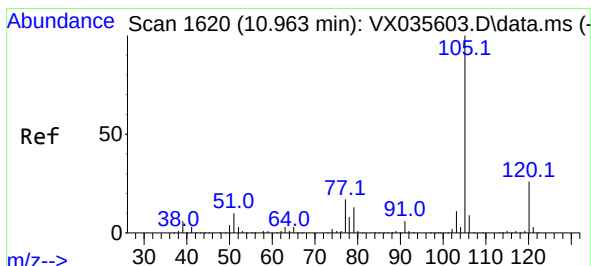
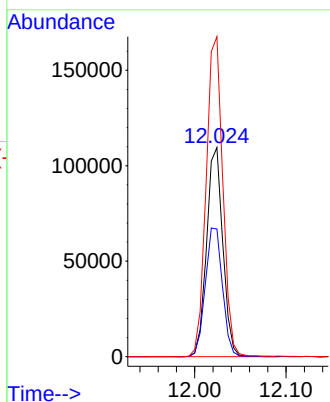
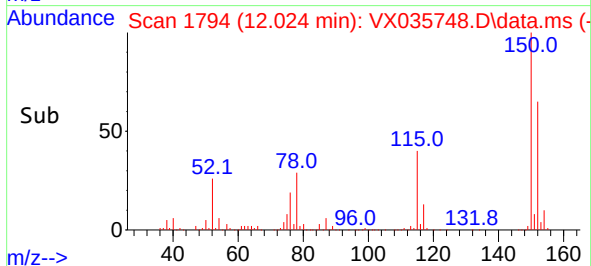


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

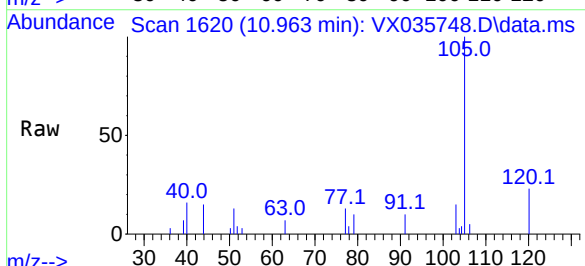
Instrument :
MSVOA_X
ClientSampleId :



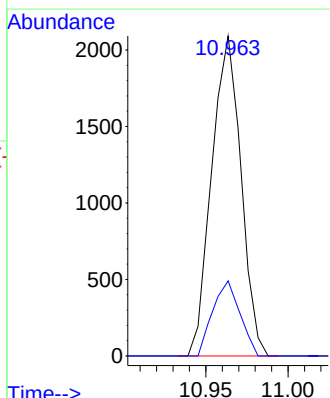
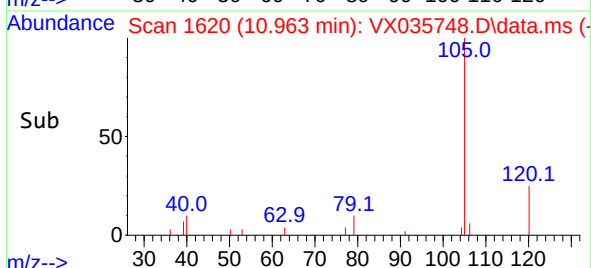
Tgt Ion:152 Resp: 134759
Ion Ratio Lower Upper
152 100
115 65.2 45.0 135.0
150 157.0 0.0 352.4

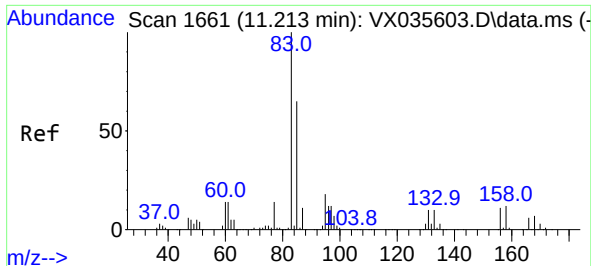


#73
Isopropylbenzene
Concen: 0.228 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32



