

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022724\
 Data File : VW034434.D
 Acq On : 27 Feb 2024 09:05
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 28 03:50:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 27 05:05:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	143596	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	135882	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	71774	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	41161	4.938	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.800%	
7) Chloroethane-d5	1.532	69	36224	4.921	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.400%	
11) 1,1-Dichloroethene-d2	2.060	65	18494	4.766	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.400%	
20) 2-Butanone-d5	3.809	46	119054	54.627	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.260%	
24) Chloroform-d	4.249	84	87178	5.209	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
26) 1,2-Dichloroethane-d4	4.944	65	43276	5.081	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.600%	
32) Benzene-d6	4.960	84	148021	4.842	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
36) 1,2-Dichloropropane-d6	5.989	67	44246	4.848	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.000%	
41) Toluene-d8	7.243	98	132751	4.843	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.800%	
43) trans-1,3-Dichloroprop...	7.555	79	18000	5.294	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	105.800%	
46) 2-Hexanone-d5	8.024	63	100068	52.048	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.100%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	37013	5.123	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.400%	
66) 1,2-Dichlorobenzene-d4	11.561	152	52459	4.811	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	50629	5.586	ug/L	96
3) Chloromethane	1.214	50	57952	5.387	ug/L	98
5) Vinyl chloride	1.282	62	56907	5.350	ug/L	99
6) Bromomethane	1.487	94	30241	5.009	ug/L	99
8) Chloroethane	1.548	64	37065	4.926	ug/L	97
9) Trichlorofluoromethane	1.712	101	95165	5.496	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	51898	5.557	ug/L	99
12) 1,1-Dichloroethene	2.069	96	49148	5.465	ug/L	87
13) Acetone	2.143	43	104535	47.159	ug/L	98
14) Carbon disulfide	2.240	76	133918	5.558	ug/L	98
15) Methyl Acetate	2.388	43	20138	5.296	ug/L	95
16) Methylene chloride	2.446	84	53790	5.237	ug/L	95
17) Methyl tert-butyl Ether	2.703	73	127485	5.453	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	49457	5.408	ug/L	98
19) 1,1-Dichloroethane	3.111	63	95662	5.435	ug/L	97
21) 2-Butanone	3.889	43	133934	55.038	ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	53998	5.370	ug/L	96
23) Bromochloromethane	4.150	128	23636	5.638	ug/L	98
25) Chloroform	4.275	83	99775	5.458	ug/L	96

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 ALS Vial : 2 Sample Multiplier: 1

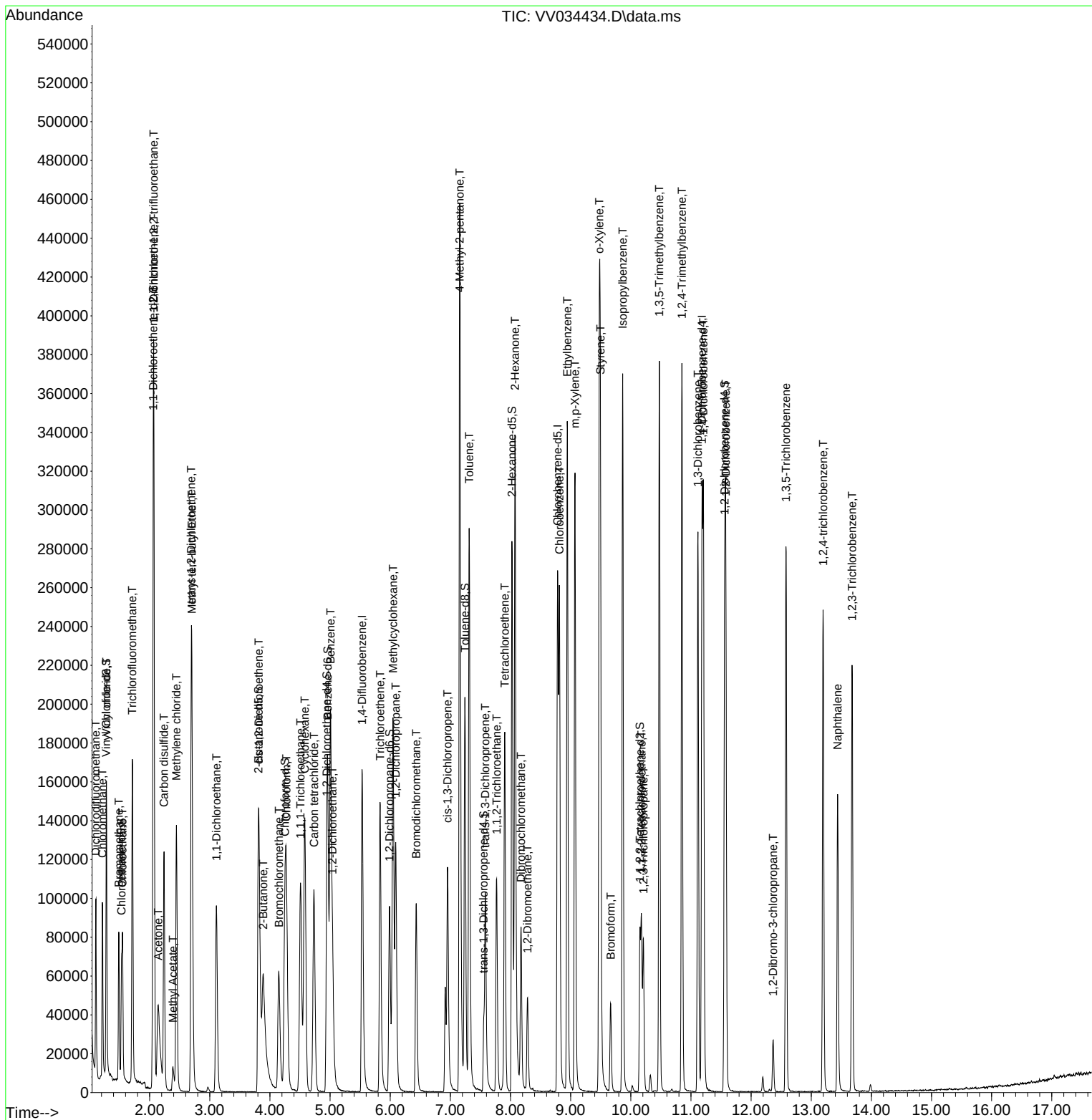
Instrument :
 MSVOA_V
 ClientSampleId :

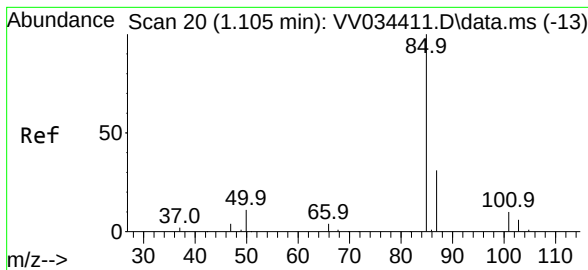
Quant Time: Feb 28 03:50:42 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	60825	5.452	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	90021	5.296	ug/L	99
30) Cyclohexane	4.580	56	77225	5.282	ug/L	98
31) Carbon tetrachloride	4.735	117	78741	5.338	ug/L	98
33) Benzene	5.008	78	195517	5.199	ug/L	100
34) Trichloroethene	5.834	95	53148	5.412	ug/L	99
35) Methylcyclohexane	6.047	83	79309	5.144	ug/L	97
37) 1,2-Dichloropropane	6.092	63	49037	5.275	ug/L	99
38) Bromodichloromethane	6.432	83	65341	5.158	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	71788	5.572	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	312653	54.366	ug/L	100
42) Toluene	7.313	91	210386	5.325	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	59727	5.709	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	33586	5.312	ug/L	96
47) Tetrachloroethene	7.905	164	40436	5.248	ug/L	95
48) 2-Hexanone	8.075	43	224419	54.789	ug/L	97
49) Dibromochloromethane	8.175	129	40134	5.452	ug/L	97
50) 1,2-Dibromoethane	8.281	107	30940	5.231	ug/L	96
51) Chlorobenzene	8.815	112	132673	5.169	ug/L	97
52) Ethylbenzene	8.944	91	234615	5.272	ug/L	100
53) m,p-Xylene	9.072	106	87055	5.264	ug/L	96
54) o-Xylene	9.477	106	86697	5.251	ug/L	100
55) Styrene	9.497	104	145615	5.484	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	40286	5.326	ug/L	97
59) Bromoform	9.667	173	19915	5.434	ug/L	99
60) Isopropylbenzene	9.866	105	227743	5.301	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	29894	5.398	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	195438	5.212	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	197432	5.257	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	110497	5.295	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	106926	5.163	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	102648	5.248	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	7162	5.119	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	83492	5.215	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	72524	5.189	ug/L	99
71) Naphthalene	13.439	128	117703	4.929	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	64559	5.157	ug/L	98

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

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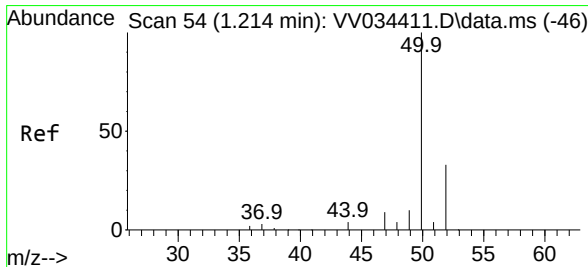
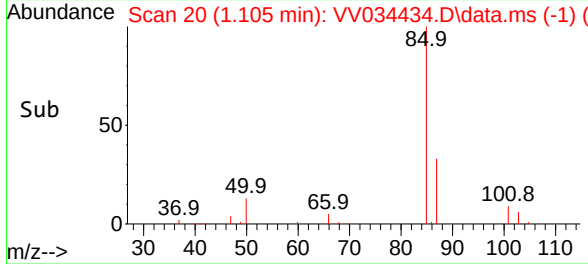
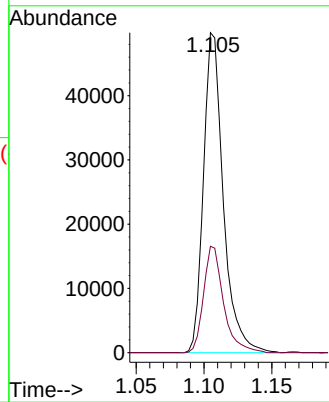
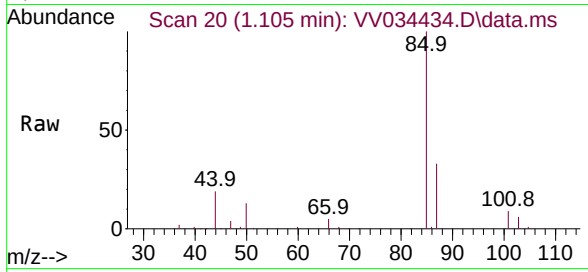




#2
Dichlorodifluoromethane
Concen: 5.586 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

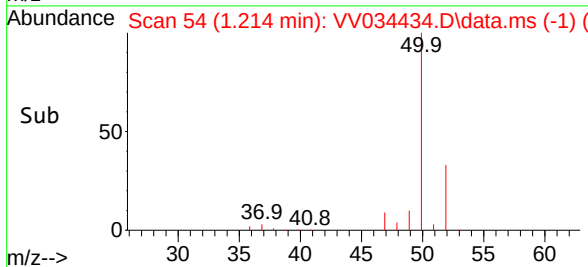
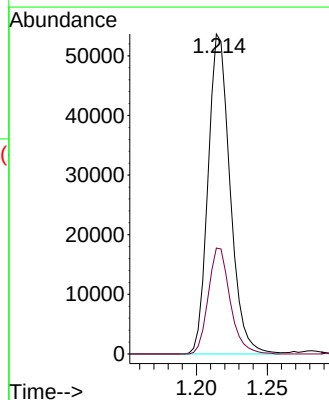
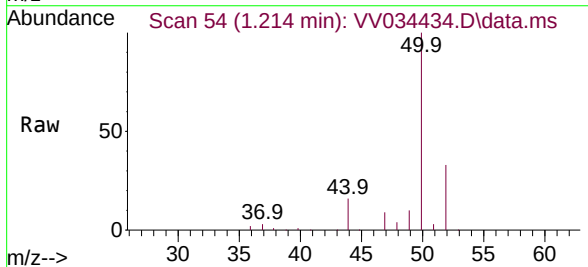
Instrument :
MSVOA_V
ClientSampleId :

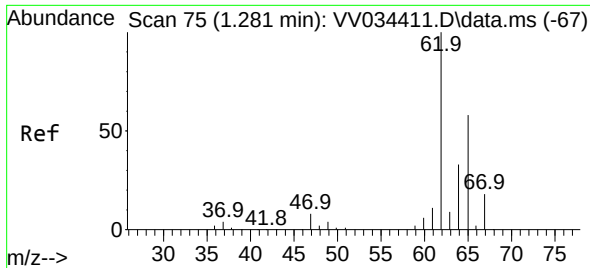
Tgt Ion: 85 Resp: 50629
Ion Ratio Lower Upper
85 100
87 33.5 24.9 37.3



#3
Chloromethane
Concen: 5.387 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

Tgt Ion: 50 Resp: 57952
Ion Ratio Lower Upper
50 100
52 33.1 22.3 41.3

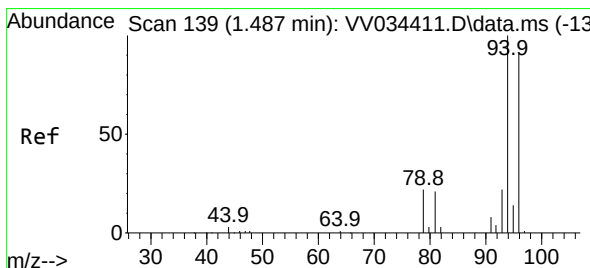
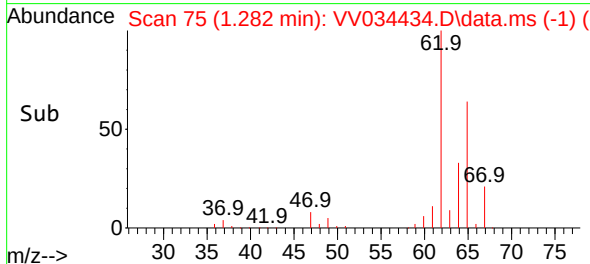
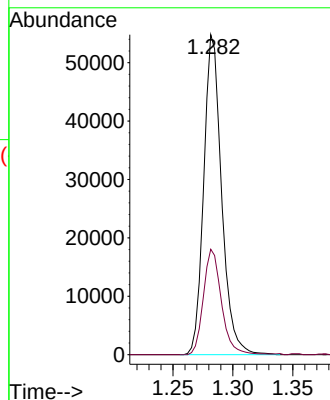
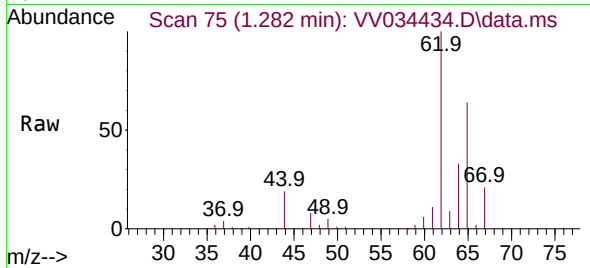




#5
 Vinyl chloride
 Concen: 5.350 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV034434.D
 Acq: 27 Feb 2024 09:05

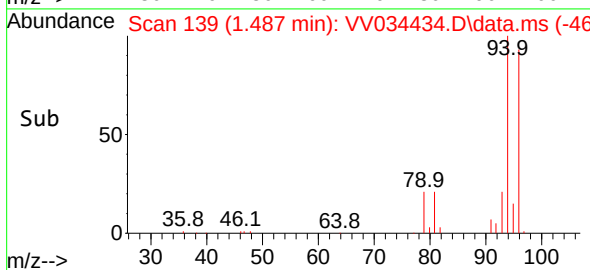
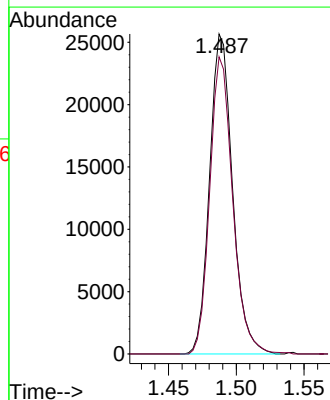
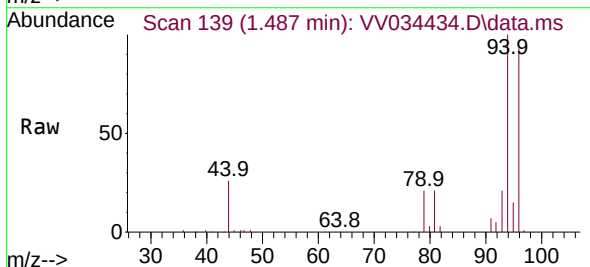
Instrument : MSVOA_V
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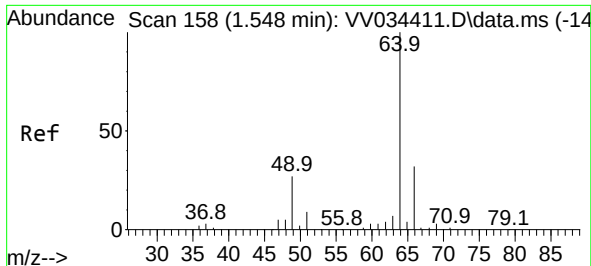
Tgt Ion:	62	Resp:	56907
Ion Ratio	Lower	Upper	
62	100		
64	32.9	23.4	43.4



