

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041024\
 Data File : VW035098.D
 Acq On : 10 Apr 2024 10:52
 Operator : SY/MD
 Sample : P1979-02MS 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0M17MS

Quant Time: Apr 11 06:56:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	249714	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	247294	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	121059	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	102216	42.385	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.760%
7) Chloroethane-d5	1.523	69	96597	46.116	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.240%
11) 1,1-Dichloroethene-d2	2.056	65	46657	44.135	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.280%
21) 2-Butanone-d5	3.783	46	191375	133.802	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.800%#
24) Chloroform-d	4.246	84	220075	54.276	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.560%
26) 1,2-Dichloroethane-d4	4.937	65	143474	55.733	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.460%
32) Benzene-d6	4.957	84	405772	48.849	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.700%
36) 1,2-Dichloropropane-d6	5.985	67	141133	53.504	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.000%
41) Toluene-d8	7.239	98	349949	46.779	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.560%
43) trans-1,3-Dichloroprop...	7.551	79	59731	46.579	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.160%
47) 2-Hexanone-d5	8.021	63	117935	118.254	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.250%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	213574	58.796	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	135258	49.763	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	62302	34.424	ug/L	99
3) Chloromethane	1.214	50	106998	45.987	ug/L	100
5) Vinyl chloride	1.281	62	100148	41.058	ug/L	99
6) Bromomethane	1.474	94	72983	39.916	ug/L	98
8) Chloroethane	1.542	64	71128	42.696	ug/L	96
9) Trichlorofluoromethane	1.709	101	120574	37.662	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	72639	37.070	ug/L	99
12) 1,1-Dichloroethene	2.066	96	72604	38.741	ug/L	99
13) Acetone	2.108	43	135778	103.402	ug/L	99
14) Carbon disulfide	2.236	76	176457	33.435	ug/L	100
15) Methyl Acetate	2.368	43	140848	68.066	ug/L	98
16) Methylene chloride	2.442	84	109644	53.994	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	75994	41.941	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	348718	54.793	ug/L	98
19) 1,1-Dichloroethane	3.108	63	191116	51.435	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	99715	48.464	ug/L	97
22) 2-Butanone	3.863	43	166241	109.102	ug/L	99
23) Bromochloromethane	4.146	128	55538	53.951	ug/L	96
25) Chloroform	4.272	83	190470	51.848	ug/L	98

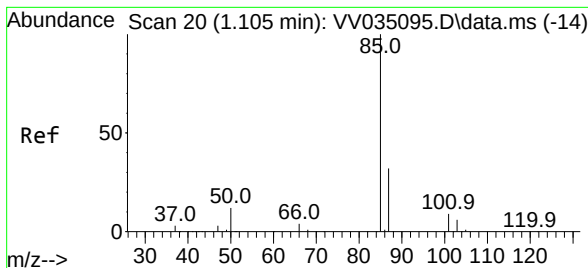
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041024\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	159683	54.595	ug/L	100
29) Cyclohexane	4.580	56	100556	32.466	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	136944	42.483	ug/L	99
31) Carbon tetrachloride	4.731	117	107488	39.342	ug/L	99
33) Benzene	5.008	78	360638	44.722	ug/L	100
34) Trichloroethene	5.831	95	84444	38.802	ug/L	99
35) Methylcyclohexane	6.047	83	105562	32.118	ug/L	97
37) 1,2-Dichloropropane	6.092	63	114234	51.261	ug/L	100
38) Bromodichloromethane	6.429	83	143156	49.788	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	154737	44.078	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	334626	117.609	ug/L	100
42) Toluene	7.313	91	341854	40.493	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	146127	45.308	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	112478	53.550	ug/L	99
46) Tetrachloroethene	7.902	164	56607	37.231	ug/L	100
48) 2-Hexanone	8.072	43	278865	115.238	ug/L	99
49) Dibromochloromethane	8.175	129	105637	50.779	ug/L	99
50) 1,2-Dibromoethane	8.281	107	115719	51.172	ug/L	97
51) Chlorobenzene	8.812	112	222526	40.669	ug/L	99
52) Ethylbenzene	8.944	91	346079	36.988	ug/L	99
53) m,p-Xylene	9.072	106	127428	36.982	ug/L	99
54) o-Xylene	9.477	106	131225	38.490	ug/L	97
55) Styrene	9.493	104	232311	40.322	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	192322	56.512	ug/L	99
59) Bromoform	9.664	173	77186	55.637	ug/L	99
60) Isopropylbenzene	9.866	105	336357	38.541	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	151768	57.854	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	210333	37.109	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	265643	37.907	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	165642	40.614	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	169482	40.864	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	179797	44.254	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	41032	56.775	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	114388	38.916	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	101062	37.430	ug/L	98
71) Naphthalene	13.439	128	296379	39.565	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	112508	42.273	ug/L	98

