

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022324\
 Data File : VW034379.D
 Acq On : 23 Feb 2024 16:35
 Operator : SY/MD
 Sample : P1511-05DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 00:49:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 24 00:41:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	143671	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	132646	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	68802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	56351	5.064	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.200%	
7) Chloroethane-d5	1.532	69	45845	4.704	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.000%	
11) 1,1-Dichloroethene-d2	2.060	65	25249	4.705	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.200%	
20) 2-Butanone-d5	3.799	46	96963	51.887	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.780%	
24) Chloroform-d	4.249	84	97451	4.820	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
26) 1,2-Dichloroethane-d4	4.944	65	49325	5.220	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.400%	
32) Benzene-d6	4.960	84	186267	4.680	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
36) 1,2-Dichloropropane-d6	5.989	67	52466	4.716	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.243	98	174976	4.784	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.600%	
43) trans-1,3-Dichloroprop...	7.558	79	13338	3.175	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	63.600%	
46) 2-Hexanone-d5	8.024	63	76955	51.319	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.640%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	34132	5.061	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.200%	
66) 1,2-Dichlorobenzene-d4	11.561	152	59043	4.719	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	23799	1.808	ug/L	98
3) Chloromethane	1.217	50	29388	2.046	ug/L	99
5) Vinyl chloride	1.285	62	34793	2.535	ug/L #	74
6) Bromomethane	1.491	94	13568	1.877	ug/L	95
8) Chloroethane	1.548	64	28703	3.066	ug/L #	79
9) Trichlorofluoromethane	1.712	101	47405	2.397	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	25314	2.449	ug/L	98
12) 1,1-Dichloroethene	2.069	96	24021	2.393	ug/L #	53
13) Acetone	2.134	43	35969	25.371	ug/L #	34
14) Carbon disulfide	2.240	76	76590	2.358	ug/L	100
15) Methyl Acetate	2.388	43	8115	2.419	ug/L	97
16) Methylene chloride	2.449	84	24516	2.546	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	76634	3.716	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	73607	7.200	ug/L	97
19) 1,1-Dichloroethane	3.114	63	47436	2.525	ug/L	98
21) 2-Butanone	3.886	43	42785	22.837	ug/L #	49
22) cis-1,2-Dichloroethene	3.815	96	33048	2.849	ug/L	90
23) Bromochloromethane	4.156	128	10454	2.593	ug/L	91
25) Chloroform	4.278	83	46092	2.427	ug/L	99

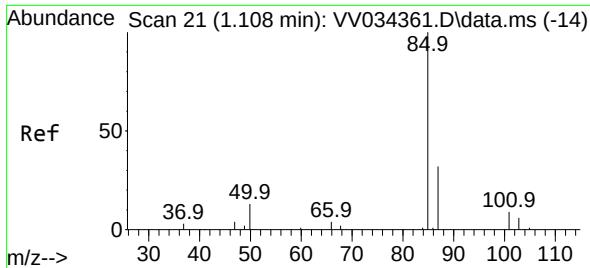
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022324\
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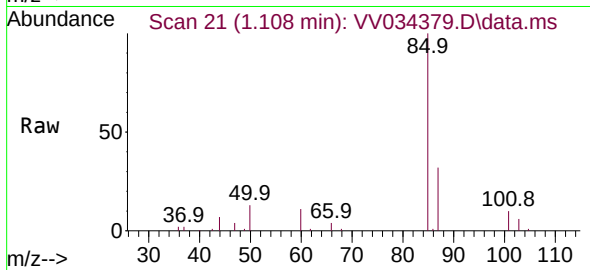
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	27294	2.510	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	42712	2.398	ug/L	99
30) Cyclohexane	4.584	56	35699	2.061	ug/L	94
31) Carbon tetrachloride	4.738	117	36086	2.316	ug/L	99
33) Benzene	5.011	78	96209	2.418	ug/L	100
34) Trichloroethene	5.838	95	24036	2.088	ug/L	97
35) Methylcyclohexane	6.050	83	39332	2.176	ug/L	97
37) 1,2-Dichloropropane	6.095	63	23408	2.429	ug/L #	92
38) Bromodichloromethane	6.436	83	28761	2.274	ug/L	95
39) cis-1,3-Dichloropropene	6.960	75	23351	1.592	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	121651	26.361	ug/L	99
42) Toluene	7.317	91	102276	2.405	ug/L	96
44) trans-1,3-Dichloropropene	7.587	75	17461	1.551	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	14928	2.509	ug/L	96
47) Tetrachloroethene	7.905	164	19782	2.114	ug/L	97
48) 2-Hexanone	8.079	43	85249	26.206	ug/L	99
49) Dibromochloromethane	8.178	129	14611	2.066	ug/L	96
50) 1,2-Dibromoethane	8.284	107	13741	2.573	ug/L	97
51) Chlorobenzene	8.815	112	65161	2.424	ug/L	97
52) Ethylbenzene	8.947	91	117614	2.403	ug/L	99
53) m,p-Xylene	9.072	106	42479	2.297	ug/L	98
54) o-Xylene	9.477	106	42198	2.366	ug/L	98
55) Styrene	9.497	104	59730	2.092	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	17084	2.720	ug/L	96
59) Bromoform	9.667	173	5103	1.346	ug/L	96
60) Isopropylbenzene	9.866	105	111267	2.186	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	12274	2.595	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	95623	2.222	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	95880	2.293	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	51447	2.318	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	48738	2.217	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	47052	2.468	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	2462	2.484	ug/L	91
69) 1,3,5-Trichlorobenzene	12.583	180	37786	2.200	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	30655	2.286	ug/L	99
71) Naphthalene	13.442	128	41245	2.347	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	25791	2.400	ug/L	98

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

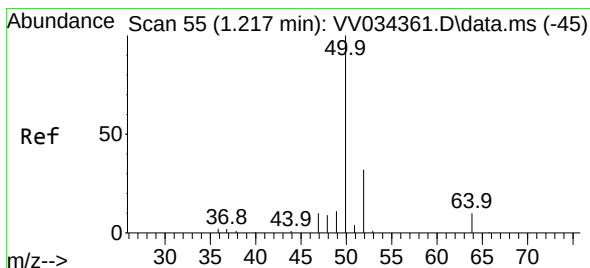
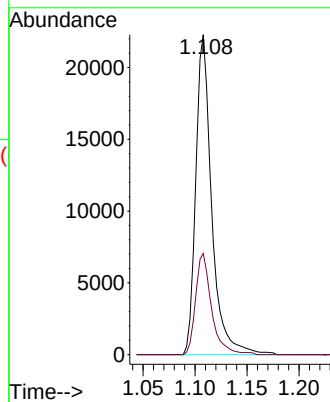
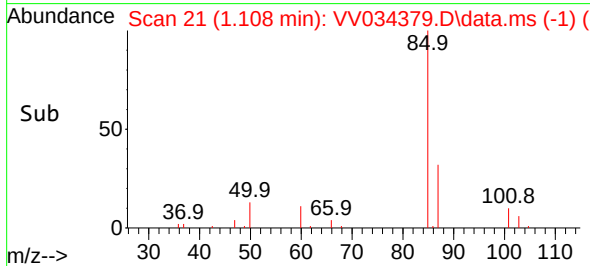


#2
 Dichlorodifluoromethane
 Concen: 1.808 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034379.D
 Acq: 23 Feb 2024 16:35

Instrument :
 MSVOA_V
 ClientSampleId :

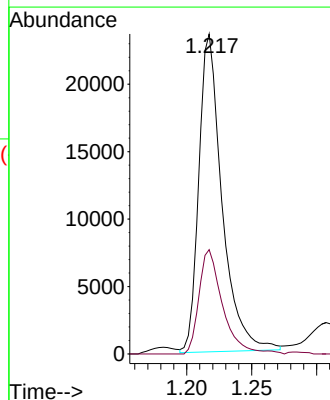
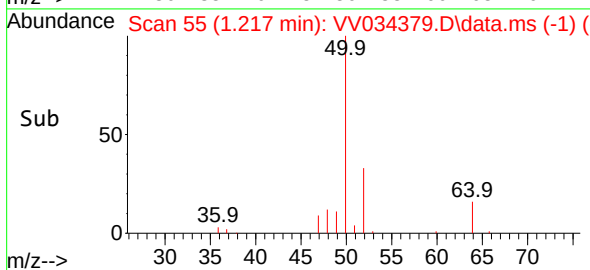
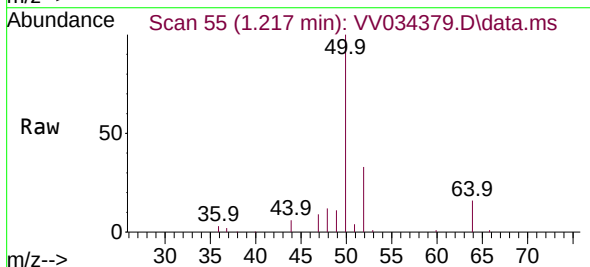


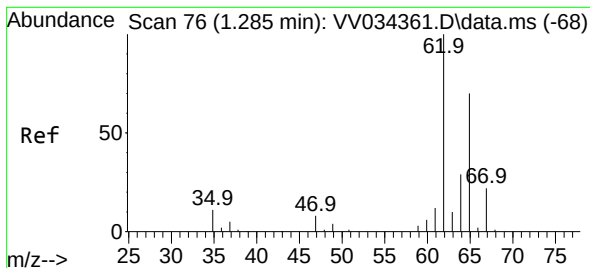
Tgt Ion: 85 Resp: 23799
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.2 39.4



#3
 Chloromethane
 Concen: 2.046 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV034379.D
 Acq: 23 Feb 2024 16:35

Tgt Ion: 50 Resp: 29388
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.4 43.4





#5

Vinyl chloride

Concen: 2.535 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV034379.D

Acq: 23 Feb 2024 16:35

Instrument :

MSVOA_V

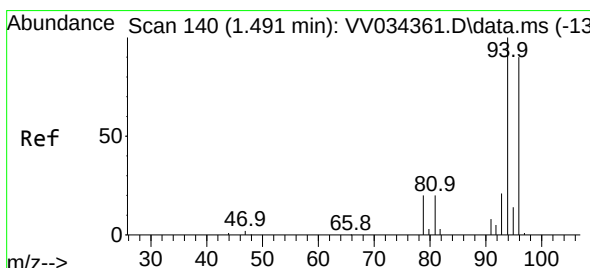
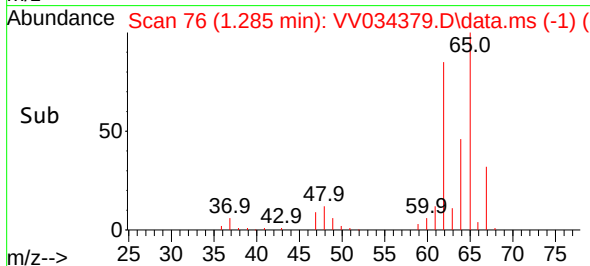
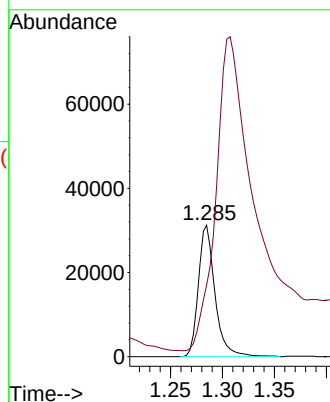
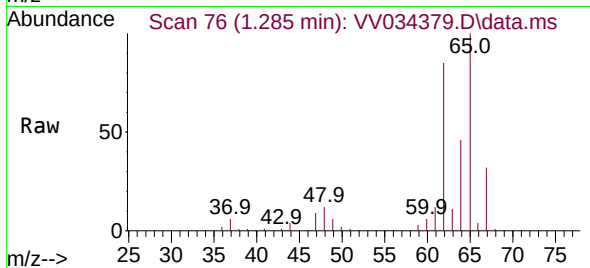
ClientSampleId :

Tgt Ion: 62 Resp: 34793

Ion Ratio Lower Upper

62 100

64 54.6 27.2 50.4#



#6

Bromomethane

Concen: 1.877 ug/L

RT: 1.491 min Scan# 140

Delta R.T. -0.000 min

Lab File: VV034379.D

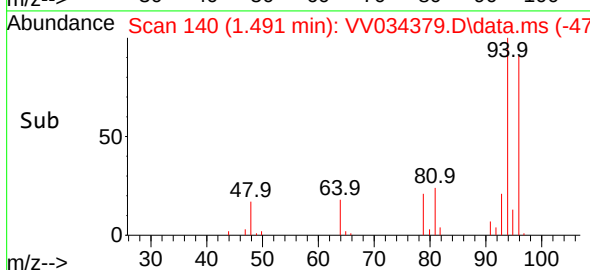
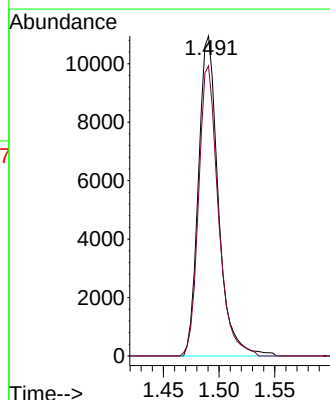
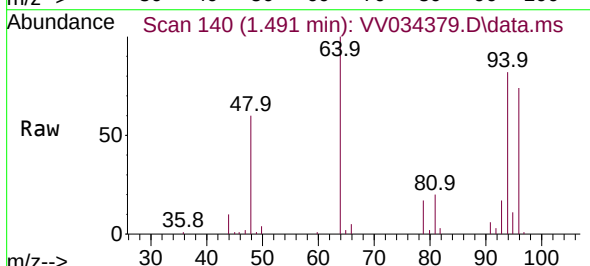
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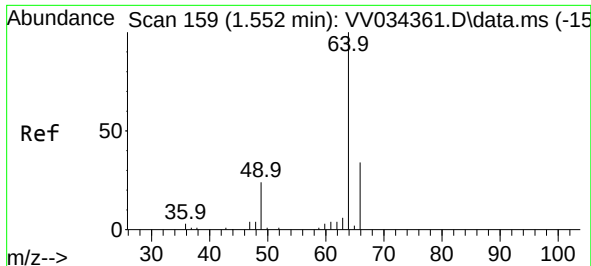
Tgt Ion: 94 Resp: 13568

Ion Ratio Lower Upper

94 100

96 90.7 66.6 123.8





#8

Chloroethane

Concen: 3.066 ug/L

RT: 1.548 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV034379.D

Acq: 23 Feb 2024 16:35

Instrument :

MSVOA_V

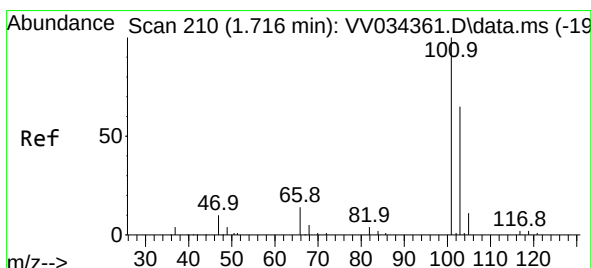
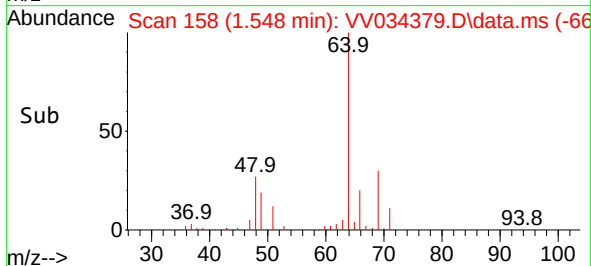
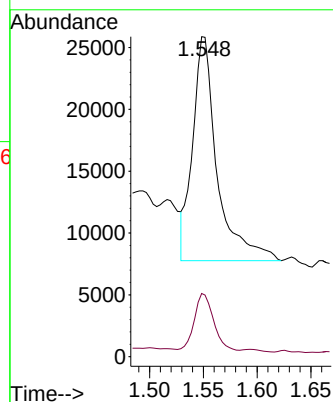
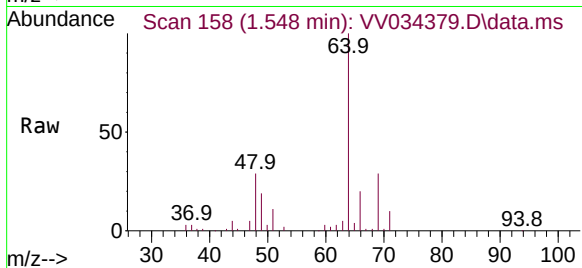
ClientSampleId :