Tgt Ion:105 Resp: 2591
Ion Ratio Lower Upper
105 100
120 21.7 13.3 39.9

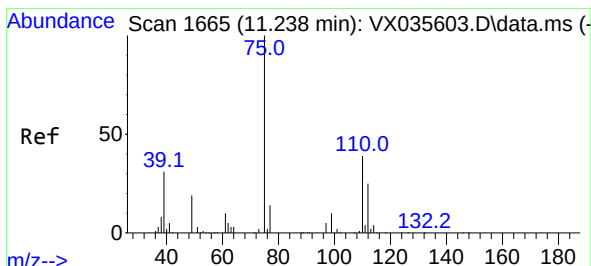
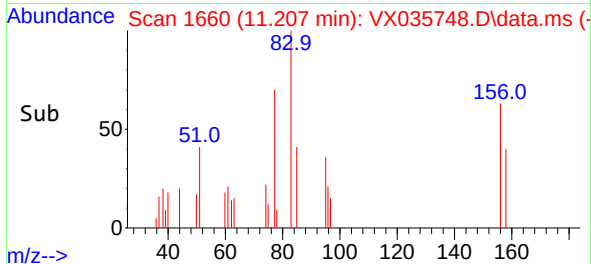
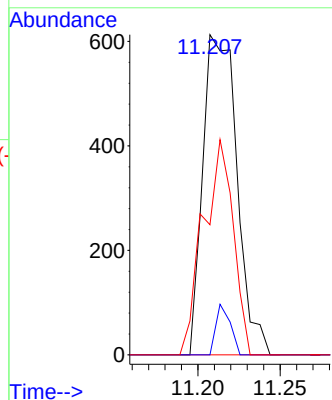
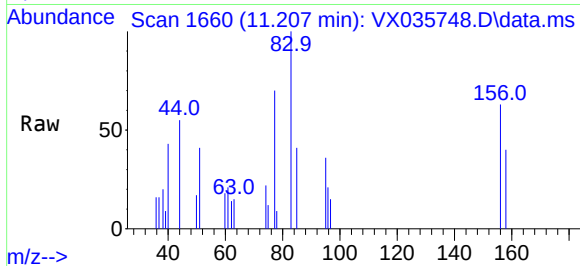




#75
1,1,2,2-Tetrachloroethane
Concen: 0.240 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

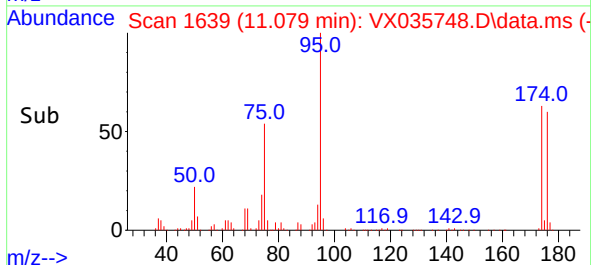
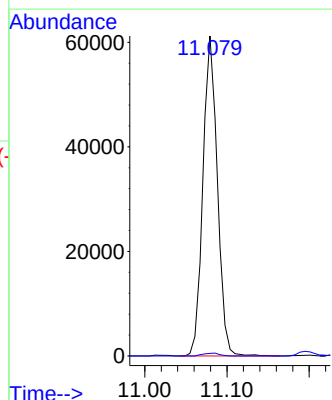
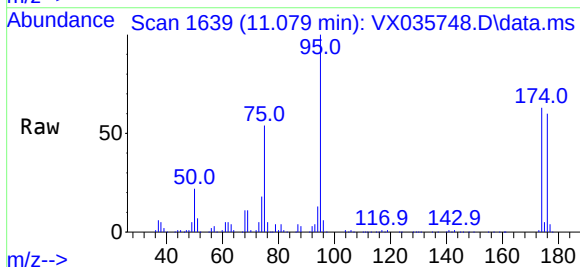
Instrument :
MSVOA_X
ClientSampleId :

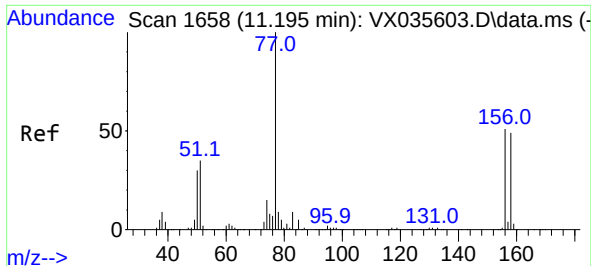
Tgt Ion: 83 Resp: 884
Ion Ratio Lower Upper
83 100
131 6.7 4.8 14.3
85 59.0 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 22.656 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

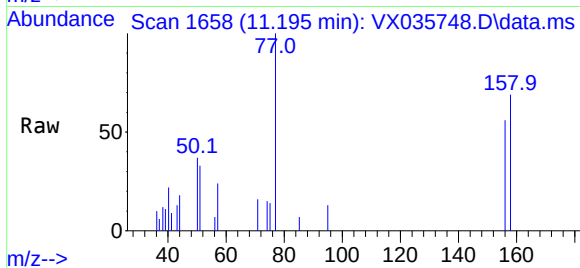
Tgt Ion: 75 Resp: 74681
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