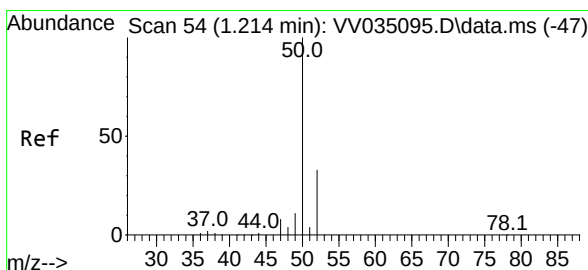
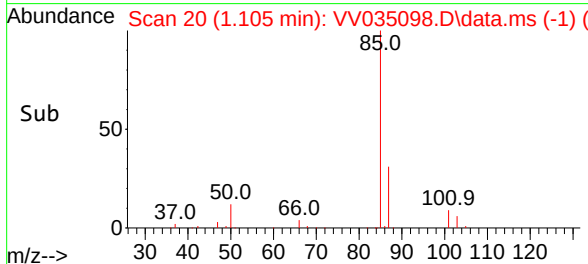
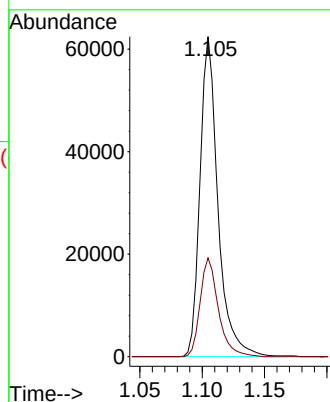
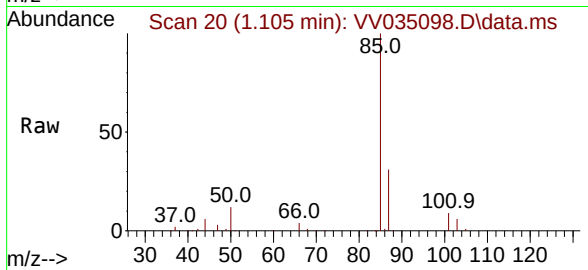
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#2
 Dichlorodifluoromethane
 Concen: 34.424 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV035098.D
 Acq: 10 Apr 2024 10:52

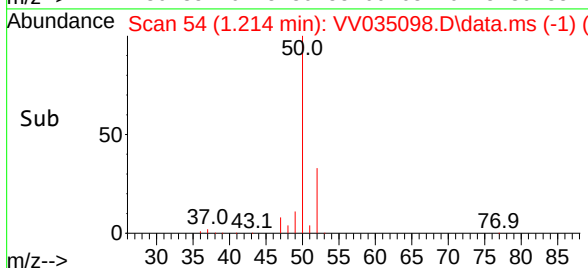
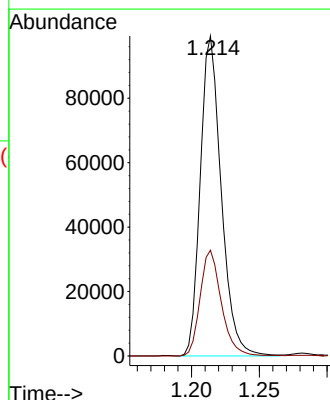
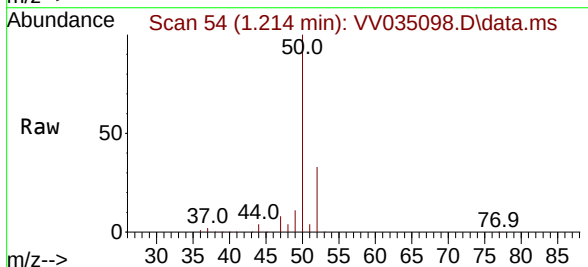
Instrument :
 MSVOA_V
 ClientSampleId :
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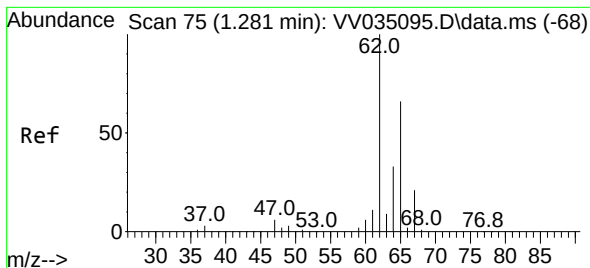
Tgt Ion: 85 Resp: 62302
 Ion Ratio Lower Upper
 85 100
 87 31.3 25.7 38.5