#6
 Bromomethane
 Concen: 5.009 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV034434.D
 Acq: 27 Feb 2024 09:05

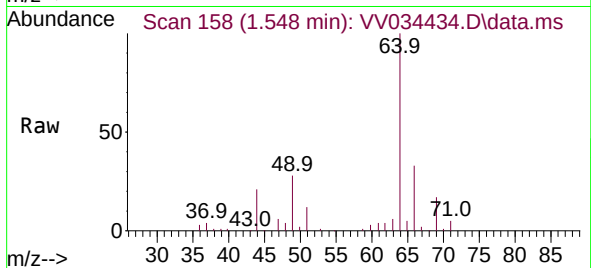
Tgt Ion:	94	Resp:	30241
Ion Ratio	Lower	Upper	
94	100		
96	92.9	65.5	121.7



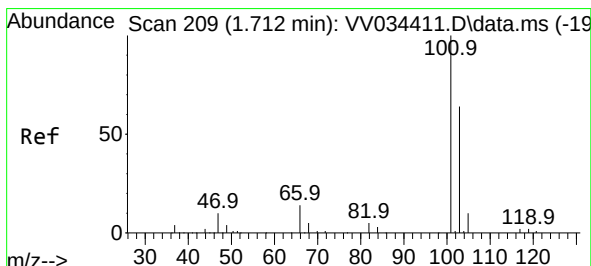
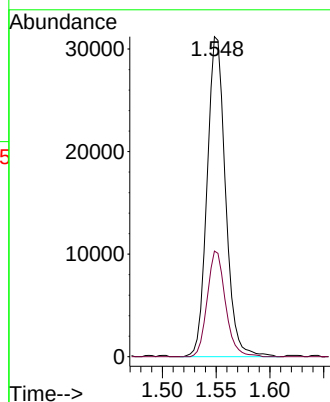
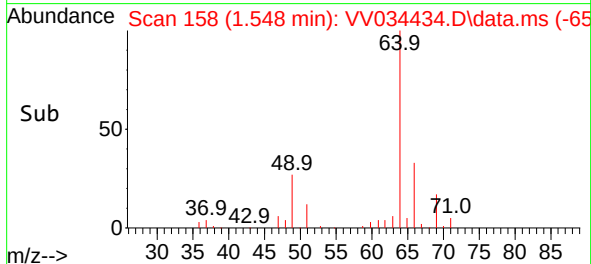


#8
Chloroethane
Concen: 4.926 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

Instrument :
MSVOA_V
ClientSampleId :

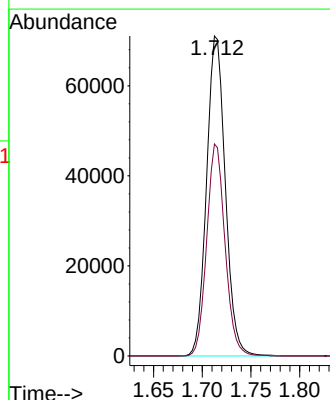
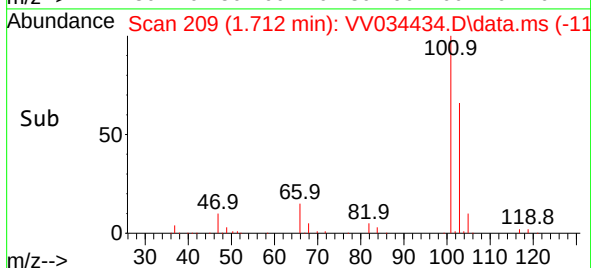
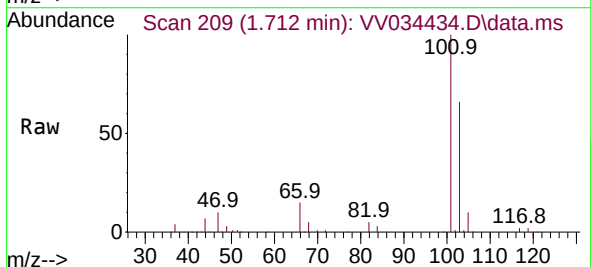


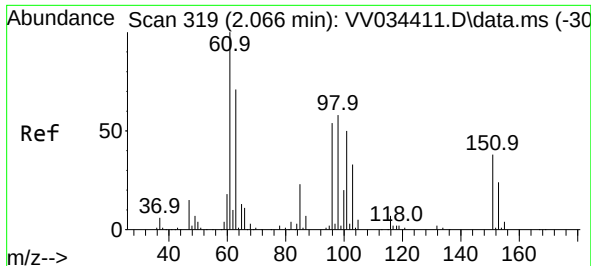
Tgt Ion: 64 Resp: 37065
Ion Ratio Lower Upper
64 100
66 33.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.496 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

Tgt Ion:101 Resp: 95165
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0

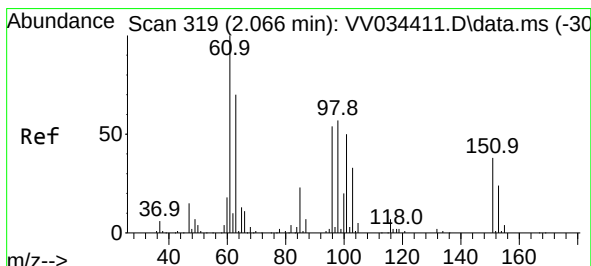
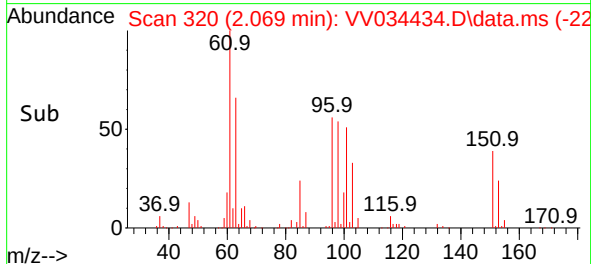
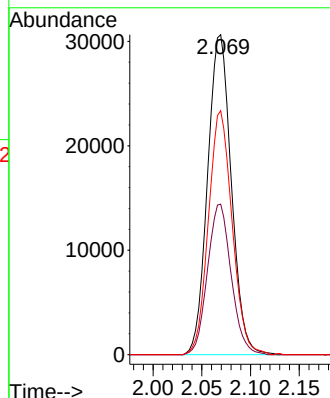
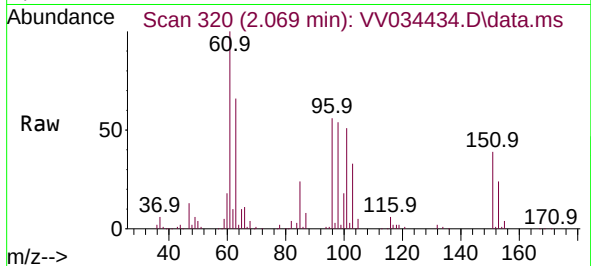




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.557 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

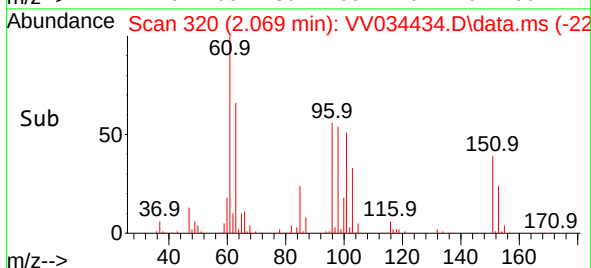
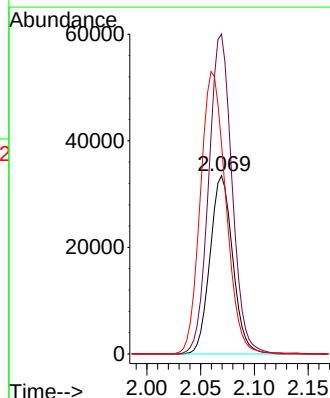
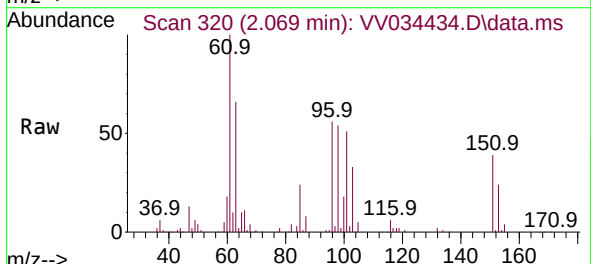
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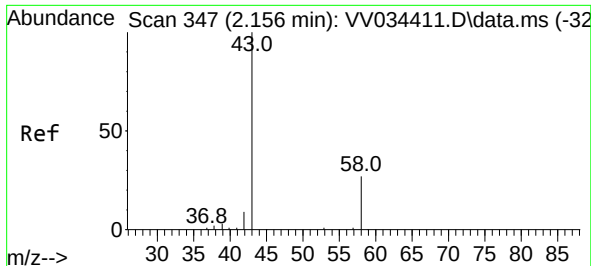
Tgt Ion:101 Resp: 51898
Ion Ratio Lower Upper
101 100
85 46.9 37.9 56.9
151 76.2 61.8 92.6



#12
1,1-Dichloroethene
Concen: 5.465 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.003 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

Tgt Ion: 96 Resp: 49148
Ion Ratio Lower Upper
96 100
61 179.5 131.3 243.8
63 118.1 102.8 191.0





#13

Acetone

Concen: 47.159 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.013 min

Lab File: VV034434.D

Acq: 27 Feb 2024 09:05

Instrument :

MSVOA_V

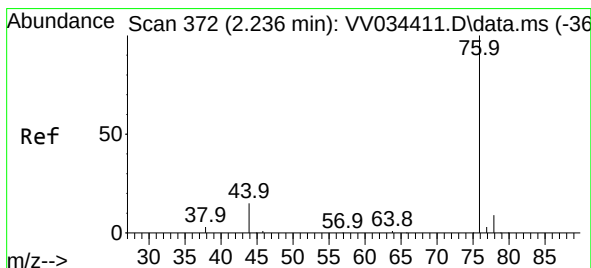
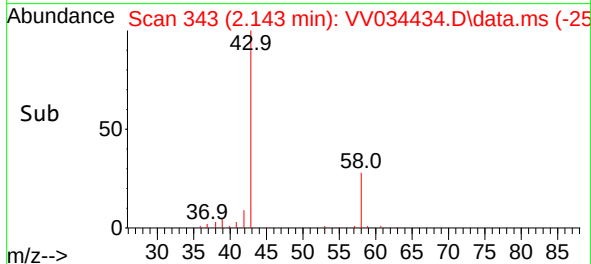
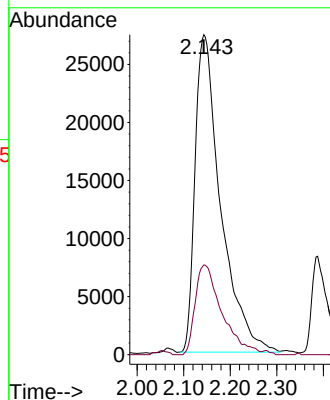
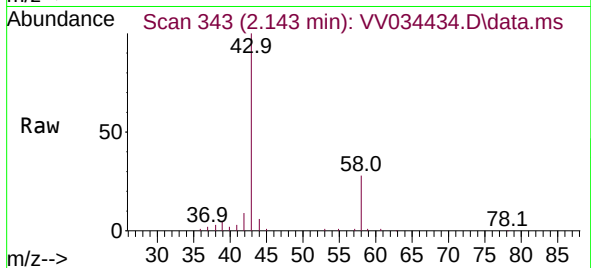
ClientSampleId :

Tgt Ion: 43 Resp: 104535

Ion Ratio Lower Upper

43 100

58 29.4 0.0 56.2



#14

Carbon disulfide

Concen: 5.558 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV034434.D

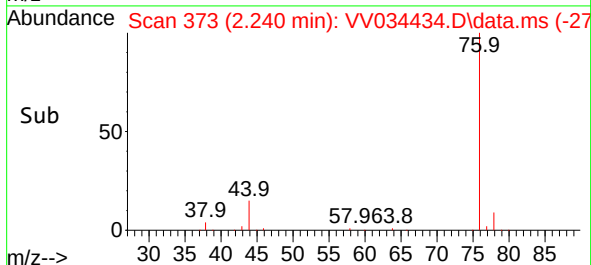
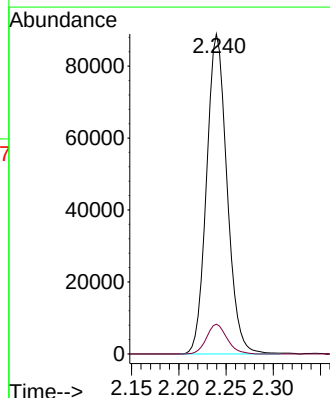
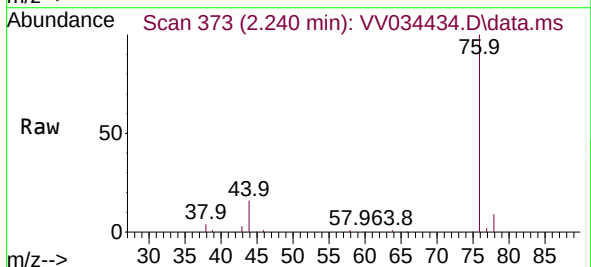
Acq: 27 Feb 2024 09:05

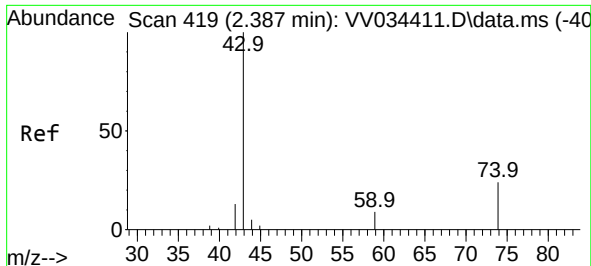
Tgt Ion: 76 Resp: 133918

Ion Ratio Lower Upper

76 100

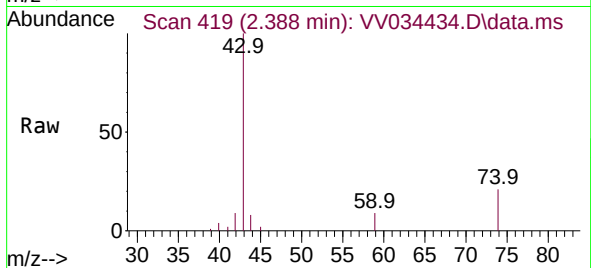
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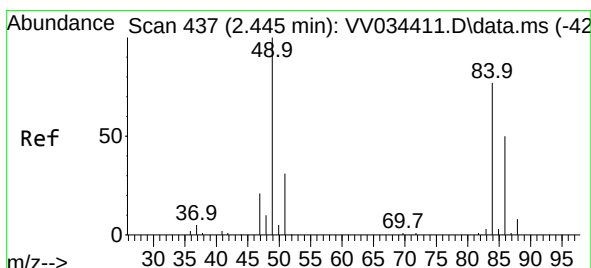
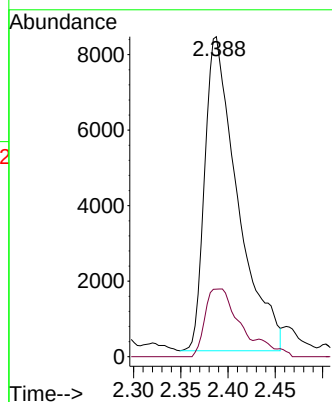
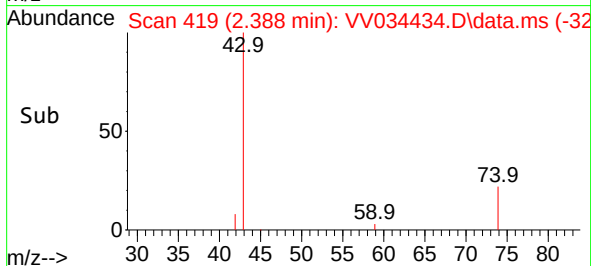


#15
Methyl Acetate
Concen: 5.296 ug/L
RT: 2.388 min Scan# 419
Delta R.T. 0.000 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

Instrument :
MSVOA_V
ClientSampleId :