Tgt Ion: 64 Resp: 28703

Ion Ratio Lower Upper

64 100

66 19.8 22.0 41.0#



#9

Trichlorofluoromethane

Concen: 2.397 ug/L

RT: 1.712 min Scan# 209

Delta R.T. -0.003 min

Lab File: VV034379.D

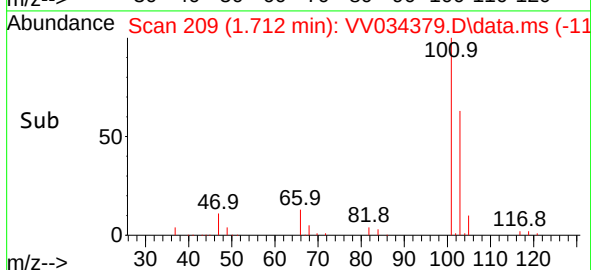
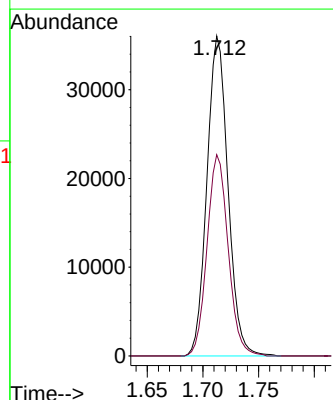
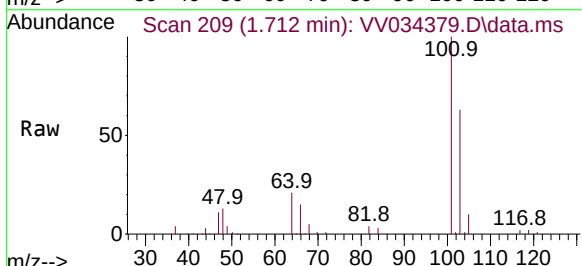
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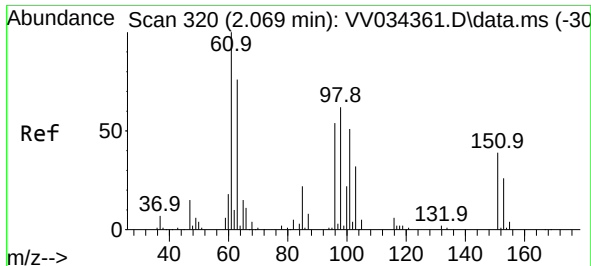
Tgt Ion:101 Resp: 47405

Ion Ratio Lower Upper

101 100

103 63.1 51.0 76.4

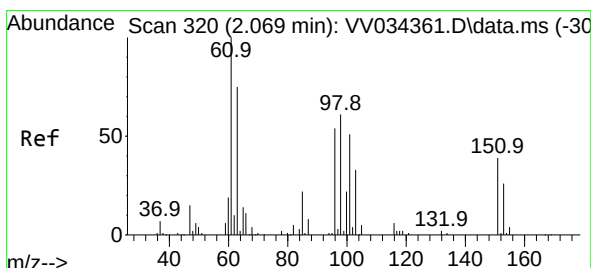
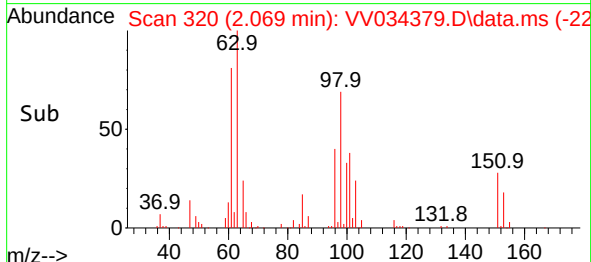
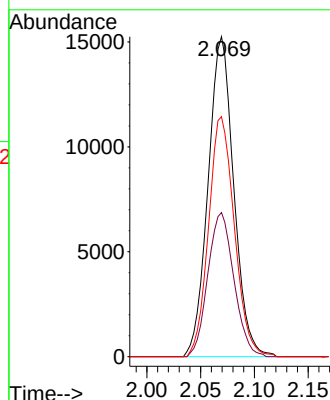
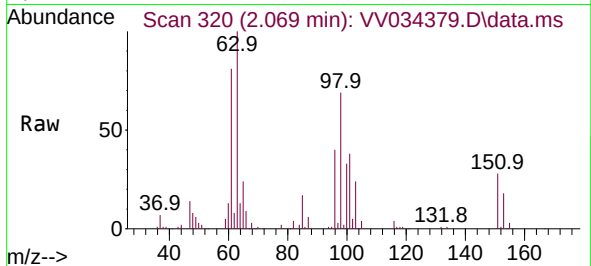




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.449 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034379.D
 Acq: 23 Feb 2024 16:35

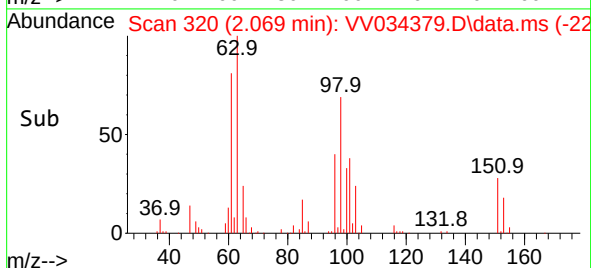
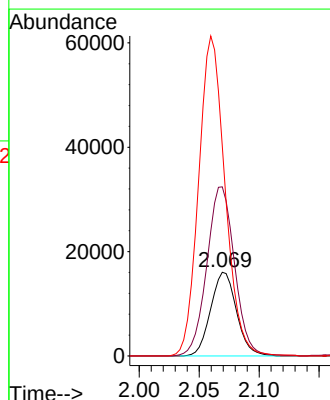
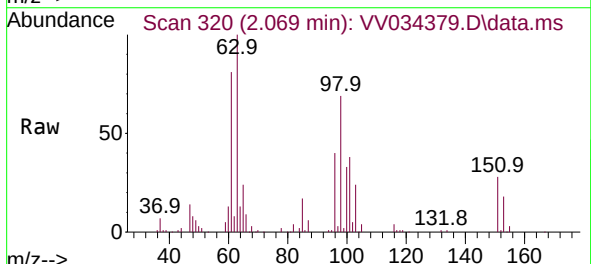
Instrument :
 MSVOA_V
 ClientSampleId :

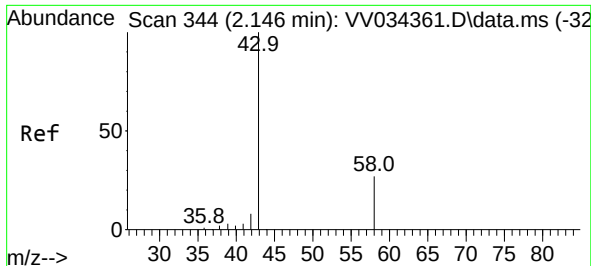
Tgt Ion:101 Resp: 25314
 Ion Ratio Lower Upper
 101 100
 85 45.6 37.1 55.7
 151 75.3 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 2.393 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034379.D
 Acq: 23 Feb 2024 16:35

Tgt Ion: 96 Resp: 24021
 Ion Ratio Lower Upper
 96 100
 61 202.1 128.8 239.2
 63 251.1 97.9 181.9#





#13

Acetone

Concen: 25.371 ug/L

RT: 2.134 min Scan# 34

Delta R.T. -0.013 min

Lab File: VV034379.D

Acq: 23 Feb 2024 16:35

Instrument :

MSVOA_V

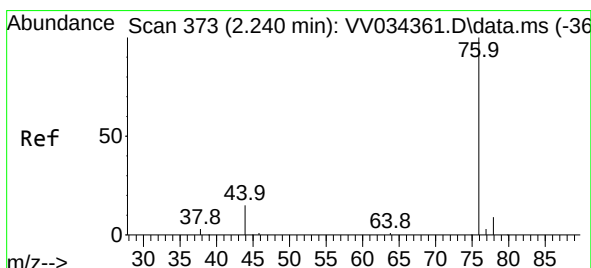
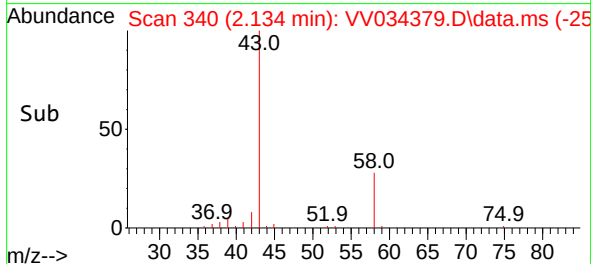
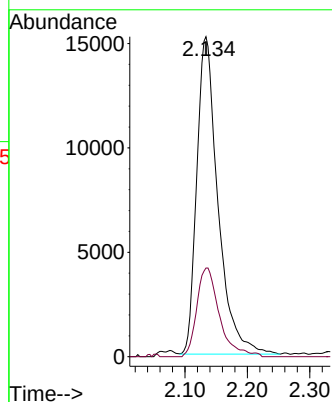
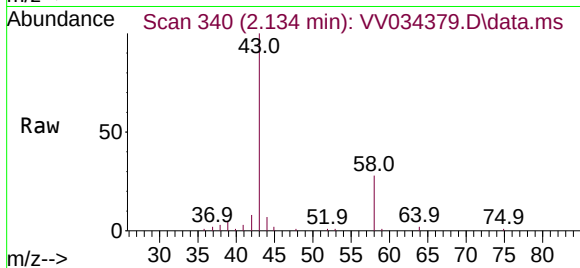
ClientSampleId :

Tgt Ion: 43 Resp: 35969

Ion Ratio Lower Upper

43 100

58 29.5 0.0 13.8#



#14

Carbon disulfide

Concen: 2.358 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034379.D

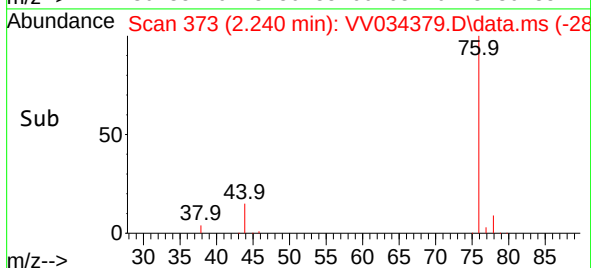
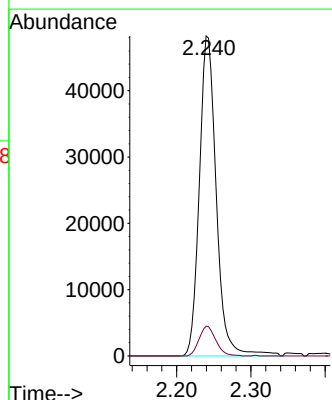
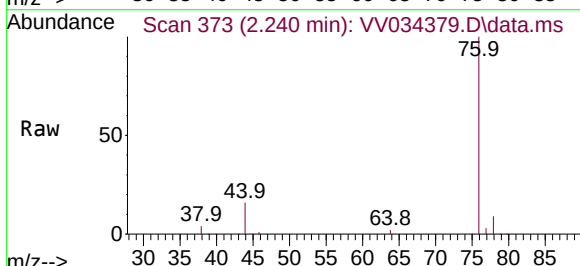
Acq: 23 Feb 2024 16:35

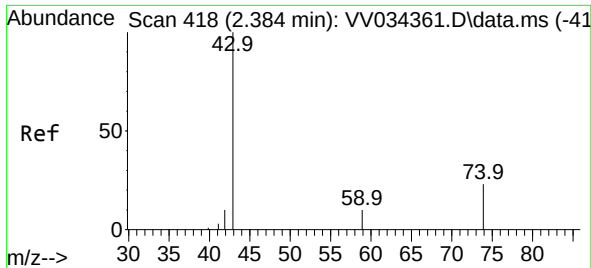
Tgt Ion: 76 Resp: 76590

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

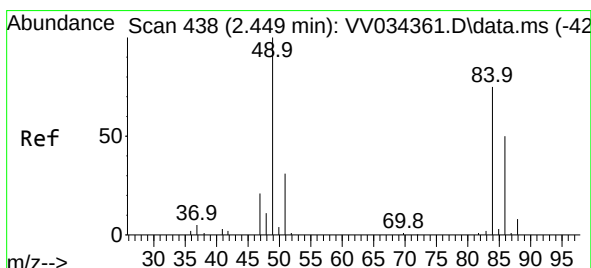
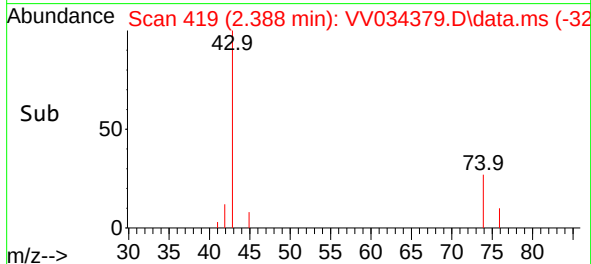
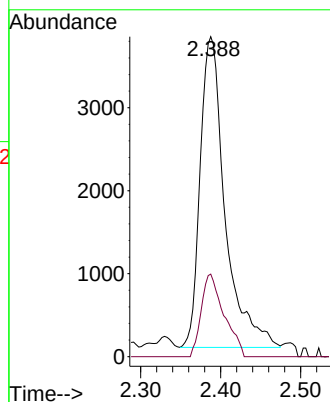
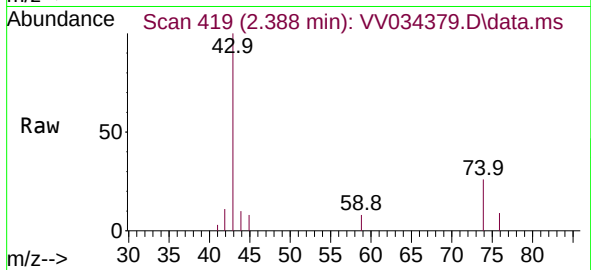




#15
Methyl Acetate
Concen: 2.419 ug/L
RT: 2.388 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV034379.D
Acq: 23 Feb 2024 16:35

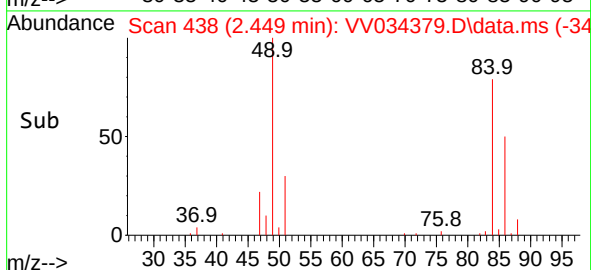
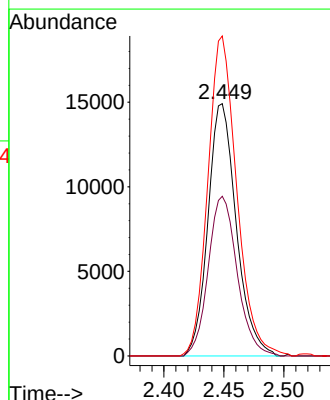
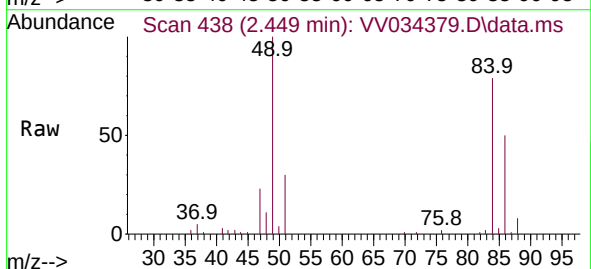
Instrument :
MSVOA_V
ClientSampleId :

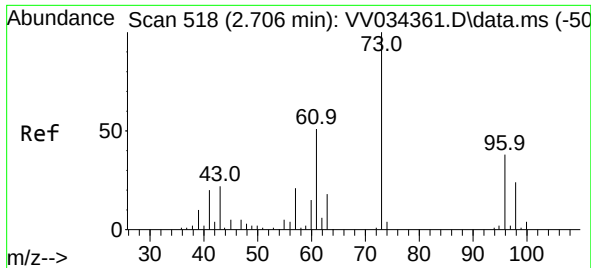
Tgt Ion: 43 Resp: 8115
Ion Ratio Lower Upper
43 100
74 24.2 18.2 27.4



#16
Methylene chloride
Concen: 2.546 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV034379.D
Acq: 23 Feb 2024 16:35

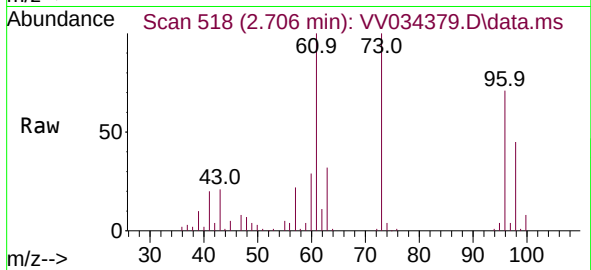
Tgt Ion: 84 Resp: 24516
Ion Ratio Lower Upper
84 100
86 63.3 44.7 83.1
49 126.8 93.7 173.9