#3
 Chloromethane
 Concen: 45.987 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV035098.D
 Acq: 10 Apr 2024 10:52

Tgt Ion: 50 Resp: 106998
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.0 42.8





#5

Vinyl chloride

Concen: 41.058 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.003 min

Lab File: VV035098.D

Acq: 10 Apr 2024 10:52

Instrument :

MSVOA_V

ClientSampleId :

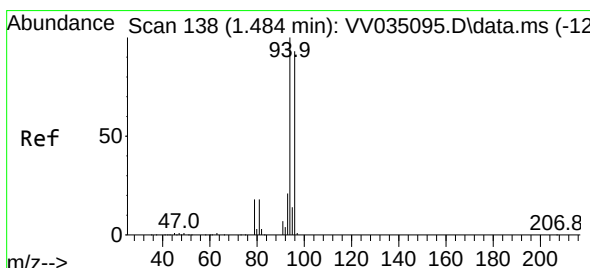
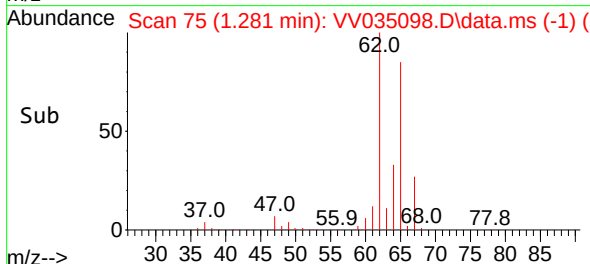
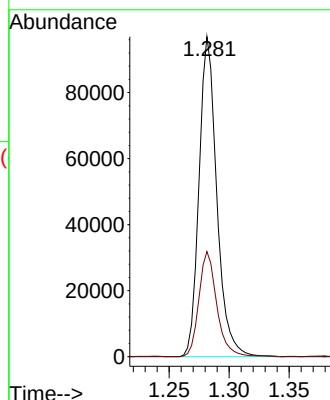
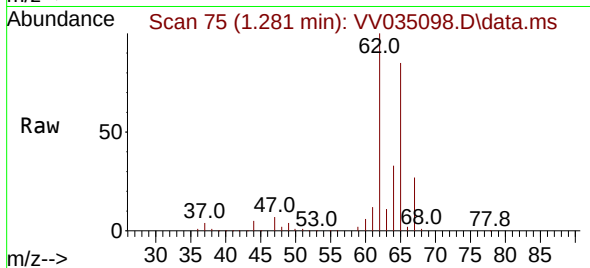
E0M17MS

