

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022324\
 Data File : VW034380.D
 Acq On : 23 Feb 2024 16:59
 Operator : SY/MD
 Sample : P1511-06DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 00:49:59 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	133276	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	123062	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	65696	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	57587	5.579	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.600%
7) Chloroethane-d5	1.532	69	45786	5.064	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.060	65	24950	5.012	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.200%
20) 2-Butanone-d5	3.796	46	97141	56.036	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.080%
24) Chloroform-d	4.252	84	96416	5.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	4.944	65	48554	5.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	4.960	84	185191	5.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	5.989	67	51635	5.003	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.243	98	173413	5.110	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	7.558	79	13255	3.401	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.000%
46) 2-Hexanone-d5	8.024	63	79098	56.857	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.720%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	34312	5.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	60007	5.022	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	20378	1.668	ug/L	99
3) Chloromethane	1.217	50	24249	1.820	ug/L	95
5) Vinyl chloride	1.285	62	32235	2.532	ug/L #	1
6) Bromomethane	1.490	94	11377	1.697	ug/L	97
8) Chloroethane	1.552	64	19533	2.249	ug/L #	82
9) Trichlorofluoromethane	1.716	101	39627	2.160	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	21731	2.266	ug/L	99
12) 1,1-Dichloroethene	2.069	96	20715	2.225	ug/L #	34
13) Acetone	2.130	43	31167	23.699	ug/L #	36
14) Carbon disulfide	2.243	76	67343	2.235	ug/L	99
15) Methyl Acetate	2.388	43	7476	2.402	ug/L	92
16) Methylene chloride	2.449	84	21978	2.460	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	69609	3.639	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	70770	7.463	ug/L	97
19) 1,1-Dichloroethane	3.114	63	39922	2.291	ug/L	94
21) 2-Butanone	3.886	43	40472	23.287	ug/L #	60
22) cis-1,2-Dichloroethene	3.815	96	29822	2.772	ug/L	95
23) Bromochloromethane	4.156	128	8800	2.353	ug/L	88
25) Chloroform	4.278	83	40047	2.274	ug/L	99

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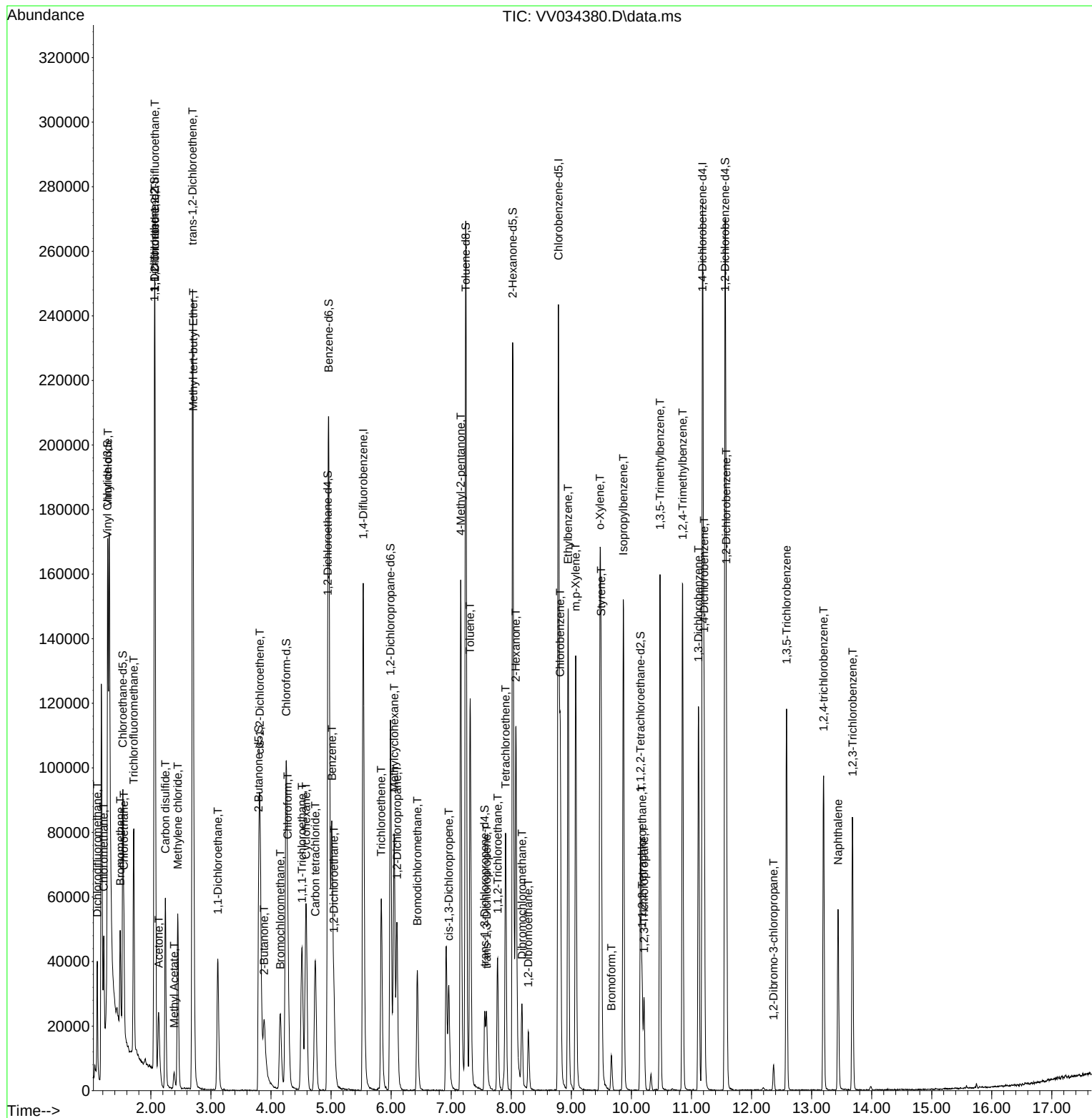
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	25463	2.525	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	37025	2.241	ug/L	98
30) Cyclohexane	4.584	56	30960	1.927	ug/L	96
31) Carbon tetrachloride	4.738	117	30737	2.126	ug/L	98
33) Benzene	5.014	78	82895	2.246	ug/L	100
34) Trichloroethene	5.834	95	21419	2.005	ug/L	96
35) Methylcyclohexane	6.053	83	32815	1.957	ug/L	97
37) 1,2-Dichloropropane	6.098	63	18256	2.042	ug/L	100
38) Bromodichloromethane	6.436	83	25094	2.138	ug/L	94
39) cis-1,3-Dichloropropene	6.960	75	20892	1.536	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	106309	24.830	ug/L	98
42) Toluene	7.317	91	88317	2.239	ug/L	96
44) trans-1,3-Dichloropropene	7.590	75	15180	1.453	ug/L	96
45) 1,1,2-Trichloroethane	7.773	97	12362	2.239	ug/L	96
47) Tetrachloroethene	7.905	164	17301	1.993	ug/L	96
48) 2-Hexanone	8.079	43	75554	25.035	ug/L	100
49) Dibromochloromethane	8.178	129	12844	1.958	ug/L	98
50) 1,2-Dibromoethane	8.284	107	11762	2.374	ug/L #	99
51) Chlorobenzene	8.815	112	55590	2.229	ug/L	99
52) Ethylbenzene	8.947	91	102828	2.265	ug/L	100
53) m,p-Xylene	9.072	106	37289	2.173	ug/L	99
54) o-Xylene	9.477	106	36643	2.215	ug/L	97
55) Styrene	9.497	104	51260	1.935	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	15140	2.598	ug/L	93
59) Bromoform	9.667	173	4900	1.354	ug/L	96
60) Isopropylbenzene	9.866	105	95819	1.971	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	10575	2.341	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	83572	2.034	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	83467	2.090	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	46151	2.177	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	45003	2.144	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	41662	2.289	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	1970	2.081	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	34600	2.109	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	28144	2.198	ug/L	99
71) Naphthalene	13.442	128	43940	2.619	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	24607	2.398	ug/L	98

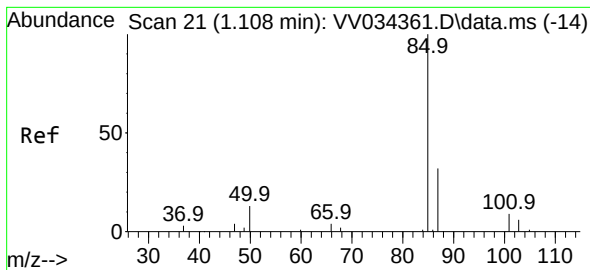
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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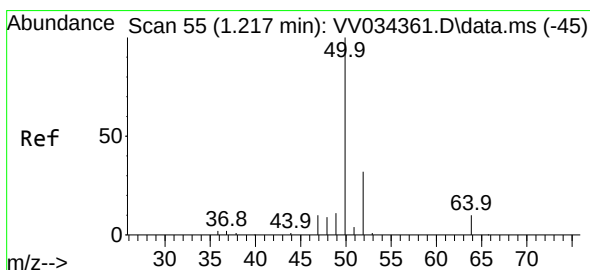
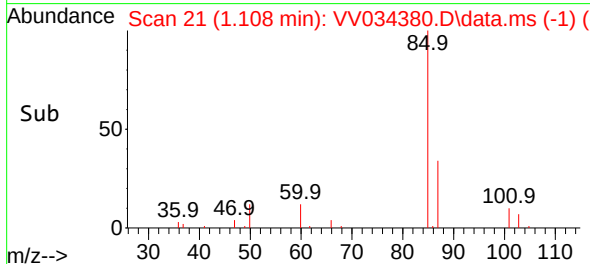
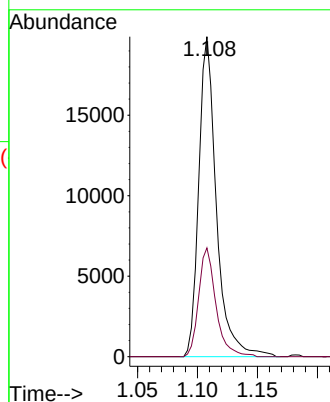
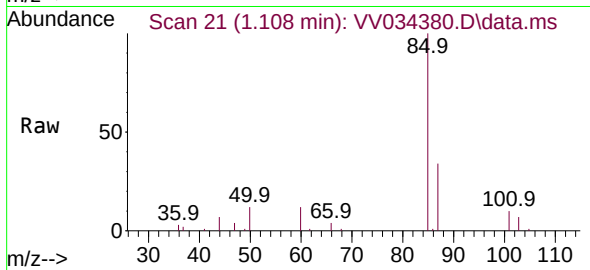




#2
Dichlorodifluoromethane
Concen: 1.668 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

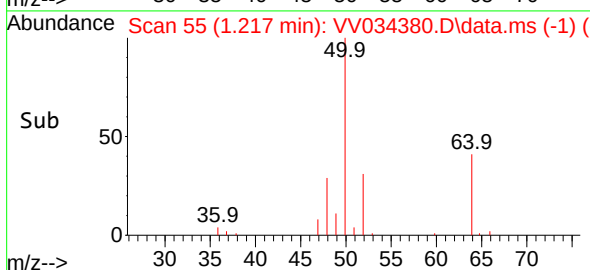
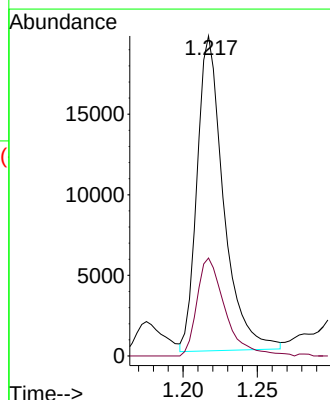
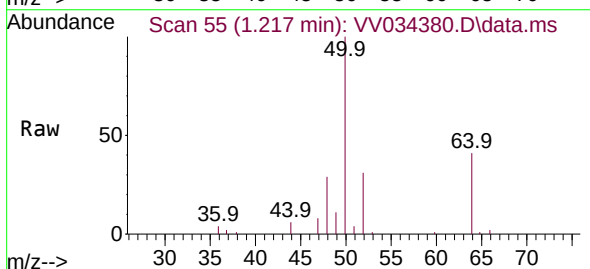
Instrument :
MSVOA_V
ClientSampleId :

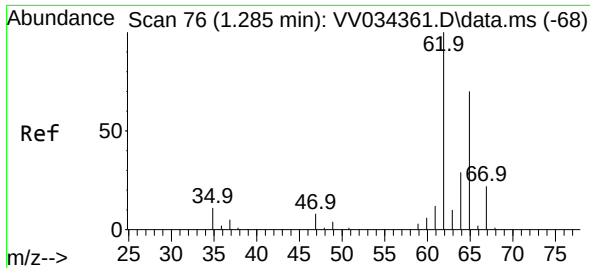
Tgt Ion: 85 Resp: 20378
Ion Ratio Lower Upper
85 100
87 33.3 26.2 39.4



#3
Chloromethane
Concen: 1.820 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

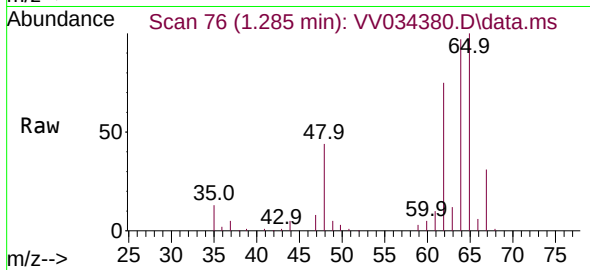
Tgt Ion: 50 Resp: 24249
Ion Ratio Lower Upper
50 100
52 30.6 23.4 43.4



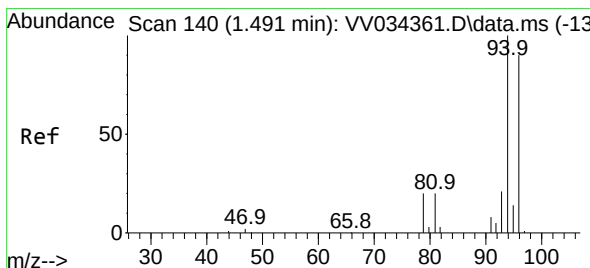
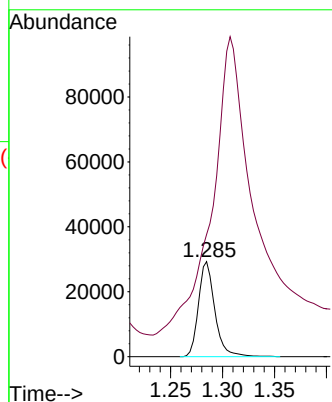
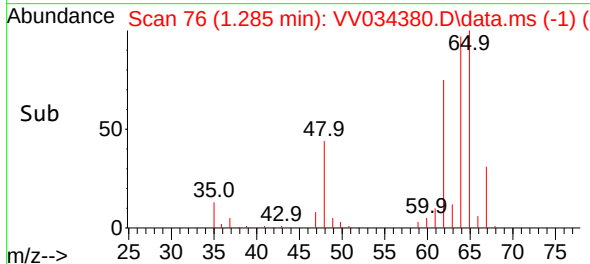


#5
 Vinyl chloride
 Concen: 2.532 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV034380.D
 Acq: 23 Feb 2024 16:59

Instrument :
 MSVOA_V
 ClientSampleId :

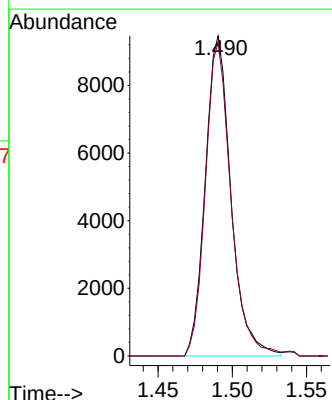
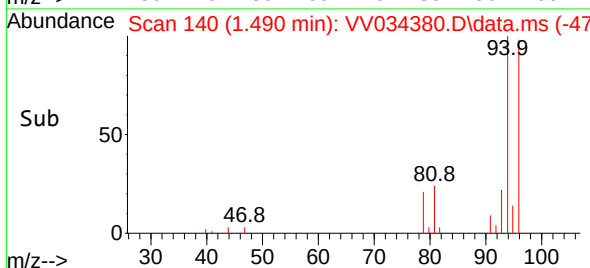
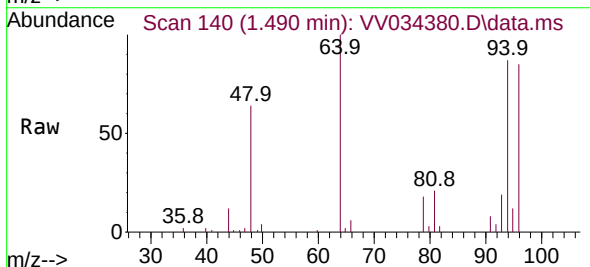