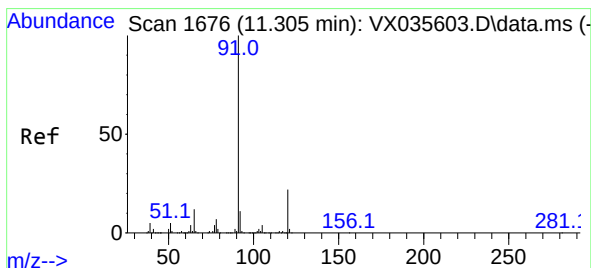
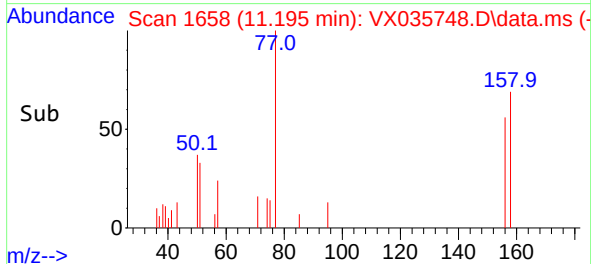
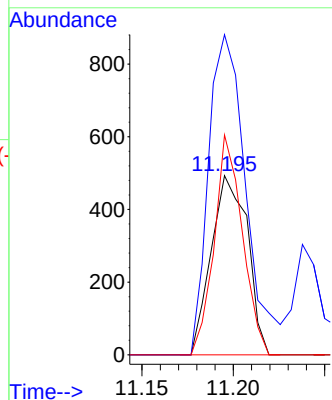


#77
Bromobenzene
Concen: 0.263 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :

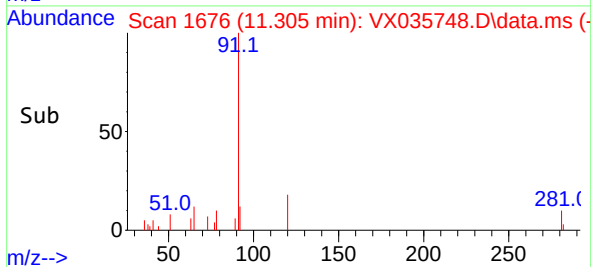
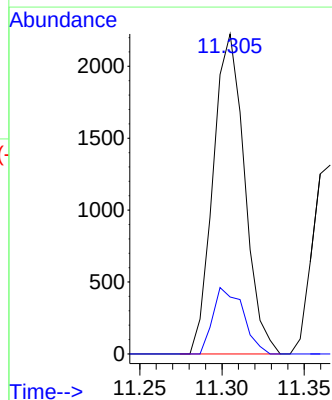
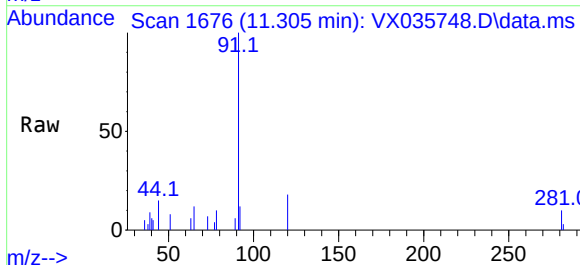


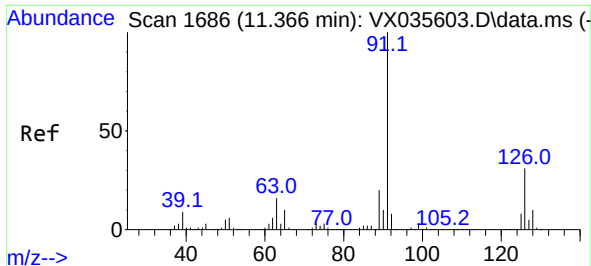
Tgt Ion:156 Resp: 679
Ion Ratio Lower Upper
156 100
77 184.7 86.7 259.9
158 95.4 48.0 144.0



#78
n-propylbenzene
Concen: 0.222 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Tgt Ion: 91 Resp: 2960
Ion Ratio Lower Upper
91 100
120 19.8 11.5 34.5

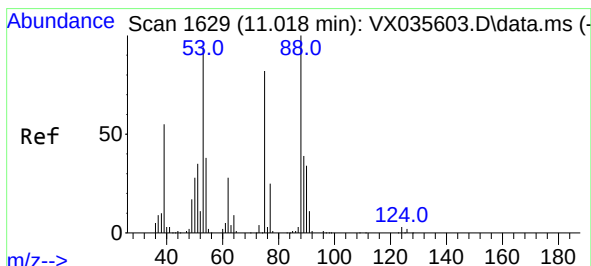
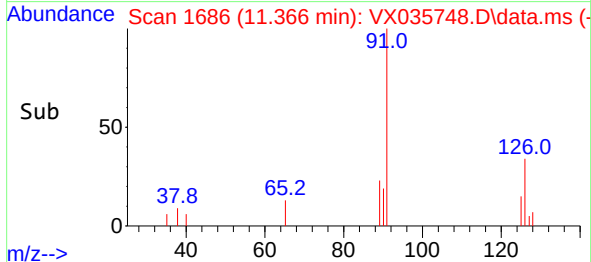
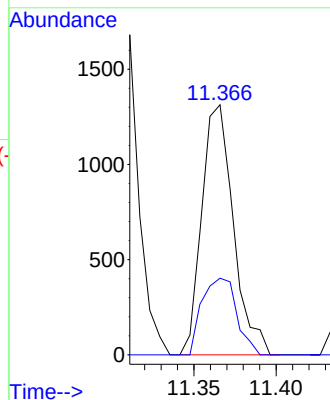
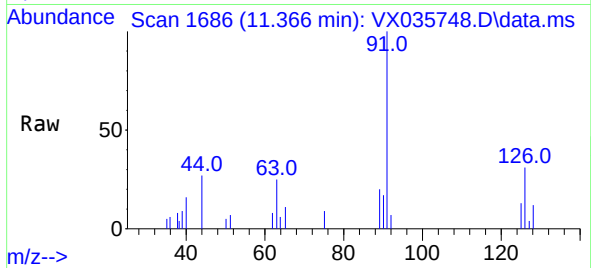