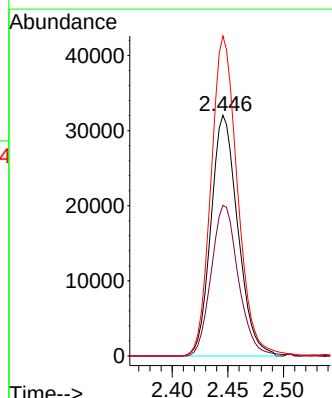
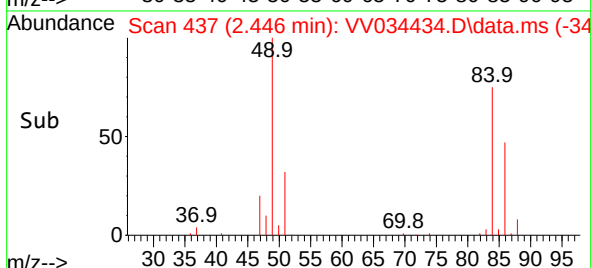
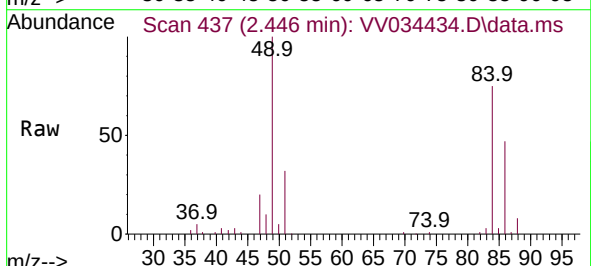


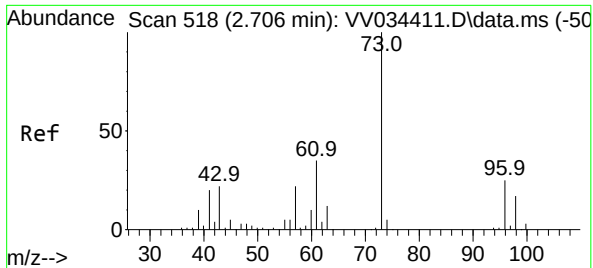
Tgt Ion: 43 Resp: 20138
Ion Ratio Lower Upper
43 100
74 20.7 18.6 28.0



#16
Methylene chloride
Concen: 5.237 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

Tgt Ion: 84 Resp: 53790
Ion Ratio Lower Upper
84 100
86 62.6 43.8 81.4
49 133.0 87.6 162.8





#17

Methyl tert-butyl Ether

Concen: 5.453 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.003 min

Lab File: VV034434.D

Acq: 27 Feb 2024 09:05

Instrument :

MSVOA_V

ClientSampleId :

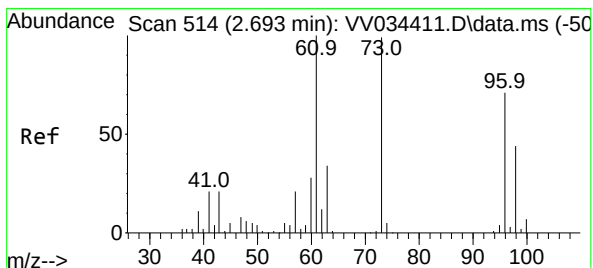
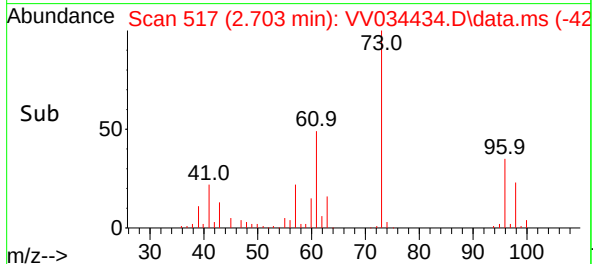
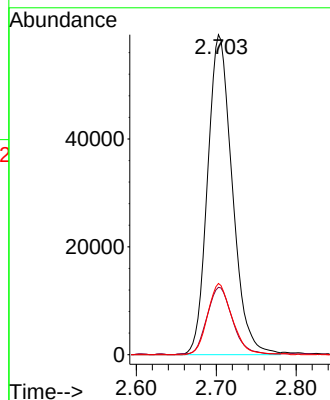
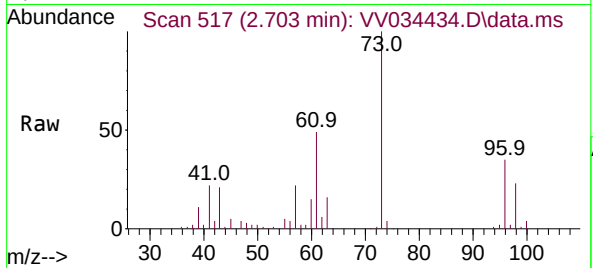
Tgt Ion: 73 Resp: 127485

Ion Ratio Lower Upper

73 100

43 21.8 18.0 27.0

57 22.0 17.0 25.6



#18

trans-1,2-Dichloroethene

Concen: 5.408 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.000 min

Lab File: VV034434.D

Acq: 27 Feb 2024 09:05

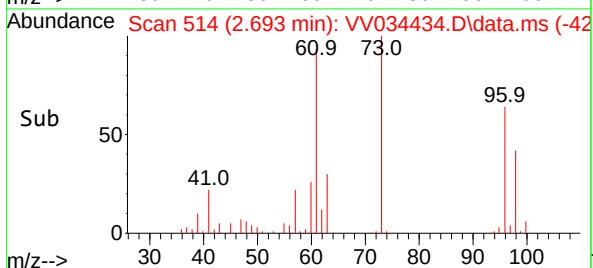
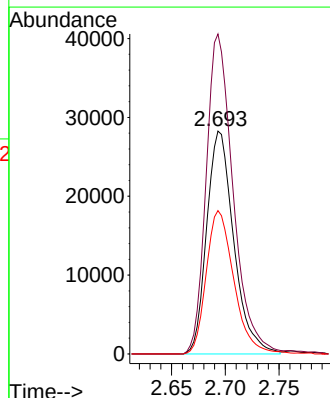
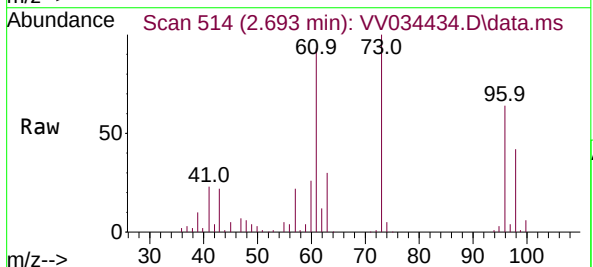
Tgt Ion: 96 Resp: 49457

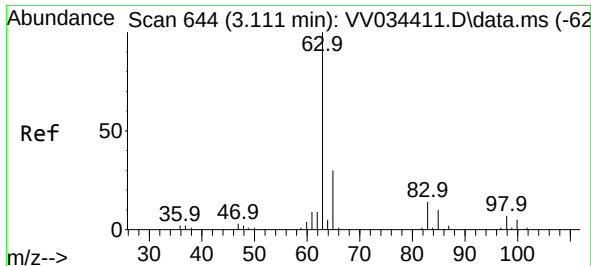
Ion Ratio Lower Upper

96 100

61 143.6 101.3 188.1

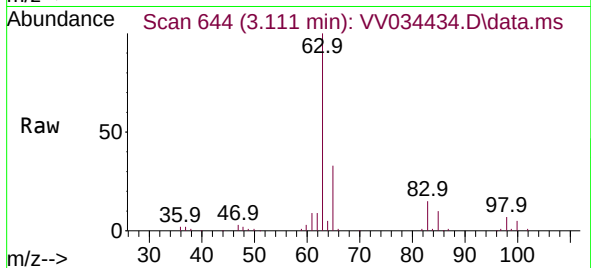
98 64.4 43.5 80.7



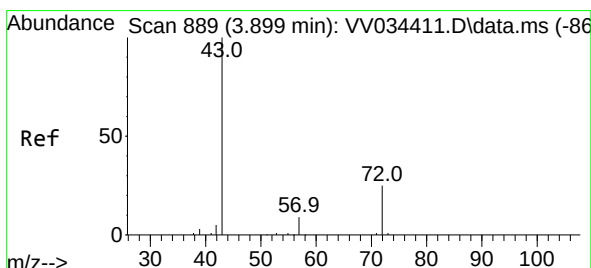
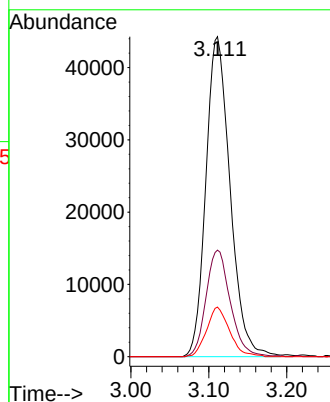
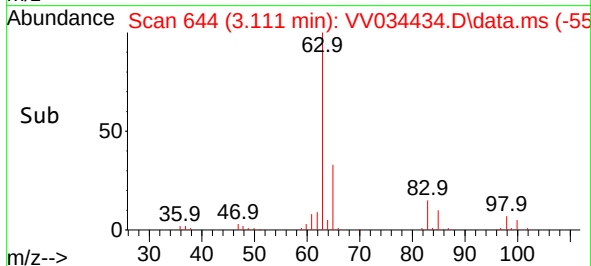


#19
1,1-Dichloroethane
Concen: 5.435 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

Instrument :
MSVOA_V
ClientSampleId :

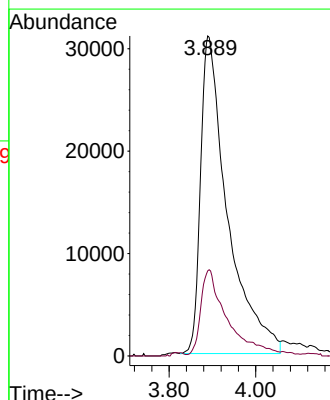
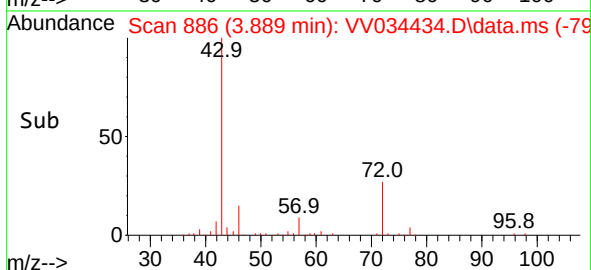
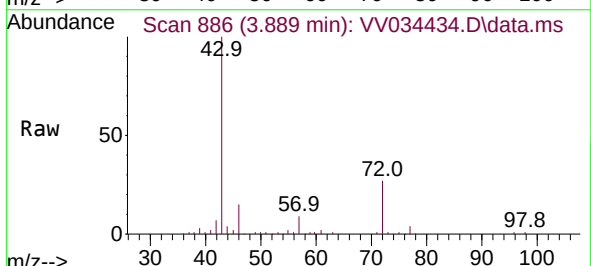


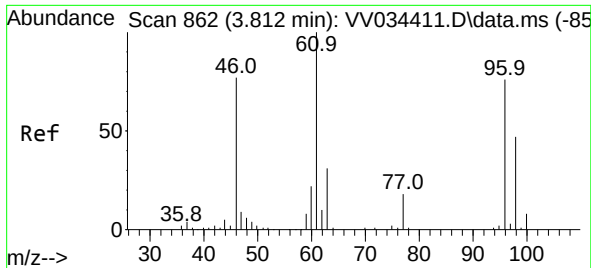
Tgt Ion: 63 Resp: 95662
Ion Ratio Lower Upper
63 100
65 33.3 22.0 41.0
83 15.5 10.1 18.9



#21
2-Butanone
Concen: 55.038 ug/L
RT: 3.889 min Scan# 886
Delta R.T. -0.009 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

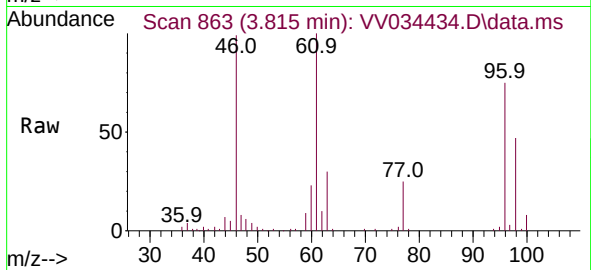
Tgt Ion: 43 Resp: 133934
Ion Ratio Lower Upper
43 100
72 26.8 12.4 37.0



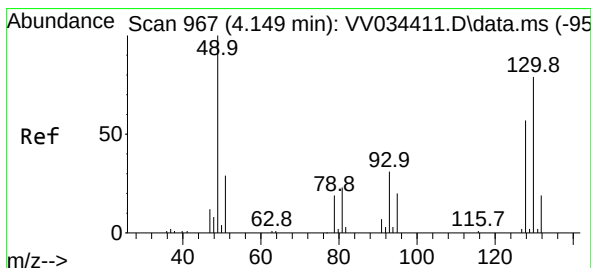
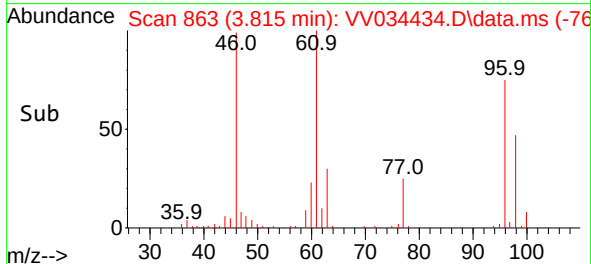
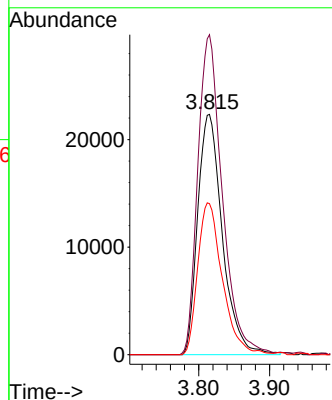


#22
 cis-1,2-Dichloroethene
 Concen: 5.370 ug/L
 RT: 3.815 min Scan# 862
 Delta R.T. 0.003 min
 Lab File: VV034434.D
 Acq: 27 Feb 2024 09:05

Instrument :
 MSVOA_V
 ClientSampleId :

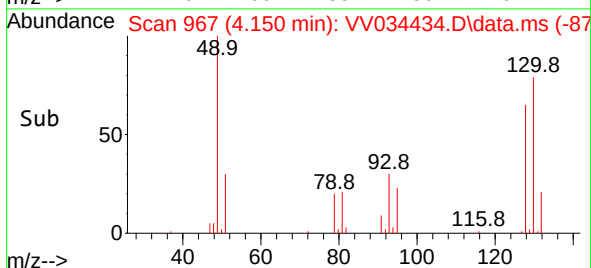
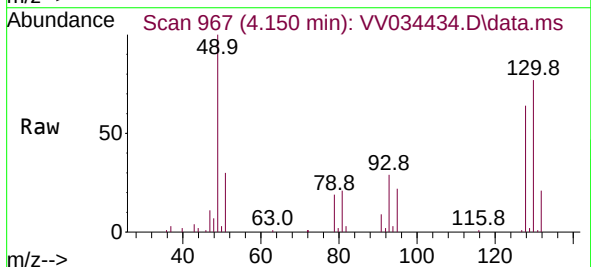
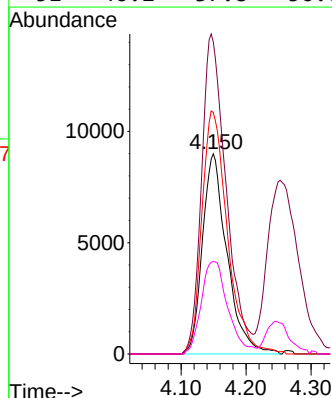


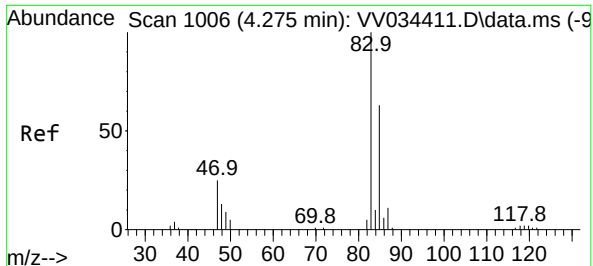
Tgt Ion: 96 Resp: 53998
 Ion Ratio Lower Upper
 96 100
 61 133.2 89.7 166.5
 98 62.8 42.0 78.0



#23
 Bromochloromethane
 Concen: 5.638 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. 0.000 min
 Lab File: VV034434.D
 Acq: 27 Feb 2024 09:05

Tgt Ion: 128 Resp: 23636
 Ion Ratio Lower Upper
 128 100
 49 155.8 109.9 204.1
 130 120.6 87.7 162.9
 51 46.2 37.8 56.6





#25

Chloroform

Concen: 5.458 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VV034434.D

Acq: 27 Feb 2024 09:05

Instrument :