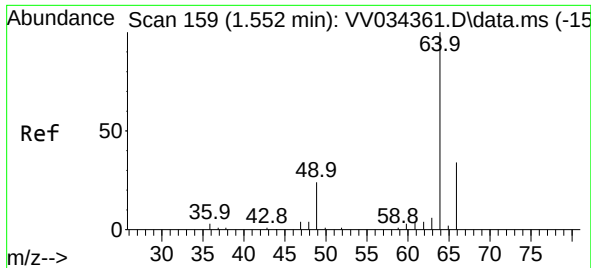
Tgt Ion: 62 Resp: 32235
 Ion Ratio Lower Upper
 62 100
 64 128.6 27.2 50.4#



#6
 Bromomethane
 Concen: 1.697 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV034380.D
 Acq: 23 Feb 2024 16:59

Tgt Ion: 94 Resp: 11377
 Ion Ratio Lower Upper
 94 100
 96 97.9 66.6 123.8

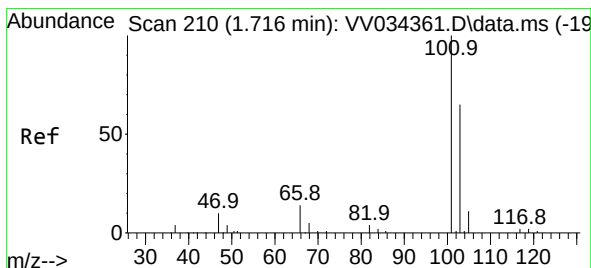
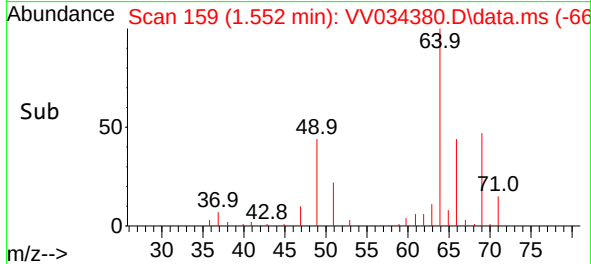
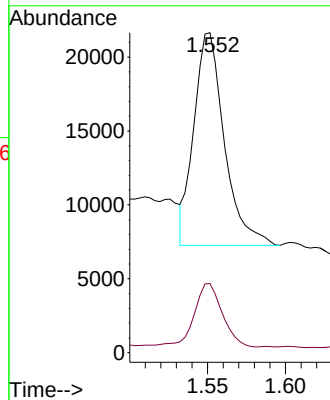
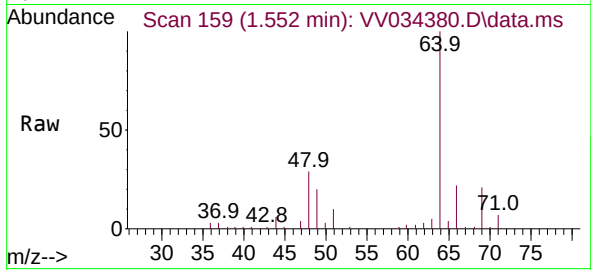




#8
Chloroethane
Concen: 2.249 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

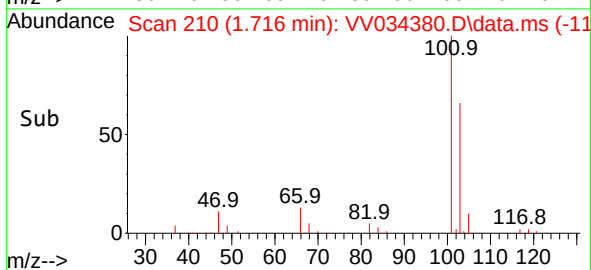
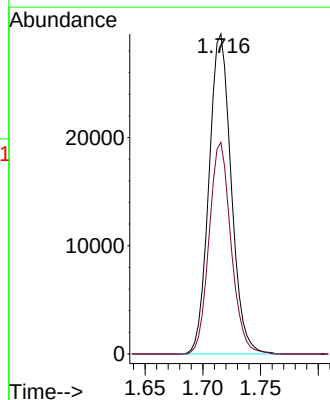
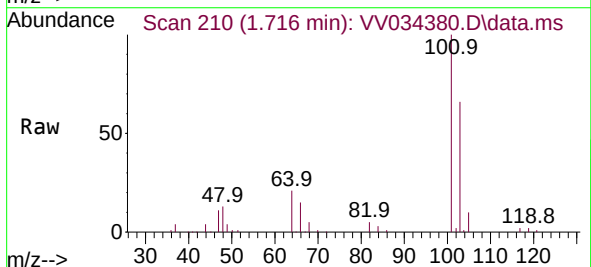
Instrument :
MSVOA_V
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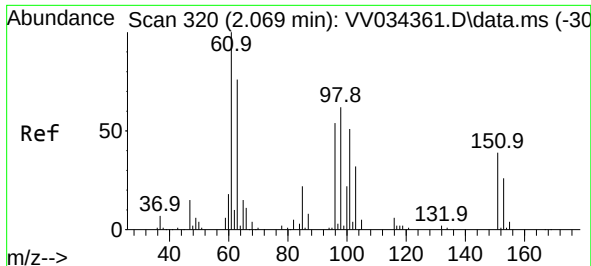
Tgt Ion: 64 Resp: 19533
Ion Ratio Lower Upper
64 100
66 21.6 22.0 41.0#



#9
Trichlorofluoromethane
Concen: 2.160 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

Tgt Ion:101 Resp: 39627
Ion Ratio Lower Upper
101 100
103 65.2 51.0 76.4

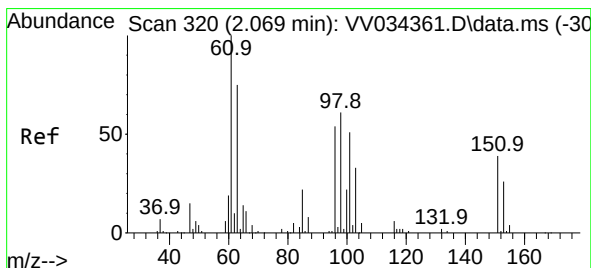
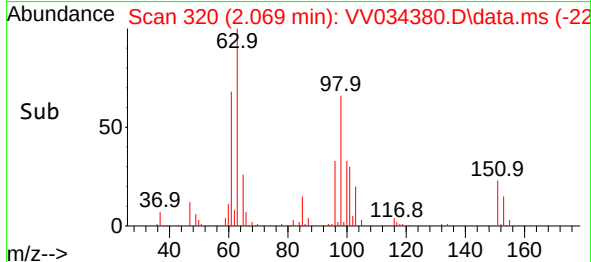
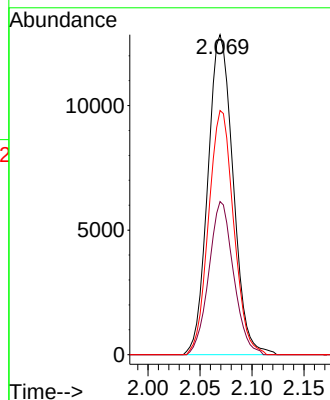
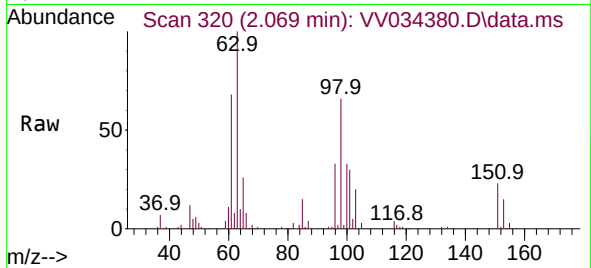




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.266 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034380.D
 Acq: 23 Feb 2024 16:59

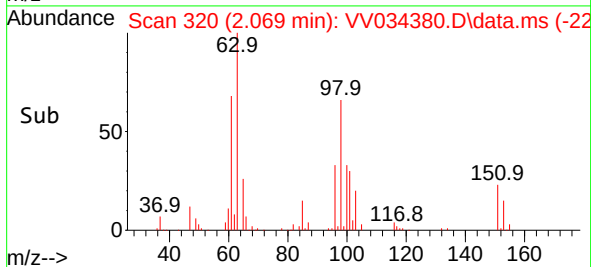
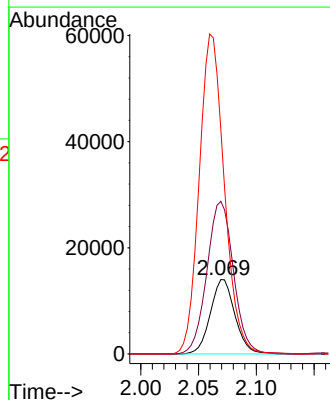
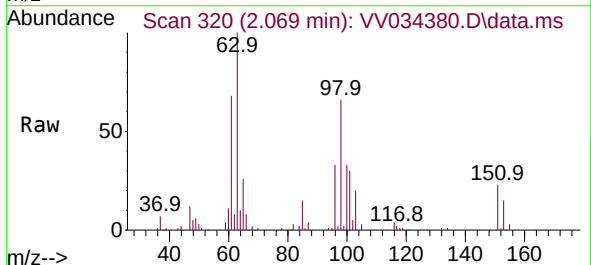
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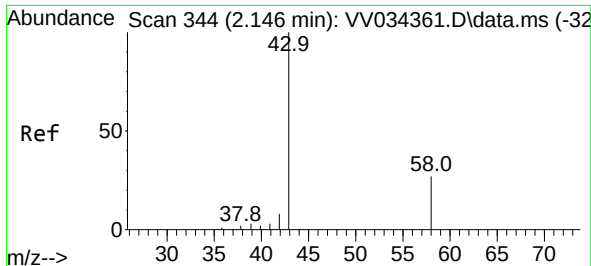
Tgt Ion:101 Resp: 21731
 Ion Ratio Lower Upper
 101 100
 85 46.7 37.1 55.7
 151 75.7 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 2.225 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034380.D
 Acq: 23 Feb 2024 16:59

Tgt Ion: 96 Resp: 20715
 Ion Ratio Lower Upper
 96 100
 61 205.2 128.8 239.2
 63 302.1 97.9 181.9#





#13

Acetone

Concen: 23.699 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV034380.D

Acq: 23 Feb 2024 16:59

Instrument :

MSVOA_V

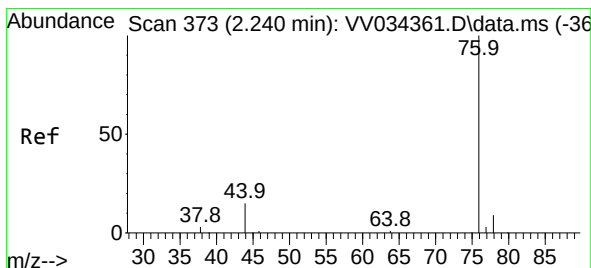
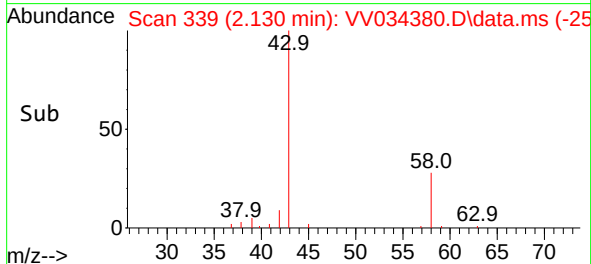
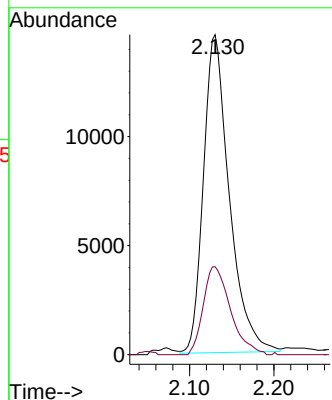
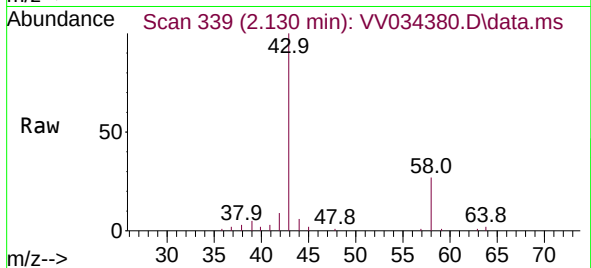
ClientSampleId :

Tgt Ion: 43 Resp: 31167

Ion Ratio Lower Upper

43 100

58 29.1 0.0 13.8#



#14

Carbon disulfide

Concen: 2.235 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034380.D

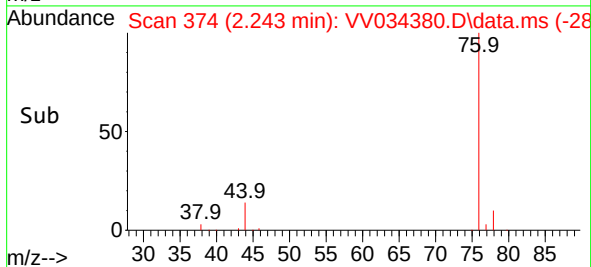
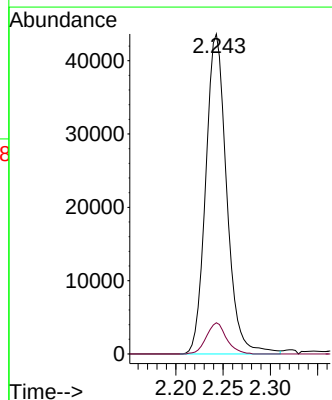
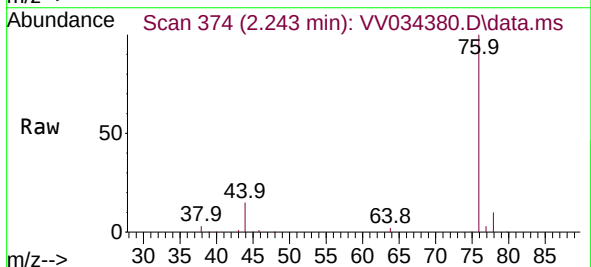
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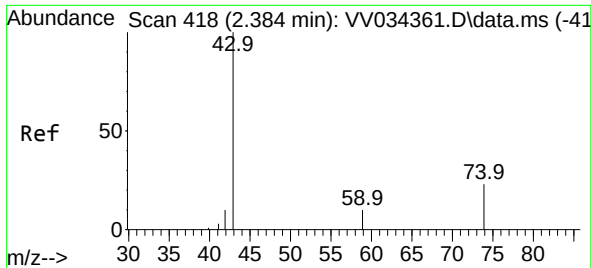
Tgt Ion: 76 Resp: 67343

Ion Ratio Lower Upper

76 100

78 9.8 7.5 11.3

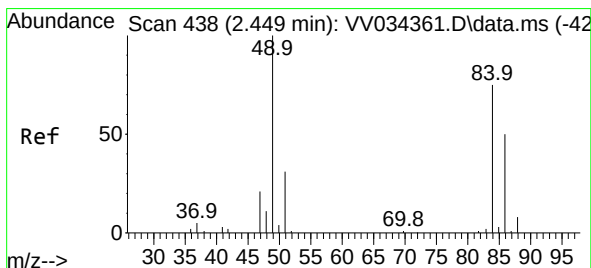
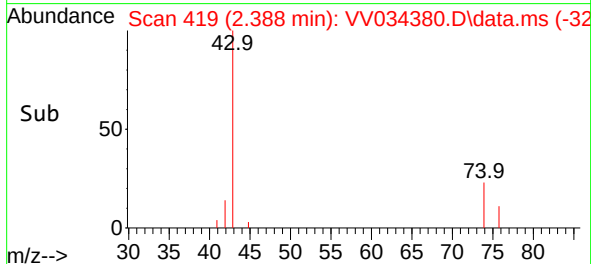
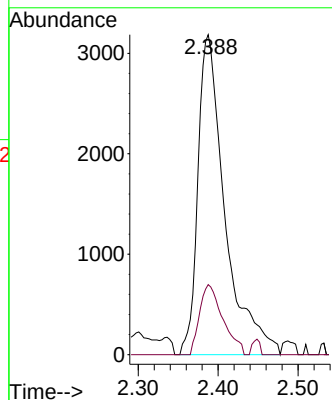
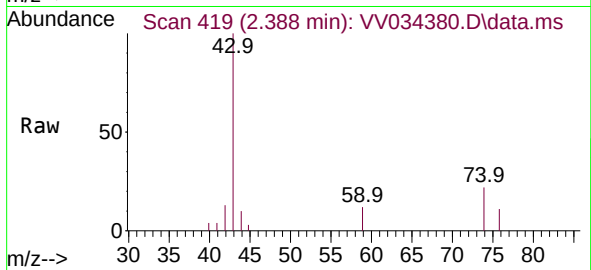




#15
Methyl Acetate
Concen: 2.402 ug/L
RT: 2.388 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