Tgt Ion: 62 Resp: 100148

Ion Ratio Lower Upper

62 100

64 32.9 23.6 43.8



#6

Bromomethane

Concen: 39.916 ug/L

RT: 1.474 min Scan# 135

Delta R.T. -0.013 min

Lab File: VV035098.D

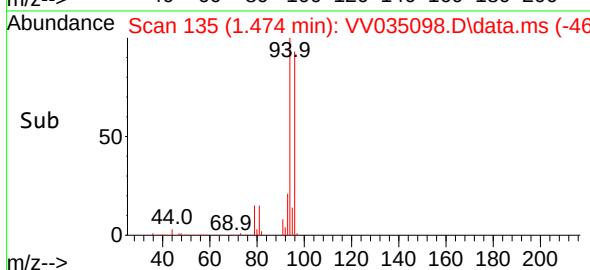
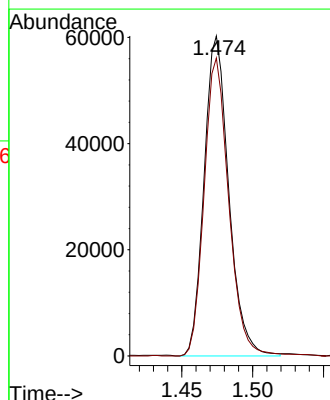
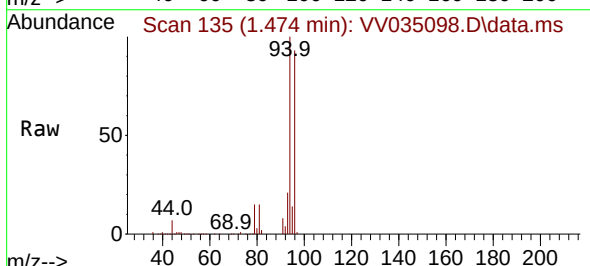
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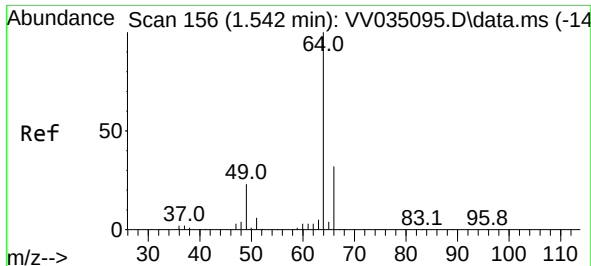
Tgt Ion: 94 Resp: 72983

Ion Ratio Lower Upper

94 100

96 93.1 66.3 123.1

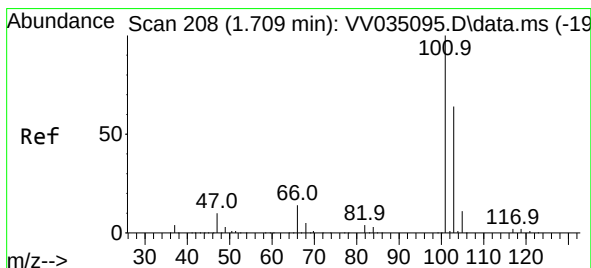
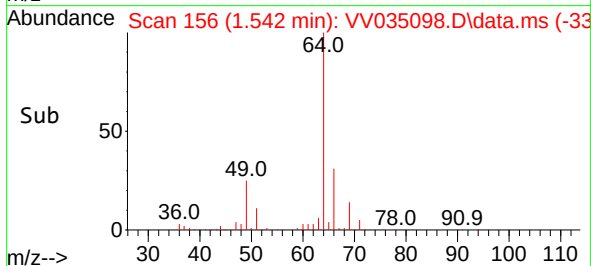
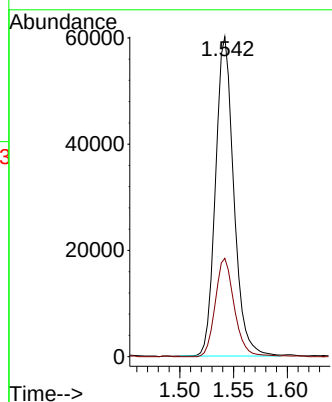
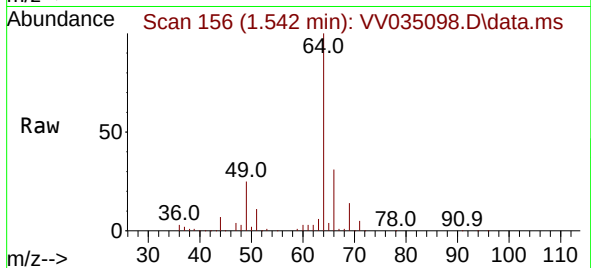




#8
Chloroethane
Concen: 42.696 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