MSVOA_V

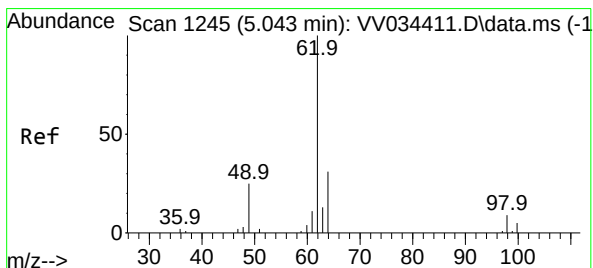
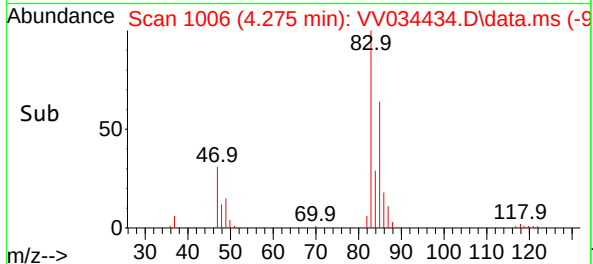
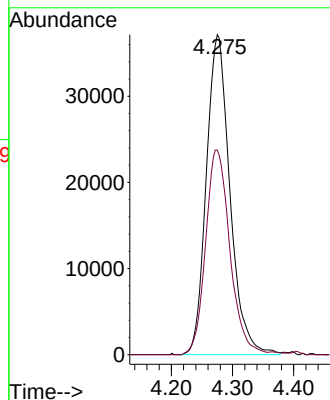
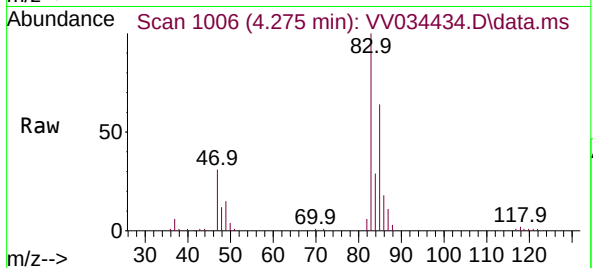
ClientSampleId :

Tgt Ion: 83 Resp: 99775

Ion Ratio Lower Upper

83 100

85 64.0 47.0 87.4



#27

1,2-Dichloroethane

Concen: 5.452 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.003 min

Lab File: VV034434.D

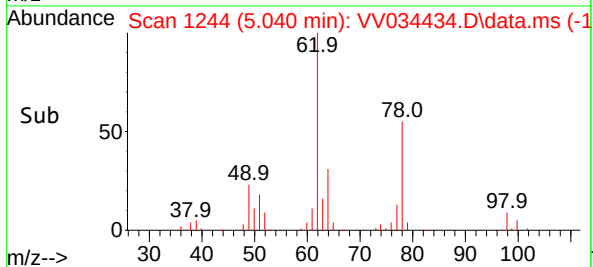
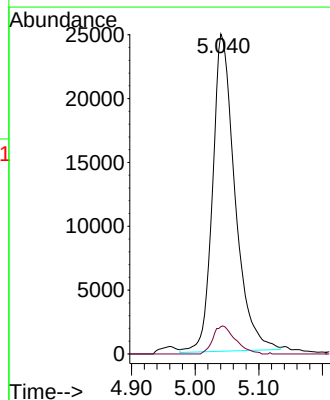
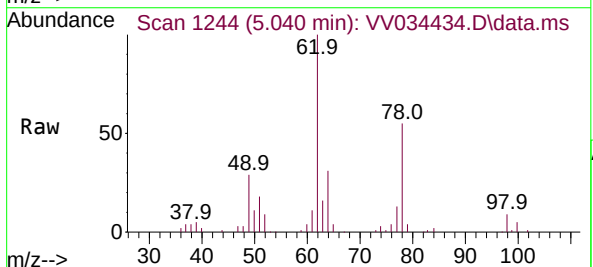
Acq: 27 Feb 2024 09:05

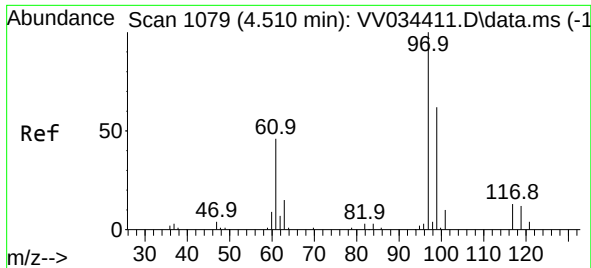
Tgt Ion: 62 Resp: 60825

Ion Ratio Lower Upper

62 100

98 8.6 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 5.296 ug/L

RT: 4.510 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV034434.D

Acq: 27 Feb 2024 09:05

Instrument :

MSVOA_V

ClientSampleId :

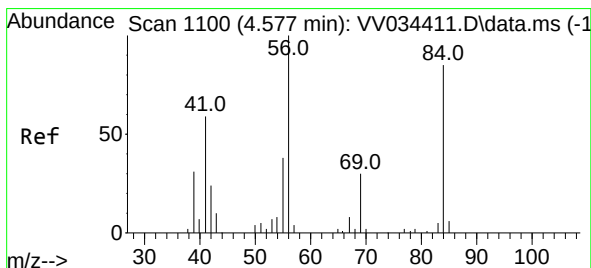
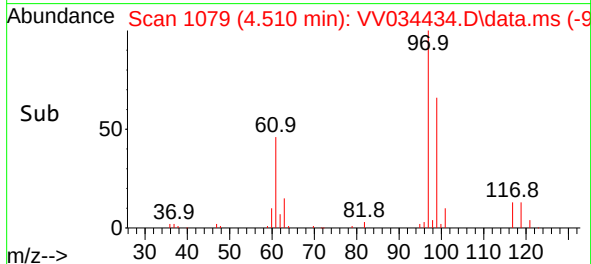
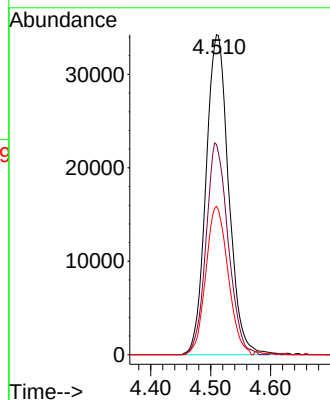
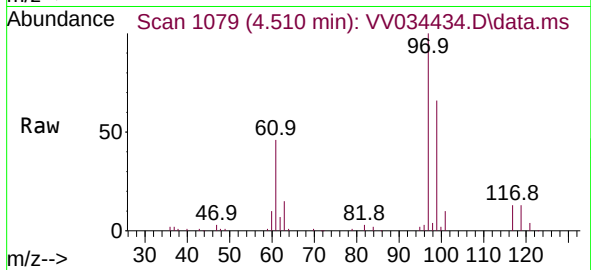
Tgt Ion: 97 Resp: 90021

Ion Ratio Lower Upper

97 100

99 64.6 51.2 76.8

61 45.6 36.1 54.1



#30

Cyclohexane

Concen: 5.282 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV034434.D

Acq: 27 Feb 2024 09:05

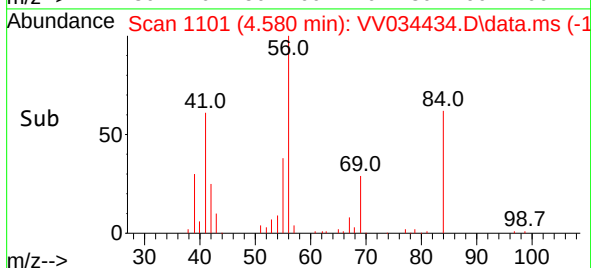
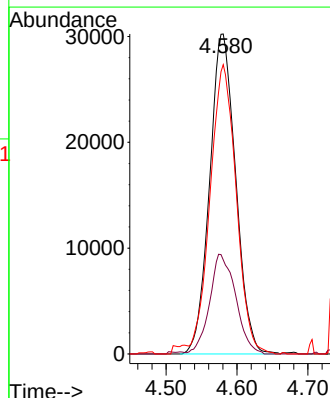
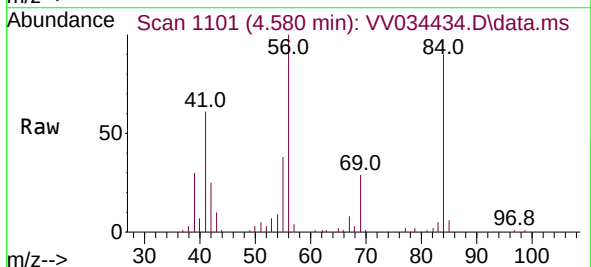
Tgt Ion: 56 Resp: 77225

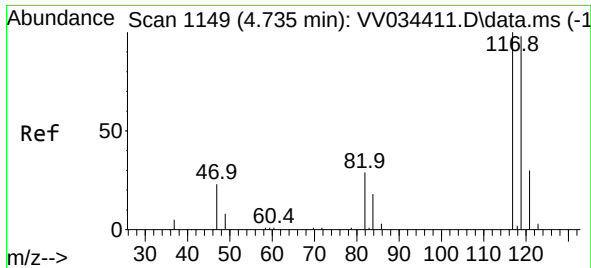
Ion Ratio Lower Upper

56 100

69 31.2 24.5 36.7

84 90.4 70.3 105.5

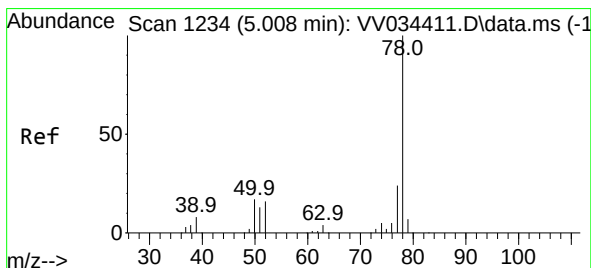
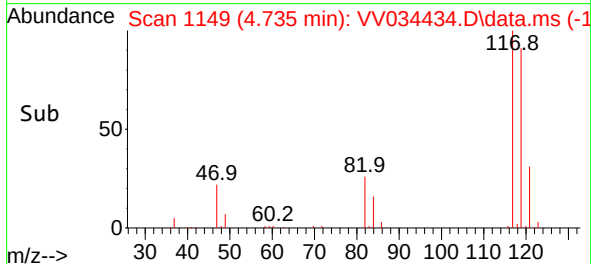
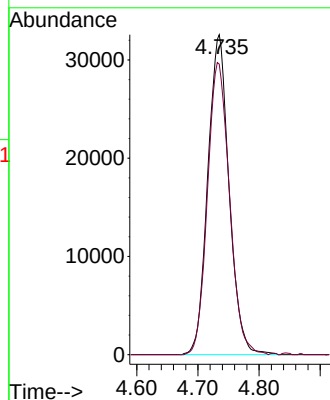
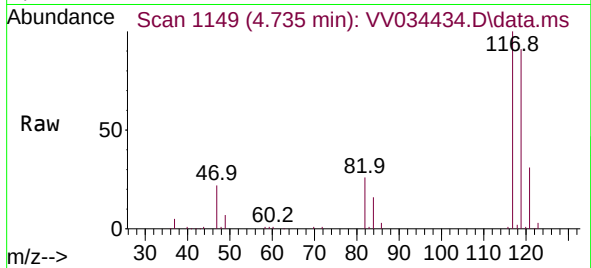




#31
Carbon tetrachloride
Concen: 5.338 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

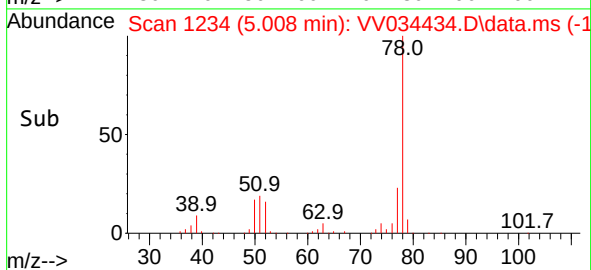
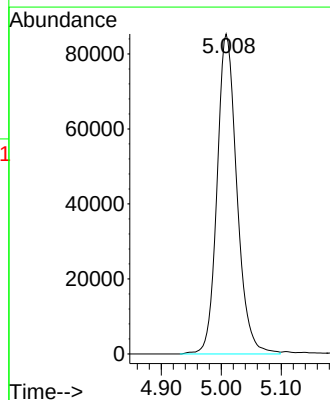
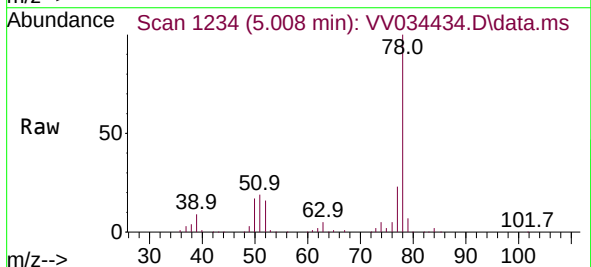
Instrument :
MSVOA_V
ClientSampleId :

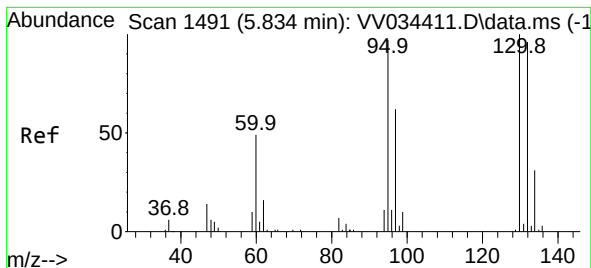
Tgt Ion:117 Resp: 78741
Ion Ratio Lower Upper
117 100
119 94.6 77.0 115.6



#33
Benzene
Concen: 5.199 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

Tgt Ion: 78 Resp: 195517





#34

Trichloroethene

Concen: 5.412 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV034434.D

Acq: 27 Feb 2024 09:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 53148

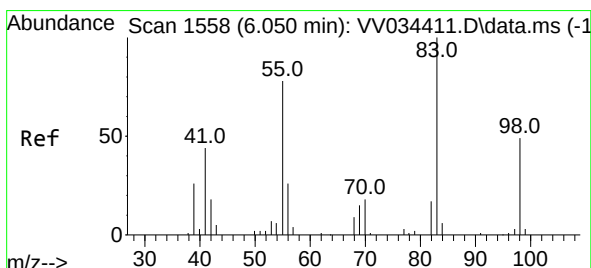
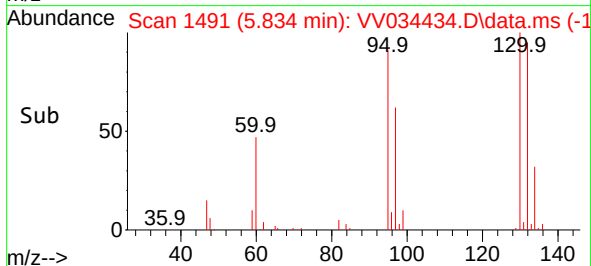
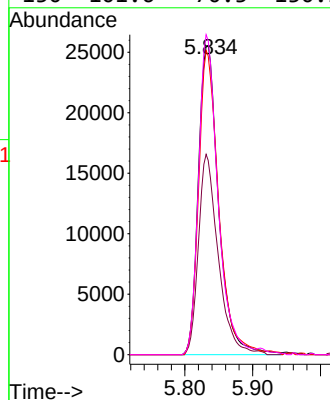
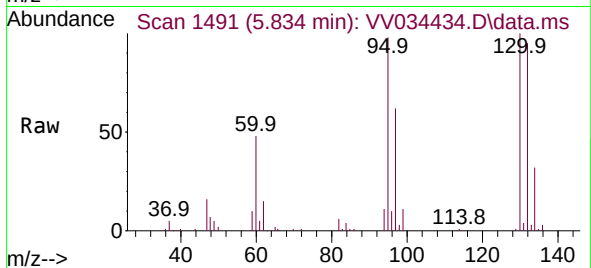
Ion Ratio Lower Upper

95 100

97 62.8 43.3 80.5

132 96.6 67.8 126.0

130 101.6 70.3 130.5



#35

Methylcyclohexane

Concen: 5.144 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.003 min

Lab File: VV034434.D

Acq: 27 Feb 2024 09:05

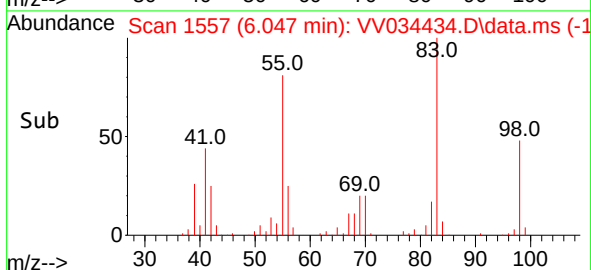
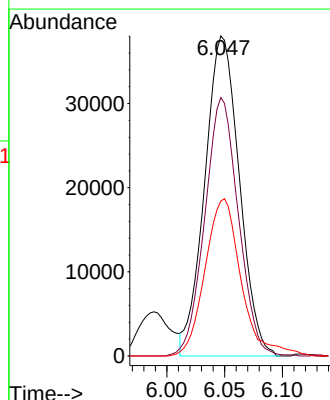
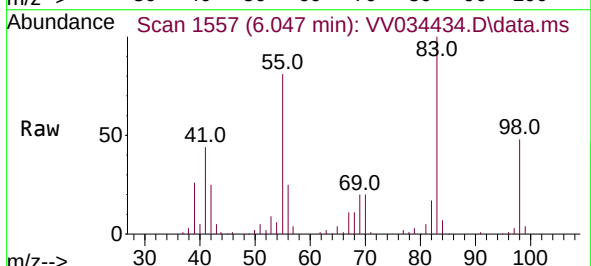
Tgt Ion: 83 Resp: 79309