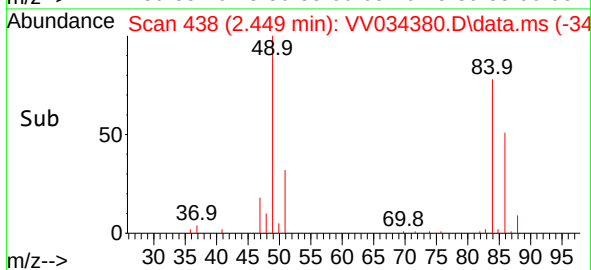
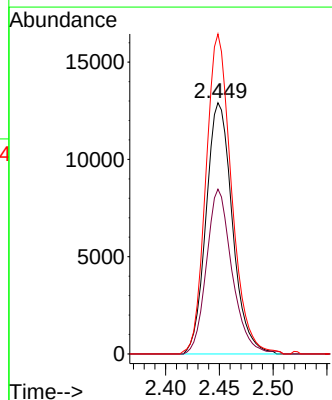
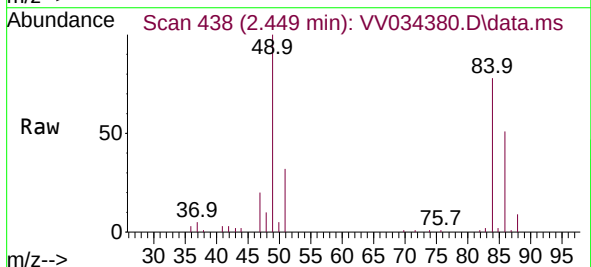
Instrument :
MSVOA_V
ClientSampleId :

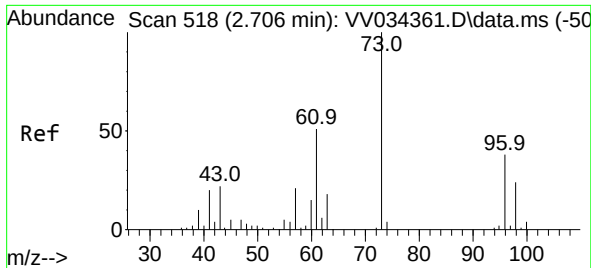
Tgt Ion: 43 Resp: 7476
Ion Ratio Lower Upper
43 100
74 18.9 18.2 27.4



#16
Methylene chloride
Concen: 2.460 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

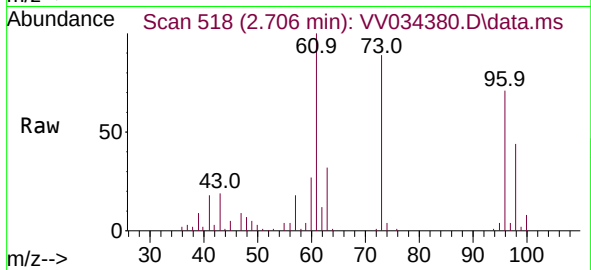
Tgt Ion: 84 Resp: 21978
Ion Ratio Lower Upper
84 100
86 65.6 44.7 83.1
49 127.4 93.7 173.9



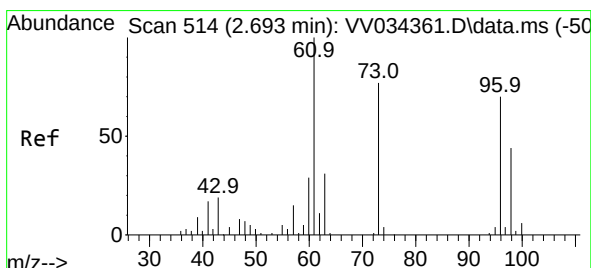
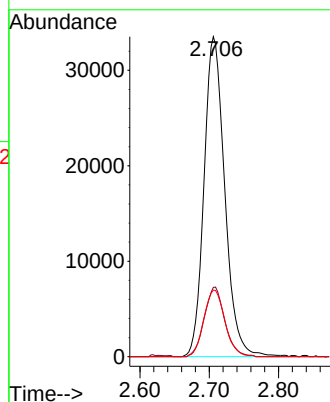
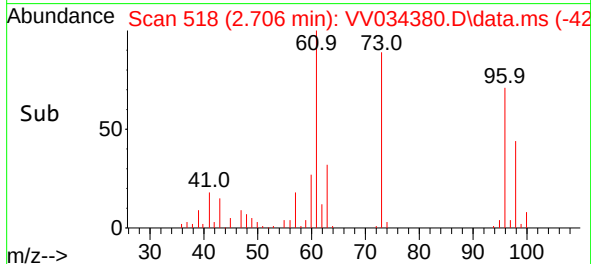


#17
Methyl tert-butyl Ether
Concen: 3.639 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

Instrument :
MSVOA_V
ClientSampleId :

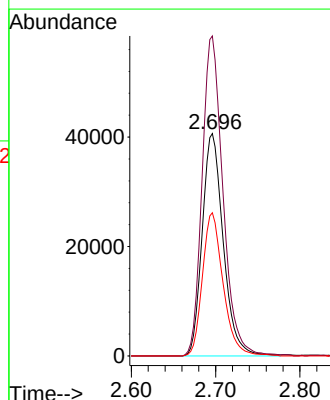
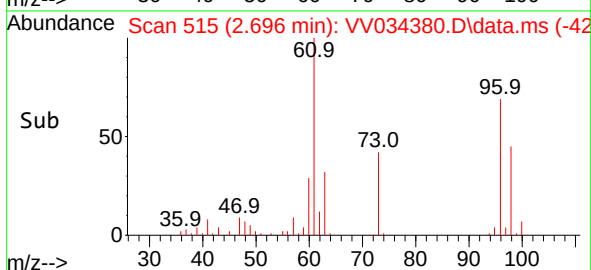
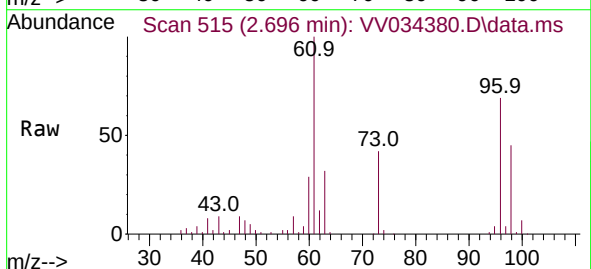


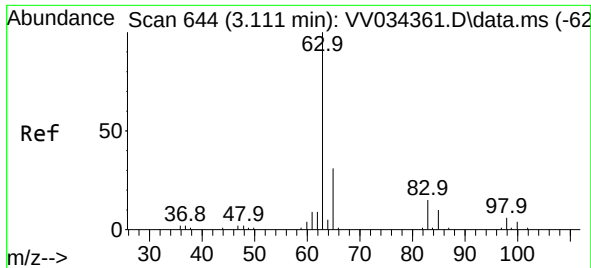
Tgt Ion: 73	Resp: 69609
Ion Ratio	Lower Upper
73 100	
43 21.5	17.7 26.5
57 21.2	17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 7.463 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

Tgt Ion: 96	Resp: 70770
Ion Ratio	Lower Upper
96 100	
61 143.9	97.6 181.4
98 64.4	44.4 82.5

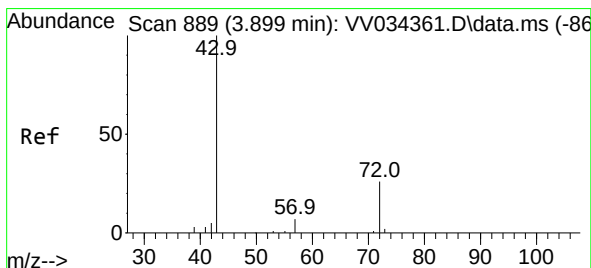
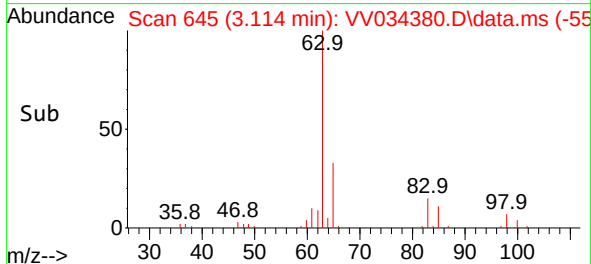
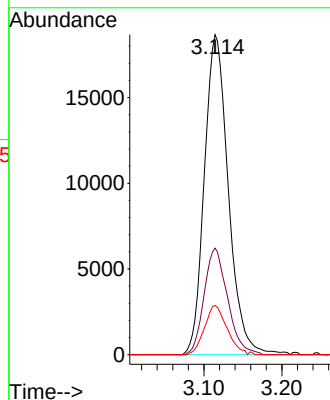
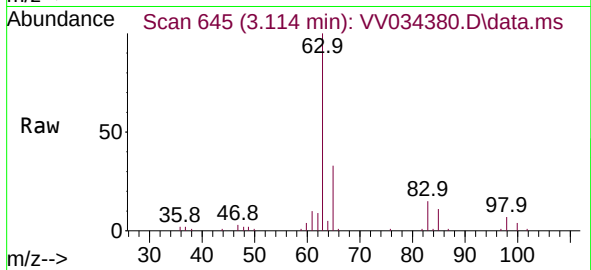




#19
1,1-Dichloroethane
Concen: 2.291 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

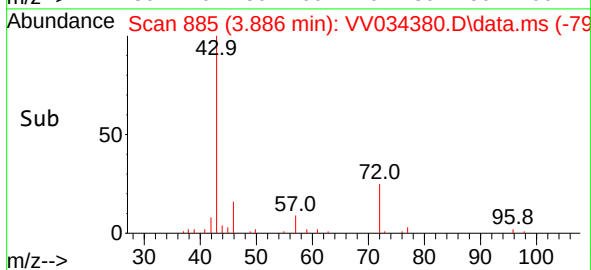
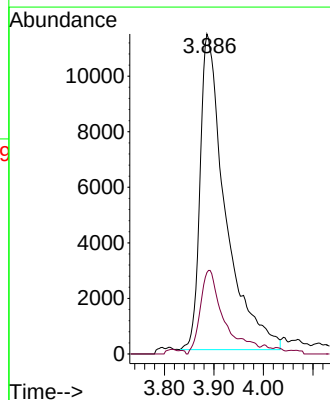
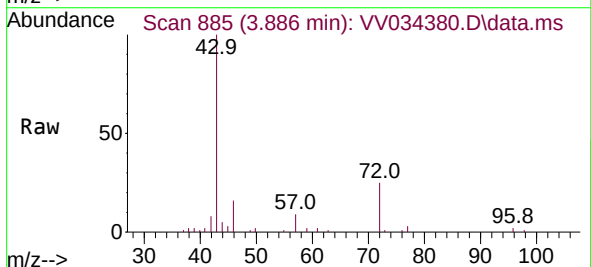
Instrument :
MSVOA_V
ClientSampleId :

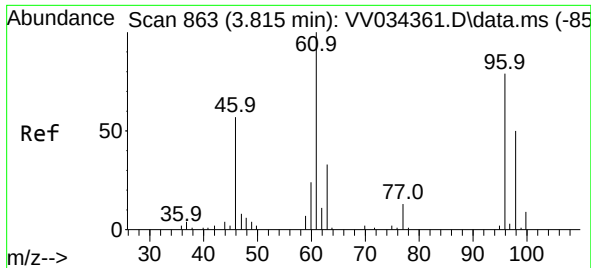
Tgt Ion: 63 Resp: 39922
Ion Ratio Lower Upper
63 100
65 33.3 20.8 38.6
83 15.4 9.4 17.4



#21
2-Butanone
Concen: 23.287 ug/L
RT: 3.886 min Scan# 885
Delta R.T. -0.013 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

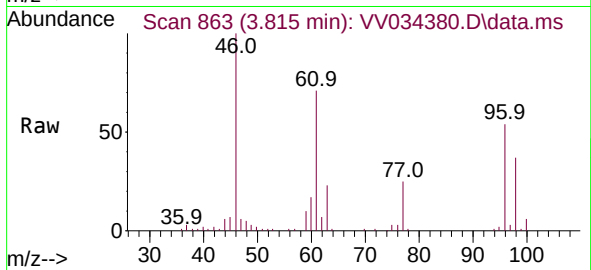
Tgt Ion: 43 Resp: 40472
Ion Ratio Lower Upper
43 100
72 22.1 4.0 11.9#





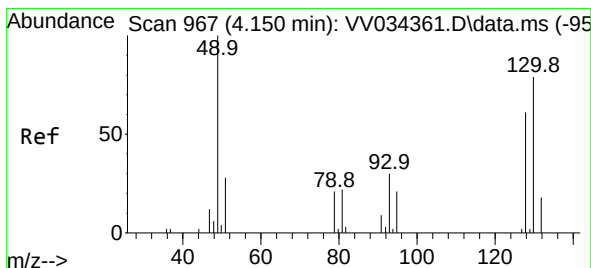
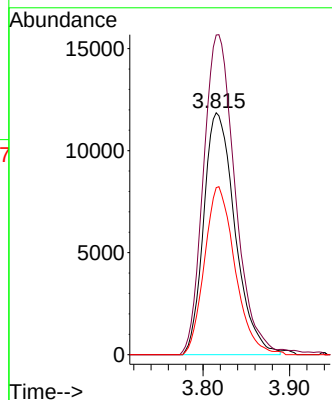
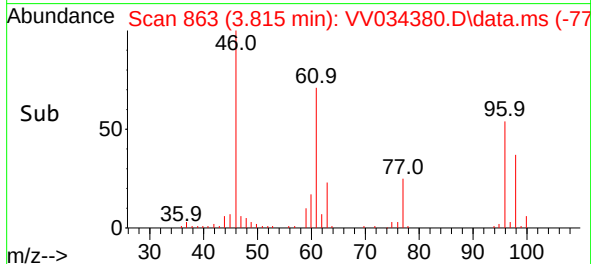
#22
 cis-1,2-Dichloroethene
 Concen: 2.772 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VV034380.D
 Acq: 23 Feb 2024 16:59

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 29822

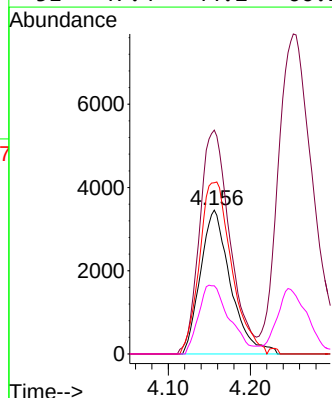
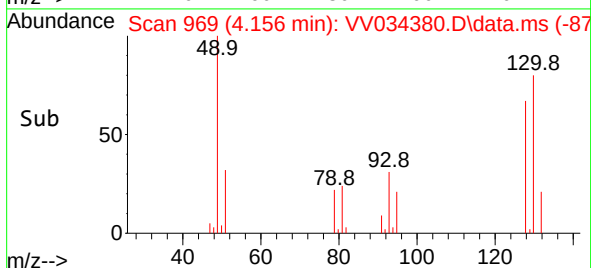
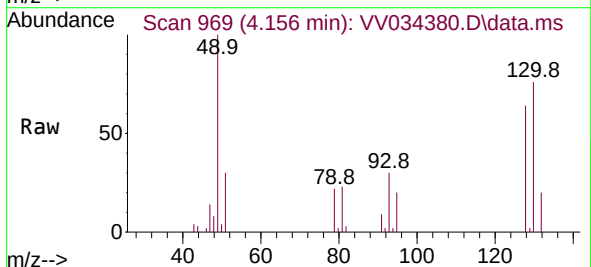
Ion	Ratio	Lower	Upper
96	100		
61	132.2	90.3	167.7
98	69.1	43.2	80.2

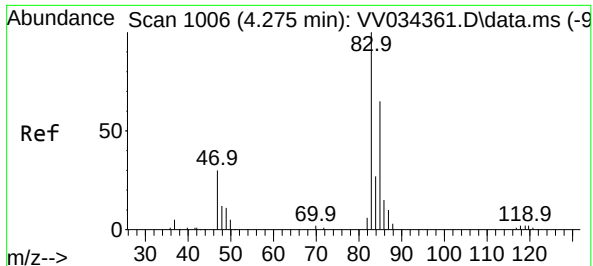


#23
 Bromochloromethane
 Concen: 2.353 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. 0.006 min
 Lab File: VV034380.D
 Acq: 23 Feb 2024 16:59

Tgt Ion: 128 Resp: 8800

Ion	Ratio	Lower	Upper
128	100		
49	155.6	120.5	223.7
130	119.0	93.4	173.4
51	47.4	44.2	66.2





#25

Chloroform

Concen: 2.274 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV034380.D

Acq: 23 Feb 2024 16:59

Instrument :