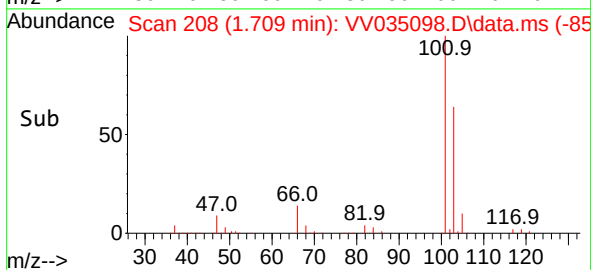
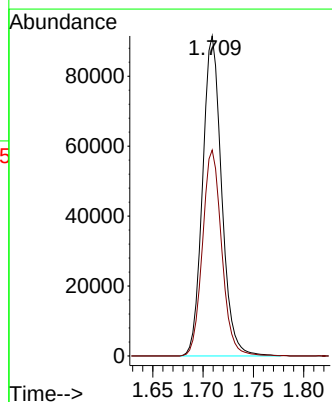
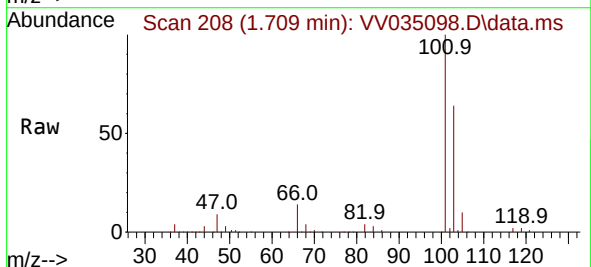
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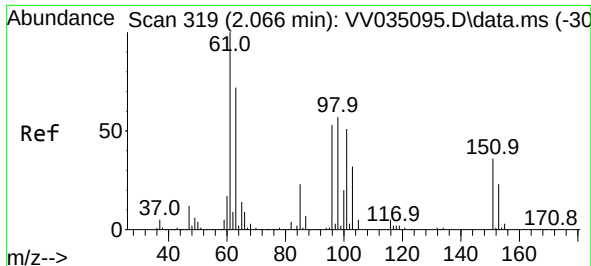
Tgt Ion: 64 Resp: 71128
Ion Ratio Lower Upper
64 100
66 30.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 37.662 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

Tgt Ion:101 Resp: 120574
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4

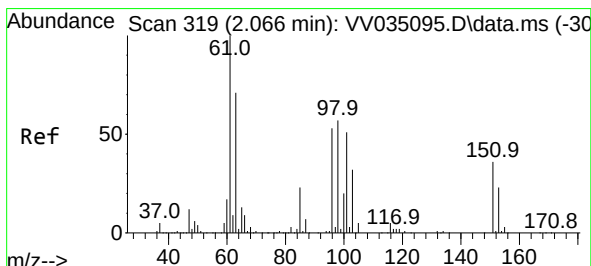
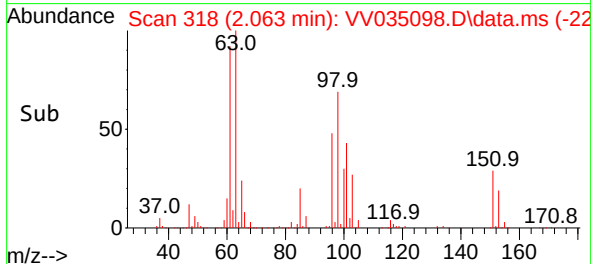
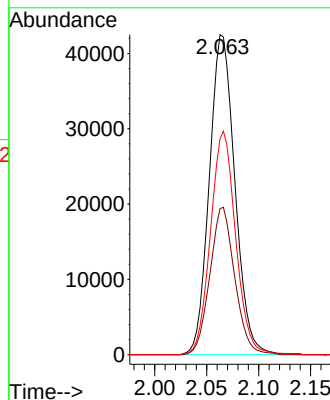
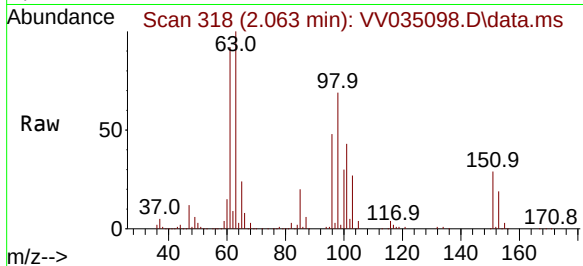




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 37.070 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV035098.D
 Acq: 10 Apr 2024 10:52