#79
2-Chlorotoluene
Concen: 0.210 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

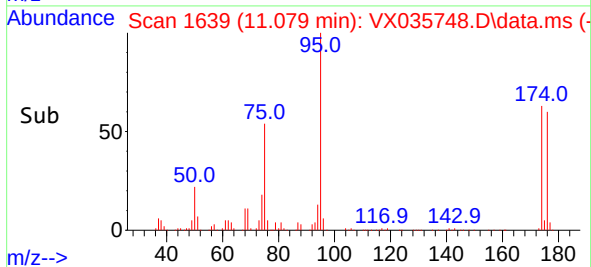
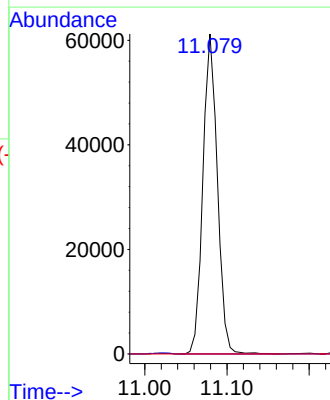
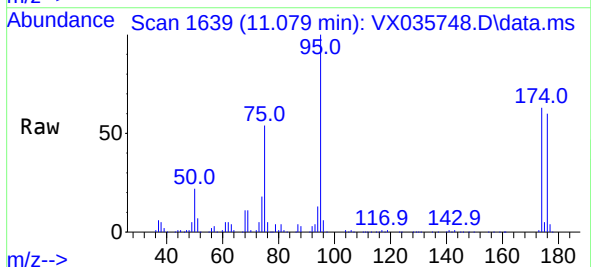
Instrument :
MSVOA_X
ClientSampleId :

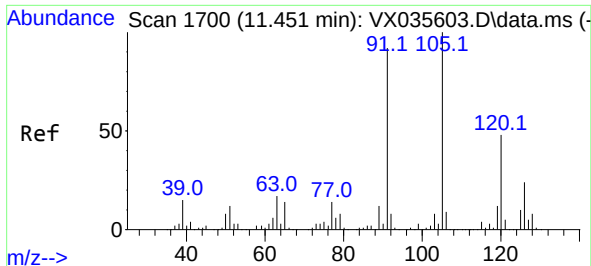
Tgt Ion: 91 Resp: 1754
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.9



#81
trans-1,4-Dichloro-2-butene
Concen: 73.018 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

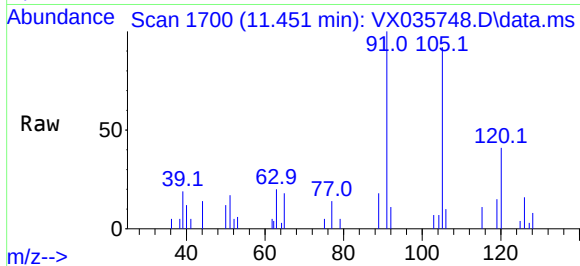
Tgt Ion: 75 Resp: 74681
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



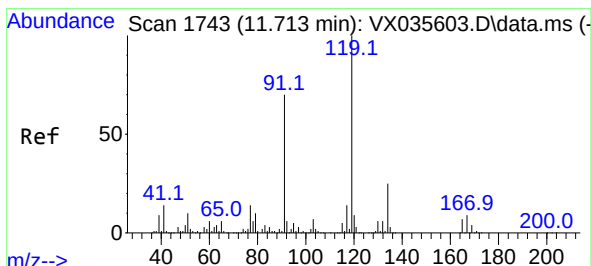
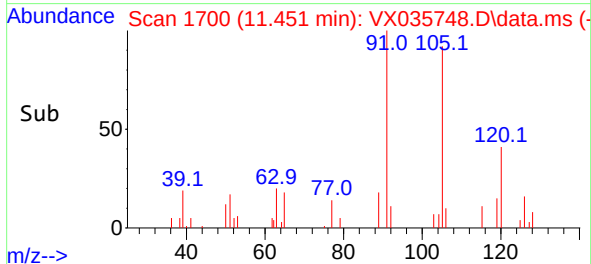
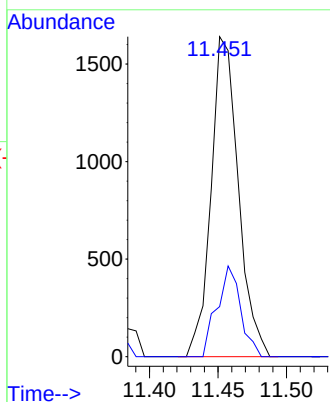