MSVOA_V

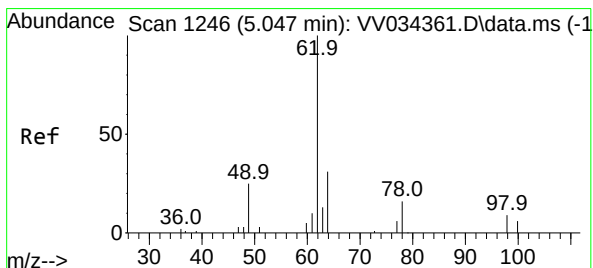
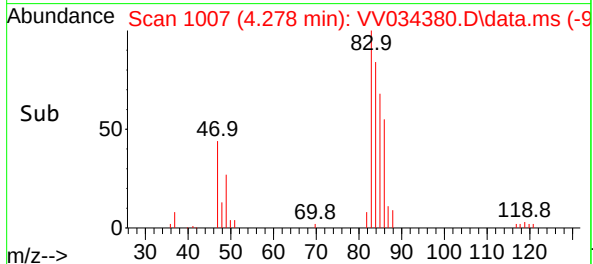
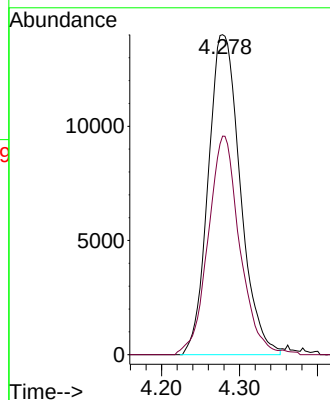
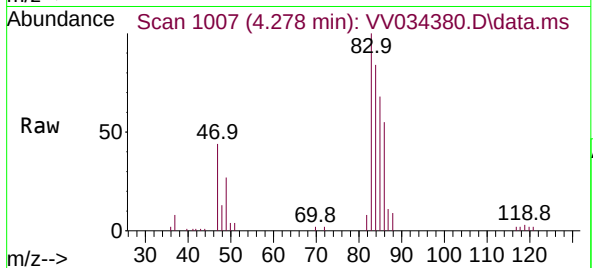
ClientSampleId :

Tgt Ion: 83 Resp: 40047

Ion Ratio Lower Upper

83 100

85 68.3 47.5 88.1



#27

1,2-Dichloroethane

Concen: 2.525 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VV034380.D

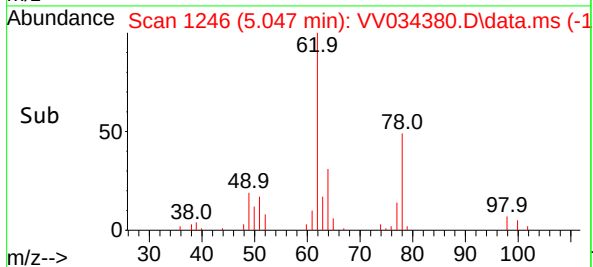
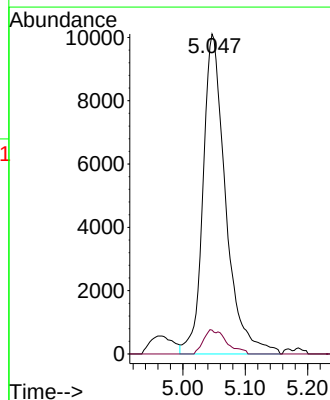
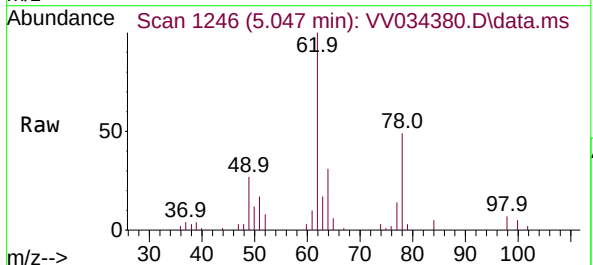
Acq: 23 Feb 2024 16:59

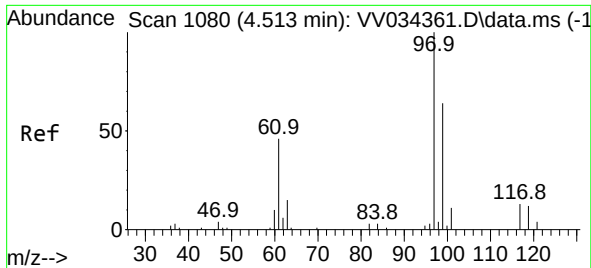
Tgt Ion: 62 Resp: 25463

Ion Ratio Lower Upper

62 100

98 7.5 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 2.241 ug/L

RT: 4.516 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV034380.D

Acq: 23 Feb 2024 16:59

Instrument :

MSVOA_V

ClientSampleId :

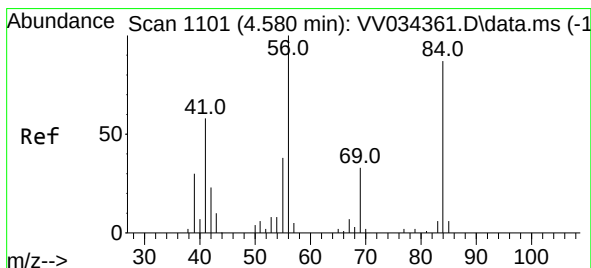
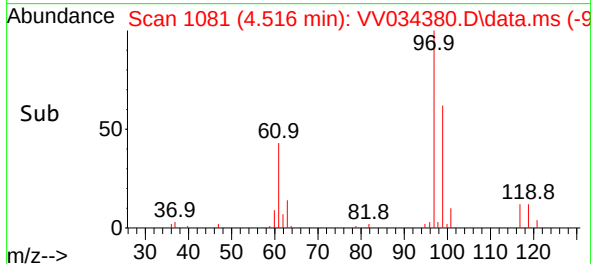
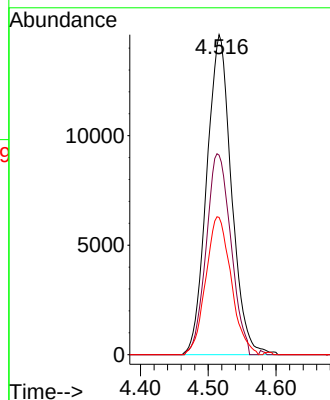
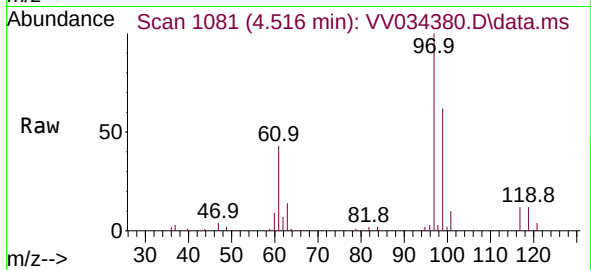
Tgt Ion: 97 Resp: 37025

Ion Ratio Lower Upper

97 100

99 62.6 50.6 75.8

61 44.2 36.8 55.2



#30

Cyclohexane

Concen: 1.927 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV034380.D

Acq: 23 Feb 2024 16:59

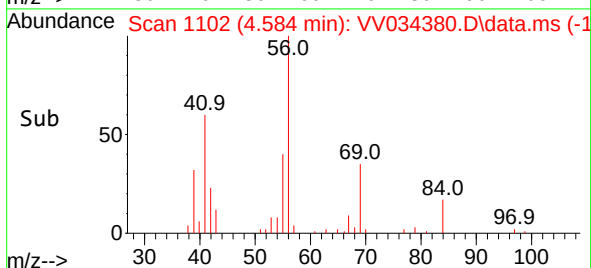
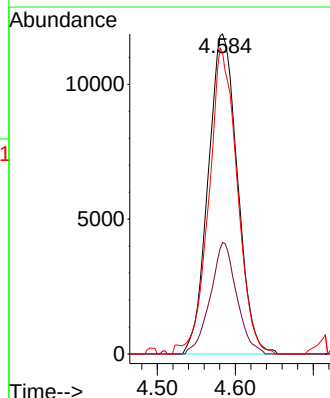
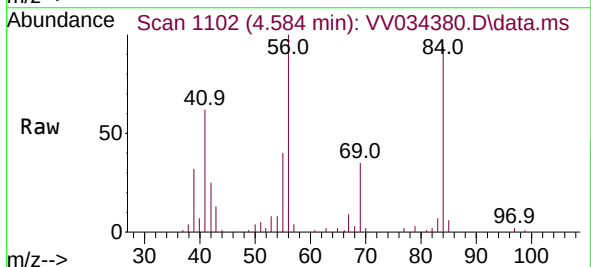
Tgt Ion: 56 Resp: 30960

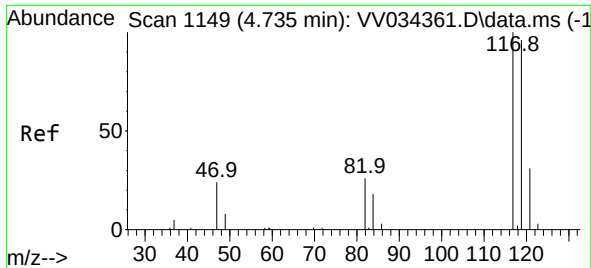
Ion Ratio Lower Upper

56 100

69 31.4 24.2 36.2

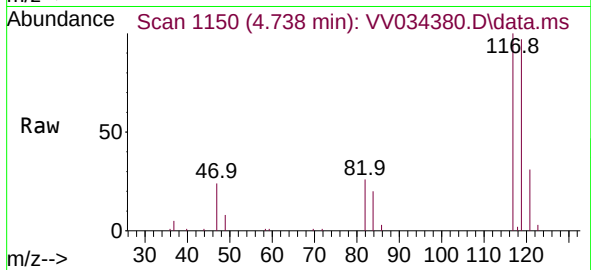
84 92.2 70.0 105.0



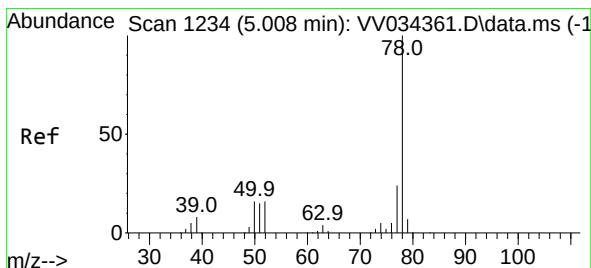
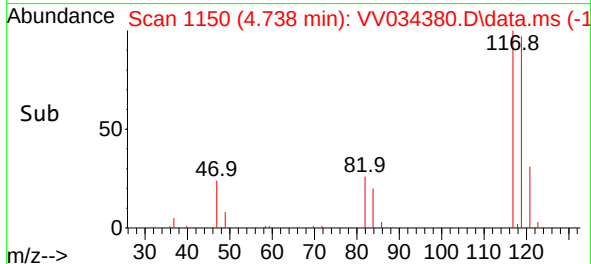
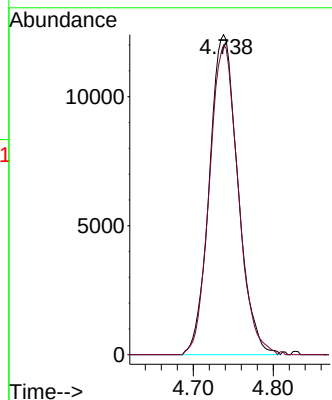


#31
Carbon tetrachloride
Concen: 2.126 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

Instrument :
MSVOA_V
ClientSampleId :

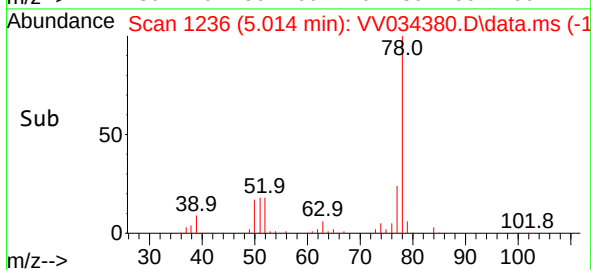
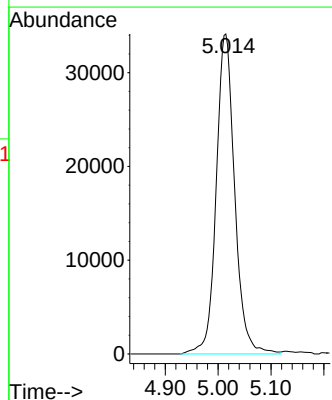
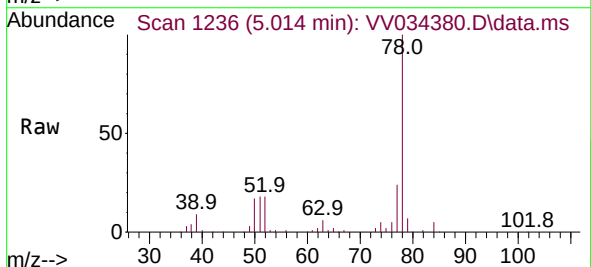


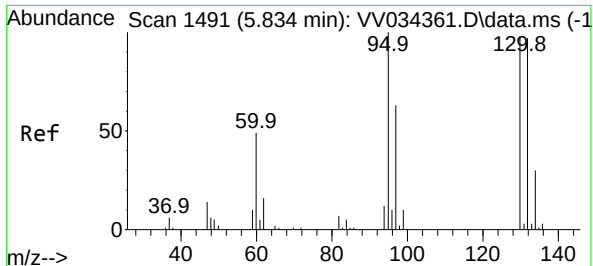
Tgt Ion:117 Resp: 30737
Ion Ratio Lower Upper
117 100
119 97.3 76.1 114.1



#33
Benzene
Concen: 2.246 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

Tgt Ion: 78 Resp: 82895





#34

Trichloroethene

Concen: 2.005 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VV034380.D

Acq: 23 Feb 2024 16:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 21419

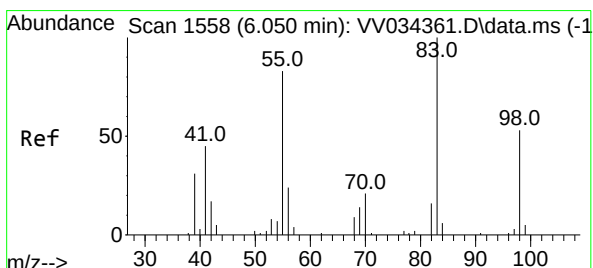
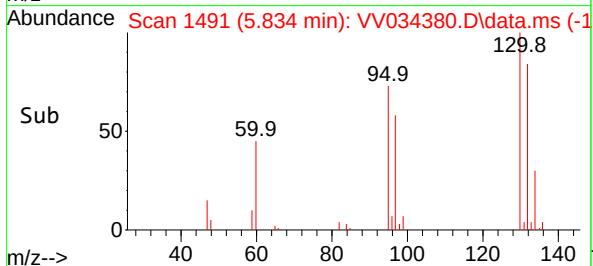
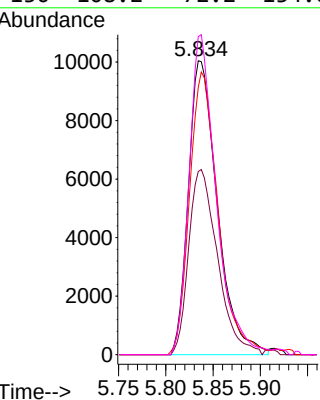
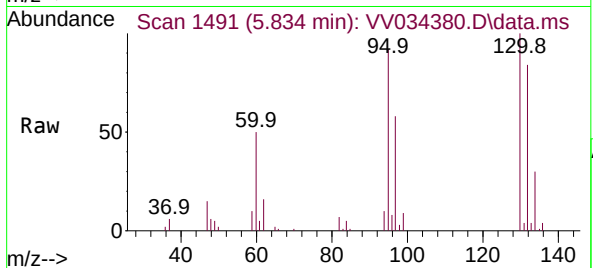
Ion Ratio Lower Upper

95 100

97 62.3 45.1 83.7

132 91.0 66.0 122.6

130 108.2 72.2 134.0



#35

Methylcyclohexane

Concen: 1.957 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.003 min

Lab File: VV034380.D

Acq: 23 Feb 2024 16:59

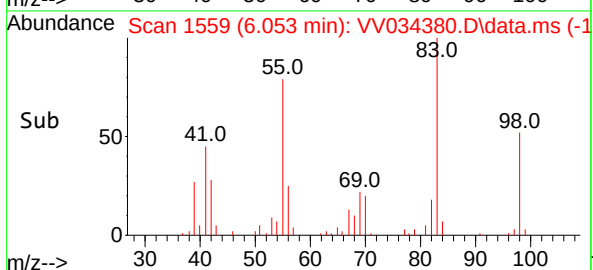
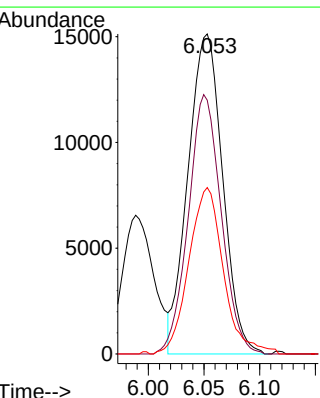
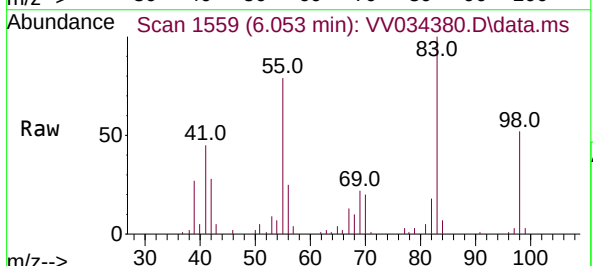
Tgt Ion: 83 Resp: 32815