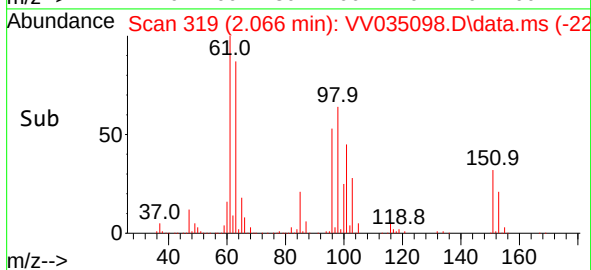
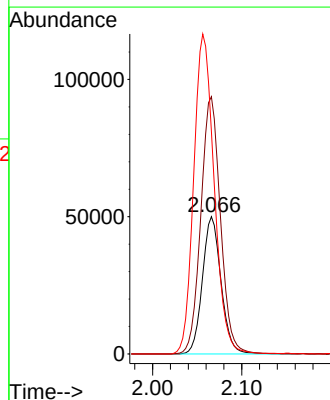
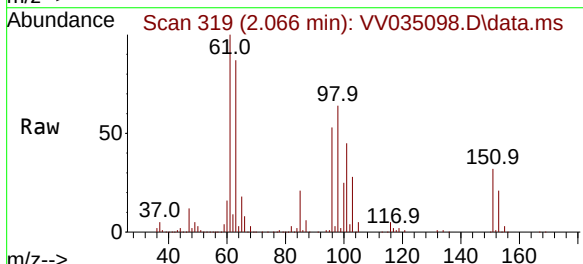
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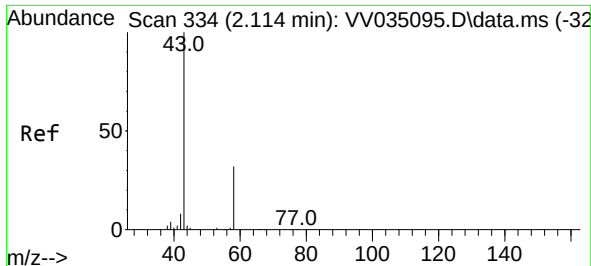
Tgt Ion:101 Resp: 72639
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.3 52.9
 151 68.8 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 38.741 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV035098.D
 Acq: 10 Apr 2024 10:52

Tgt Ion: 96 Resp: 72604
 Ion Ratio Lower Upper
 96 100
 61 187.4 131.5 244.3
 63 162.2 111.4 206.8





#13

Acetone

Concen: 103.402 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV035098.D

Acq: 10 Apr 2024 10:52

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MSVOA_V

ClientSampleId :

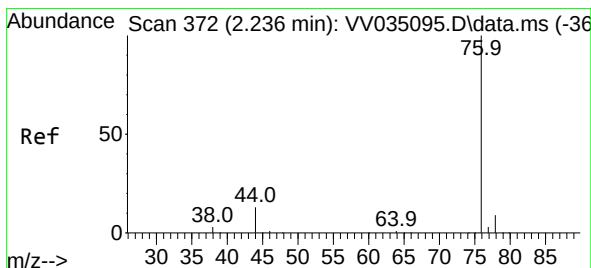
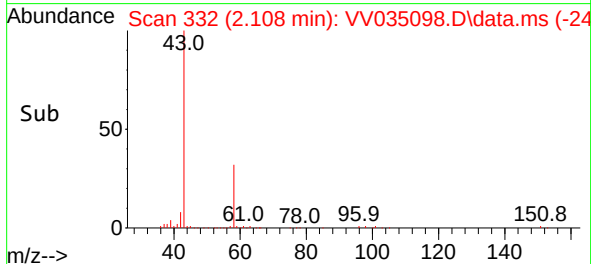
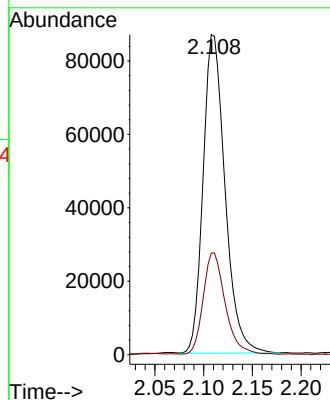
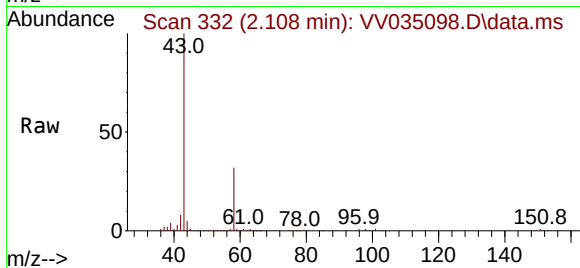
E0M17MS