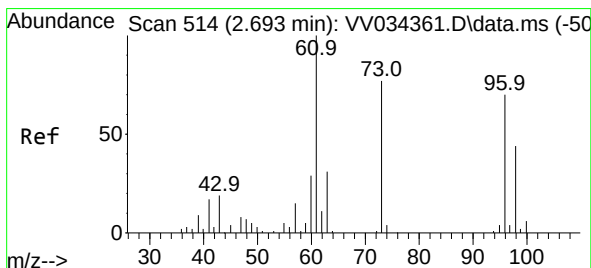
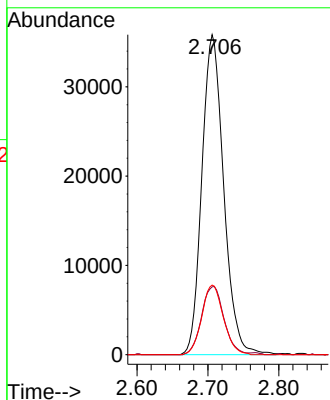
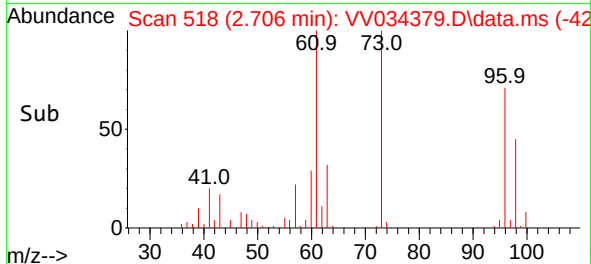


#17
Methyl tert-butyl Ether
Concen: 3.716 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034379.D
Acq: 23 Feb 2024 16:35

Instrument :
MSVOA_V
ClientSampleId :

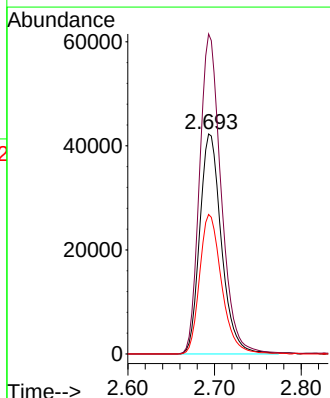
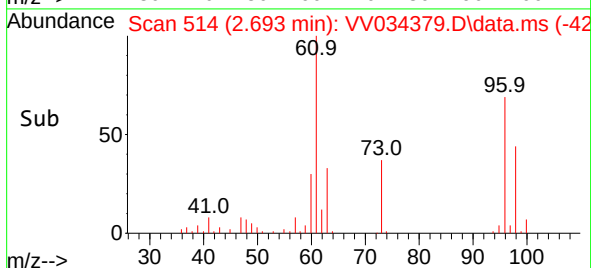
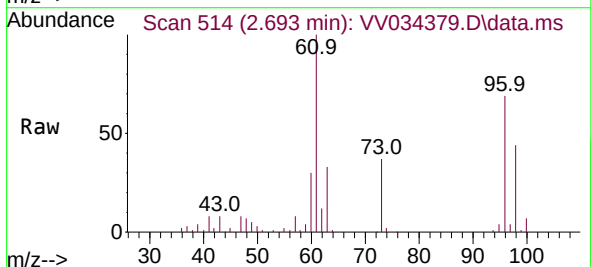


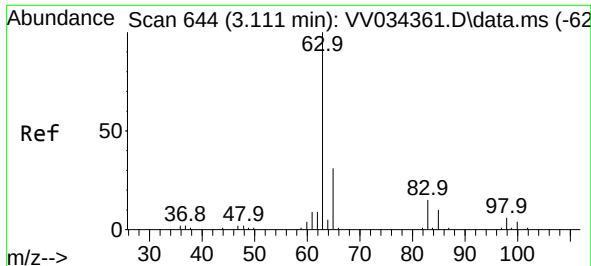
Tgt Ion: 73	Resp: 76634
Ion Ratio	Lower Upper
73	100
43	22.0 17.7 26.5
57	21.6 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 7.200 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV034379.D
Acq: 23 Feb 2024 16:35

Tgt Ion: 96	Resp: 73607
Ion Ratio	Lower Upper
96	100
61	145.4 97.6 181.4
98	63.4 44.4 82.5





#19

1,1-Dichloroethane

Concen: 2.525 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034379.D

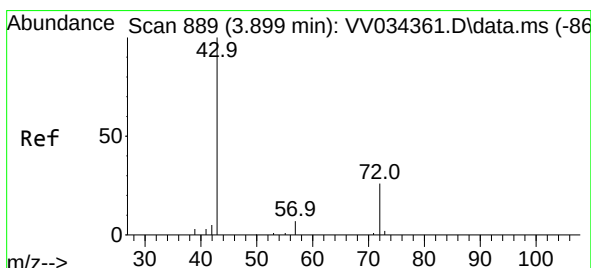
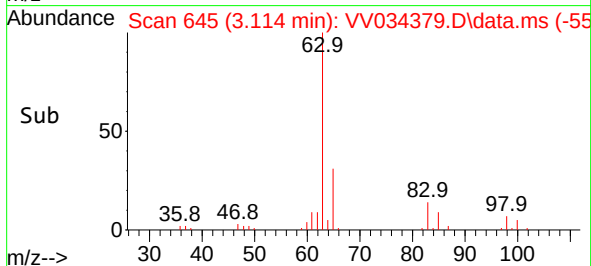
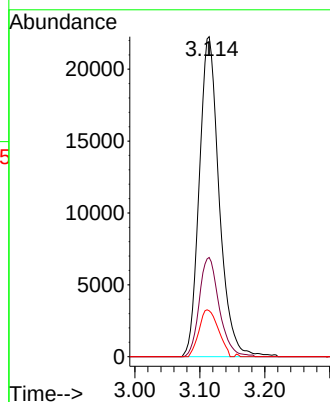
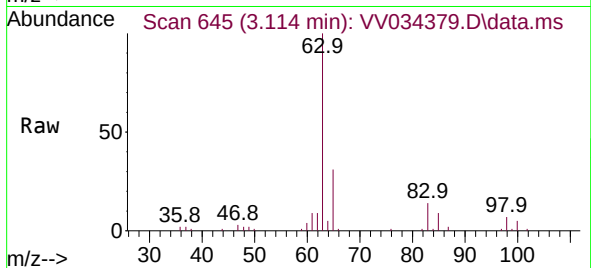
Acq: 23 Feb 2024 16:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	47436
Ion	Ratio	Lower	Upper
63	100		
65	31.0	20.8	38.6
83	14.3	9.4	17.4



#21

2-Butanone

Concen: 22.837 ug/L

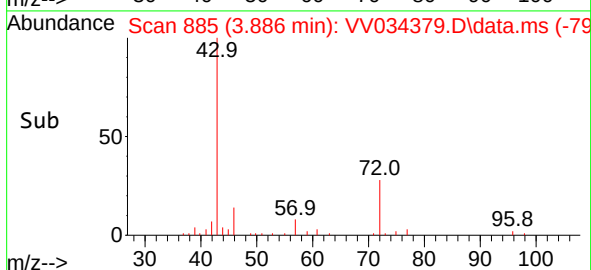
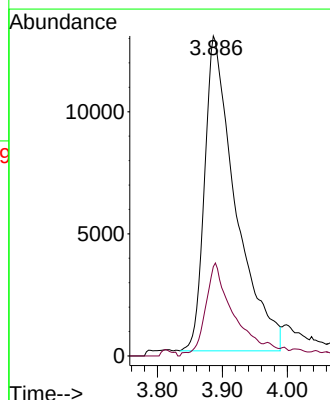
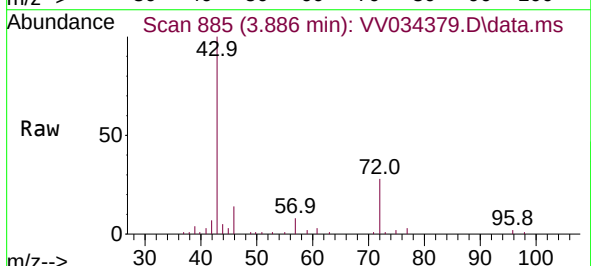
RT: 3.886 min Scan# 885

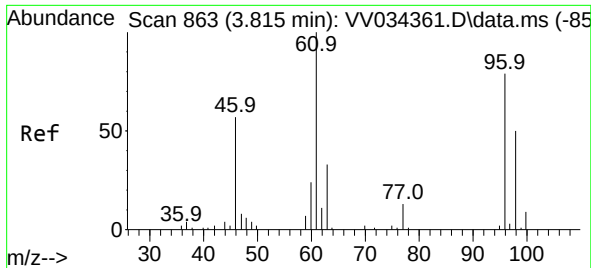
Delta R.T. -0.013 min

Lab File: VV034379.D

Acq: 23 Feb 2024 16:35

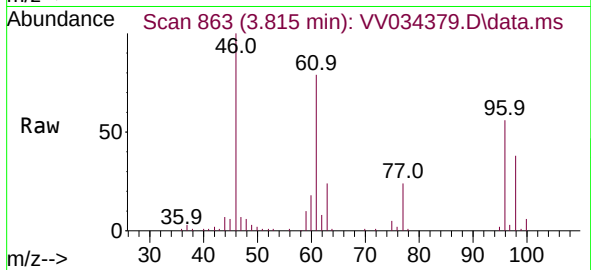
Tgt Ion:	43	Resp:	42785
Ion	Ratio	Lower	Upper
43	100		
72	26.0	4.0	11.9#



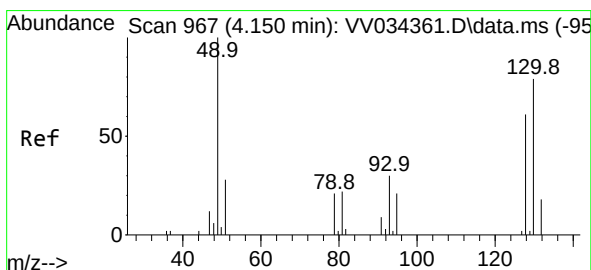
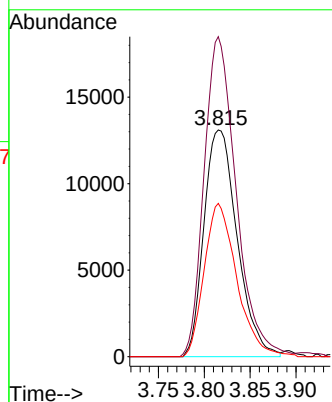
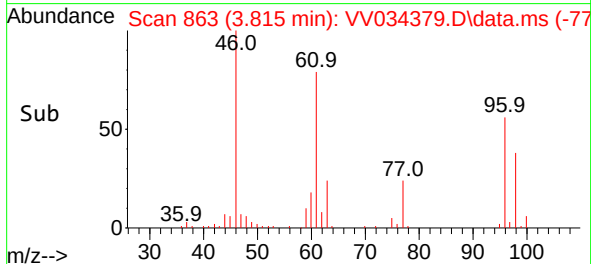


#22
 cis-1,2-Dichloroethene
 Concen: 2.849 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VV034379.D
 Acq: 23 Feb 2024 16:35

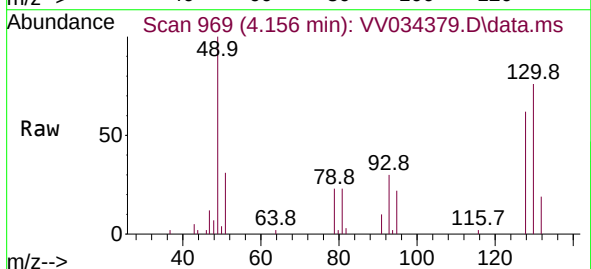
Instrument :
 MSVOA_V
 ClientSampleId :



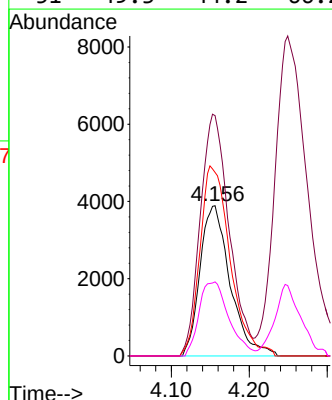
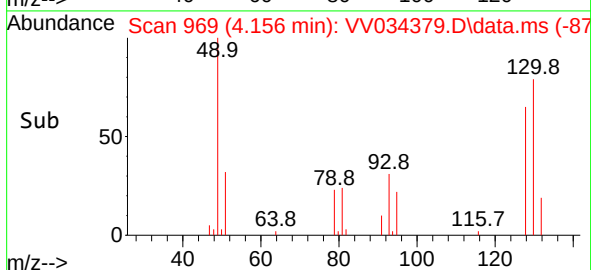
Tgt Ion: 96 Resp: 33048
 Ion Ratio Lower Upper
 96 100
 61 141.2 90.3 167.7
 98 67.6 43.2 80.2

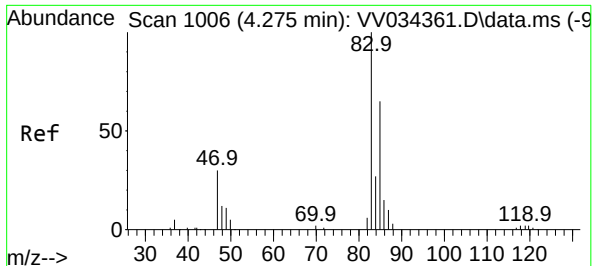


#23
 Bromochloromethane
 Concen: 2.593 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. 0.006 min
 Lab File: VV034379.D
 Acq: 23 Feb 2024 16:35



Tgt Ion: 128 Resp: 10454
 Ion Ratio Lower Upper
 128 100
 49 160.0 120.5 223.7
 130 122.1 93.4 173.4
 51 49.3 44.2 66.2





#25

Chloroform

Concen: 2.427 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV034379.D

Acq: 23 Feb 2024 16:35

Instrument :

MSVOA_V

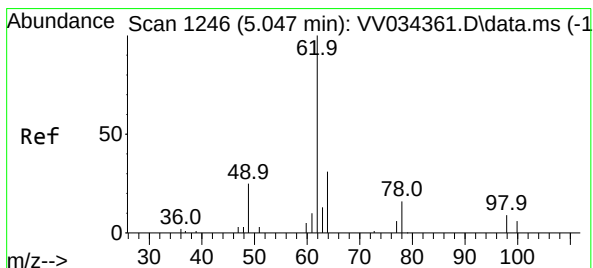
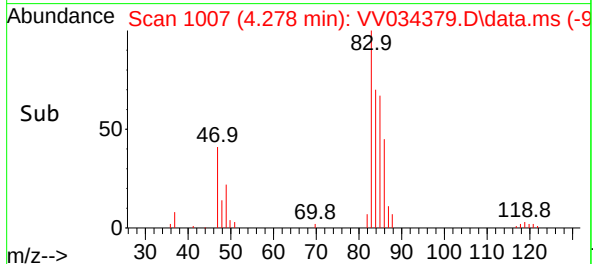
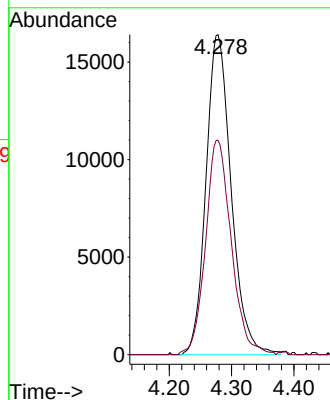
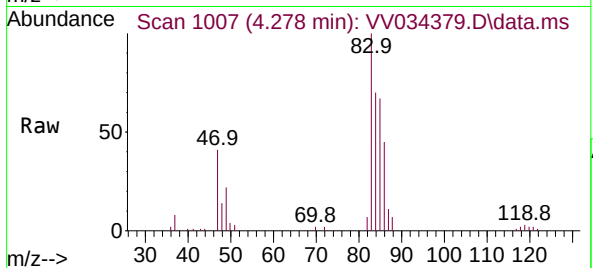
ClientSampleId :

Tgt Ion: 83 Resp: 46092

Ion Ratio Lower Upper

83 100

85 67.0 47.5 88.1



#27

1,2-Dichloroethane

Concen: 2.510 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VV034379.D

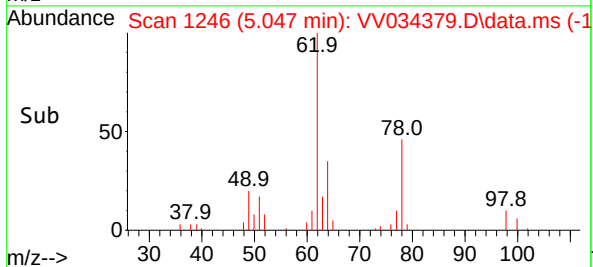
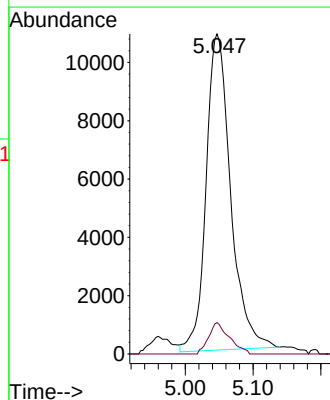
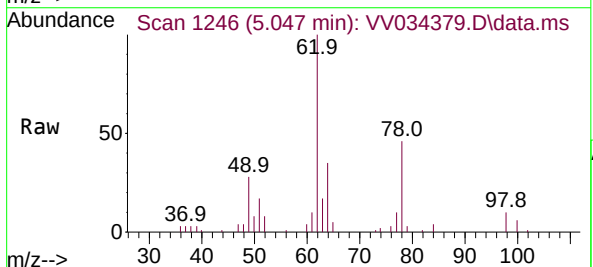
Acq: 23 Feb 2024 16:35