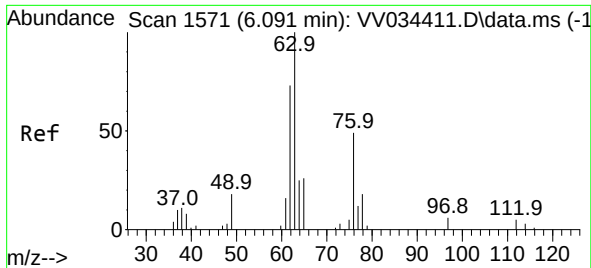
Ion Ratio Lower Upper

83 100

55 78.4 61.9 92.9

98 51.2 38.1 57.1

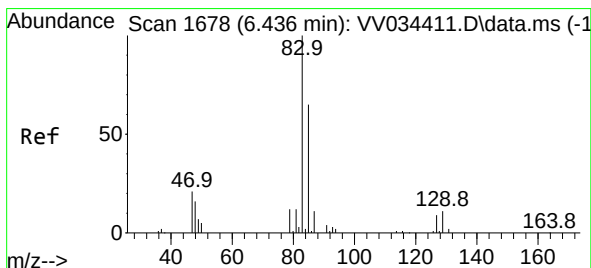
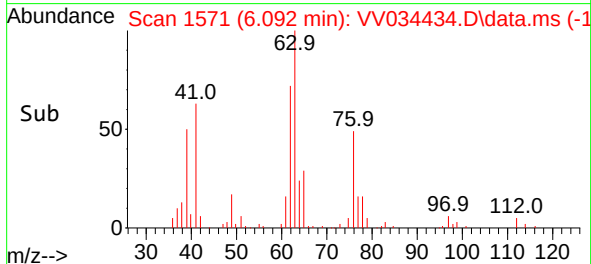
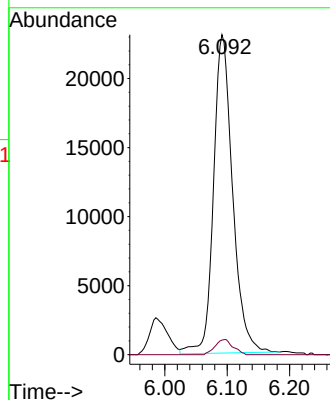
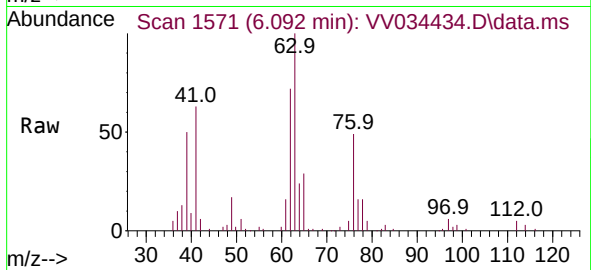




#37
1,2-Dichloropropane
Concen: 5.275 ug/L
RT: 6.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

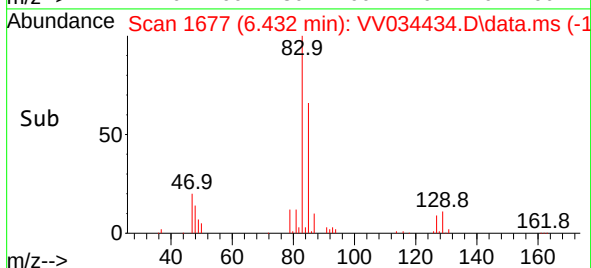
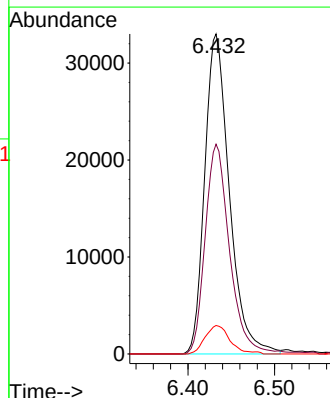
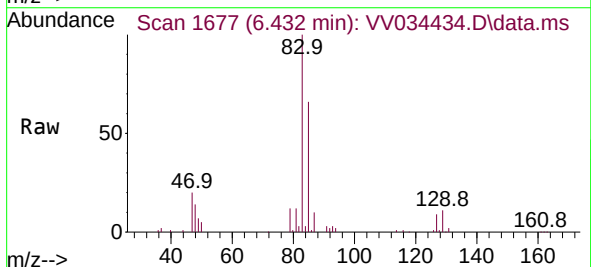
Instrument :
MSVOA_V
ClientSampleId :

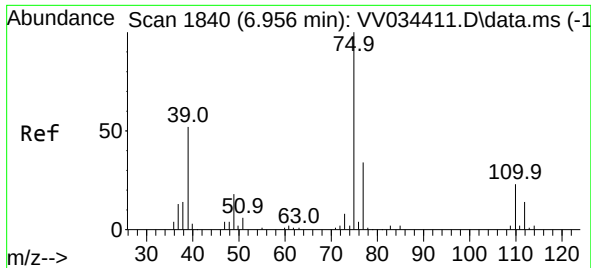
Tgt Ion: 63 Resp: 49037
Ion Ratio Lower Upper
63 100
112 4.5 3.4 5.0



#38
Bromodichloromethane
Concen: 5.158 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. -0.003 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

Tgt Ion: 83 Resp: 65341
Ion Ratio Lower Upper
83 100
85 65.6 45.4 84.2
127 8.9 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.572 ug/L

RT: 6.953 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV034434.D

Acq: 27 Feb 2024 09:05

Instrument :

MSVOA_V

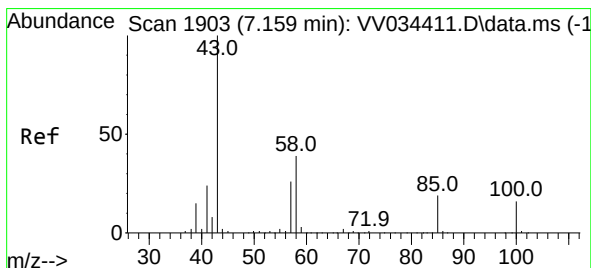
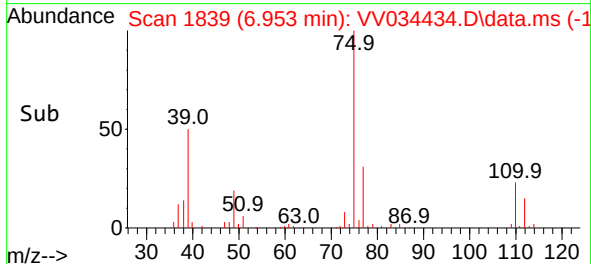
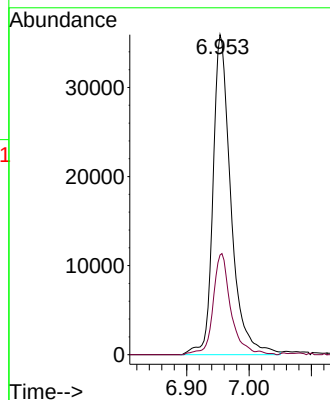
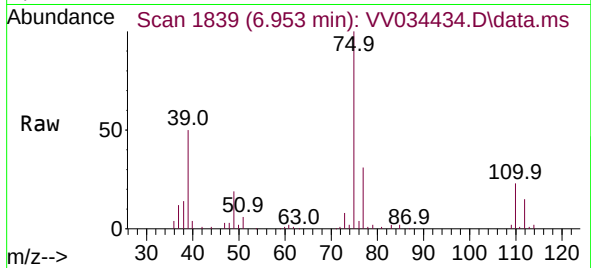
ClientSampleId :

Tgt Ion: 75 Resp: 71788

Ion Ratio Lower Upper

75 100

77 31.2 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 54.366 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV034434.D

Acq: 27 Feb 2024 09:05

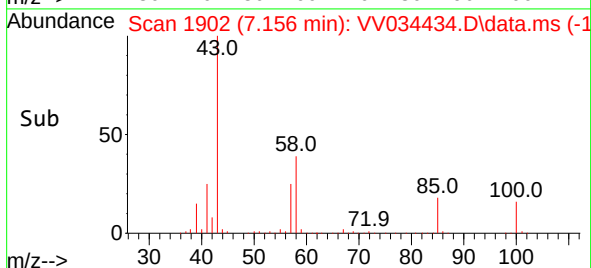
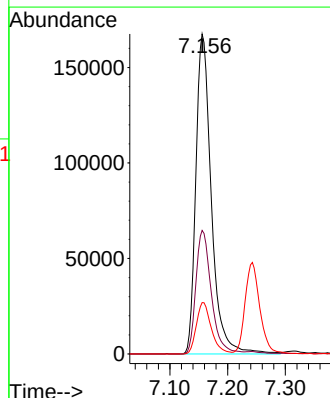
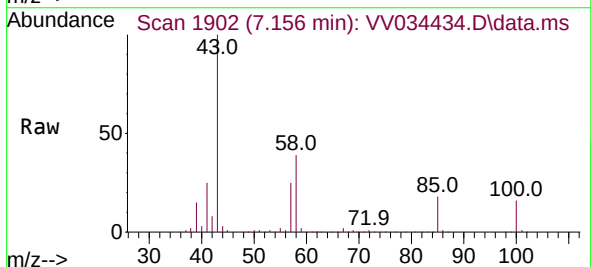
Tgt Ion: 43 Resp: 312653

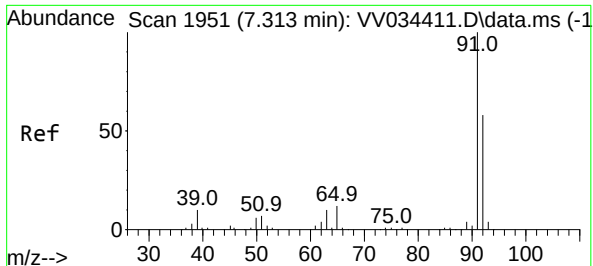
Ion Ratio Lower Upper

43 100

58 38.5 30.7 46.1

100 15.5 12.3 18.5





#42

Toluene

Concen: 5.325 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034434.D

Acq: 27 Feb 2024 09:05

Instrument :

MSVOA_V

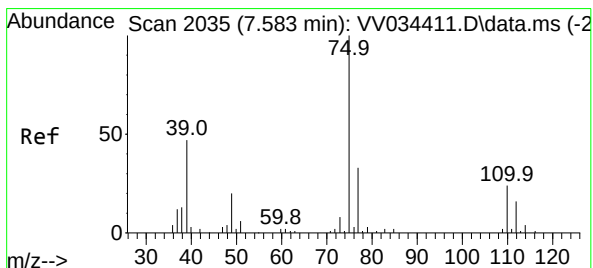
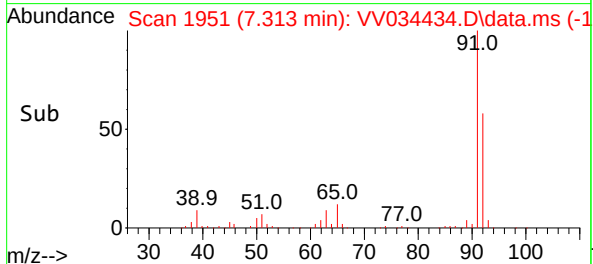
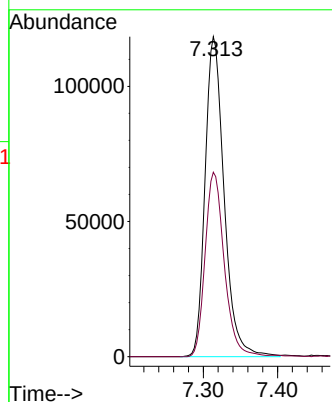
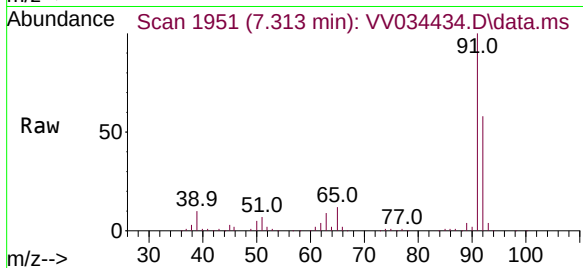
ClientSampleId :

Tgt Ion: 91 Resp: 210386

Ion Ratio Lower Upper

91 100

92 57.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.709 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.003 min

Lab File: VV034434.D

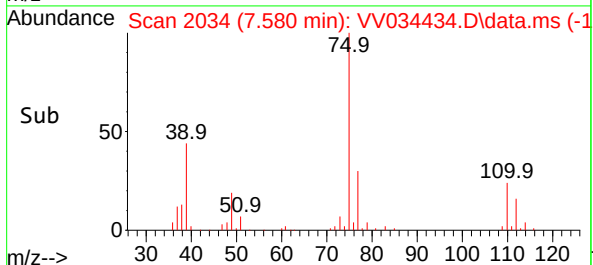
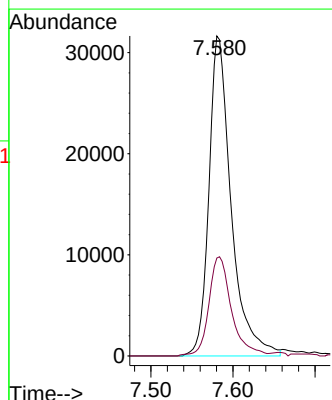
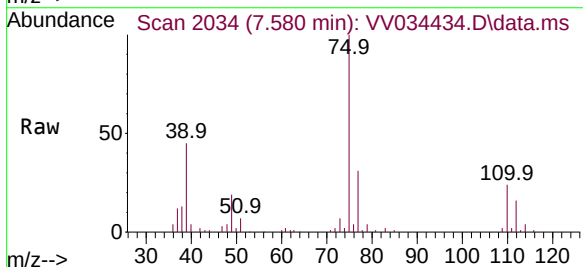
Acq: 27 Feb 2024 09:05

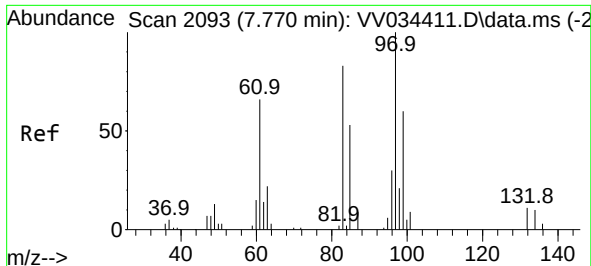
Tgt Ion: 75 Resp: 59727

Ion Ratio Lower Upper

75 100

77 30.6 22.7 42.1

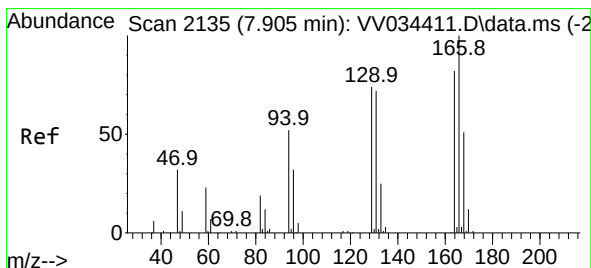
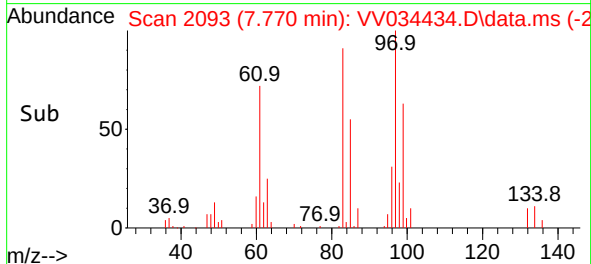
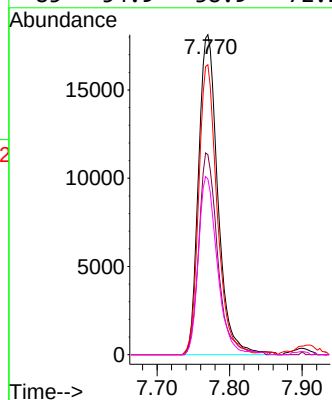
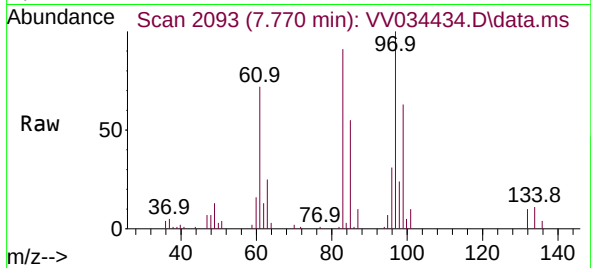




#45
1,1,2-Trichloroethane
Concen: 5.312 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