#82
4-Chlorotoluene
Concen: 0.236 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :

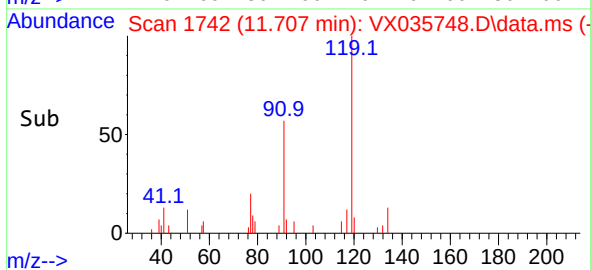
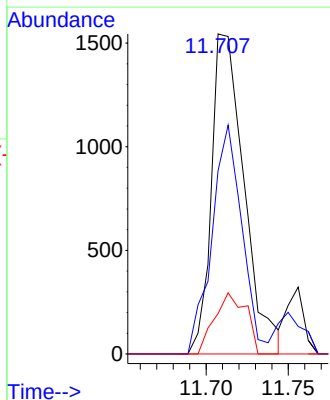
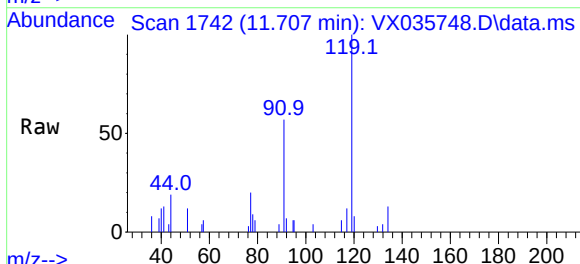


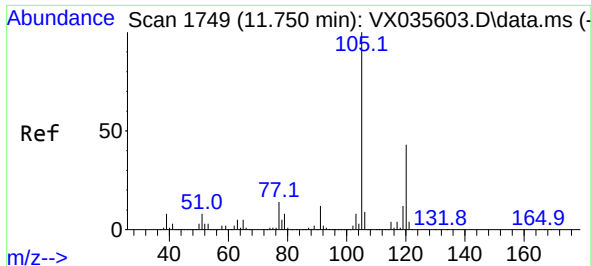
Tgt Ion: 91 Resp: 2270
Ion Ratio Lower Upper
91 100
126 24.4 14.2 42.6



#83
tert-Butylbenzene
Concen: 0.228 ug/l
RT: 11.707 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

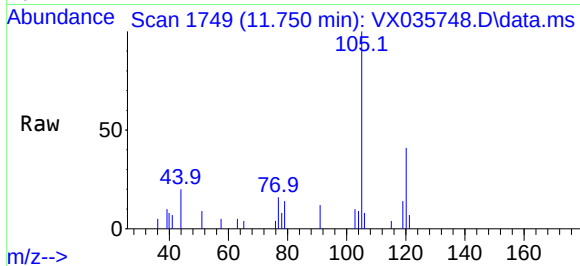
Tgt Ion: 119 Resp: 2141
Ion Ratio Lower Upper
119 100
91 65.9 30.6 92.0
134 18.3 11.8 35.4



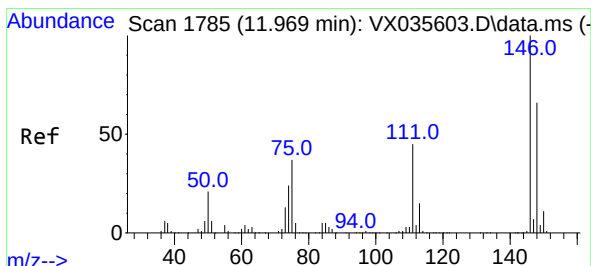
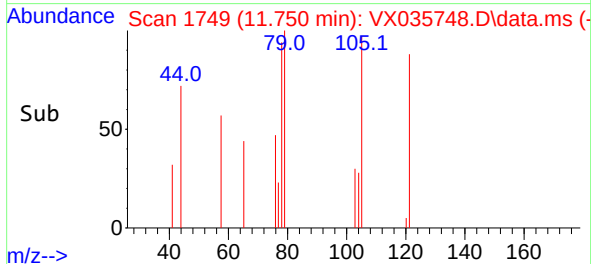
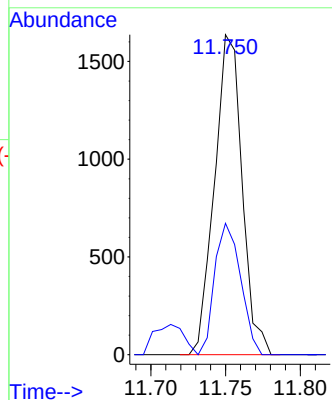