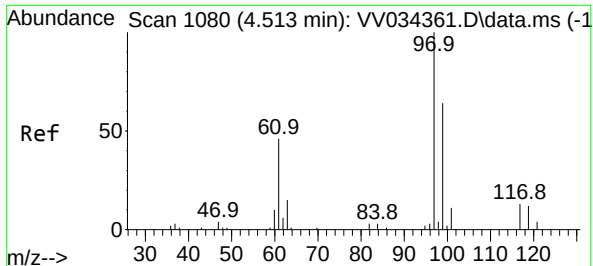
Tgt Ion: 62 Resp: 27294

Ion Ratio Lower Upper

62 100

98 9.8 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 2.398 ug/L

RT: 4.513 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV034379.D

Acq: 23 Feb 2024 16:35

Instrument :

MSVOA_V

ClientSampleId :

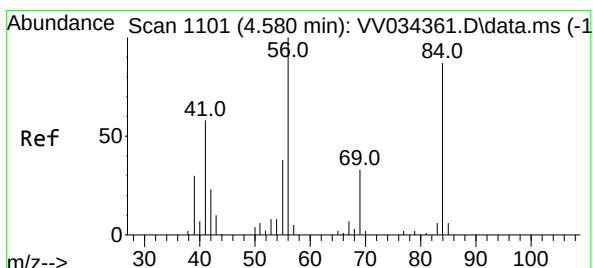
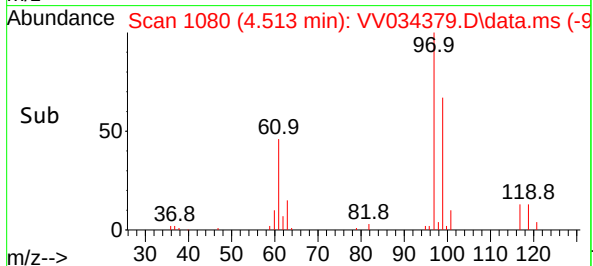
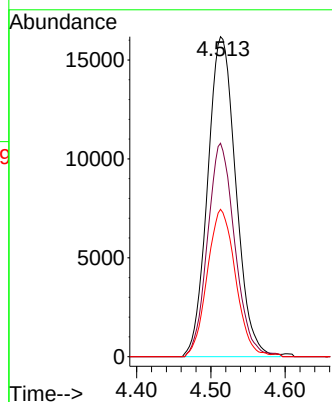
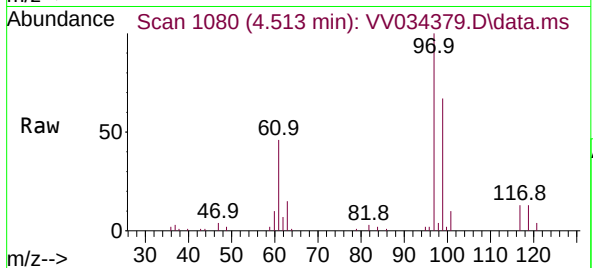
Tgt Ion: 97 Resp: 42712

Ion Ratio Lower Upper

97 100

99 64.6 50.6 75.8

61 46.1 36.8 55.2



#30

Cyclohexane

Concen: 2.061 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV034379.D

Acq: 23 Feb 2024 16:35

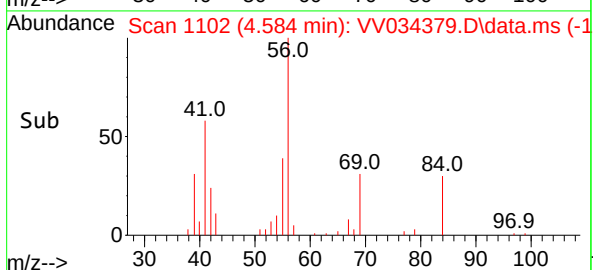
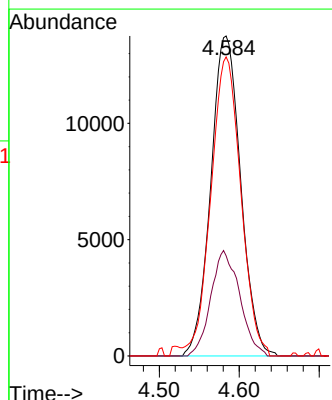
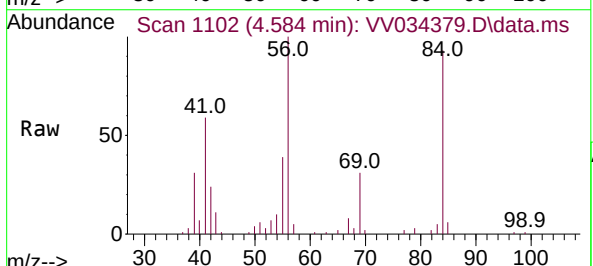
Tgt Ion: 56 Resp: 35699

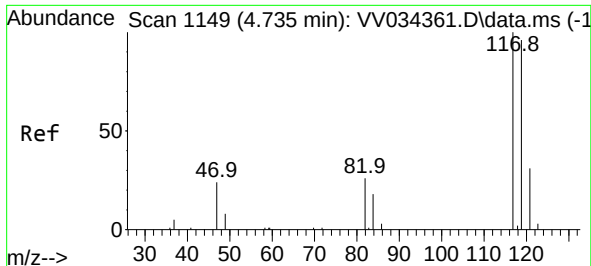
Ion Ratio Lower Upper

56 100

69 31.9 24.2 36.2

84 93.4 70.0 105.0

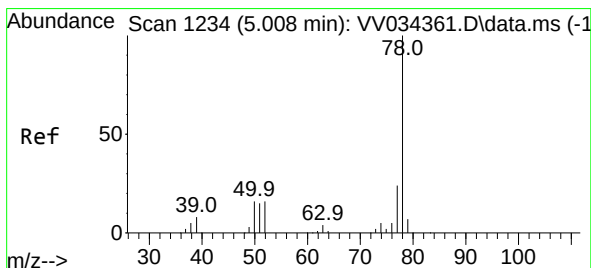
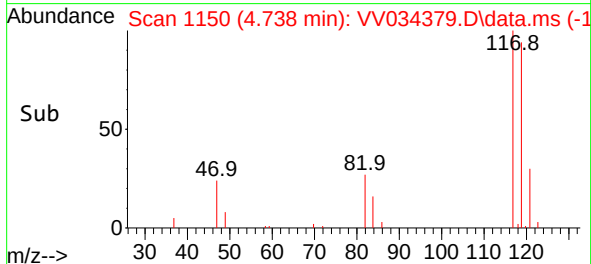
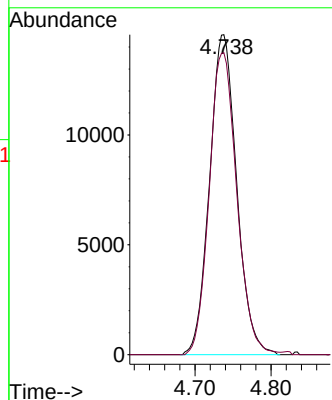
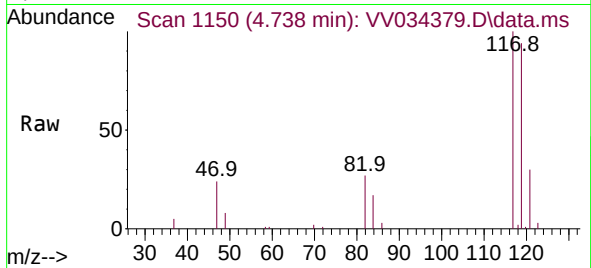




#31
Carbon tetrachloride
Concen: 2.316 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV034379.D
Acq: 23 Feb 2024 16:35

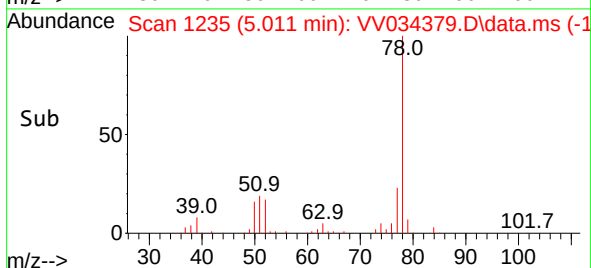
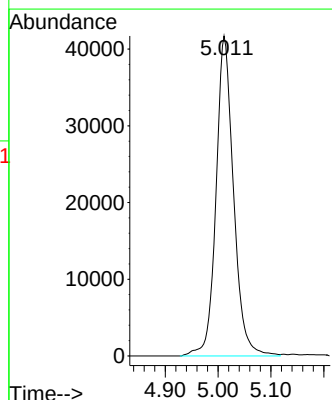
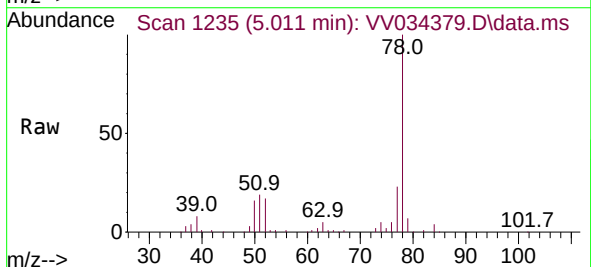
Instrument :
MSVOA_V
ClientSampleId :

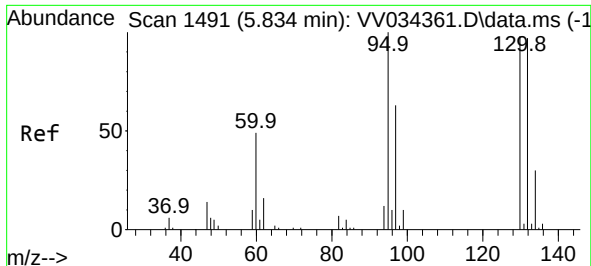
Tgt Ion:117 Resp: 36086
Ion Ratio Lower Upper
117 100
119 96.0 76.1 114.1



#33
Benzene
Concen: 2.418 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV034379.D
Acq: 23 Feb 2024 16:35

Tgt Ion: 78 Resp: 96209

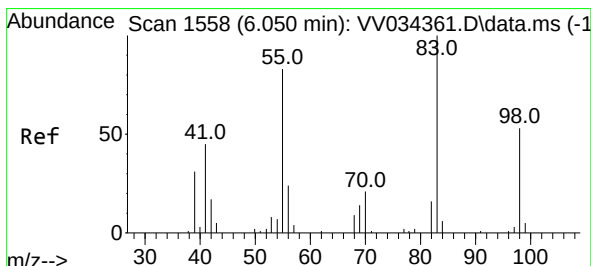
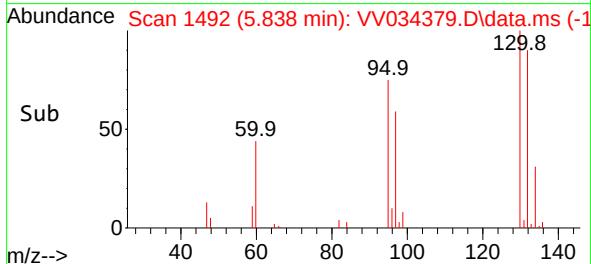
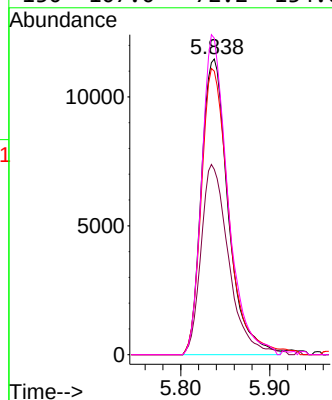
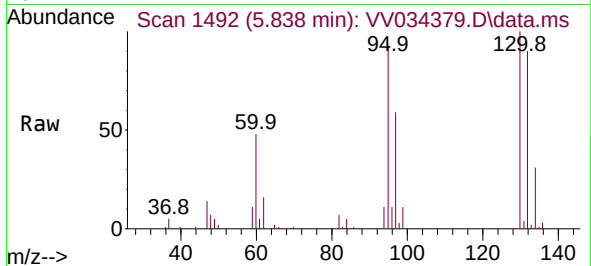




#34
Trichloroethene
Concen: 2.088 ug/L
RT: 5.838 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV034379.D
Acq: 23 Feb 2024 16:35

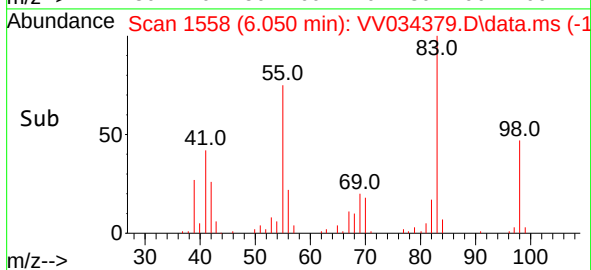
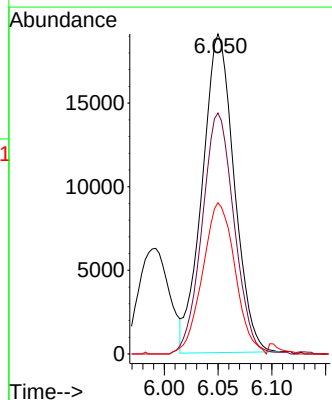
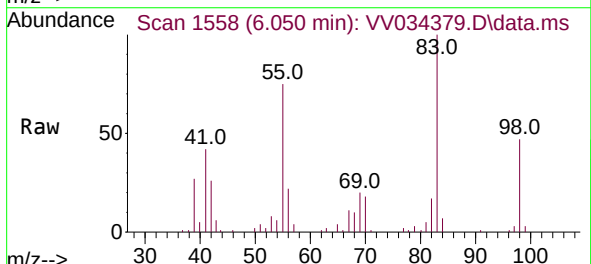
Instrument :
MSVOA_V
ClientSampleId :

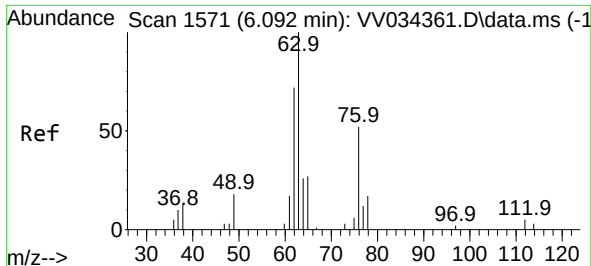
Tgt Ion: 95 Resp: 24036
Ion Ratio Lower Upper
95 100
97 62.7 45.1 83.7
132 95.9 66.0 122.6
130 107.0 72.2 134.0



#35
Methylcyclohexane
Concen: 2.176 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV034379.D
Acq: 23 Feb 2024 16:35

Tgt Ion: 83 Resp: 39332
Ion Ratio Lower Upper
83 100
55 76.0 63.5 95.3
98 48.3 39.0 58.4





#37

1,2-Dichloropropane

Concen: 2.429 ug/L

RT: 6.095 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV034379.D

Acq: 23 Feb 2024 16:35

Instrument :

MSVOA_V

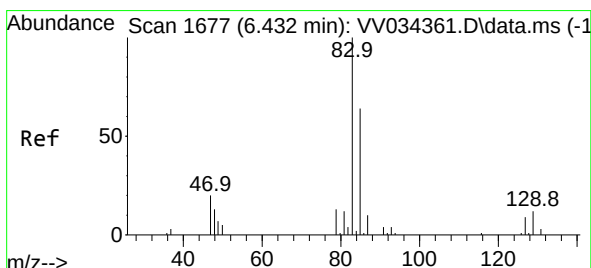
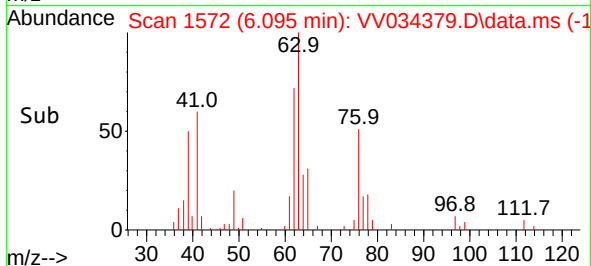
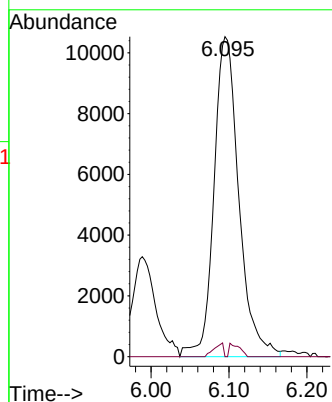
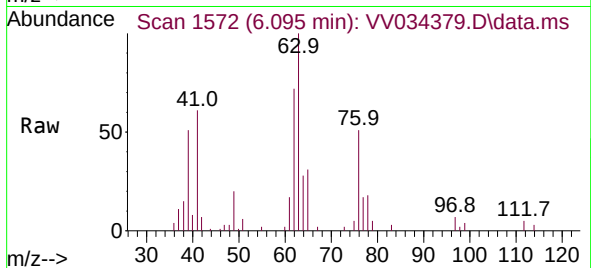
ClientSampleId :