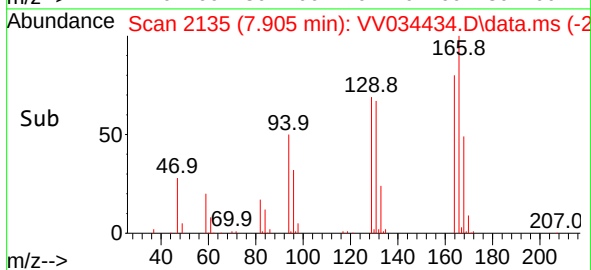
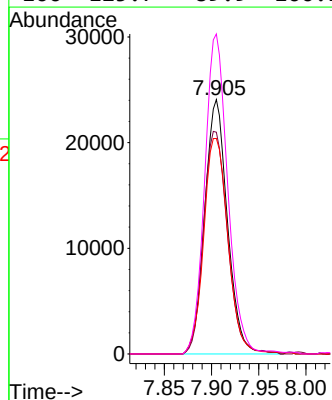
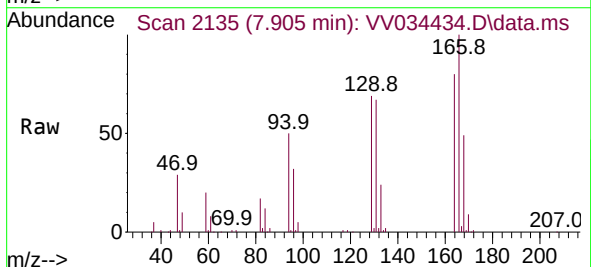
Instrument :
MSVOA_V
ClientSampleId :

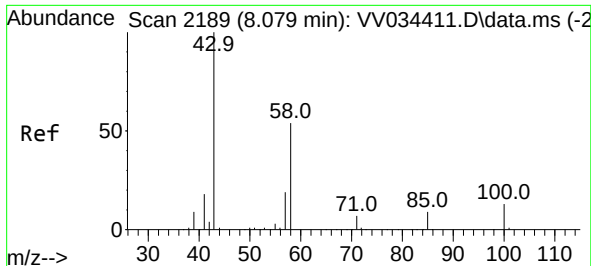
Tgt Ion:	97	Resp:	33586
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.3	80.5
83	90.6	57.9	107.5
85	54.9	38.9	72.2



#47
Tetrachloroethene
Concen: 5.248 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

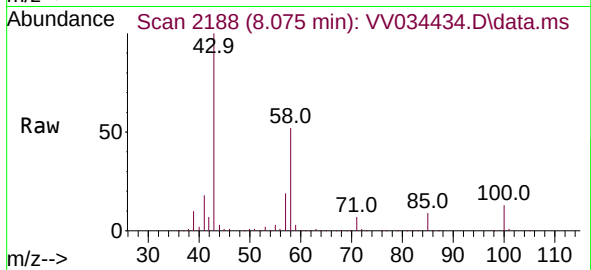
Tgt Ion:	164	Resp:	40436
Ion	Ratio	Lower	Upper
164	100		
129	87.1	64.2	119.2
131	84.7	65.9	122.3
166	125.7	89.9	166.9





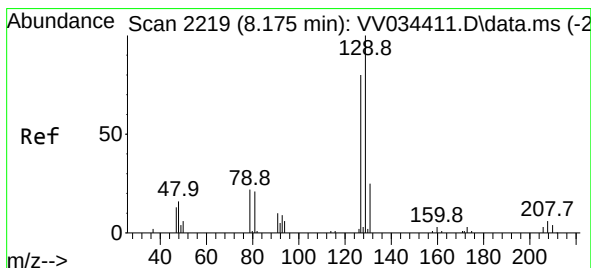
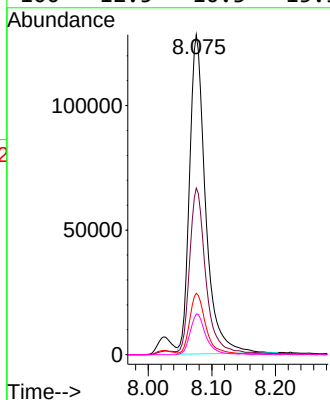
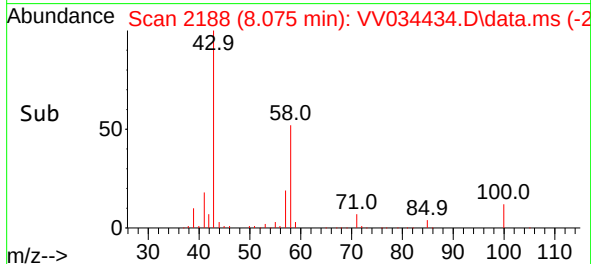
#48
2-Hexanone
Concen: 54.789 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 224419

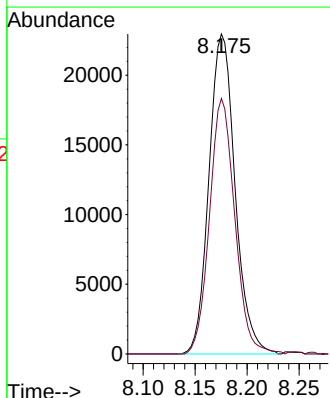
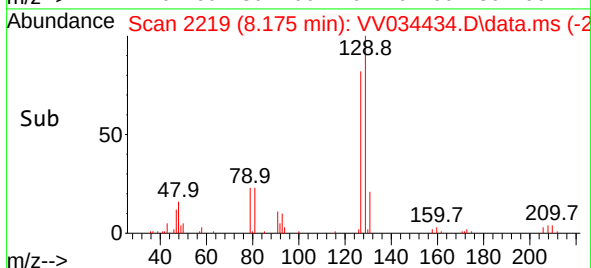
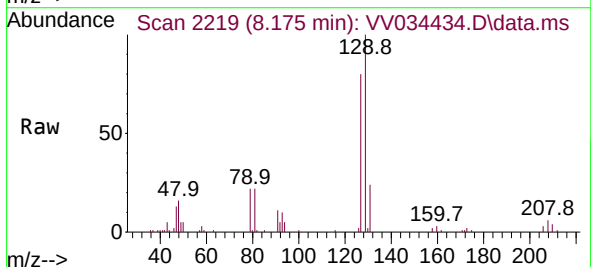
Ion	Ratio	Lower	Upper
43	100		
58	51.3	43.4	65.0
57	19.1	15.5	23.3
100	12.5	10.3	15.5

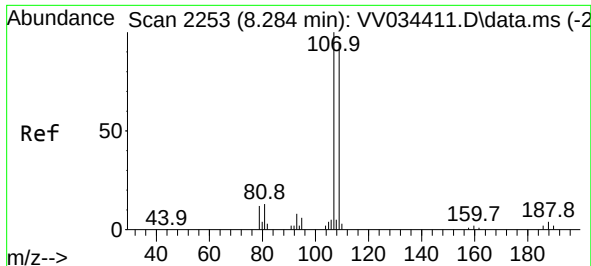


#49
Dibromochloromethane
Concen: 5.452 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

Tgt Ion: 129 Resp: 40134

Ion	Ratio	Lower	Upper
129	100		
127	79.9	54.0	100.4





#50

1,2-Dibromoethane

Concen: 5.231 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV034434.D

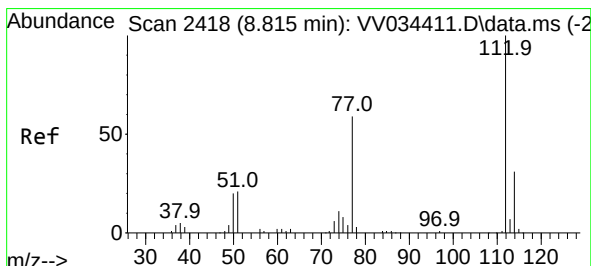
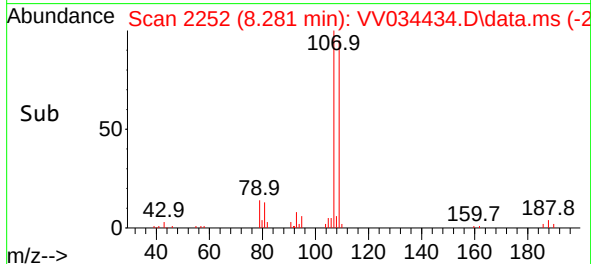
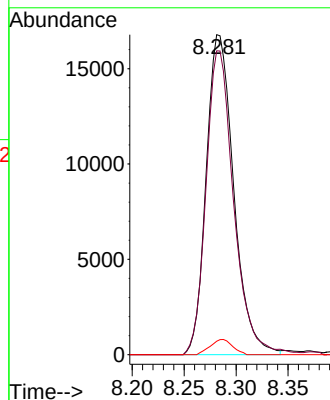
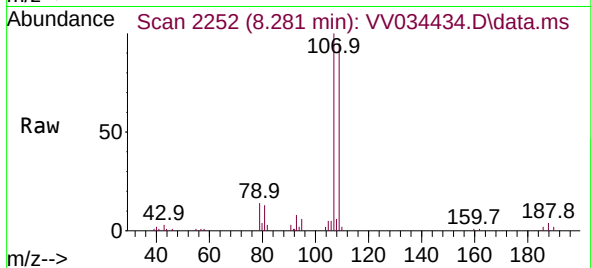
Acq: 27 Feb 2024 09:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	30940
Ion	Ratio	Lower	Upper
107	100		
109	94.9	63.8	118.4
188	4.2	3.1	4.7



#51

Chlorobenzene

Concen: 5.169 ug/L

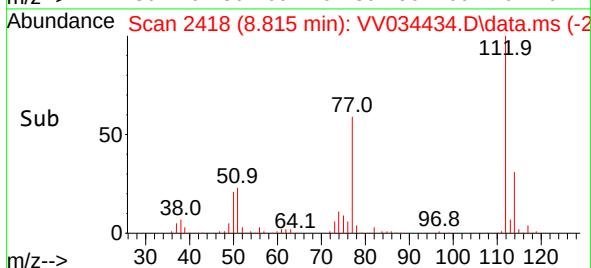
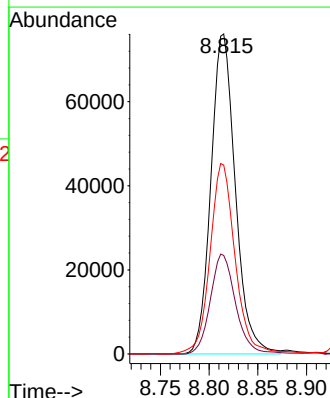
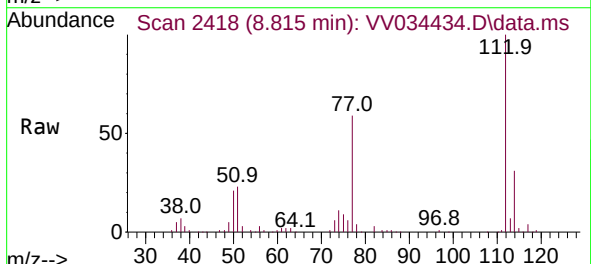
RT: 8.815 min Scan# 2418

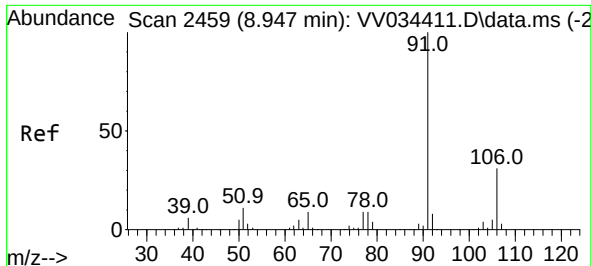
Delta R.T. 0.000 min

Lab File: VV034434.D

Acq: 27 Feb 2024 09:05

Tgt Ion:	112	Resp:	132673
Ion	Ratio	Lower	Upper
112	100		
114	30.8	22.5	41.9
77	59.0	45.4	68.2





#52

Ethylbenzene

Concen: 5.272 ug/L

RT: 8.944 min Scan# 2459

Delta R.T. -0.003 min

Lab File: VV034434.D

Acq: 27 Feb 2024 09:05

Instrument :

MSVOA_V

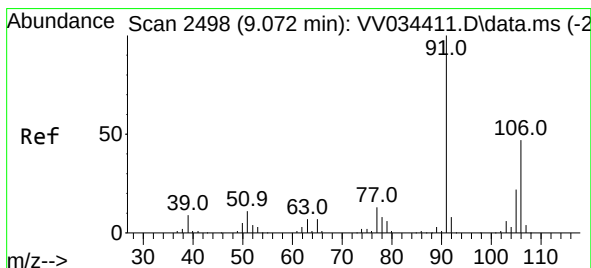
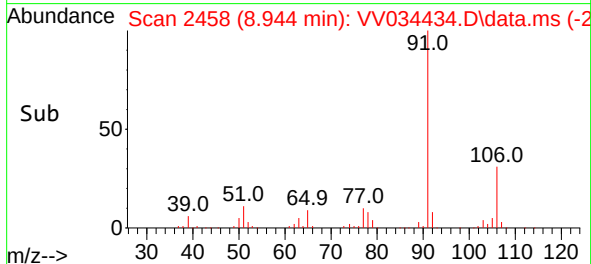
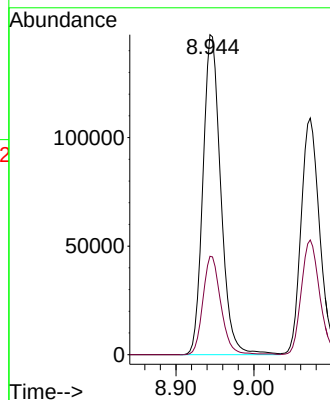
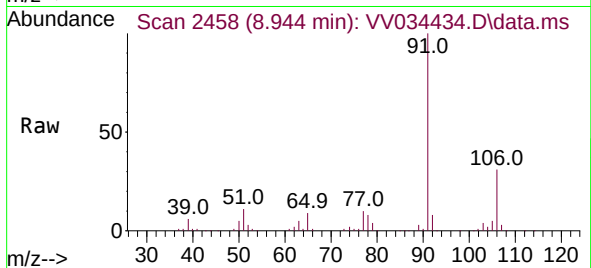
ClientSampleId :

Tgt Ion: 91 Resp: 234615

Ion Ratio Lower Upper

91 100

106 30.8 21.4 39.8



#53

m,p-Xylene

Concen: 5.264 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.000 min

Lab File: VV034434.D

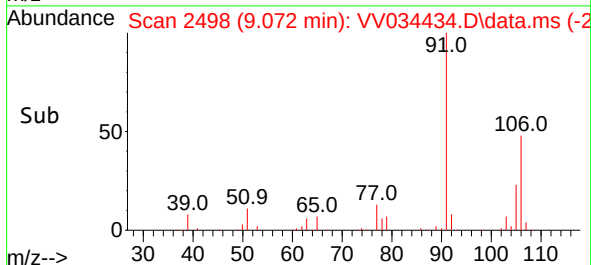
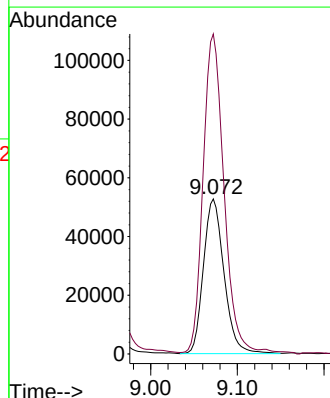
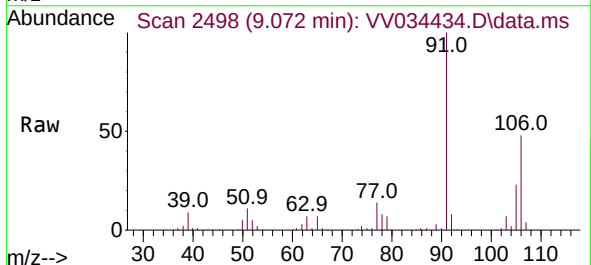
Acq: 27 Feb 2024 09:05

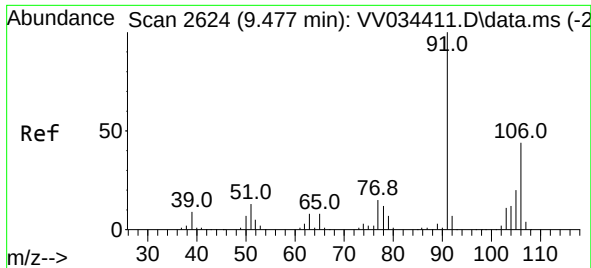
Tgt Ion:106 Resp: 87055

Ion Ratio Lower Upper

106 100

91 206.4 148.5 275.9

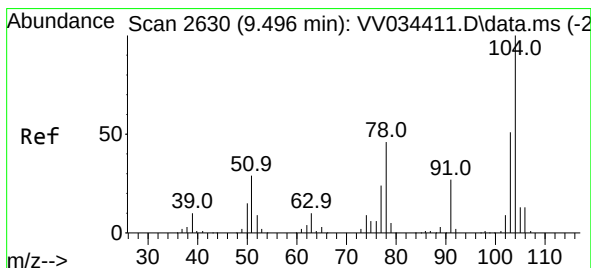
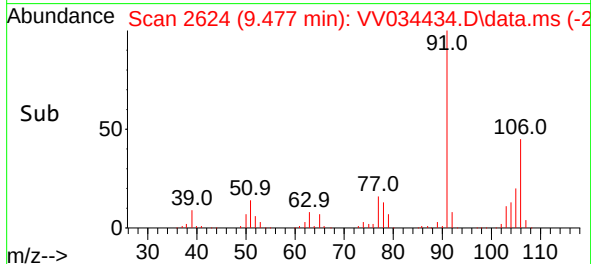
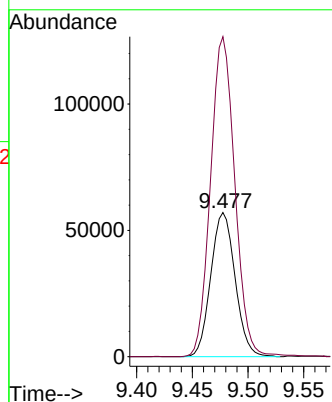
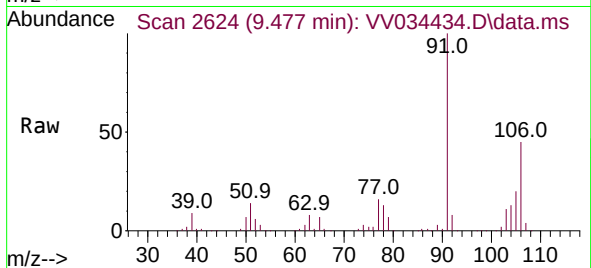