#84
1,2,4-Trimethylbenzene
Concen: 0.217 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :

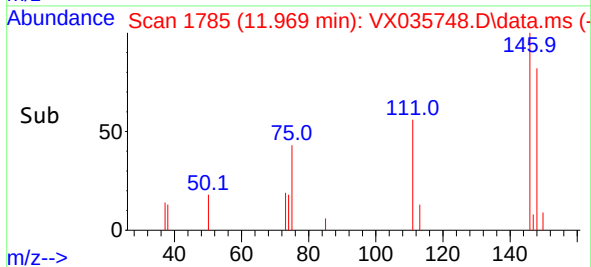
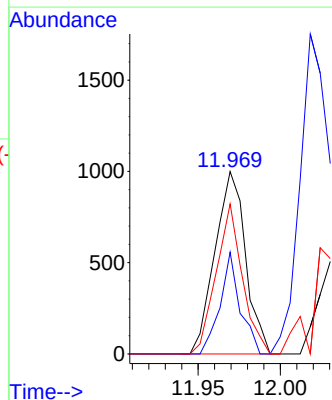
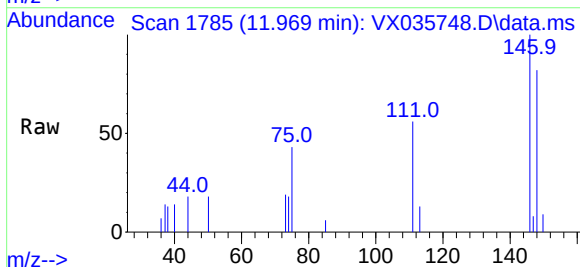


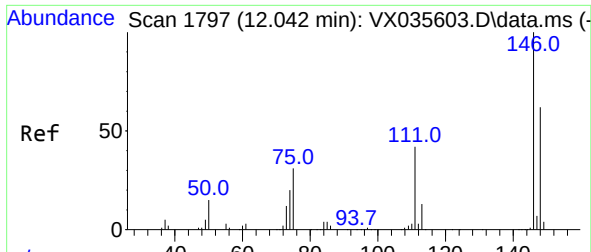
Tgt Ion:105 Resp: 2101
Ion Ratio Lower Upper
105 100
120 38.6 22.4 67.0



#87
1,3-Dichlorobenzene
Concen: 0.264 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

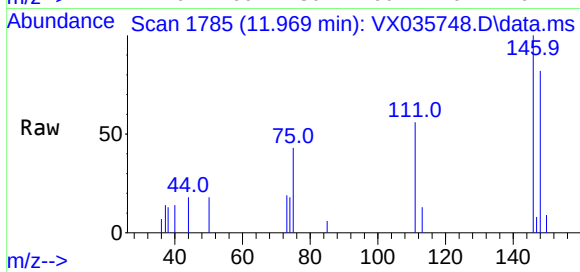
Tgt Ion:146 Resp: 1293
Ion Ratio Lower Upper
146 100
111 36.6 20.9 62.8
148 70.5 31.6 95.0



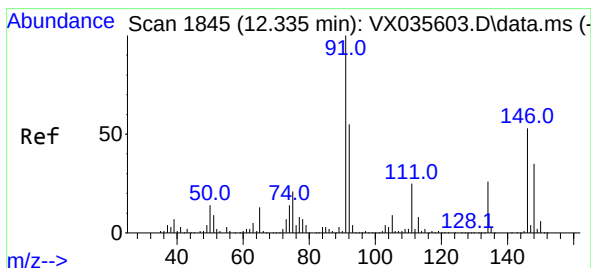
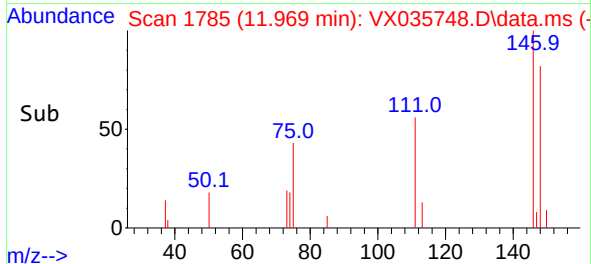
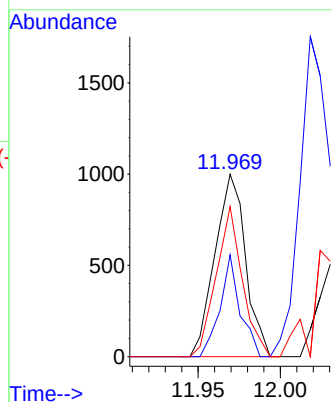


#88
1,4-Dichlorobenzene
Concen: 0.262 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :

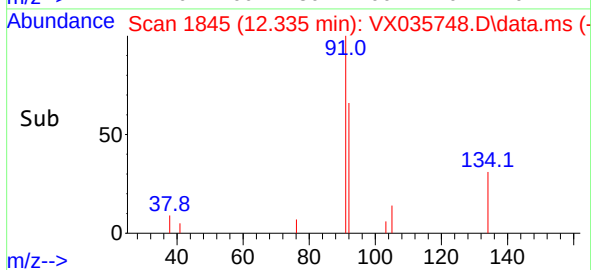
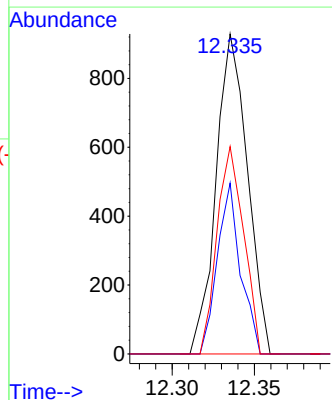
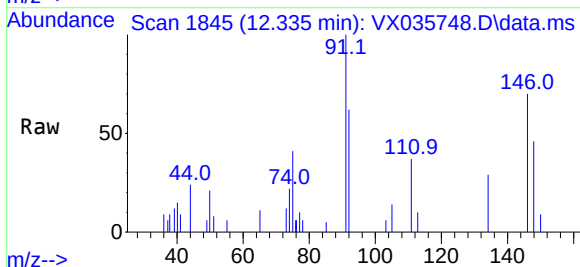


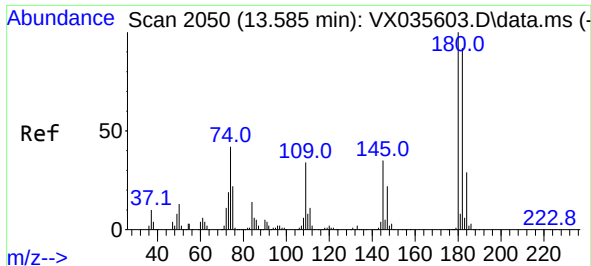
Tgt Ion:146 Resp: 1293
Ion Ratio Lower Upper
146 100
111 36.6 20.6 61.9
148 70.5 31.8 95.4



#91
1,2-Dichlorobenzene
Concen: 0.257 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Tgt Ion:146 Resp: 1234
Ion Ratio Lower Upper
146 100
111 39.3 22.0 66.0
148 54.8 32.0 96.0

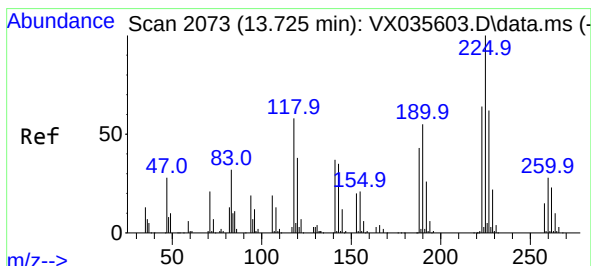
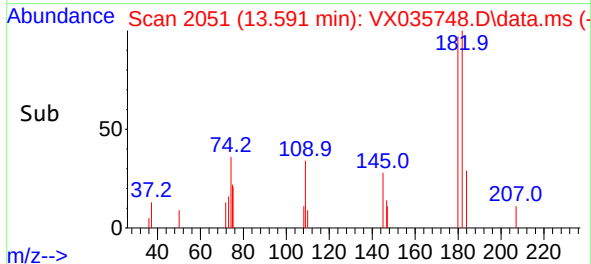
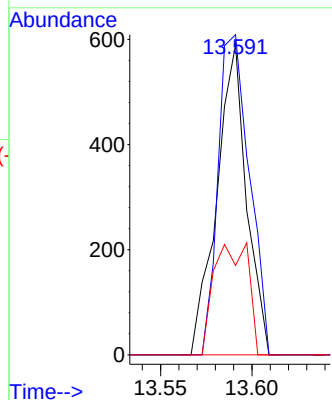
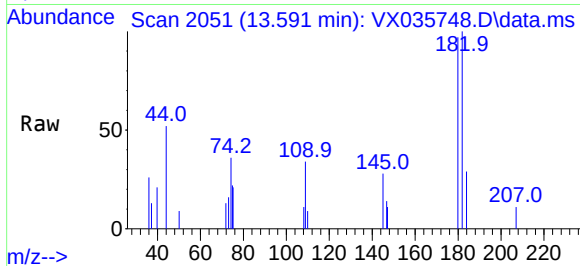




#93
1,2,4-Trichlorobenzene
Concen: 0.232 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