Tgt Ion: 63 Resp: 23408

Ion Ratio Lower Upper

63 100

112 1.6 3.4 5.0#



#38

Bromodichloromethane

Concen: 2.274 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV034379.D

Acq: 23 Feb 2024 16:35

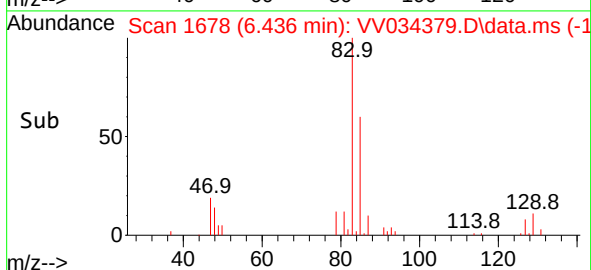
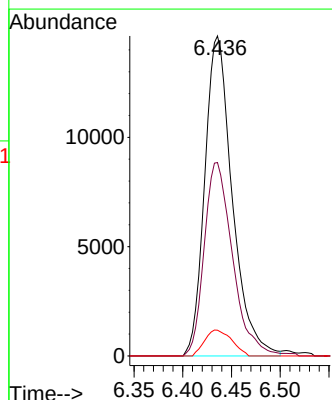
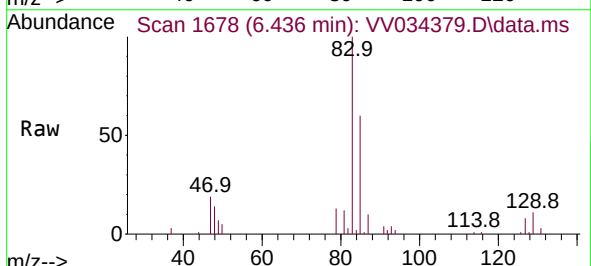
Tgt Ion: 83 Resp: 28761

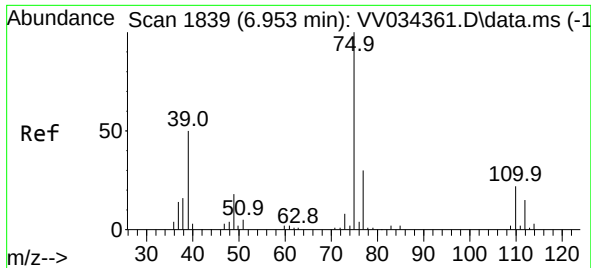
Ion Ratio Lower Upper

83 100

85 60.4 45.4 84.2

127 8.0 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 1.592 ug/L

RT: 6.960 min Scan# 1839

Delta R.T. 0.006 min

Lab File: VV034379.D

Acq: 23 Feb 2024 16:35

Instrument :

MSVOA_V

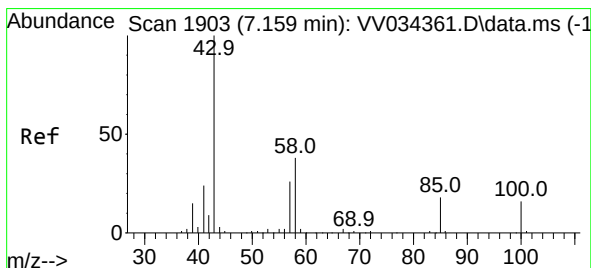
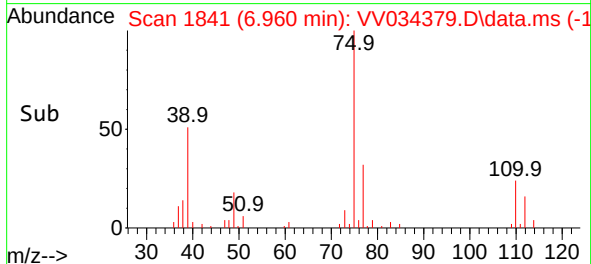
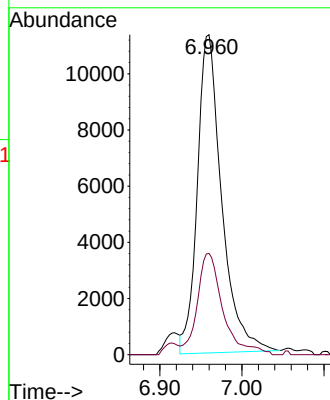
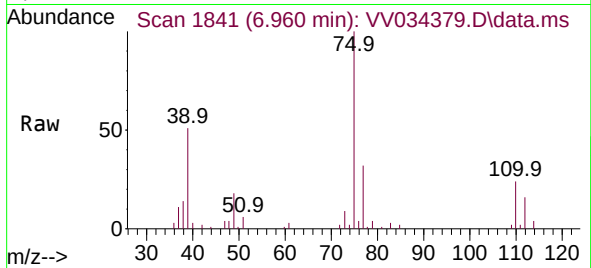
ClientSampleId :

Tgt Ion: 75 Resp: 23351

Ion Ratio Lower Upper

75 100

77 31.6 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 26.361 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV034379.D

Acq: 23 Feb 2024 16:35

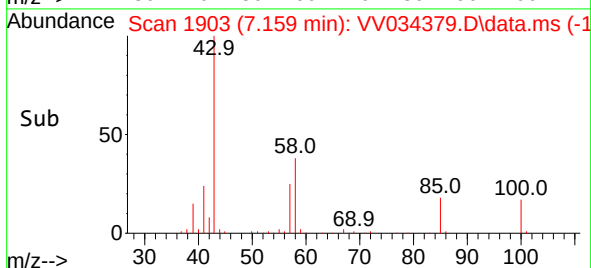
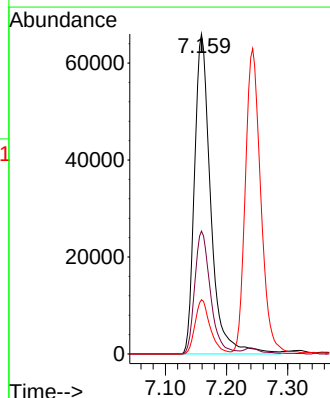
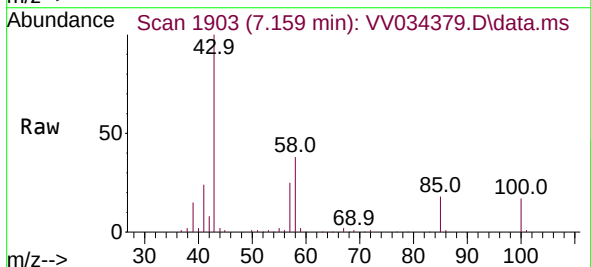
Tgt Ion: 43 Resp: 121651

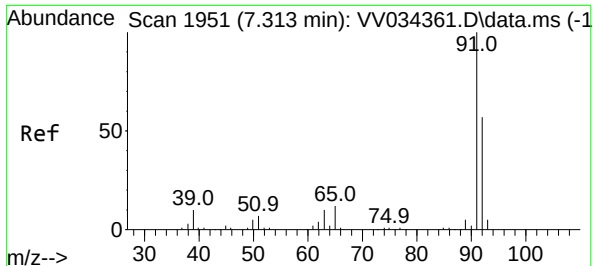
Ion Ratio Lower Upper

43 100

58 37.4 30.2 45.2

100 15.9 12.1 18.1





#42

Toluene

Concen: 2.405 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034379.D

Acq: 23 Feb 2024 16:35

Instrument :

MSVOA_V

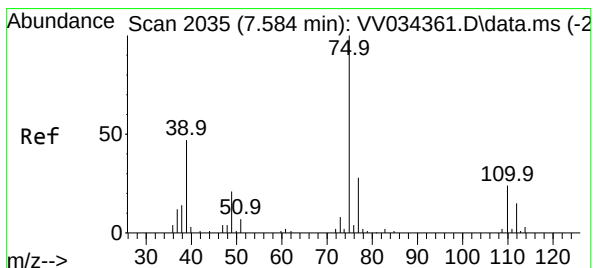
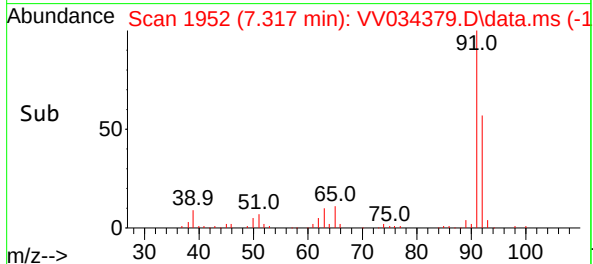
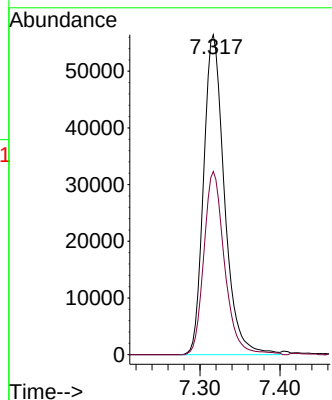
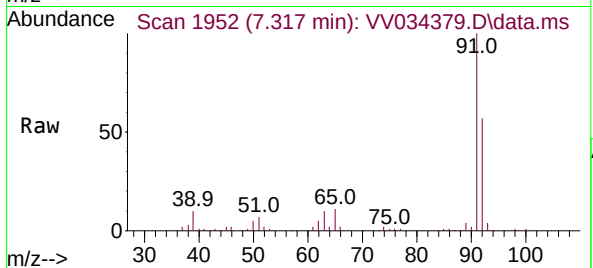
ClientSampleId :

Tgt Ion: 91 Resp: 102276

Ion Ratio Lower Upper

91 100

92 57.3 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 1.551 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.003 min

Lab File: VV034379.D

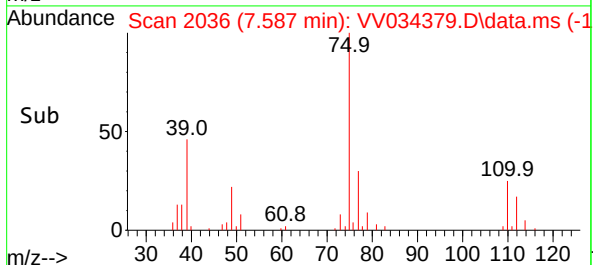
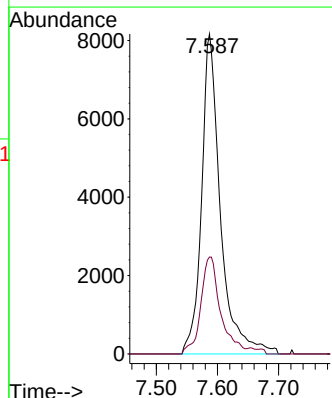
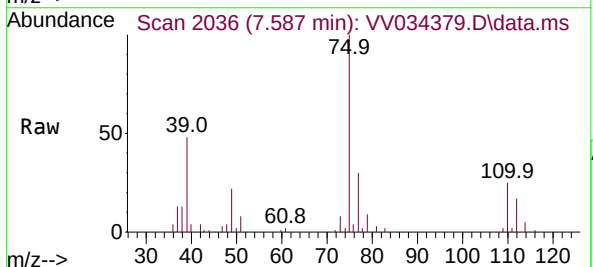
Acq: 23 Feb 2024 16:35

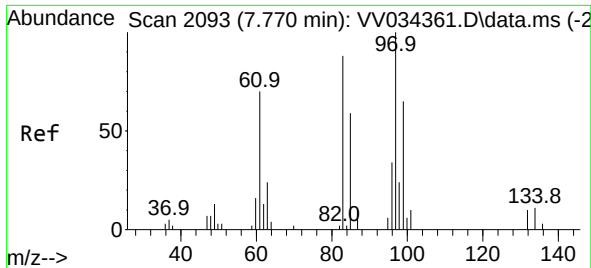
Tgt Ion: 75 Resp: 17461

Ion Ratio Lower Upper

75 100

77 30.3 22.2 41.2

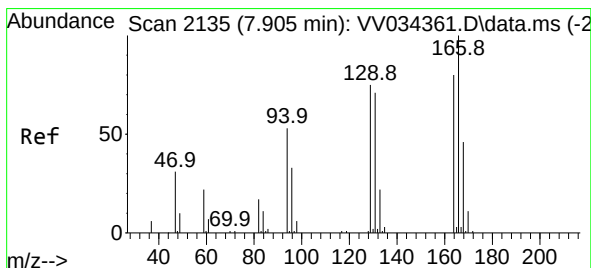
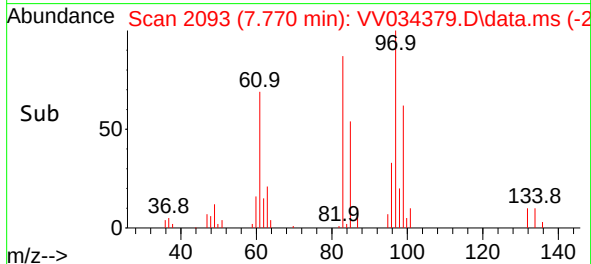
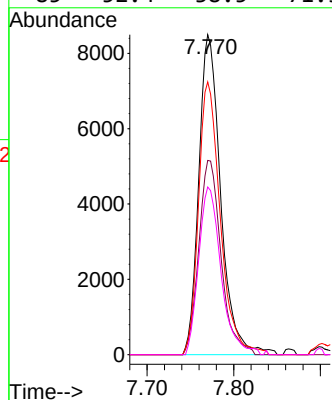
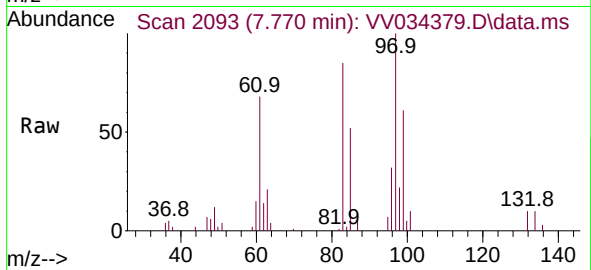




#45
1,1,2-Trichloroethane
Concen: 2.509 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV034379.D
Acq: 23 Feb 2024 16:35

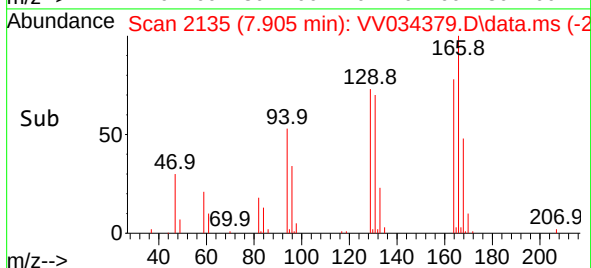
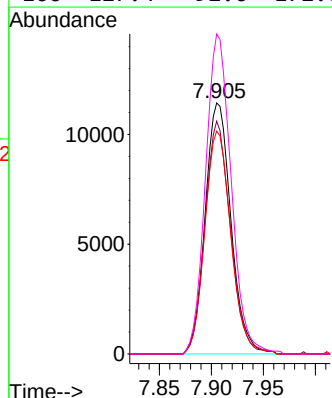
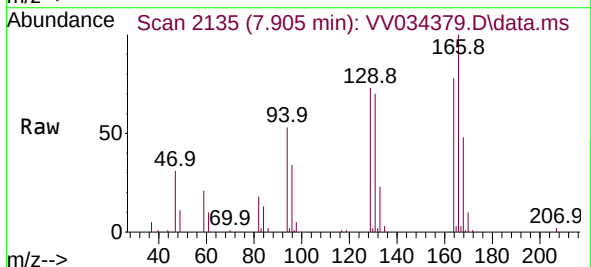
Instrument :
MSVOA_V
ClientSampleId :