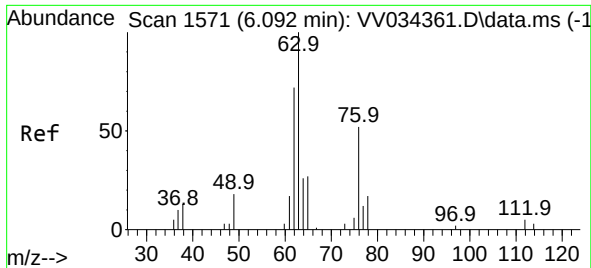
Ion Ratio Lower Upper

83 100

55 77.0 63.5 95.3

98 51.8 39.0 58.4

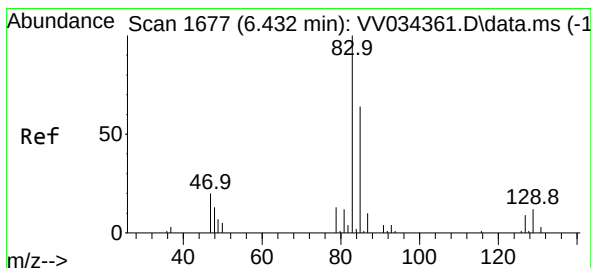
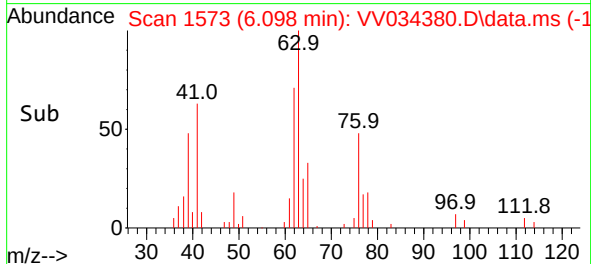
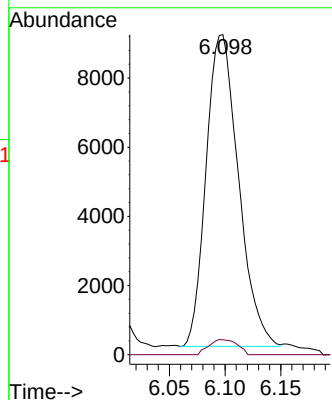
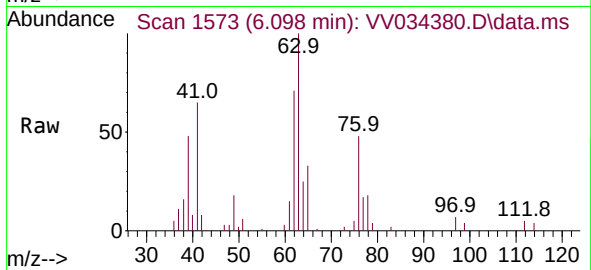




#37
1,2-Dichloropropane
Concen: 2.042 ug/L
RT: 6.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

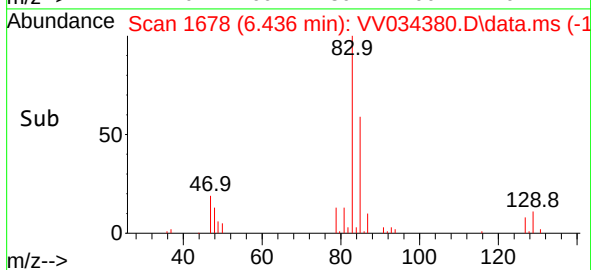
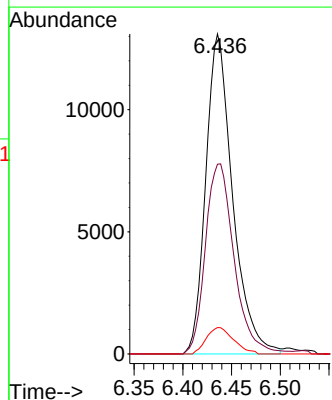
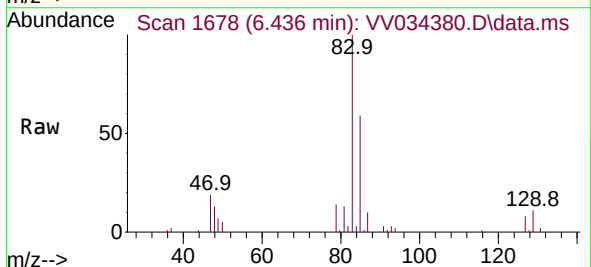
Instrument :
MSVOA_V
ClientSampleId :

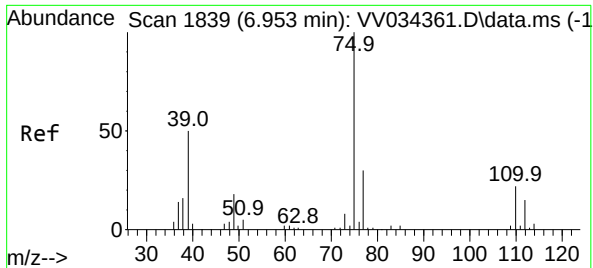
Tgt Ion: 63 Resp: 18256
Ion Ratio Lower Upper
63 100
112 4.2 3.4 5.0



#38
Bromodichloromethane
Concen: 2.138 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.003 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

Tgt Ion: 83 Resp: 25094
Ion Ratio Lower Upper
83 100
85 59.3 45.4 84.2
127 8.2 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 1.536 ug/L

RT: 6.960 min Scan# 1839

Delta R.T. 0.006 min

Lab File: VV034380.D

Acq: 23 Feb 2024 16:59

Instrument :

MSVOA_V

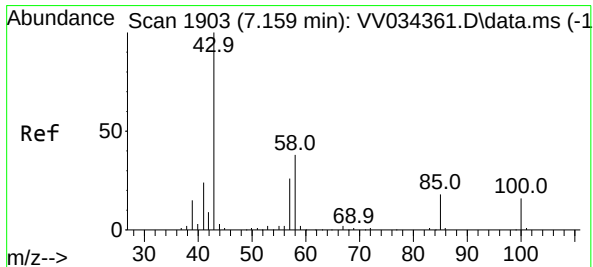
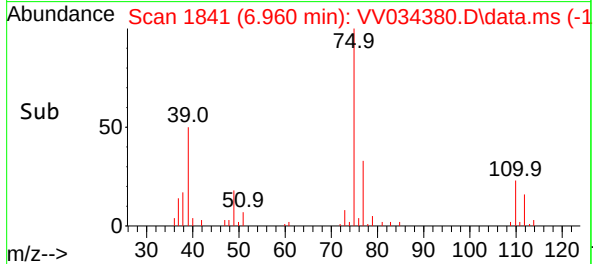
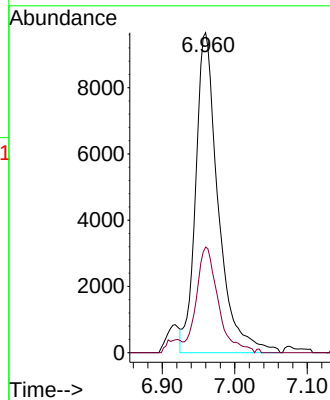
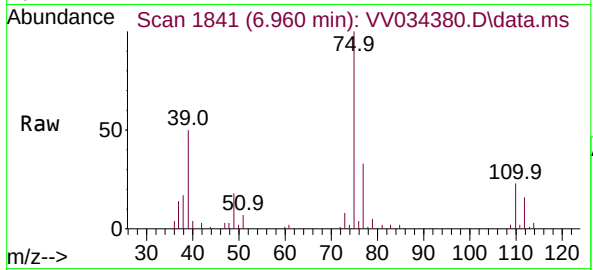
ClientSampleId :

Tgt Ion: 75 Resp: 20892

Ion Ratio Lower Upper

75 100

77 33.0 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 24.830 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV034380.D

Acq: 23 Feb 2024 16:59

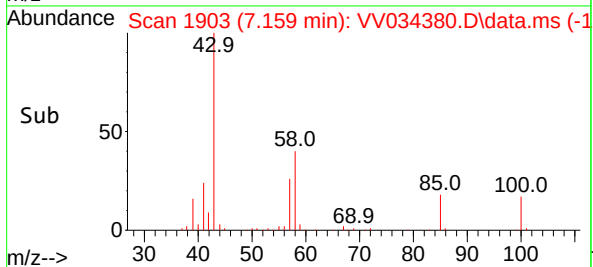
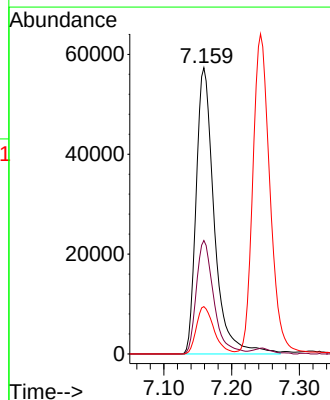
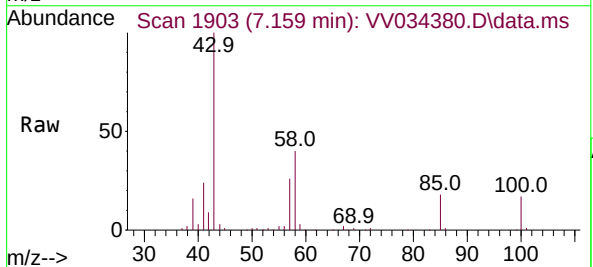
Tgt Ion: 43 Resp: 106309

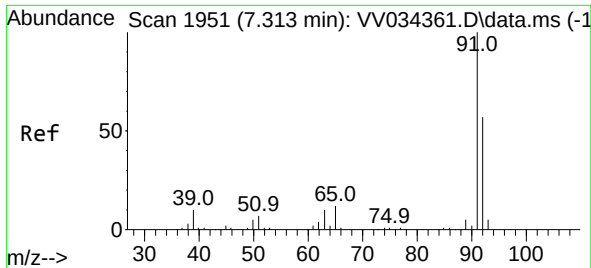
Ion Ratio Lower Upper

43 100

58 38.4 30.2 45.2

100 16.1 12.1 18.1





#42

Toluene

Concen: 2.239 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034380.D

Acq: 23 Feb 2024 16:59

Instrument :

MSVOA_V

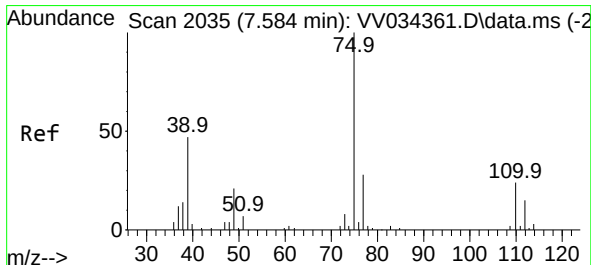
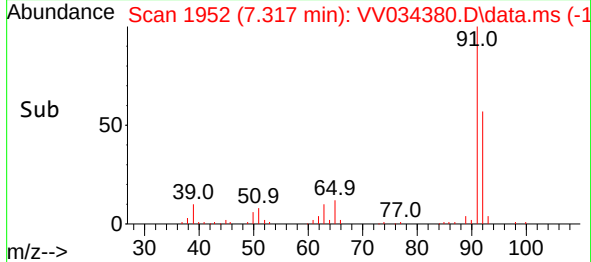
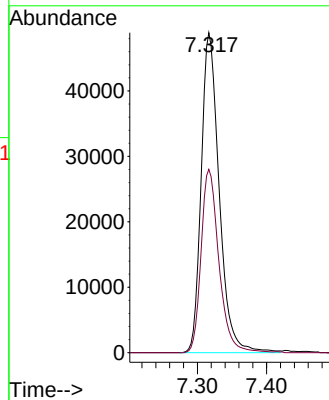
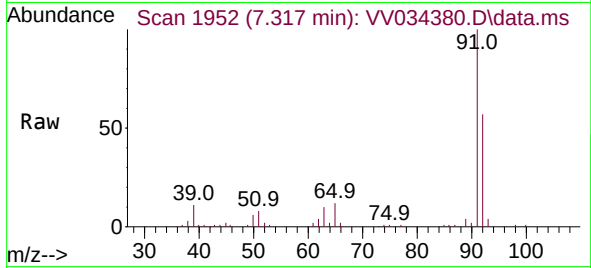
ClientSampleId :

Tgt Ion: 91 Resp: 88317

Ion Ratio Lower Upper

91 100

92 57.3 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 1.453 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.006 min

Lab File: VV034380.D

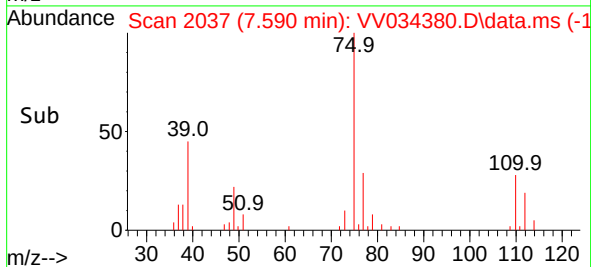
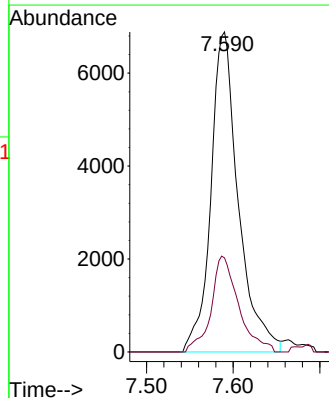
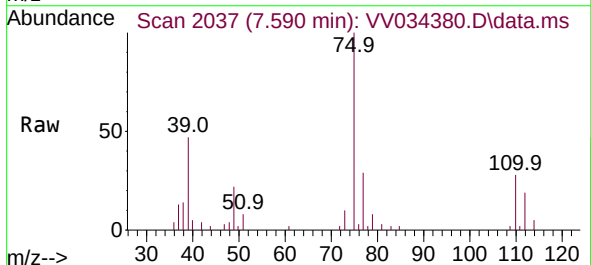
Acq: 23 Feb 2024 16:59

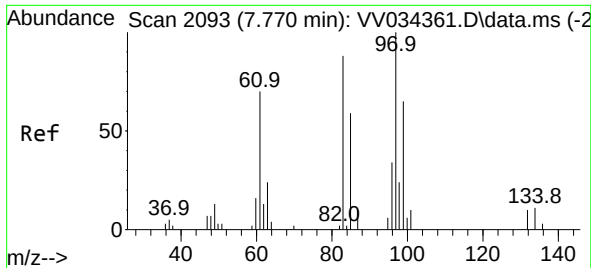
Tgt Ion: 75 Resp: 15180

Ion Ratio Lower Upper

75 100

77 29.4 22.2 41.2



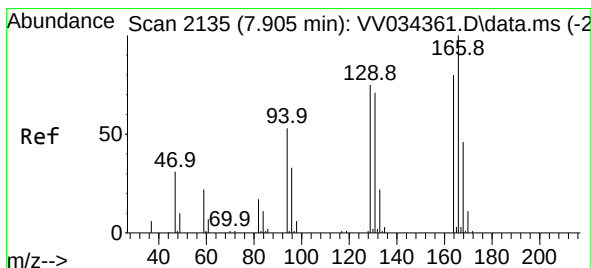
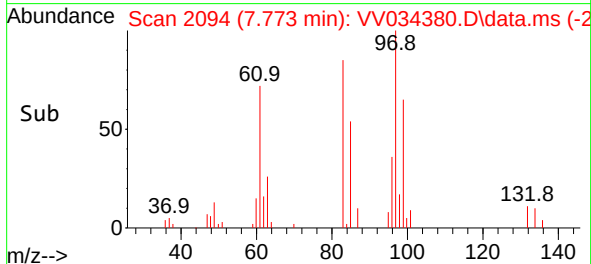
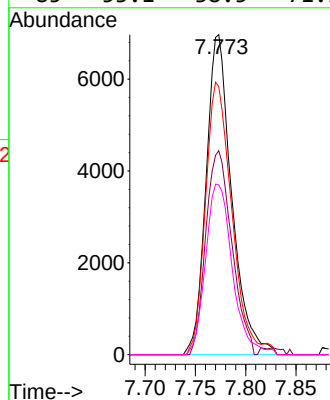
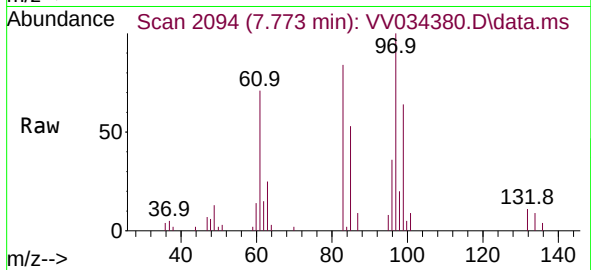


#45
1,1,2-Trichloroethane
Concen: 2.239 ug/L
RT: 7.773 min Scan# 2093
Delta R.T. 0.003 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 12362