#54
o-Xylene
Concen: 5.251 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

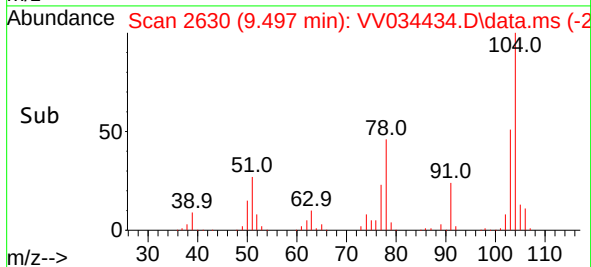
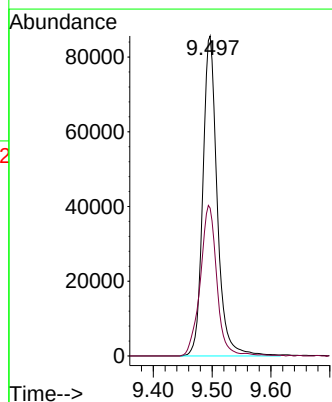
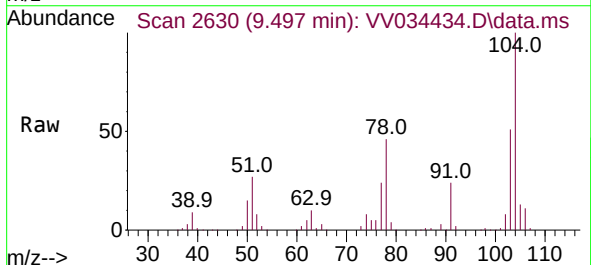
Instrument :
MSVOA_V
ClientSampleId :

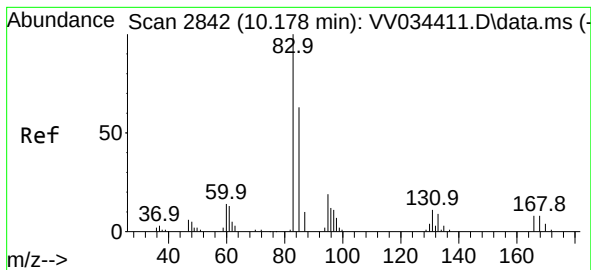
Tgt Ion:106 Resp: 86697
Ion Ratio Lower Upper
106 100
91 221.9 155.8 289.3



#55
Styrene
Concen: 5.484 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

Tgt Ion:104 Resp: 145615
Ion Ratio Lower Upper
104 100
78 46.2 32.9 61.1

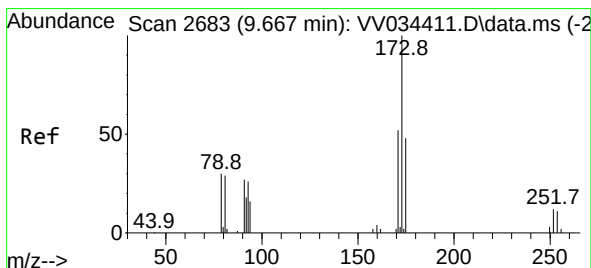
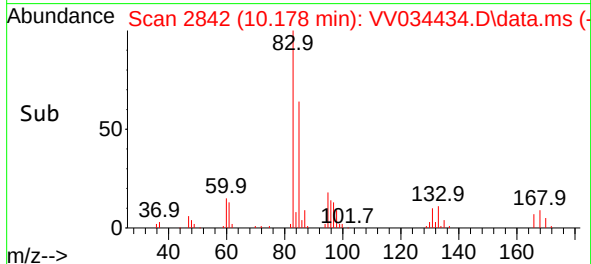
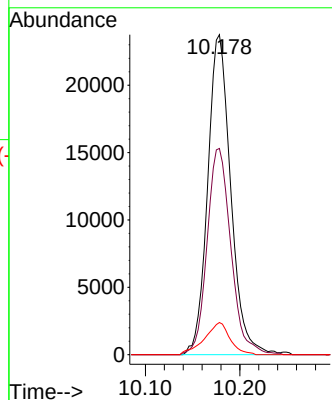
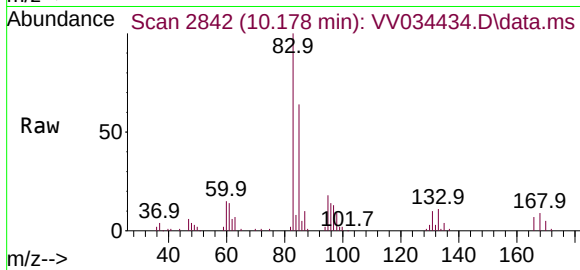




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.326 ug/L
 RT: 10.178 min Scan# 2842
 Delta R.T. 0.000 min
 Lab File: VV034434.D
 Acq: 27 Feb 2024 09:05

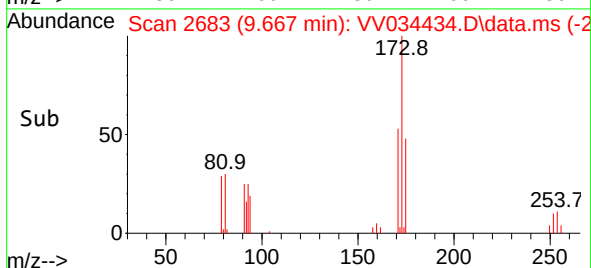
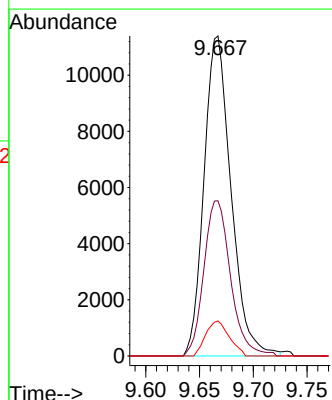
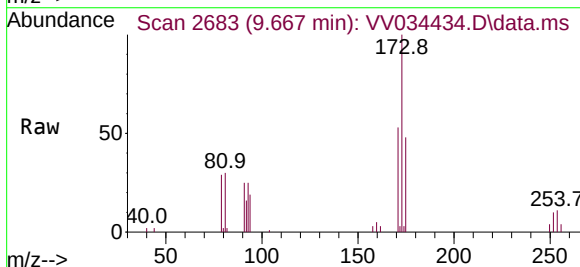
Instrument :
 MSVOA_V
 ClientSampleId :

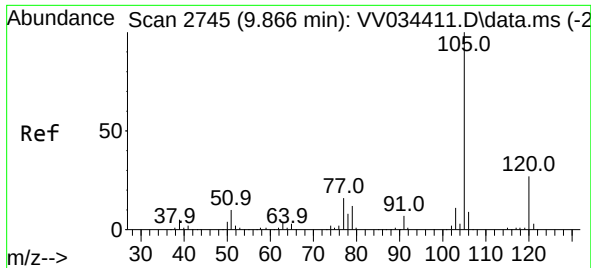
Tgt Ion: 83 Resp: 40286
 Ion Ratio Lower Upper
 83 100
 85 64.5 46.7 86.7
 131 10.0 8.6 12.8



#59
 Bromoform
 Concen: 5.434 ug/L
 RT: 9.667 min Scan# 2683
 Delta R.T. 0.000 min
 Lab File: VV034434.D
 Acq: 27 Feb 2024 09:05

Tgt Ion: 173 Resp: 19915
 Ion Ratio Lower Upper
 173 100
 175 48.0 38.9 58.3
 254 9.5 7.8 11.6

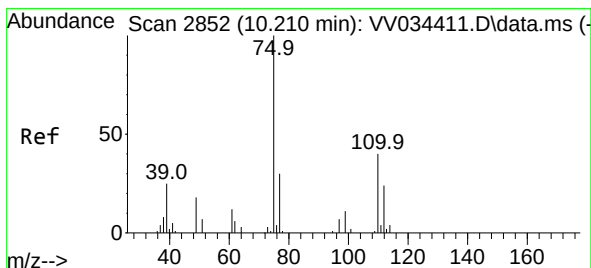
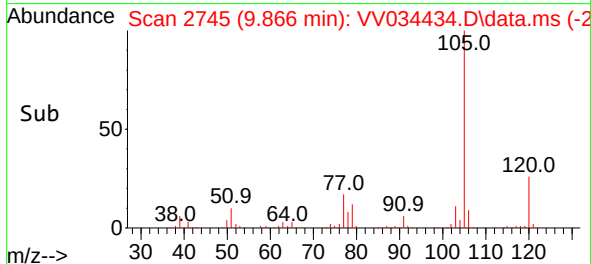
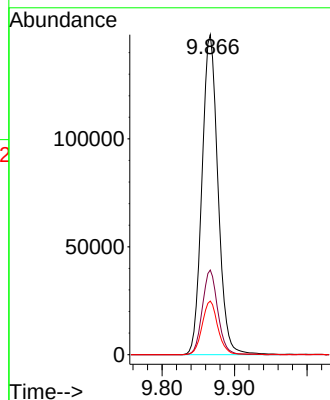
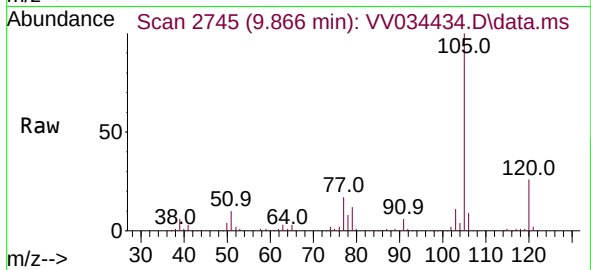




#60
Isopropylbenzene
Concen: 5.301 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

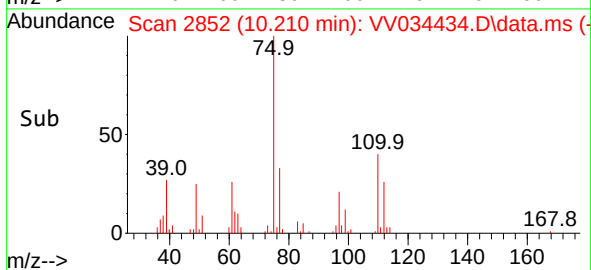
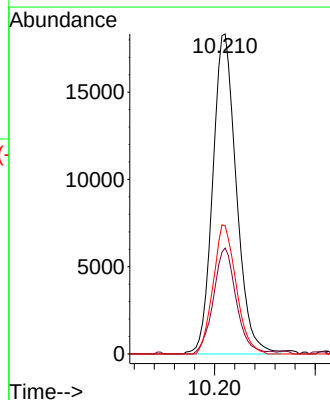
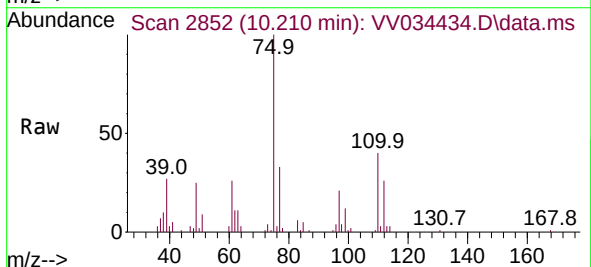
Instrument :
MSVOA_V
ClientSampleId :

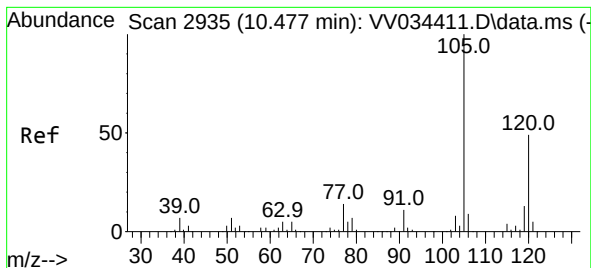
Tgt Ion:105 Resp: 227743
Ion Ratio Lower Upper
105 100
120 25.4 21.3 31.9
77 16.6 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.398 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

Tgt Ion: 75 Resp: 29894
Ion Ratio Lower Upper
75 100
77 32.2 27.7 41.5
110 39.3 32.0 48.0





#62

1,3,5-Trimethylbenzene

Concen: 5.212 ug/L

RT: 10.474 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VV034434.D

Acq: 27 Feb 2024 09:05

Instrument :

MSVOA_V

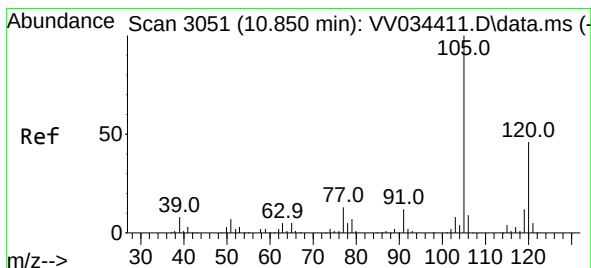
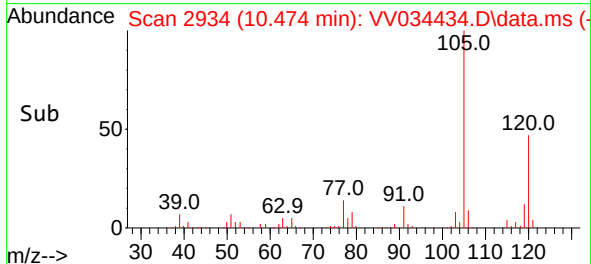
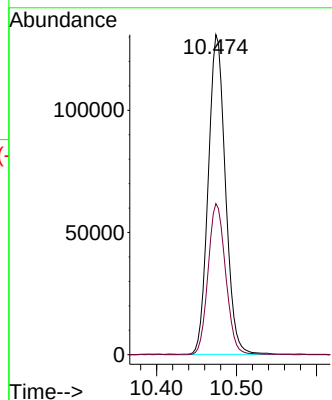
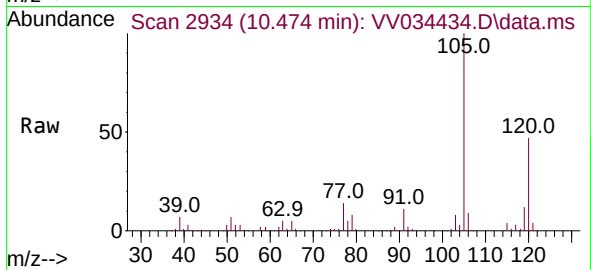
ClientSampleId :

Tgt Ion:105 Resp: 195438

Ion Ratio Lower Upper

105 100

120 48.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 5.257 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034434.D

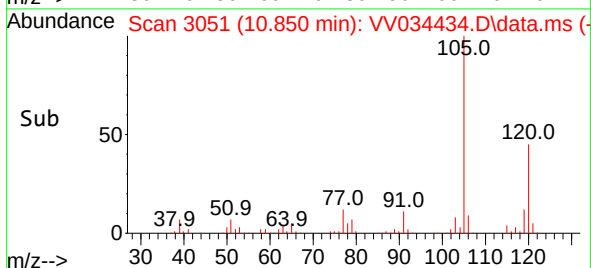
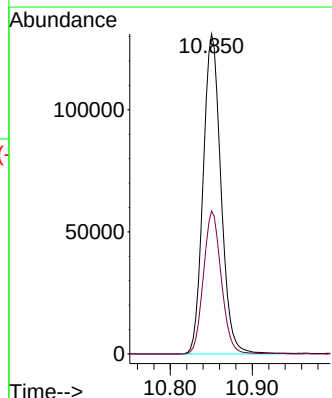
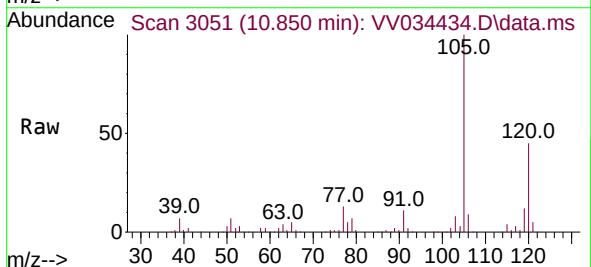
Acq: 27 Feb 2024 09:05