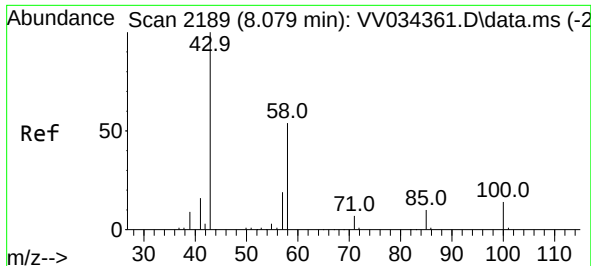
Tgt Ion:	97	Resp:	14928
Ion	Ratio	Lower	Upper
97	100		
99	60.7	45.6	84.6
83	85.3	62.3	115.7
85	52.4	38.5	71.5



#47
Tetrachloroethene
Concen: 2.114 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034379.D
Acq: 23 Feb 2024 16:35

Tgt Ion:	164	Resp:	19782
Ion	Ratio	Lower	Upper
164	100		
129	92.7	67.8	125.8
131	88.8	63.0	117.0
166	127.4	92.6	172.0

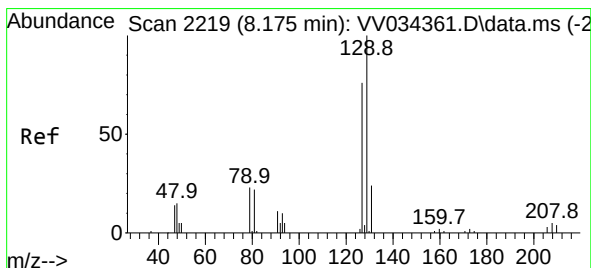
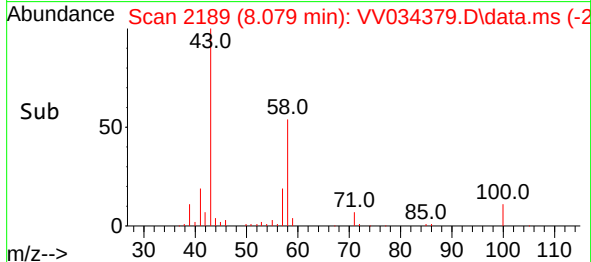
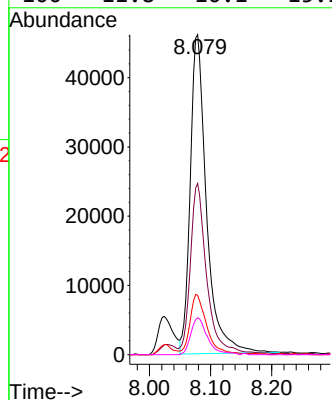
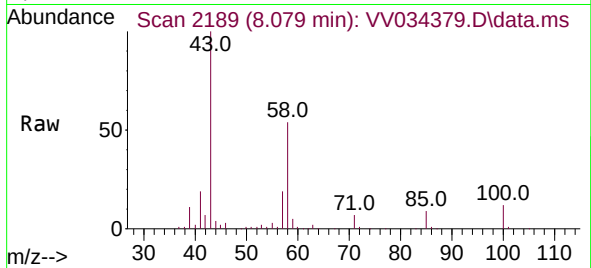




#48
2-Hexanone
Concen: 26.206 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV034379.D
Acq: 23 Feb 2024 16:35

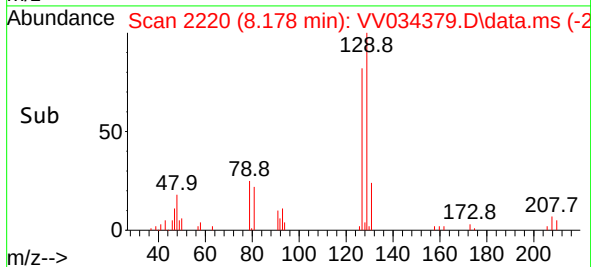
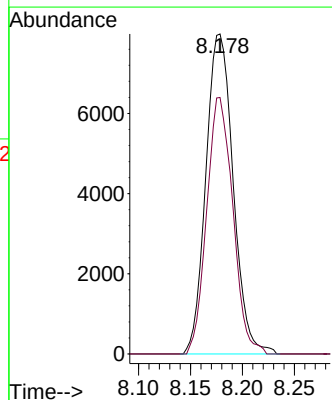
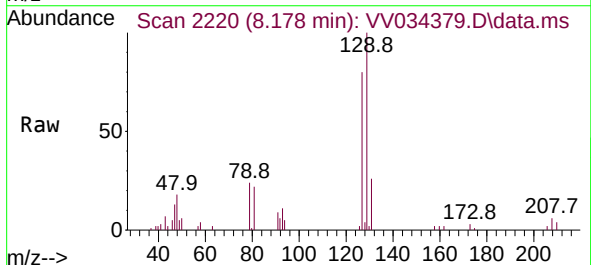
Instrument :
MSVOA_V
ClientSampleId :

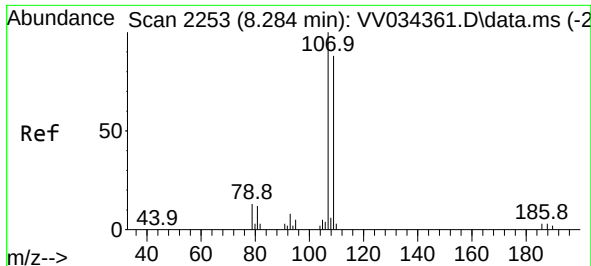
Tgt Ion:	43	Resp:	85249
Ion	Ratio	Lower	Upper
43	100		
58	53.7	42.6	64.0
57	18.8	15.5	23.3
100	11.8	10.1	15.1



#49
Dibromochloromethane
Concen: 2.066 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV034379.D
Acq: 23 Feb 2024 16:35

Tgt Ion:	129	Resp:	14611
Ion	Ratio	Lower	Upper
129	100		
127	80.1	53.5	99.5





#50

1,2-Dibromoethane

Concen: 2.573 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV034379.D

Acq: 23 Feb 2024 16:35

Instrument :

MSVOA_V

ClientSampleId :

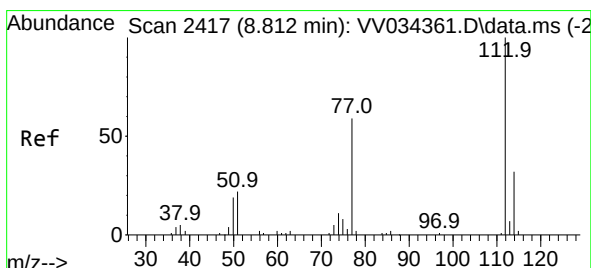
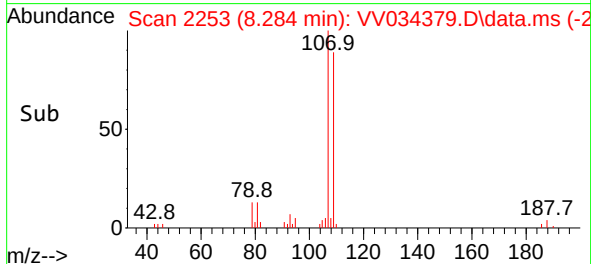
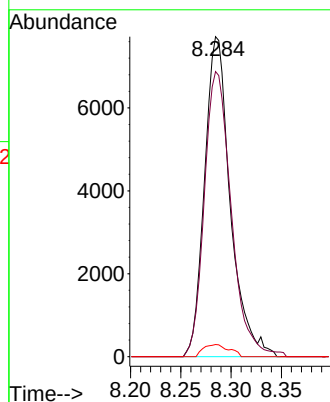
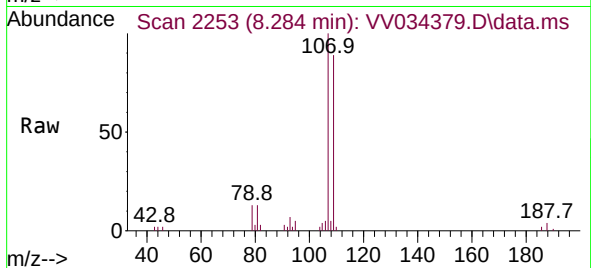
Tgt Ion:107 Resp: 13741

Ion Ratio Lower Upper

107 100

109 89.1 64.5 119.9

188 3.8 2.6 4.0



#51

Chlorobenzene

Concen: 2.424 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.003 min

Lab File: VV034379.D

Acq: 23 Feb 2024 16:35

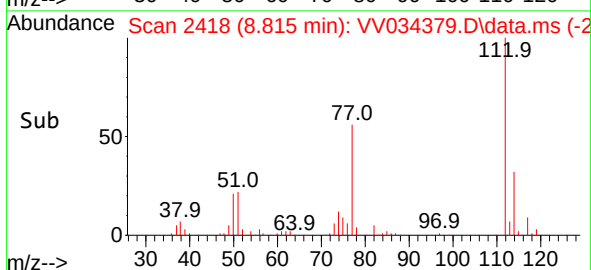
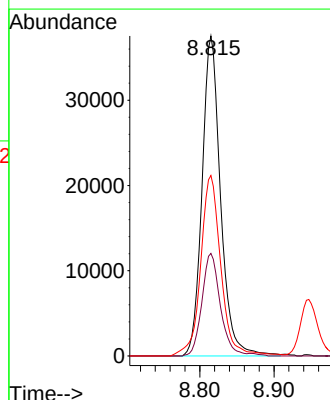
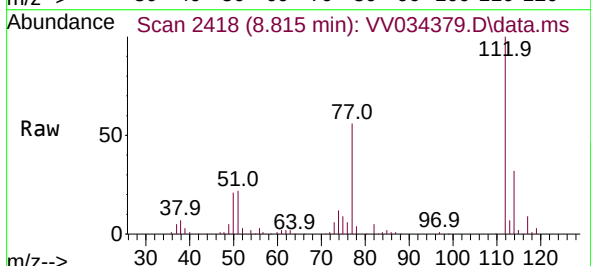
Tgt Ion:112 Resp: 65161

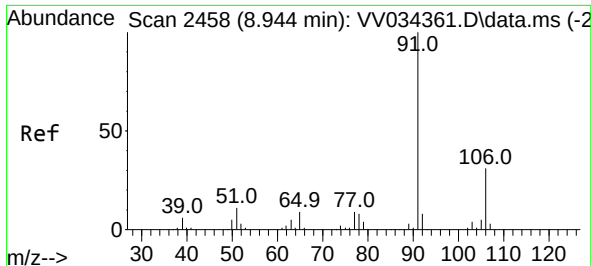
Ion Ratio Lower Upper

112 100

114 32.1 22.5 41.7

77 56.4 48.1 72.1





#52

Ethylbenzene

Concen: 2.403 ug/L

RT: 8.947 min Scan# 2458

Delta R.T. 0.003 min

Lab File: VV034379.D

Acq: 23 Feb 2024 16:35

Instrument :

MSVOA_V

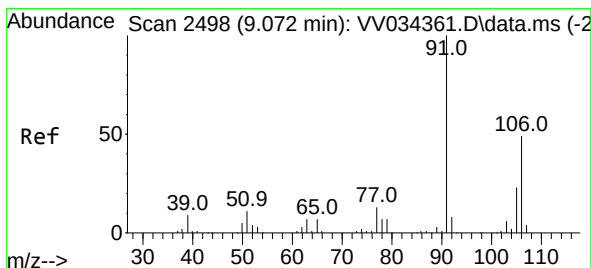
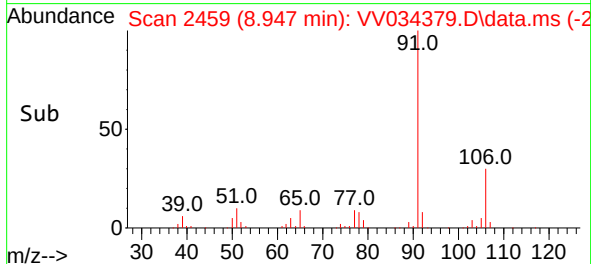
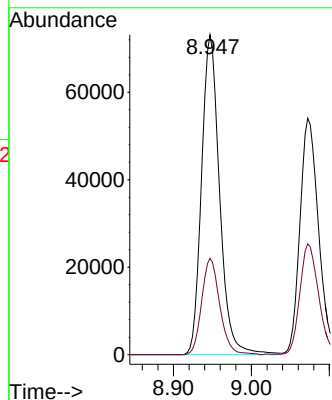
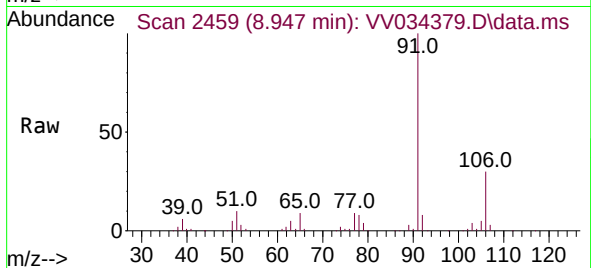
ClientSampleId :

Tgt Ion: 91 Resp: 117614

Ion Ratio Lower Upper

91 100

106 30.1 21.4 39.8



#53

m,p-Xylene

Concen: 2.297 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. -0.000 min

Lab File: VV034379.D

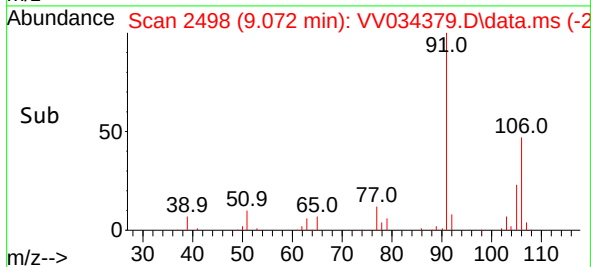
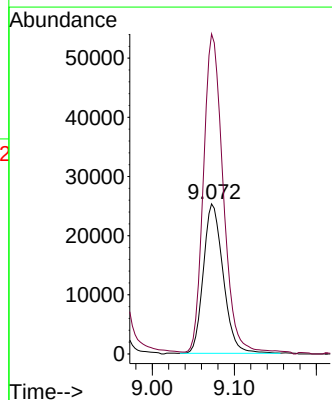
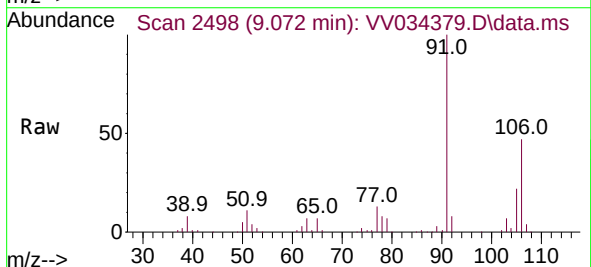
Acq: 23 Feb 2024 16:35

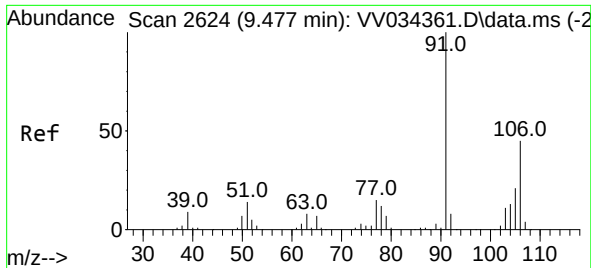
Tgt Ion:106 Resp: 42479

Ion Ratio Lower Upper

106 100

91 213.2 147.5 273.9

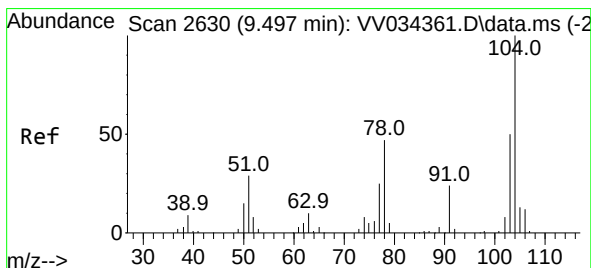
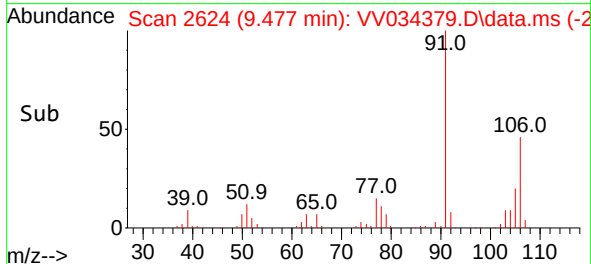
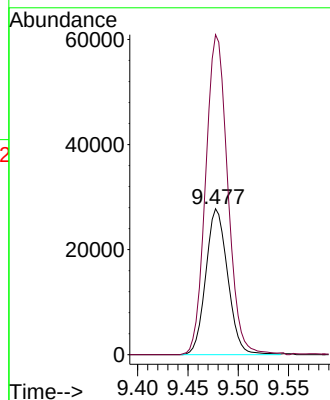
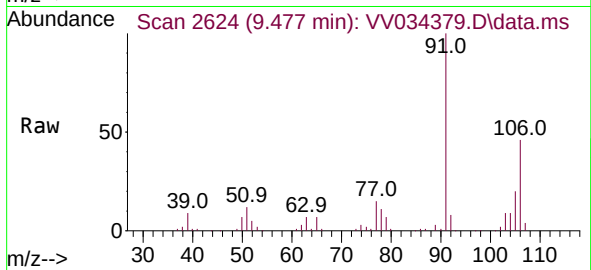