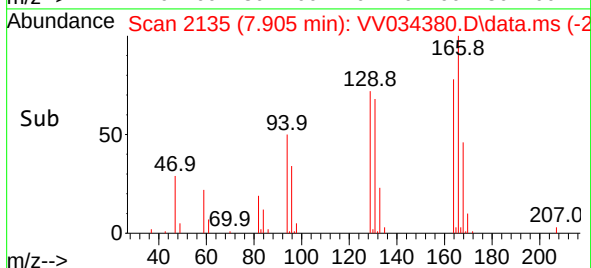
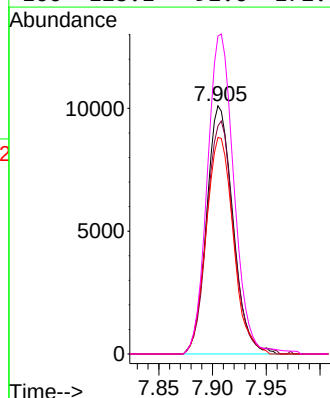
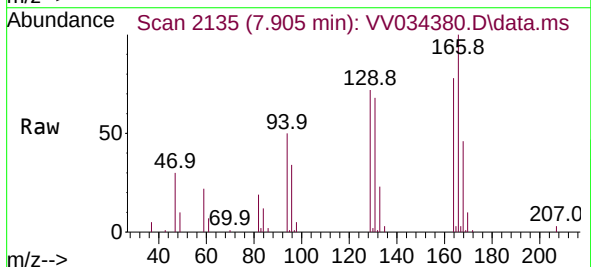
Ion	Ratio	Lower	Upper
97	100		
99	63.8	45.6	84.6
83	83.7	62.3	115.7
85	53.1	38.5	71.5

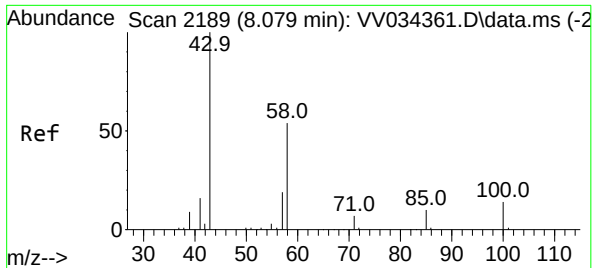


#47
Tetrachloroethene
Concen: 1.993 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

Tgt Ion: 164 Resp: 17301

Ion	Ratio	Lower	Upper
164	100		
129	91.9	67.8	125.8
131	87.2	63.0	117.0
166	128.1	92.6	172.0

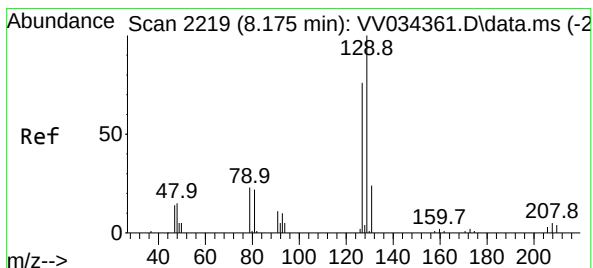
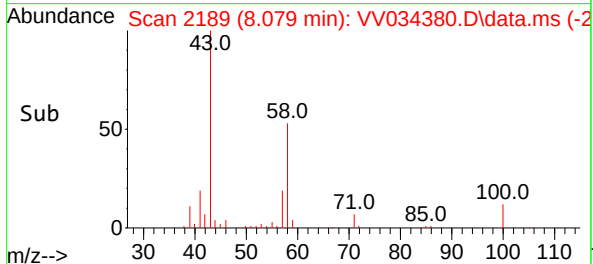
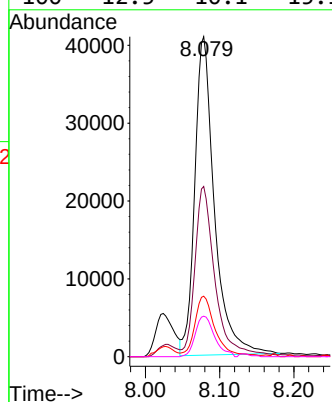
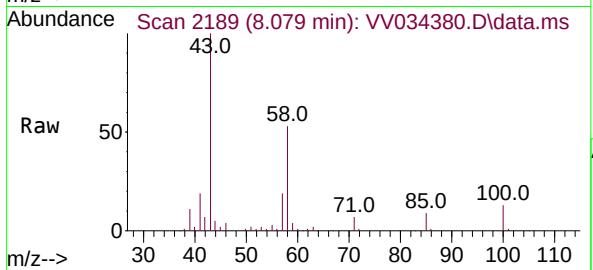




#48
2-Hexanone
Concen: 25.035 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

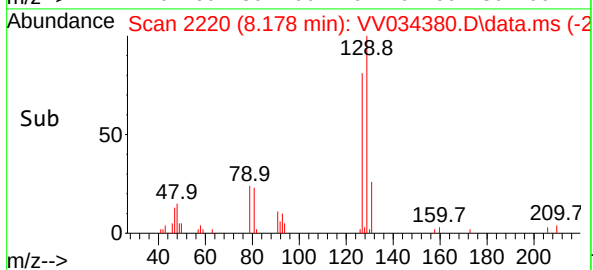
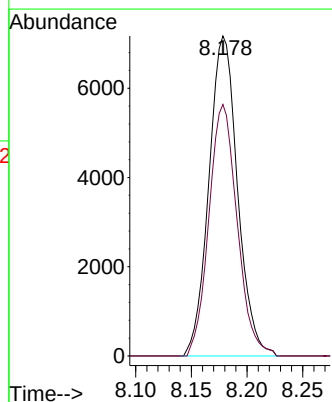
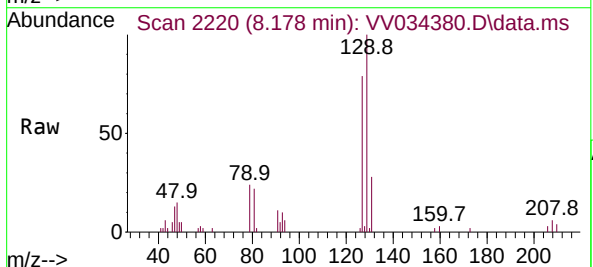
Instrument :
MSVOA_V
ClientSampleId :

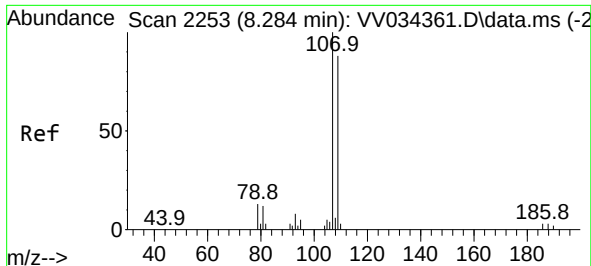
Tgt Ion: 43	Resp: 75554
Ion Ratio	Lower Upper
43 100	
58 53.2	42.6 64.0
57 18.9	15.5 23.3
100 12.5	10.1 15.1



#49
Dibromochloromethane
Concen: 1.958 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

Tgt Ion:129	Resp:	12844	
Ion	Ratio	Lower	Upper
129	100		
127	78.6	53.5	99.5

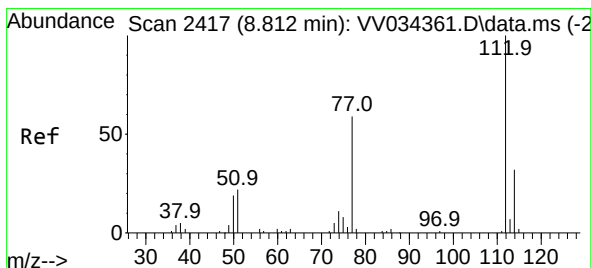
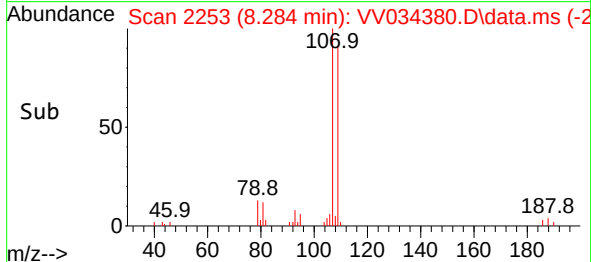
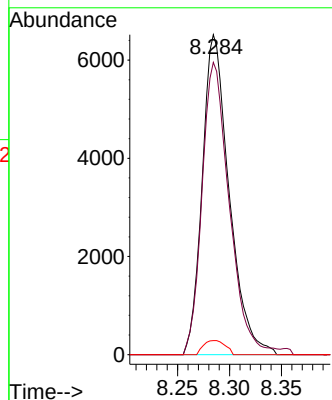
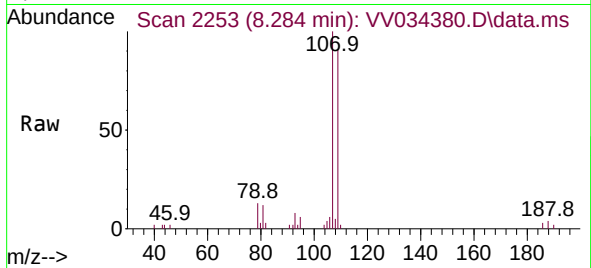




#50
1,2-Dibromoethane
Concen: 2.374 ug/L
RT: 8.284 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

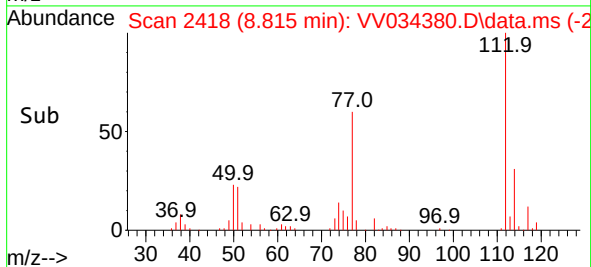
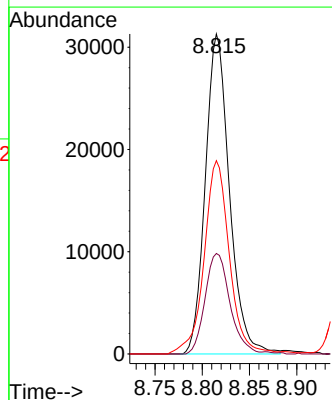
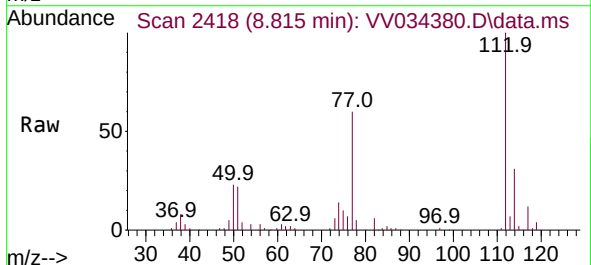
Instrument :
MSVOA_V
ClientSampleId :

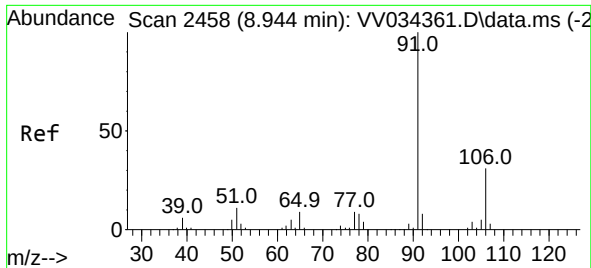
Tgt Ion:107 Resp: 11762
Ion Ratio Lower Upper
107 100
109 91.4 64.5 119.9
188 4.4 2.6 4.0#



#51
Chlorobenzene
Concen: 2.229 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

Tgt Ion:112 Resp: 55590
Ion Ratio Lower Upper
112 100
114 31.4 22.5 41.7
77 60.4 48.1 72.1

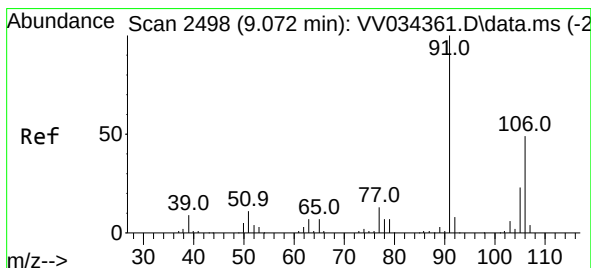
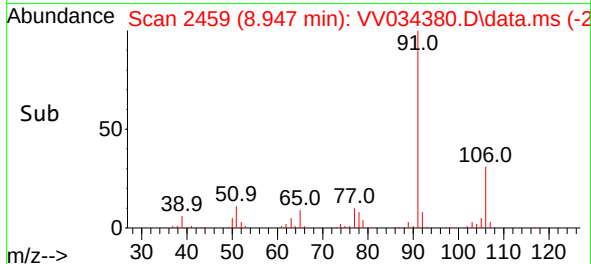
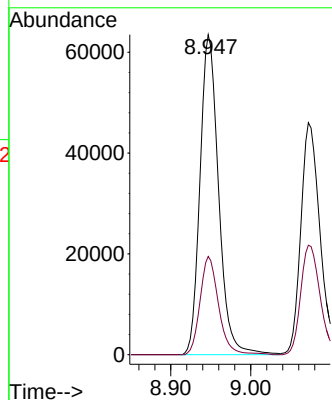
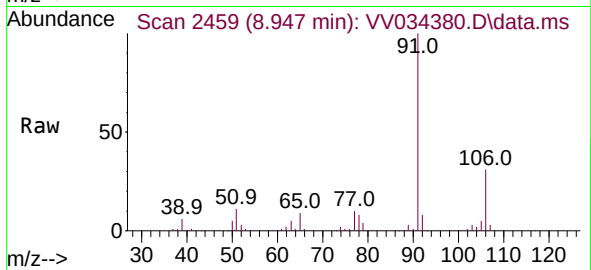




#52
Ethylbenzene
Concen: 2.265 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

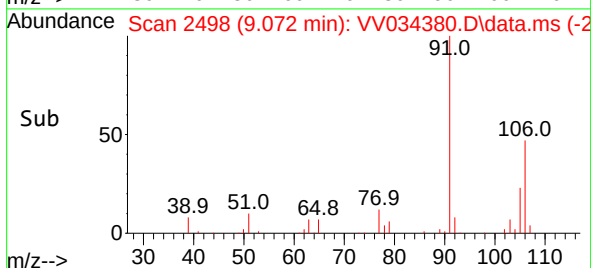
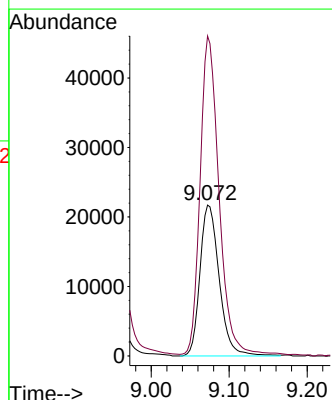
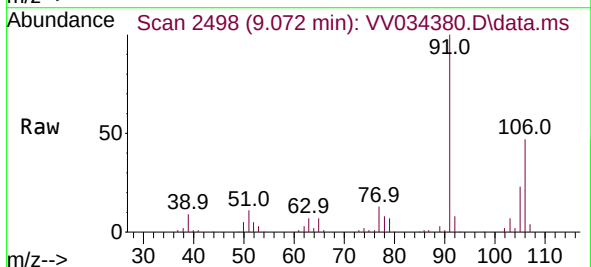
Instrument :
MSVOA_V
ClientSampleId :

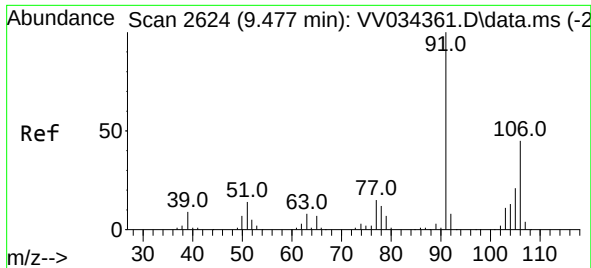
Tgt Ion: 91 Resp: 102828
Ion Ratio Lower Upper
91 100
106 30.7 21.4 39.8



#53
m,p-Xylene
Concen: 2.173 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