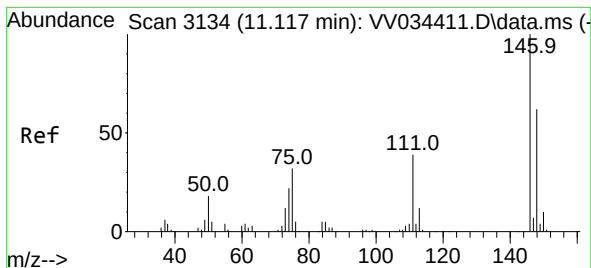
Tgt Ion:105 Resp: 197432

Ion Ratio Lower Upper

105 100

120 44.6 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 5.295 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV034434.D

Acq: 27 Feb 2024 09:05

Instrument :

MSVOA_V

ClientSampleId :

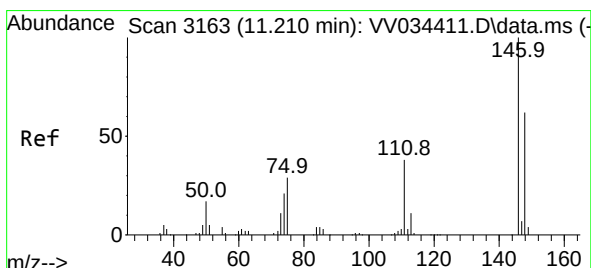
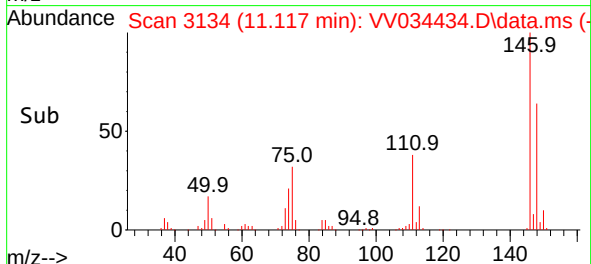
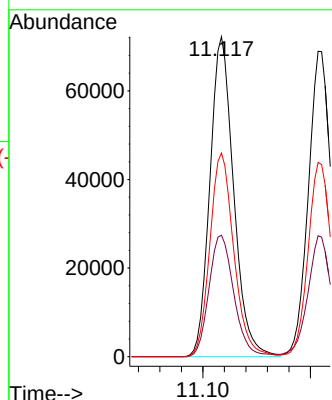
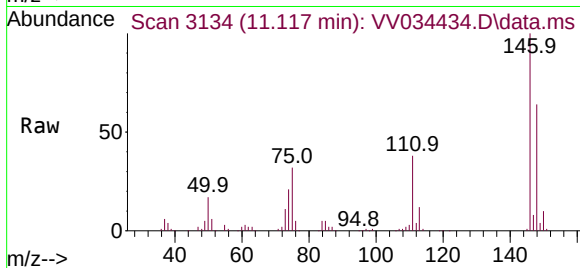
Tgt Ion:146 Resp: 110497

Ion Ratio Lower Upper

146 100

111 38.0 27.0 50.2

148 63.6 43.1 80.1



#65

1,4-Dichlorobenzene

Concen: 5.163 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VV034434.D

Acq: 27 Feb 2024 09:05

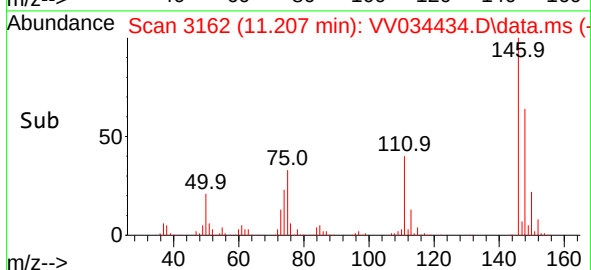
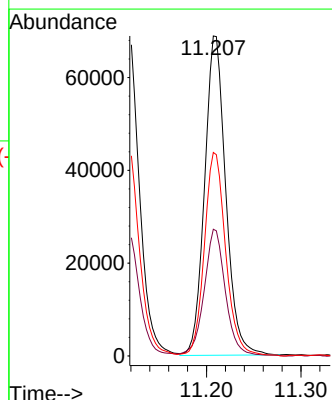
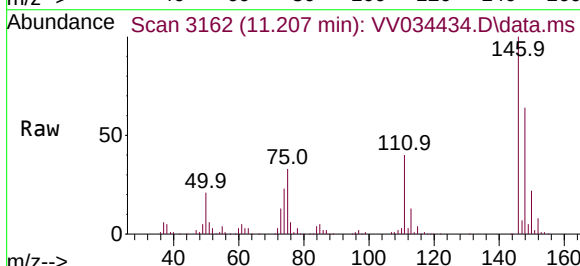
Tgt Ion:146 Resp: 106926

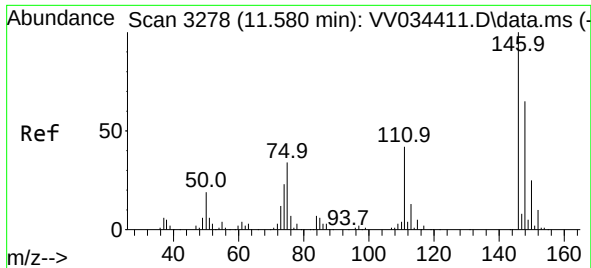
Ion Ratio Lower Upper

146 100

111 39.6 27.2 50.6

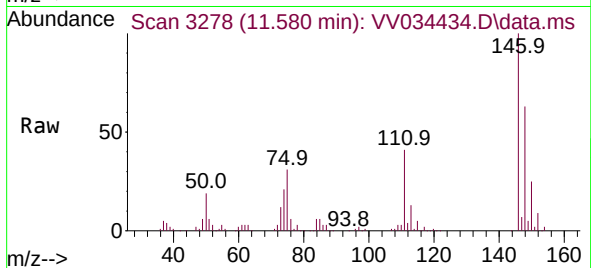
148 63.6 43.5 80.9



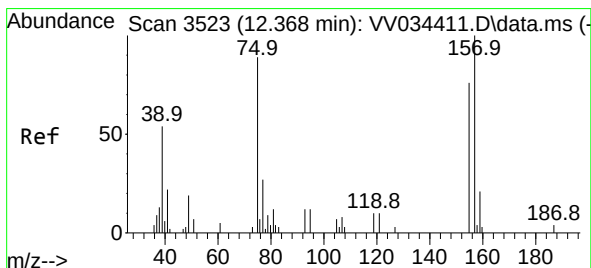
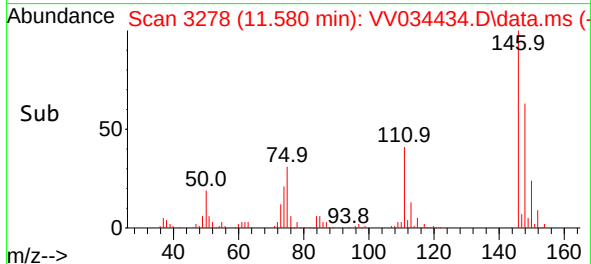
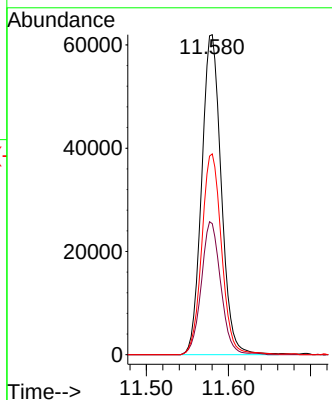


#67
1,2-Dichlorobenzene
Concen: 5.248 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

Instrument :
MSVOA_V
ClientSampleId :

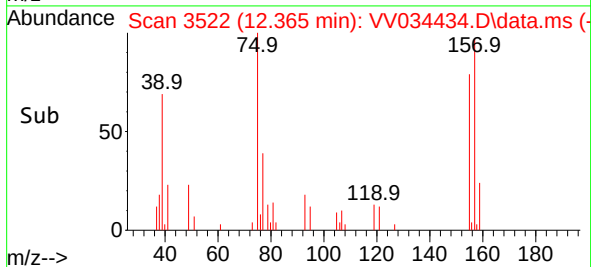
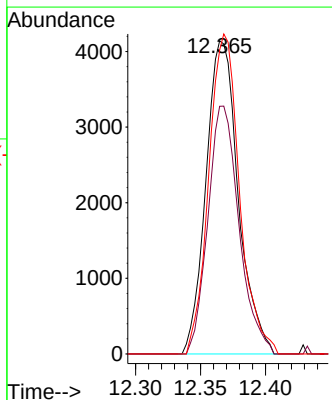
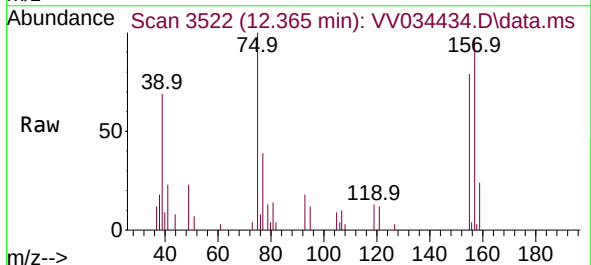


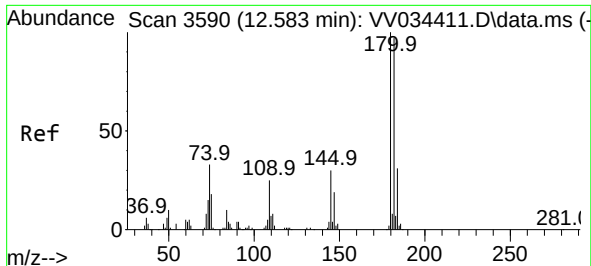
Tgt Ion:146 Resp: 102648
Ion Ratio Lower Upper
146 100
111 40.9 32.2 48.4
148 62.8 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.119 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. -0.003 min
Lab File: VV034434.D
Acq: 27 Feb 2024 09:05

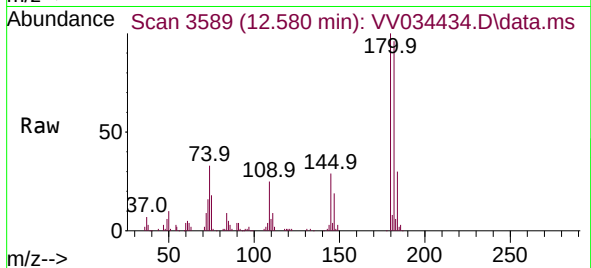
Tgt Ion: 75 Resp: 7162
Ion Ratio Lower Upper
75 100
155 79.1 60.0 90.0
157 97.0 78.6 117.8





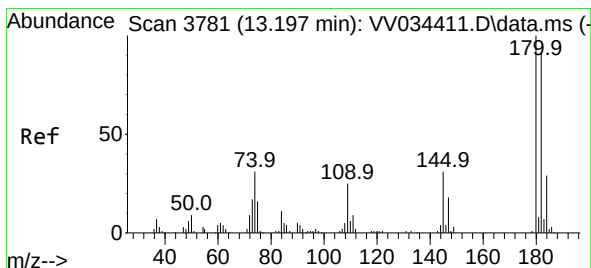
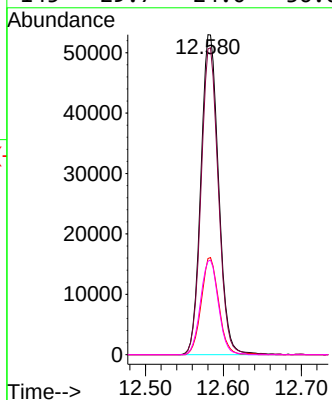
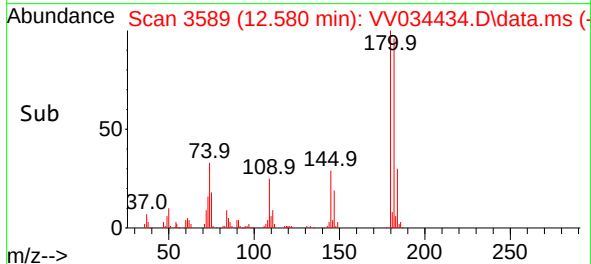
#69
 1,3,5-Trichlorobenzene
 Concen: 5.215 ug/L
 RT: 12.580 min Scan# 3589
 Delta R.T. -0.003 min
 Lab File: VV034434.D
 Acq: 27 Feb 2024 09:05

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 83492

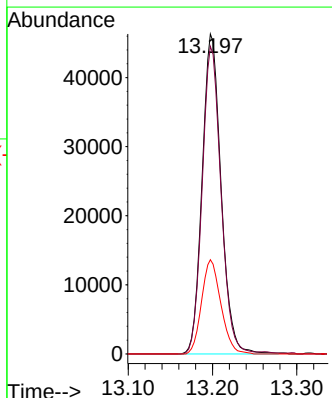
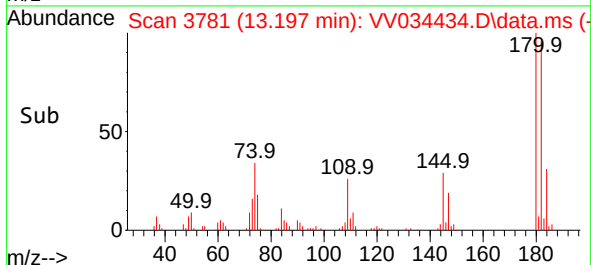
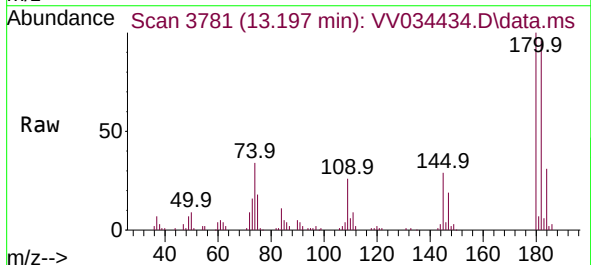
Ion	Ratio	Lower	Upper
180	100		
182	93.6	77.8	116.6
184	29.7	23.8	35.8
145	29.7	24.0	36.0

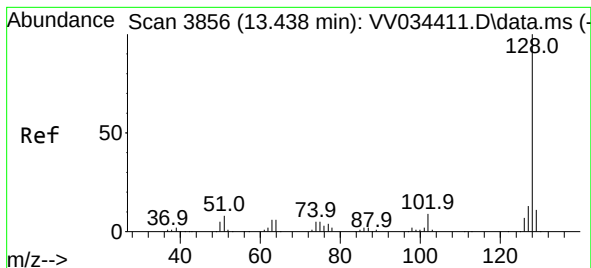


#70
 1,2,4-trichlorobenzene
 Concen: 5.189 ug/L
 RT: 13.197 min Scan# 3781
 Delta R.T. 0.000 min
 Lab File: VV034434.D
 Acq: 27 Feb 2024 09:05

Tgt Ion:180 Resp: 72524

Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.3	112.9
145	30.0	23.6	35.4





#71

Naphthalene

Concen: 4.929 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV034434.D

Acq: 27 Feb 2024 09:05

Instrument :

MSVOA_V

ClientSampleId :

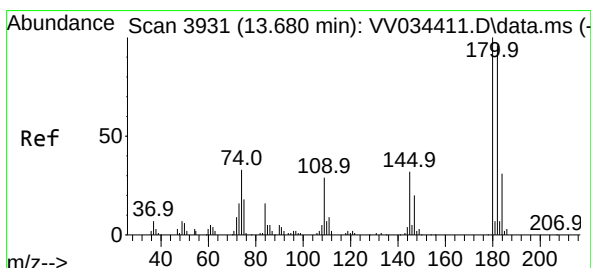
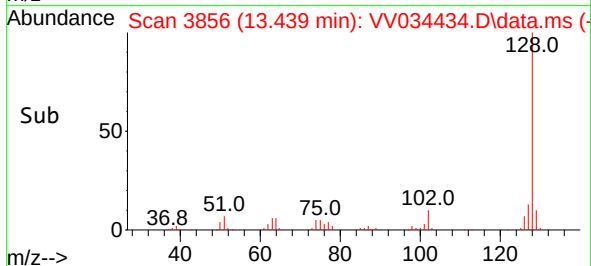
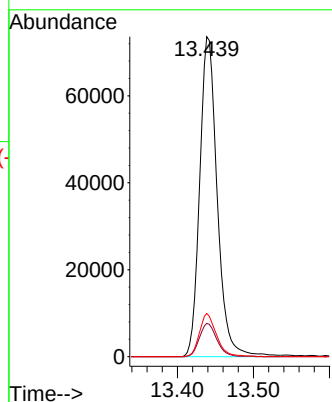
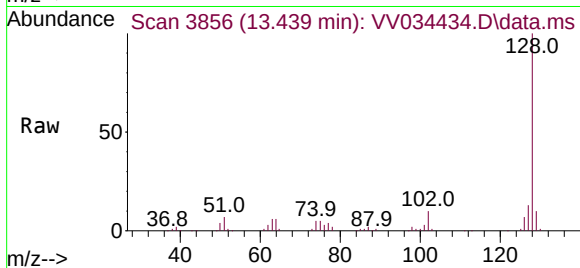
Tgt Ion:128 Resp: 117703

Ion Ratio Lower Upper

128 100

129 10.3 8.4 12.6

127 13.1 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.157 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034434.D

Acq: 27 Feb 2024 09:05

Tgt Ion:180 Resp: 64559

Ion Ratio Lower Upper

180 100

182 93.3 76.1 114.1

145 32.7 25.8 38.6