#54
o-Xylene
Concen: 2.366 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034379.D
Acq: 23 Feb 2024 16:35

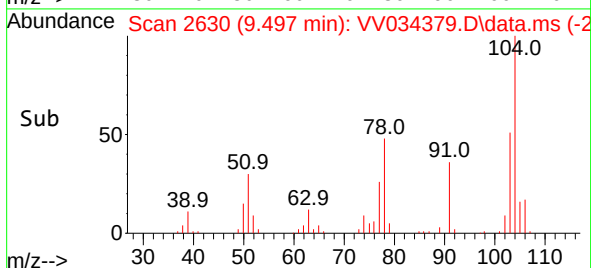
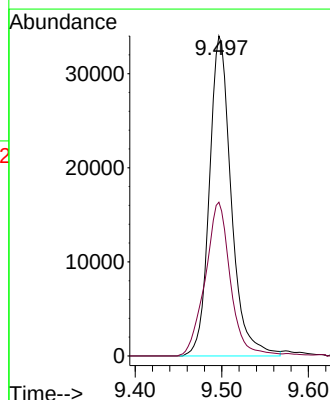
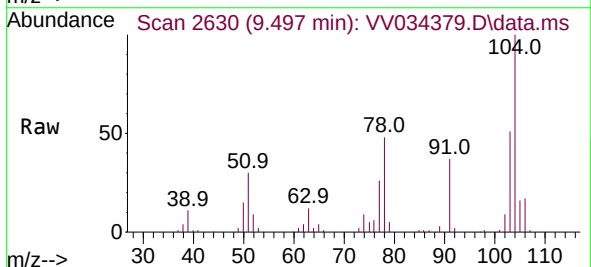
Instrument :
MSVOA_V
ClientSampleId :

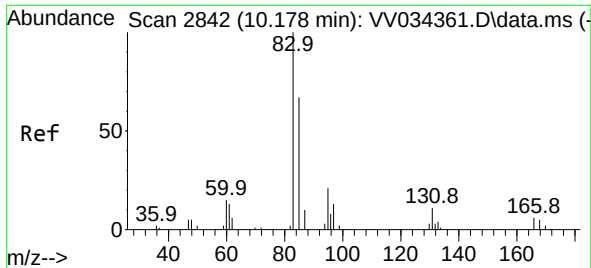
Tgt Ion:106 Resp: 42198
Ion Ratio Lower Upper
106 100
91 219.2 156.2 290.0



#55
Styrene
Concen: 2.092 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV034379.D
Acq: 23 Feb 2024 16:35

Tgt Ion:104 Resp: 59730
Ion Ratio Lower Upper
104 100
78 48.0 32.9 61.1

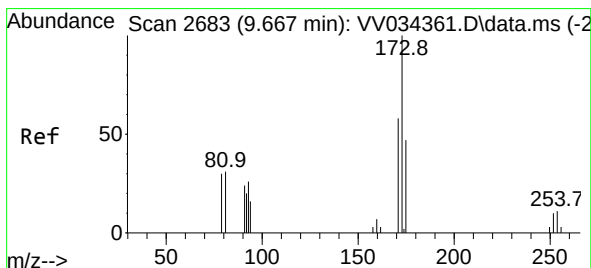
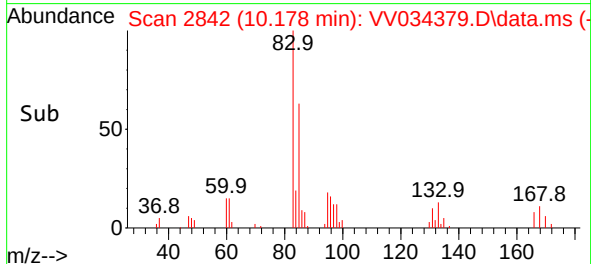
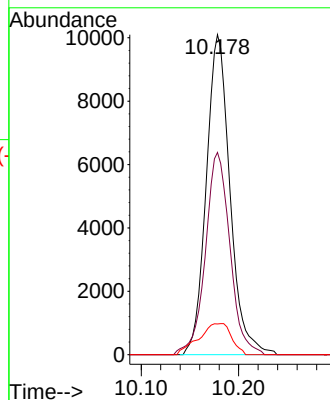
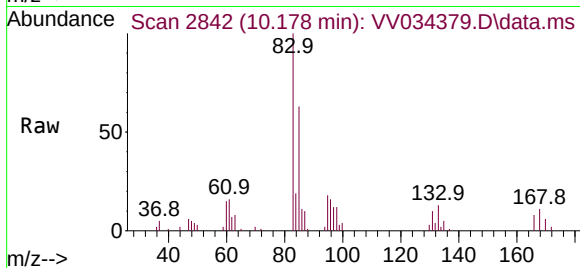




#57
 1,1,2,2-Tetrachloroethane
 Concen: 2.720 ug/L
 RT: 10.178 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034379.D
 Acq: 23 Feb 2024 16:35

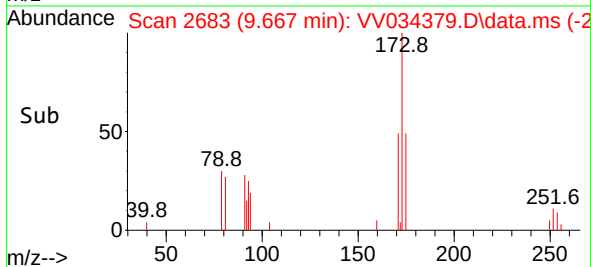
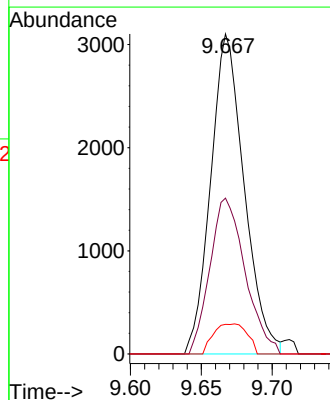
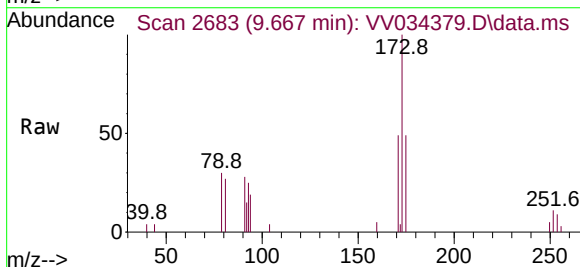
Instrument :
 MSVOA_V
 ClientSampleId :

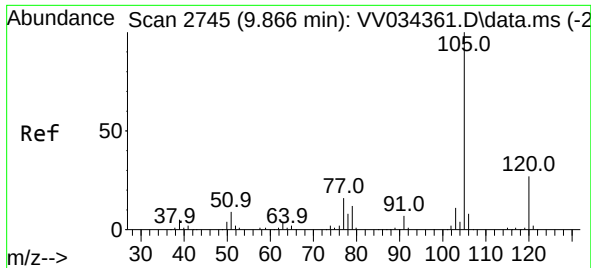
Tgt Ion:	83	Resp:	17084
Ion	Ratio	Lower	Upper
83	100		
85	63.2	46.5	86.3
131	9.6	8.4	12.6



#59
 Bromoform
 Concen: 1.346 ug/L
 RT: 9.667 min Scan# 2683
 Delta R.T. -0.000 min
 Lab File: VV034379.D
 Acq: 23 Feb 2024 16:35

Tgt Ion:	173	Resp:	5103
Ion	Ratio	Lower	Upper
173	100		
175	51.3	38.6	57.8
254	9.4	7.2	10.8

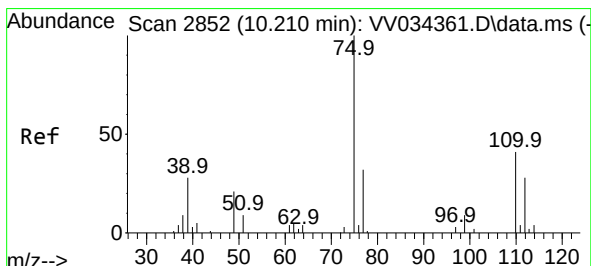
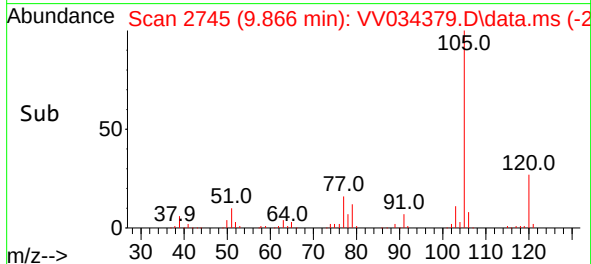
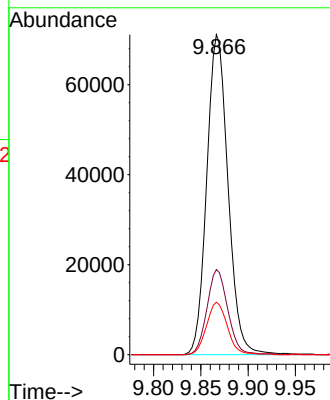
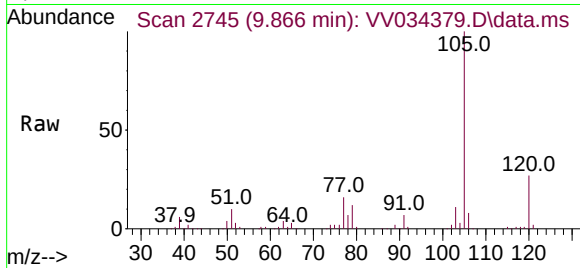




#60
Isopropylbenzene
Concen: 2.186 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034379.D
Acq: 23 Feb 2024 16:35

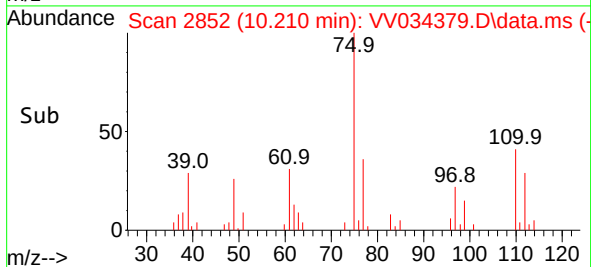
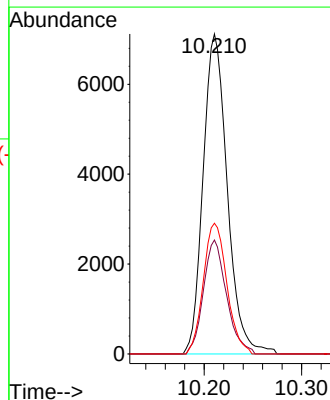
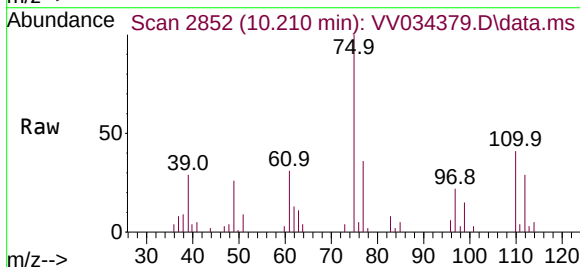
Instrument :
MSVOA_V
ClientSampleId :

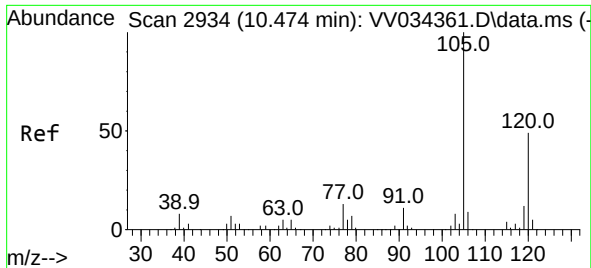
Tgt Ion:105 Resp: 111267
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 16.1 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 2.595 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV034379.D
Acq: 23 Feb 2024 16:35

Tgt Ion: 75 Resp: 12274
Ion Ratio Lower Upper
75 100
77 34.0 26.9 40.3
110 39.7 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 2.222 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV034379.D

Acq: 23 Feb 2024 16:35

Instrument :

MSVOA_V

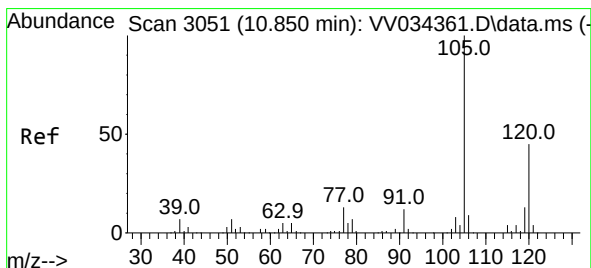
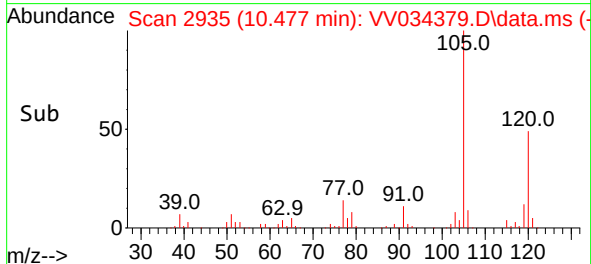
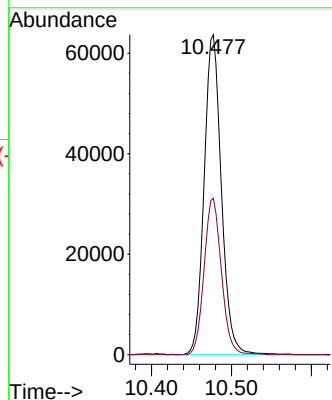
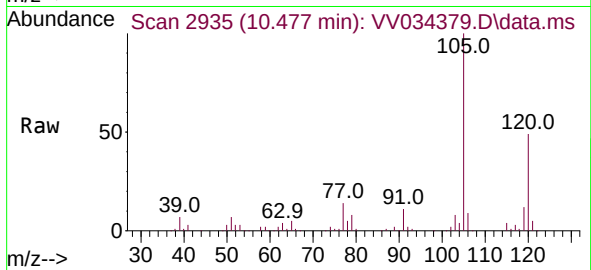
ClientSampleId :

Tgt Ion:105 Resp: 95623

Ion Ratio Lower Upper

105 100

120 49.1 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 2.293 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV034379.D

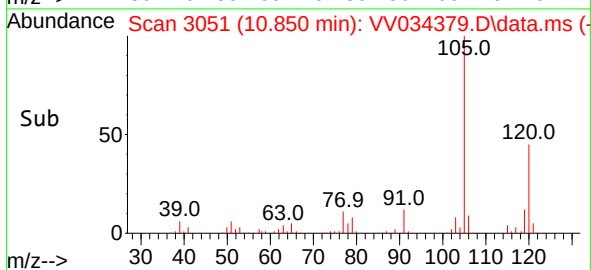
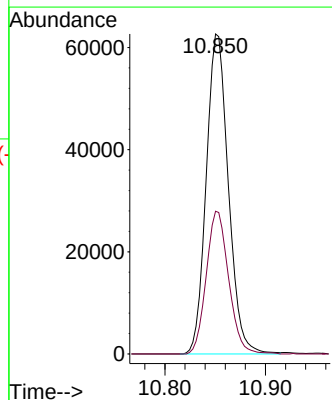
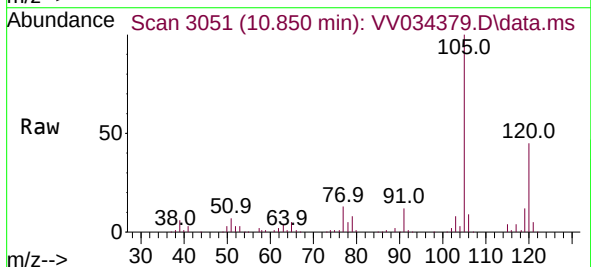
Acq: 23 Feb 2024 16:35