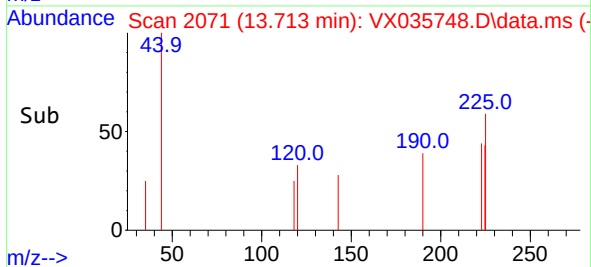
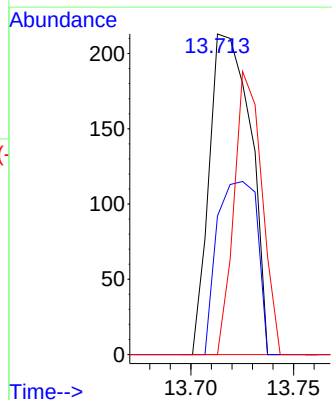
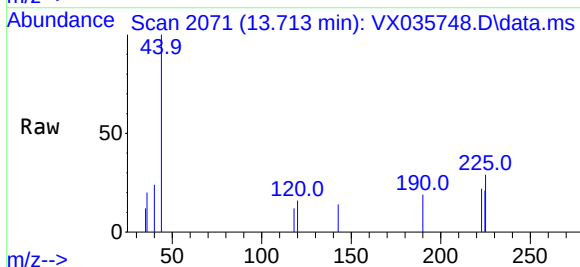
Instrument :
MSVOA_X
ClientSampleId :

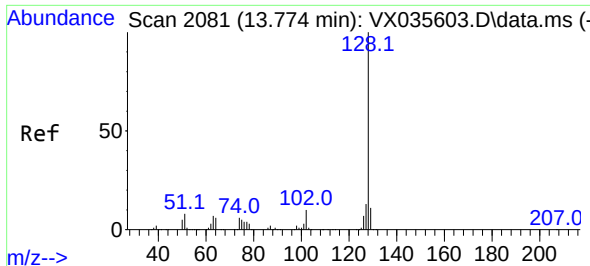
Tgt Ion:180 Resp: 671
Ion Ratio Lower Upper
180 100
182 108.0 47.0 141.0
145 41.0 15.9 47.7



#94
Hexachlorobutadiene
Concen: 0.260 ug/l
RT: 13.713 min Scan# 2071
Delta R.T. -0.012 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

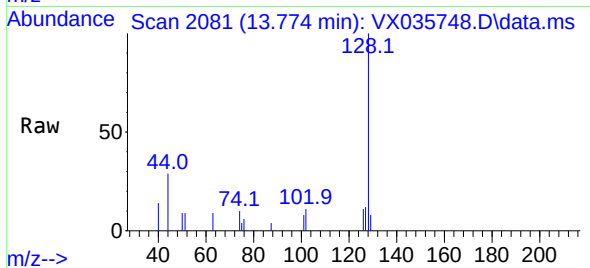
Tgt Ion:225 Resp: 298
Ion Ratio Lower Upper
225 100
223 52.7 32.1 96.5
227 59.1 31.8 95.4



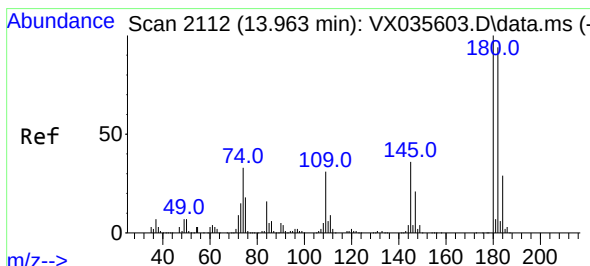
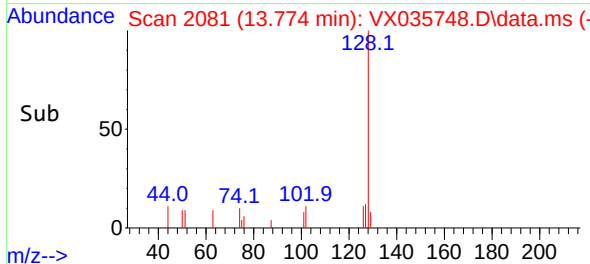
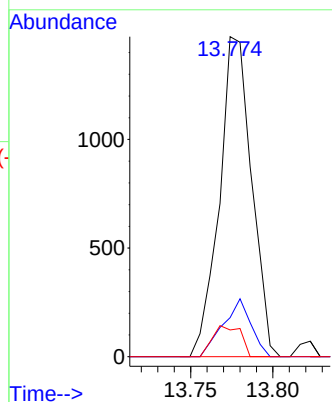


#95
Naphthalene
Concen: 0.203 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 2010
Ion Ratio Lower Upper
128 100
127 15.7 10.2 15.4#
129 8.5 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.294 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX035748.D
Acq: 18 May 2023 17:32

Tgt Ion:180 Resp: 836
Ion Ratio Lower Upper
180 100
182 66.5 48.0 144.2
145 29.1 17.7 53.1