Tgt Ion:106 Resp: 37289
Ion Ratio Lower Upper
106 100
91 212.1 147.5 273.9

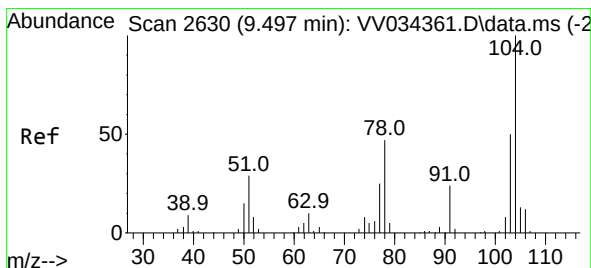
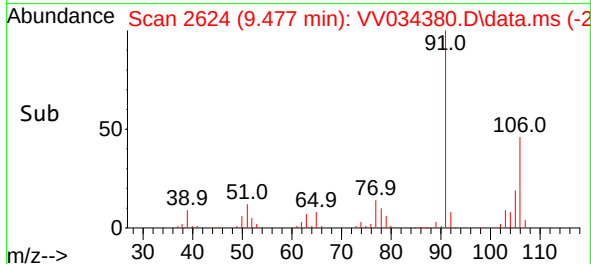
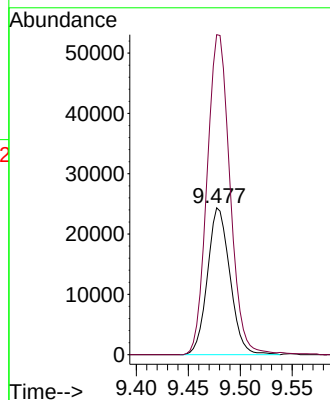
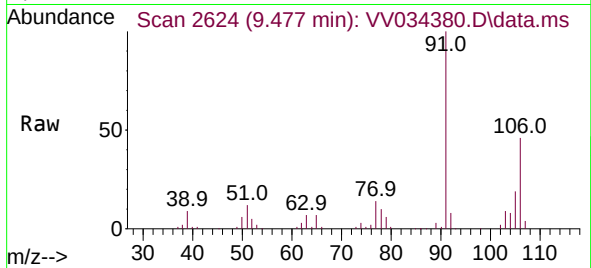




#54
o-Xylene
Concen: 2.215 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

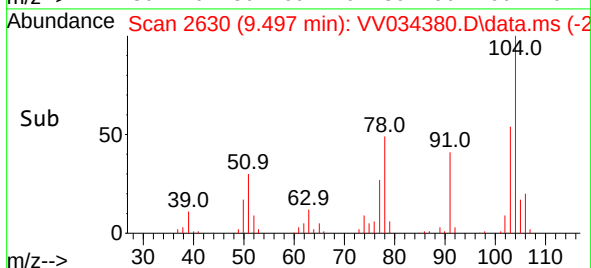
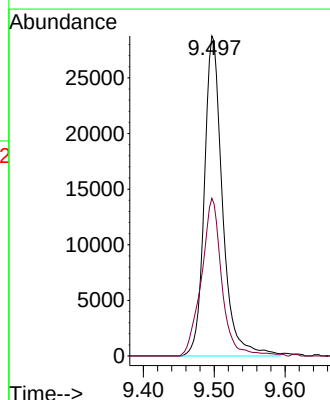
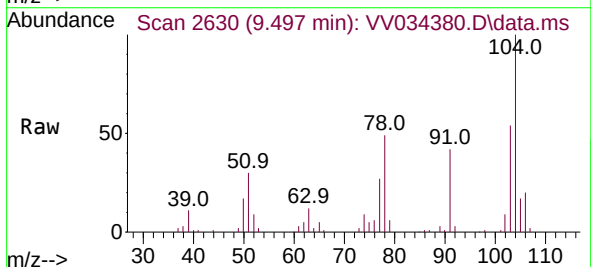
Instrument :
MSVOA_V
ClientSampleId :

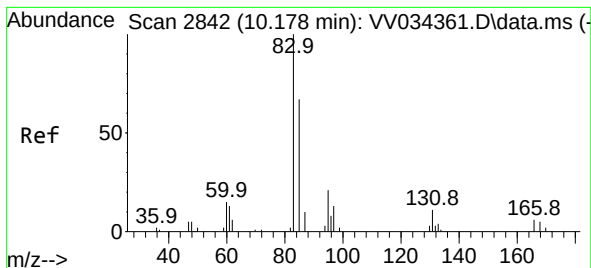
Tgt Ion:106 Resp: 36643
Ion Ratio Lower Upper
106 100
91 217.8 156.2 290.0



#55
Styrene
Concen: 1.935 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

Tgt Ion:104 Resp: 51260
Ion Ratio Lower Upper
104 100
78 49.2 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 2.598 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. -0.000 min

Lab File: VV034380.D

Acq: 23 Feb 2024 16:59

Instrument :

MSVOA_V

ClientSampleId :

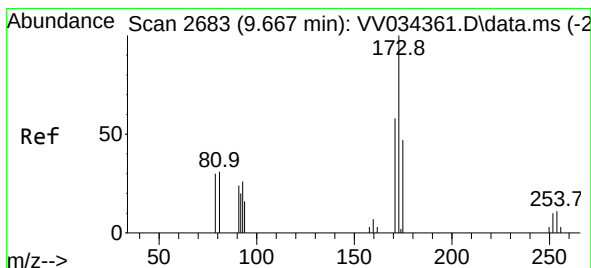
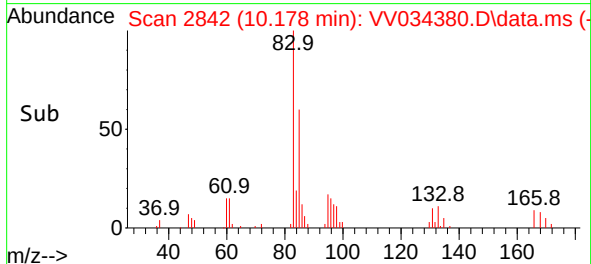
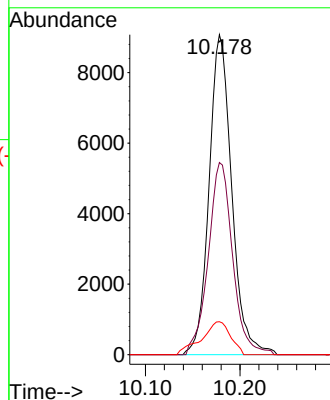
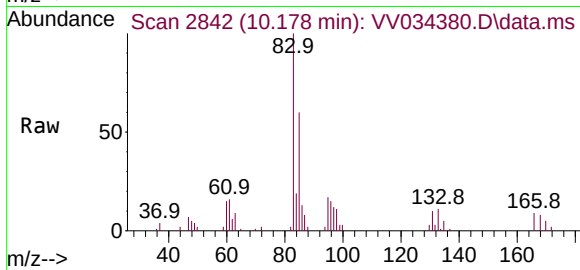
Tgt Ion: 83 Resp: 15140

Ion Ratio Lower Upper

83 100

85 60.1 46.5 86.3

131 10.3 8.4 12.6



#59

Bromoform

Concen: 1.354 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. -0.000 min

Lab File: VV034380.D

Acq: 23 Feb 2024 16:59

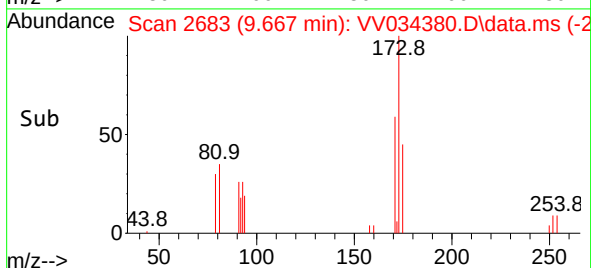
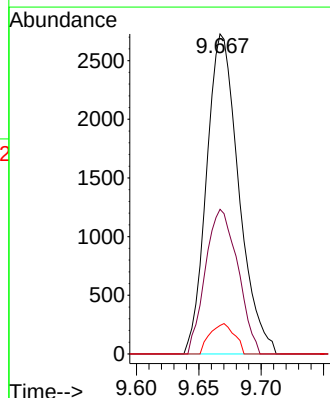
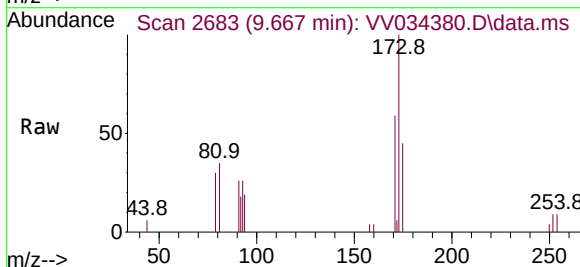
Tgt Ion: 173 Resp: 4900

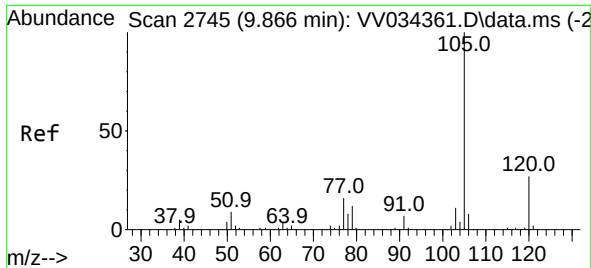
Ion Ratio Lower Upper

173 100

175 45.4 38.6 57.8

254 7.3 7.2 10.8

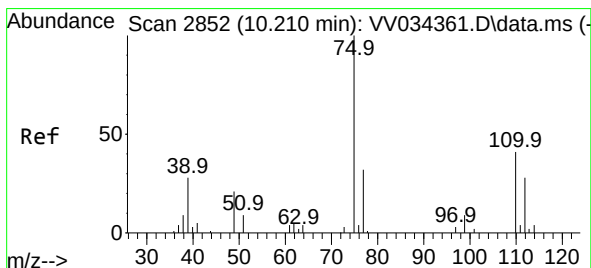
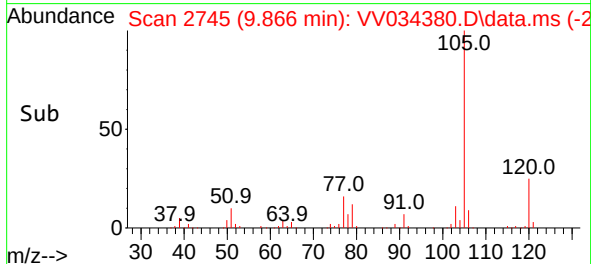
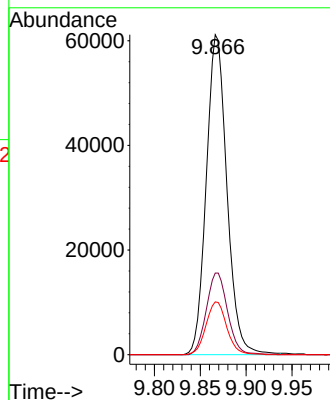
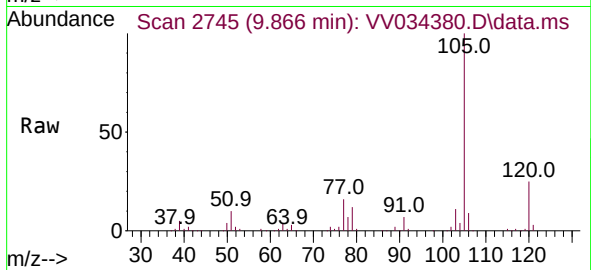




#60
Isopropylbenzene
Concen: 1.971 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

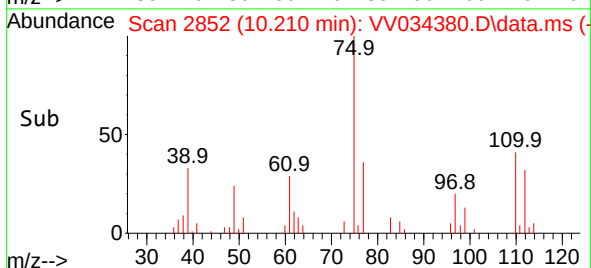
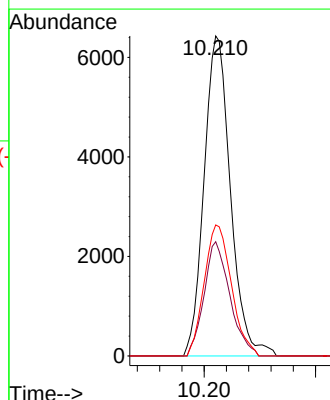
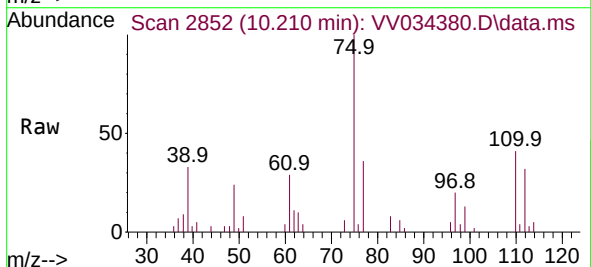
Instrument :
MSVOA_V
ClientSampleId :

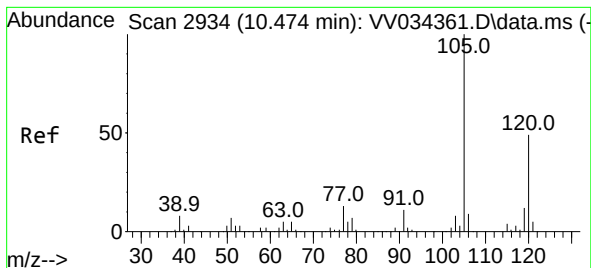
Tgt Ion:105 Resp: 95819
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1
77 16.7 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 2.341 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

Tgt Ion: 75 Resp: 10575
Ion Ratio Lower Upper
75 100
77 34.9 26.9 40.3
110 42.2 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 2.034 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV034380.D

Acq: 23 Feb 2024 16:59

Instrument :

MSVOA_V

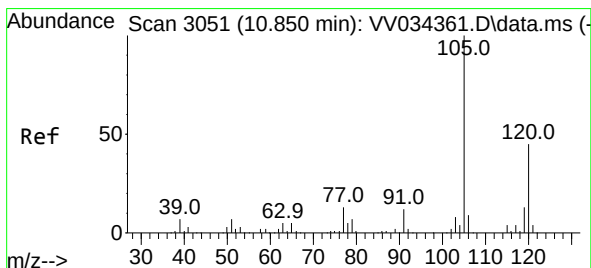
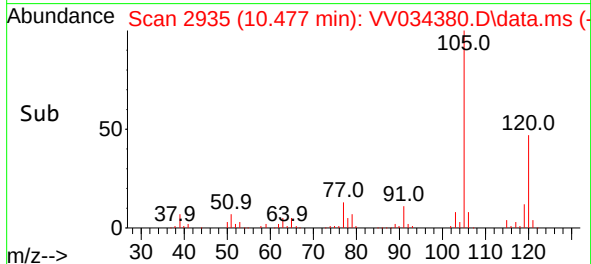
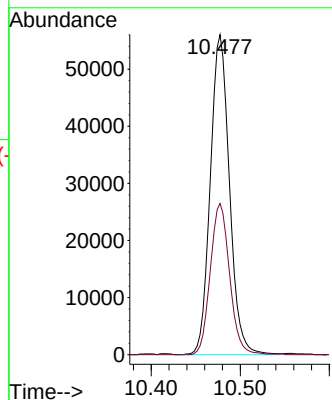
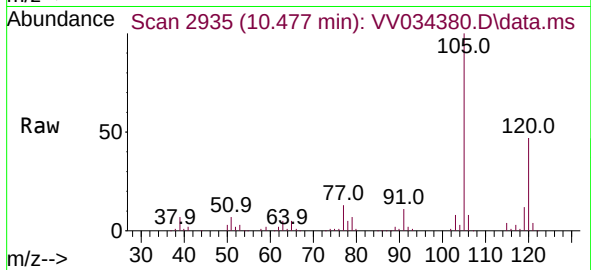
ClientSampleId :

Tgt Ion:105 Resp: 83572

Ion Ratio Lower Upper

105 100

120 47.7 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 2.090 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV034380.D

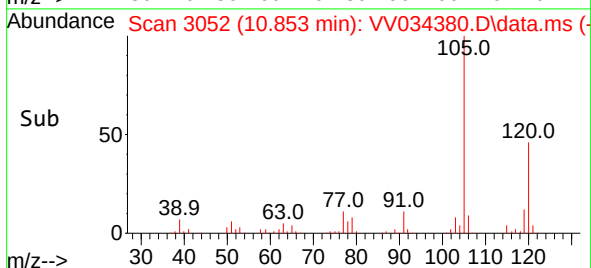
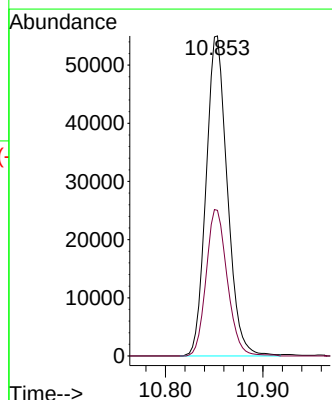
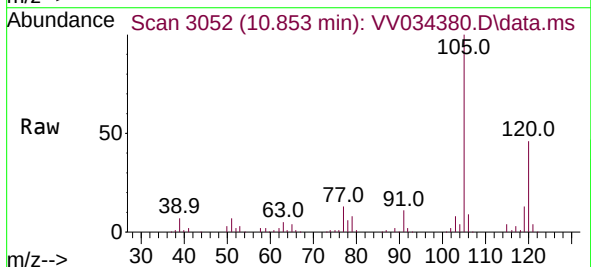
Acq: 23 Feb 2024 16:59