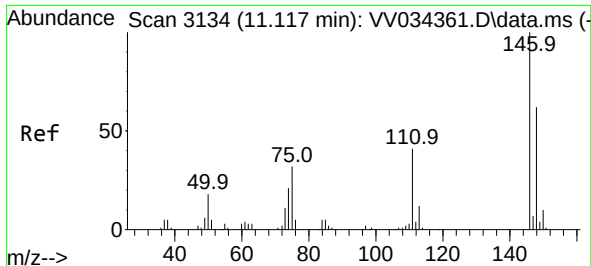
Tgt Ion:105 Resp: 95880

Ion Ratio Lower Upper

105 100

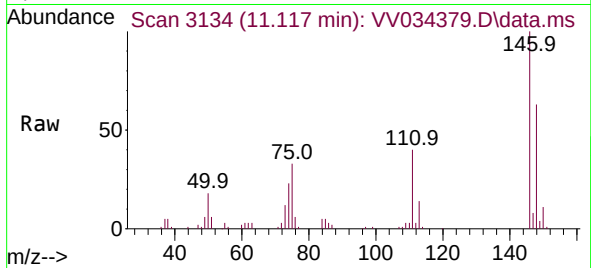
120 45.1 36.2 54.2



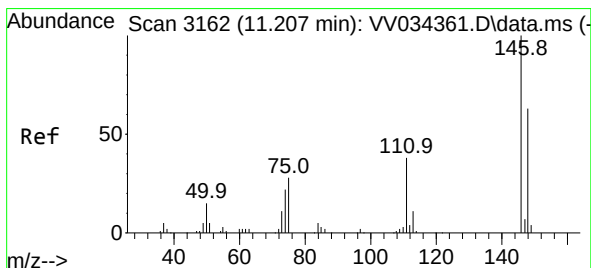
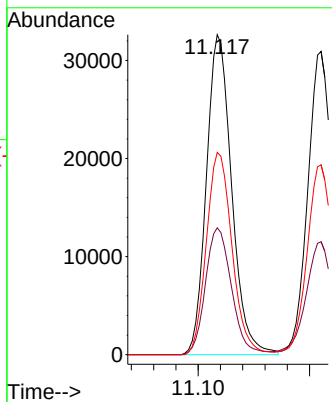
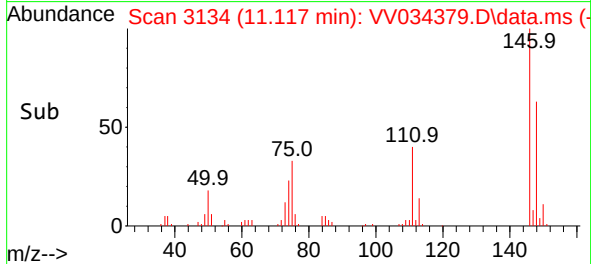


#64
1,3-Dichlorobenzene
Concen: 2.318 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV034379.D
Acq: 23 Feb 2024 16:35

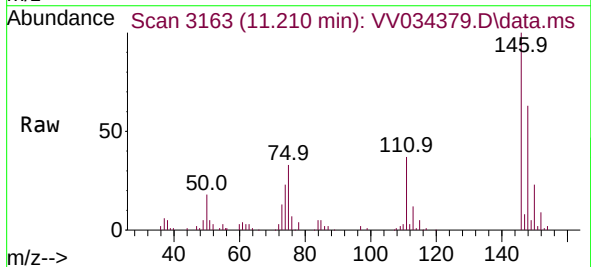
Instrument :
MSVOA_V
ClientSampleId :



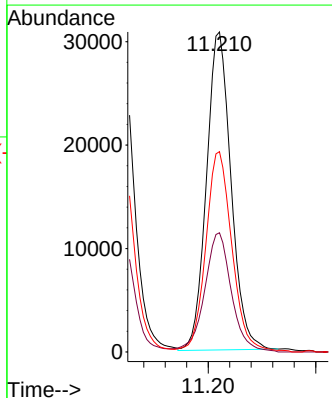
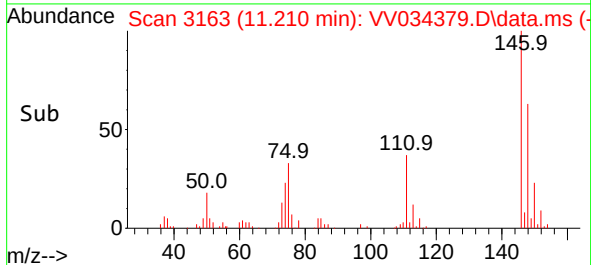
Tgt Ion:146 Resp: 51447
Ion Ratio Lower Upper
146 100
111 39.7 28.5 52.9
148 63.2 44.4 82.4

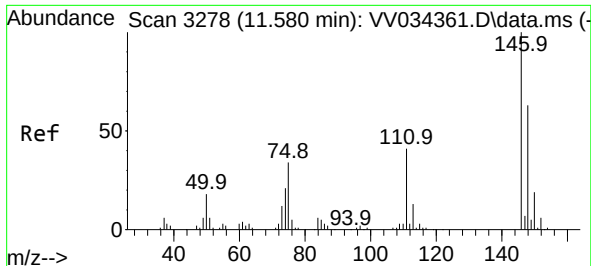


#65
1,4-Dichlorobenzene
Concen: 2.217 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034379.D
Acq: 23 Feb 2024 16:35



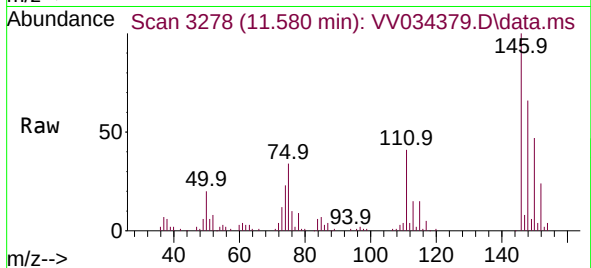
Tgt Ion:146 Resp: 48738
Ion Ratio Lower Upper
146 100
111 37.3 27.6 51.4
148 62.6 44.8 83.2



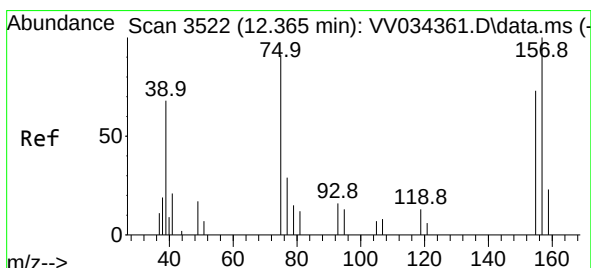
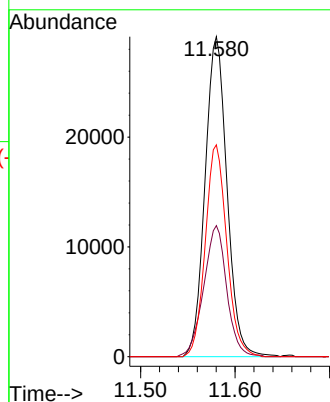
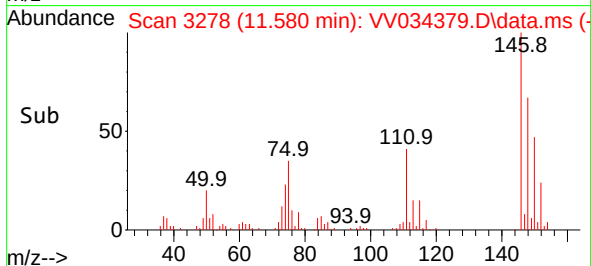


#67
1,2-Dichlorobenzene
Concen: 2.468 ug/L
RT: 11.580 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV034379.D
Acq: 23 Feb 2024 16:35

Instrument :
MSVOA_V
ClientSampleId :

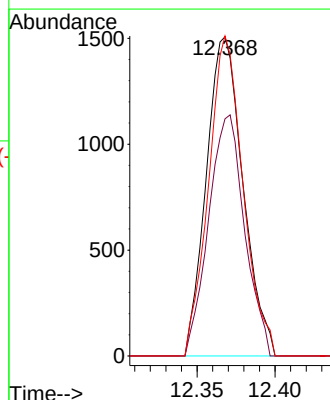
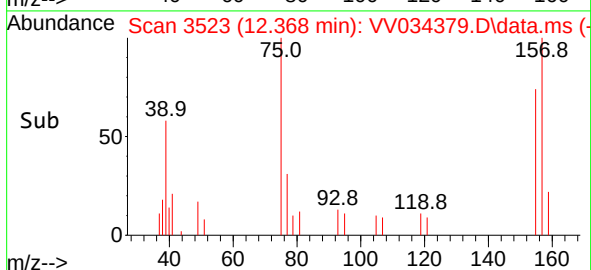
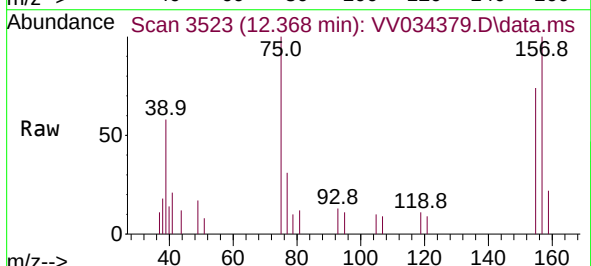


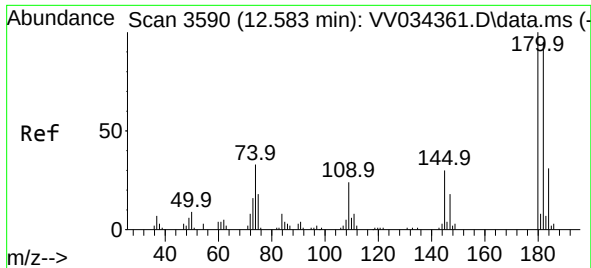
Tgt Ion:146 Resp: 47052
Ion Ratio Lower Upper
146 100
111 40.9 31.2 46.8
148 66.2 49.8 74.8



#68
1,2-Dibromo-3-chloropropane
Concen: 2.484 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.003 min
Lab File: VV034379.D
Acq: 23 Feb 2024 16:35

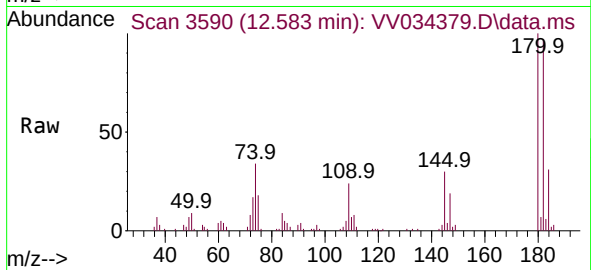
Tgt Ion: 75 Resp: 2462
Ion Ratio Lower Upper
75 100
155 74.3 68.9 103.3
157 100.3 84.6 127.0





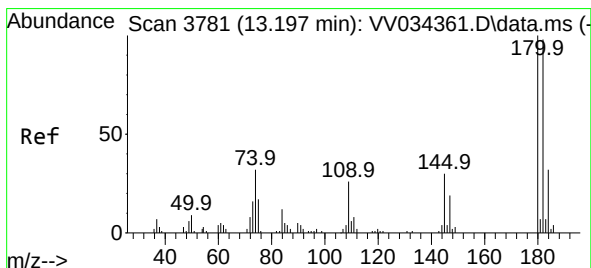
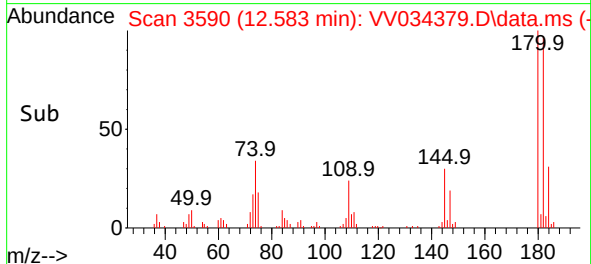
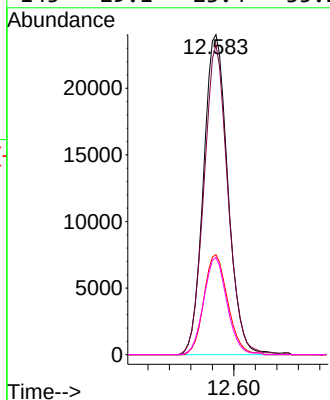
#69
 1,3,5-Trichlorobenzene
 Concen: 2.200 ug/L
 RT: 12.583 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034379.D
 Acq: 23 Feb 2024 16:35

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 37786

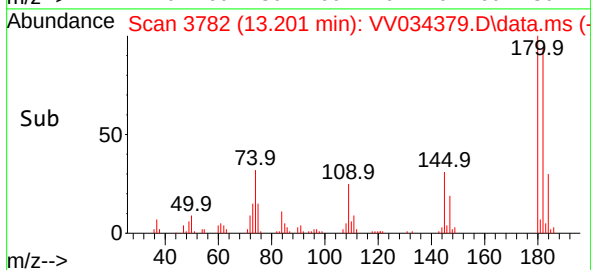
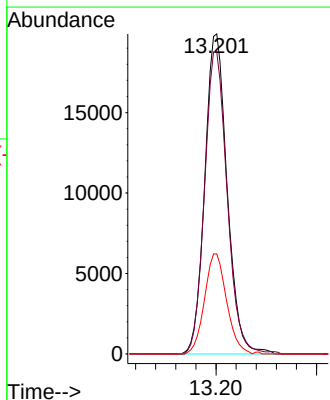
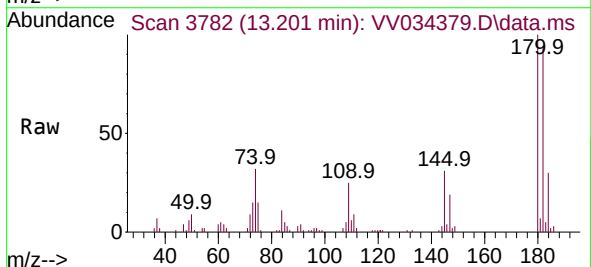
Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.0	115.4
184	30.6	23.8	35.6
145	29.1	23.4	35.2

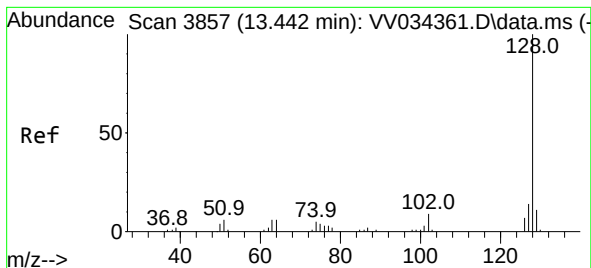


#70
 1,2,4-trichlorobenzene
 Concen: 2.286 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.003 min
 Lab File: VV034379.D
 Acq: 23 Feb 2024 16:35

Tgt Ion:180 Resp: 30655

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.8	115.2
145	30.9	24.8	37.2





#71

Naphthalene

Concen: 2.347 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. -0.000 min

Lab File: VV034379.D

Acq: 23 Feb 2024 16:35

Instrument :

MSVOA_V

ClientSampleId :

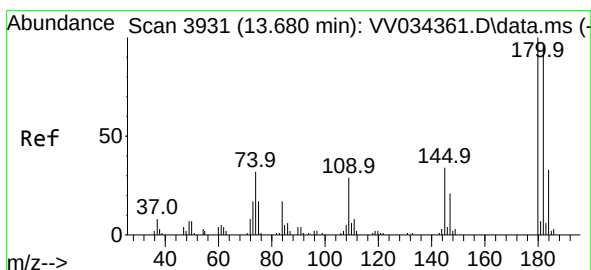
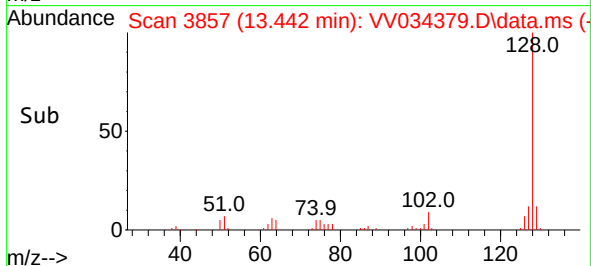
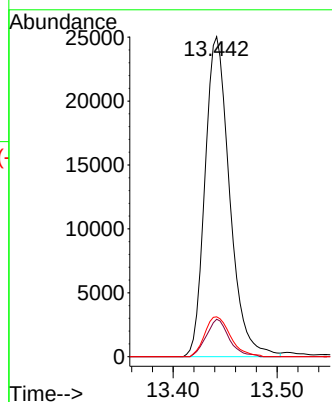
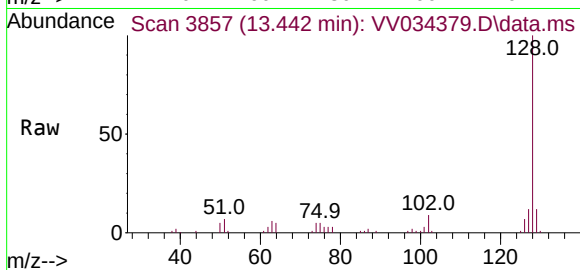
Tgt Ion:128 Resp: 41245

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

127 13.0 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 2.400 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV034379.D

Acq: 23 Feb 2024 16:35

Tgt Ion:180 Resp: 25791

Ion Ratio Lower Upper

180 100

182 96.0 75.0 112.6

145 32.8 25.2 37.8