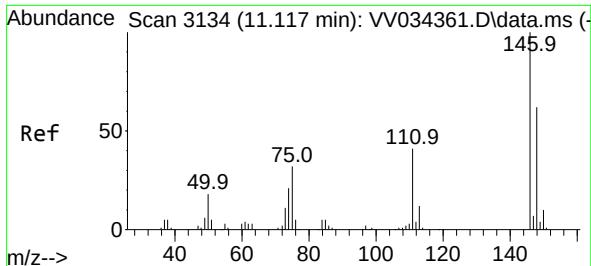
Tgt Ion:105 Resp: 83467

Ion Ratio Lower Upper

105 100

120 45.5 36.2 54.2

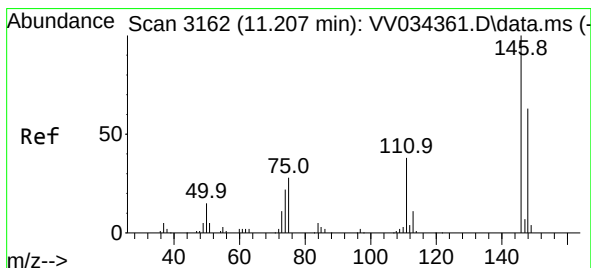
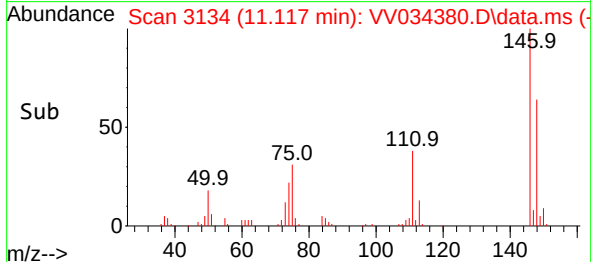
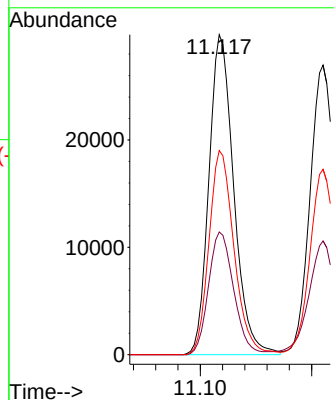
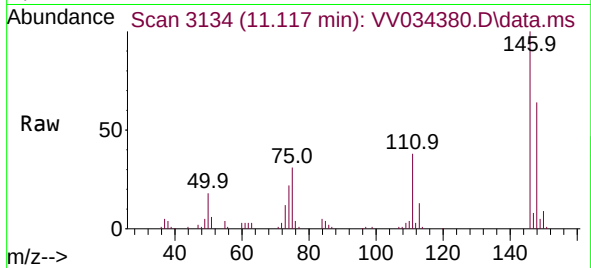




#64
1,3-Dichlorobenzene
Concen: 2.177 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

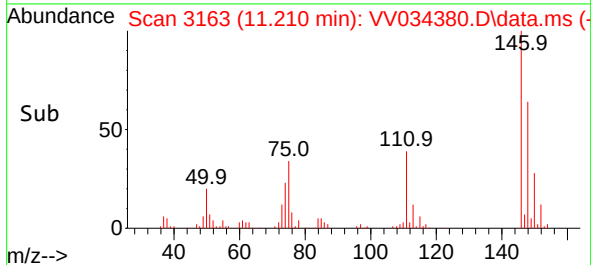
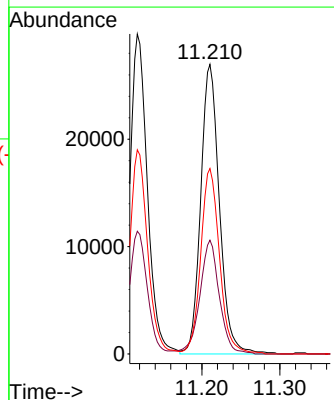
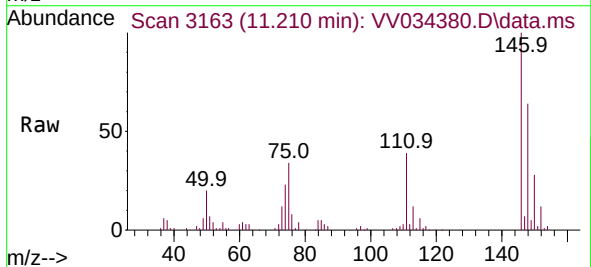
Instrument :
MSVOA_V
ClientSampleId :

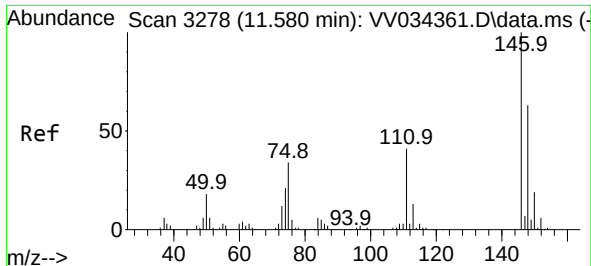
Tgt Ion:146 Resp: 46151
Ion Ratio Lower Upper
146 100
111 38.4 28.5 52.9
148 63.8 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 2.144 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

Tgt Ion:146 Resp: 45003
Ion Ratio Lower Upper
146 100
111 39.3 27.6 51.4
148 64.0 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 2.289 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034380.D

Acq: 23 Feb 2024 16:59

Instrument :

MSVOA_V

ClientSampleId :

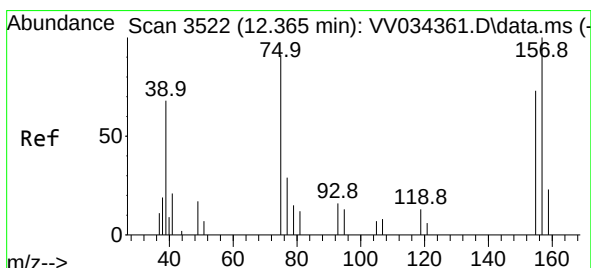
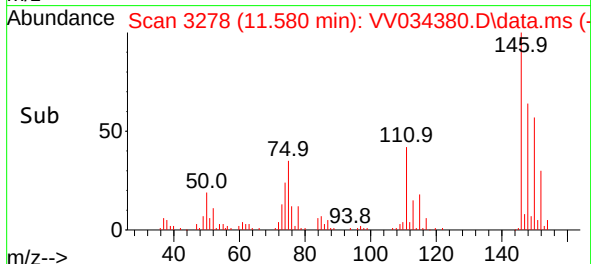
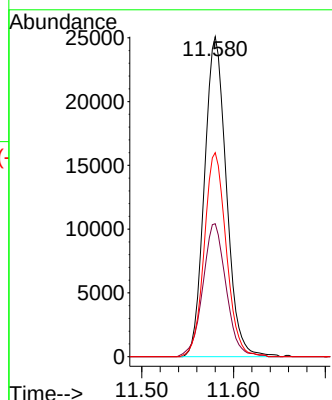
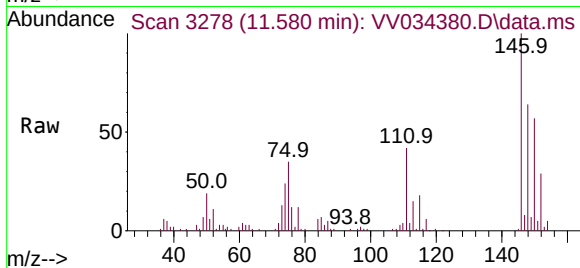
Tgt Ion:146 Resp: 41662

Ion Ratio Lower Upper

146 100

111 41.6 31.2 46.8

148 63.8 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 2.081 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.003 min

Lab File: VV034380.D

Acq: 23 Feb 2024 16:59

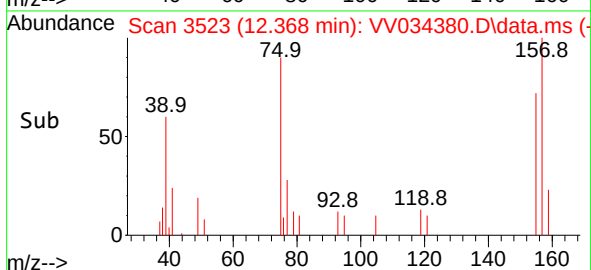
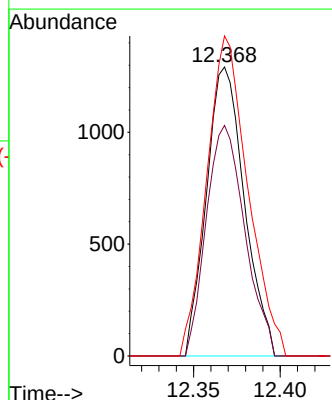
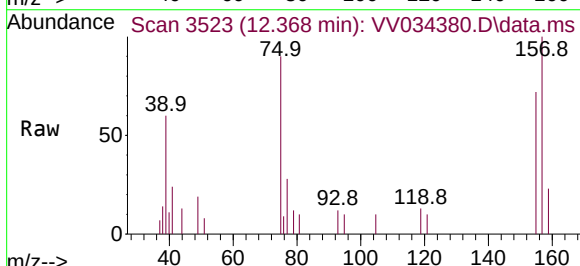
Tgt Ion: 75 Resp: 1970

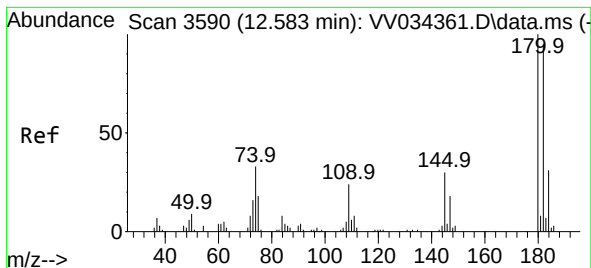
Ion Ratio Lower Upper

75 100

155 79.8 68.9 103.3

157 110.8 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 2.109 ug/L

RT: 12.583 min Scan# 31

Delta R.T. -0.000 min

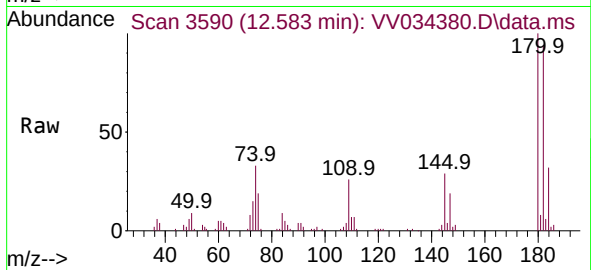
Lab File: VV034380.D

Acq: 23 Feb 2024 16:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 34600

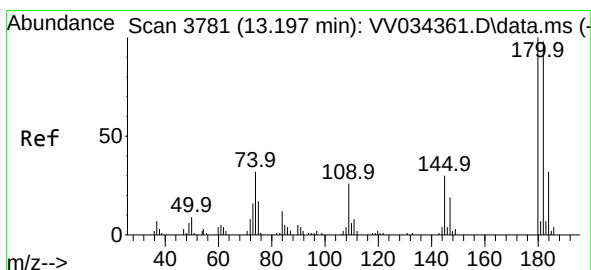
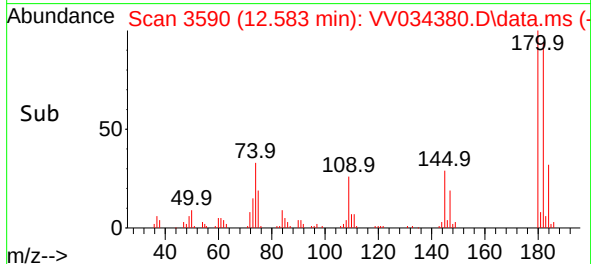
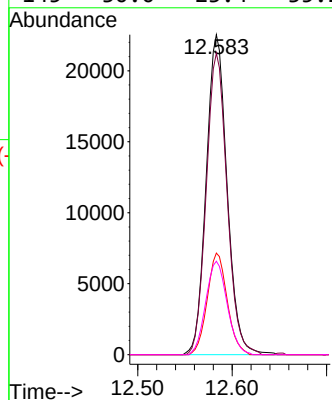
Ion Ratio Lower Upper

180 100

182 93.8 77.0 115.4

184 30.4 23.8 35.6

145 30.0 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 2.198 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV034380.D

Acq: 23 Feb 2024 16:59

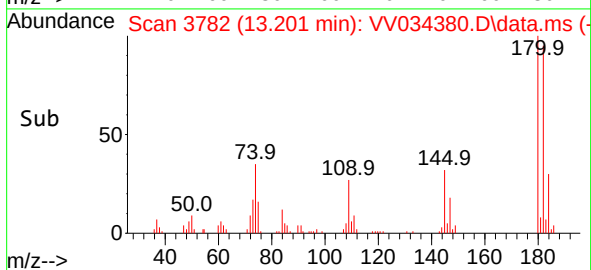
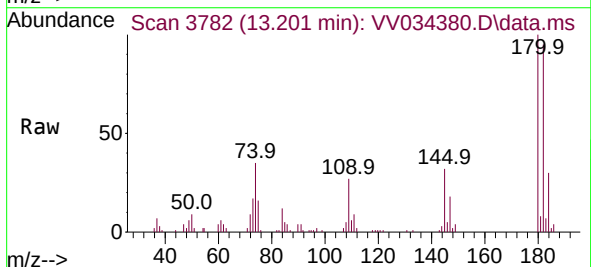
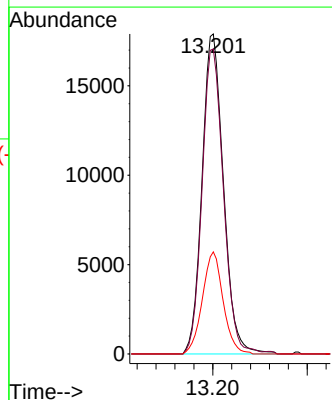
Tgt Ion:180 Resp: 28144

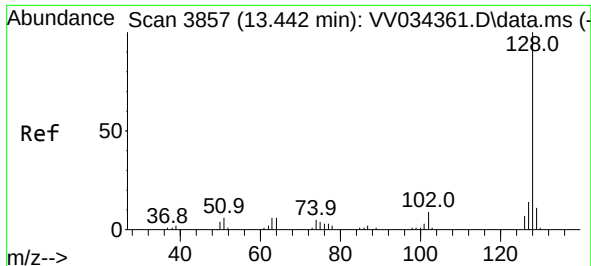
Ion Ratio Lower Upper

180 100

182 94.7 76.8 115.2

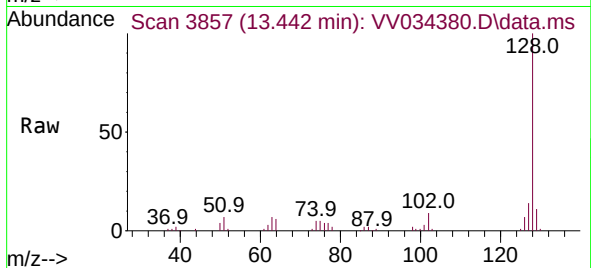
145 30.9 24.8 37.2



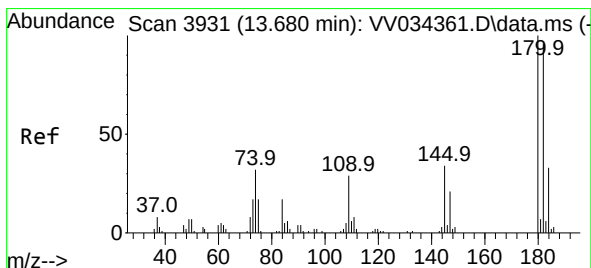
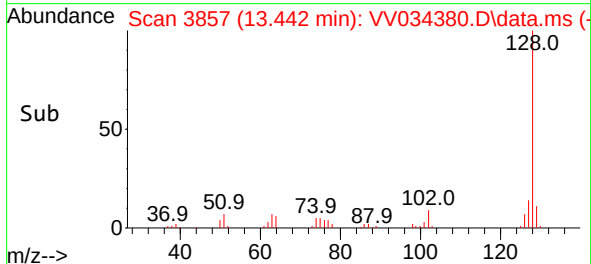
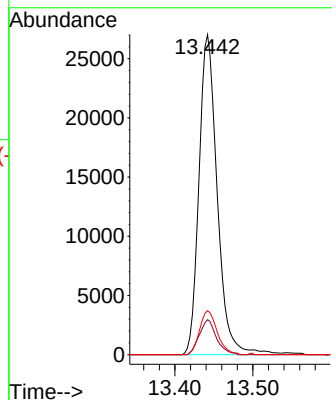


#71
Naphthalene
Concen: 2.619 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.000 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 43940
Ion Ratio Lower Upper
128 100
129 10.3 8.5 12.7
127 13.2 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 2.398 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV034380.D
Acq: 23 Feb 2024 16:59

Tgt Ion:180 Resp: 24607
Ion Ratio Lower Upper
180 100
182 95.8 75.0 112.6
145 31.4 25.2 37.8