Tgt Ion: 43 Resp: 135778

Ion Ratio Lower Upper

43 100

58 32.2 0.0 66.0



#14

Carbon disulfide

Concen: 33.435 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV035098.D

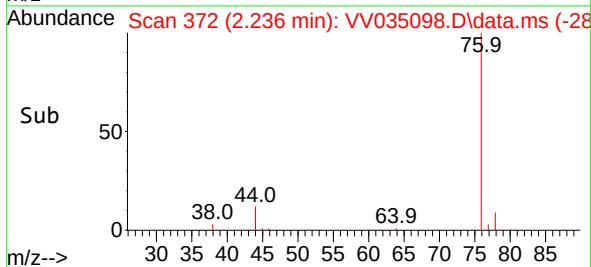
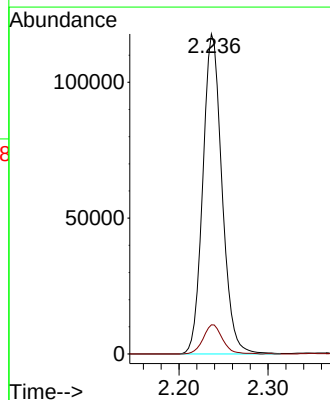
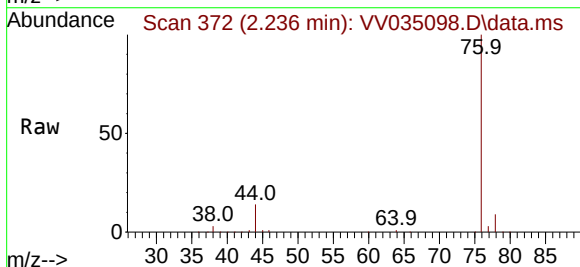
Acq: 10 Apr 2024 10:52

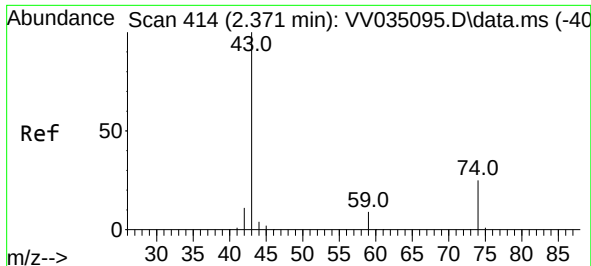
Tgt Ion: 76 Resp: 176457

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

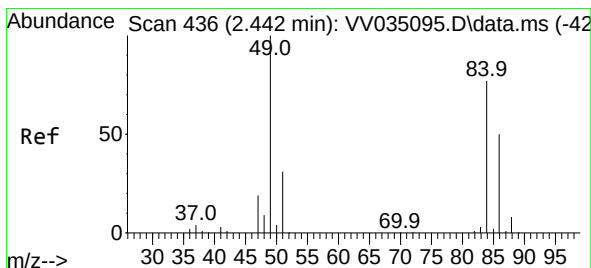
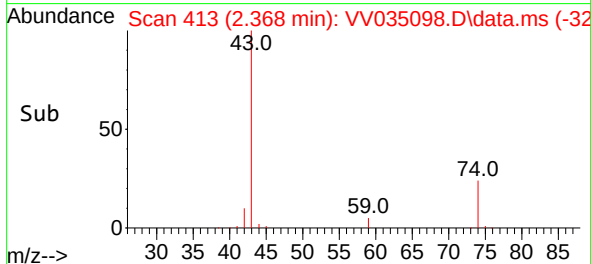
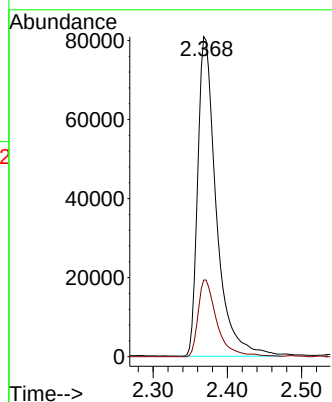
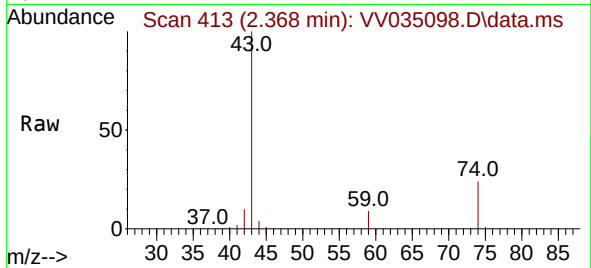




#15
Methyl Acetate
Concen: 68.066 ug/L
RT: 2.368 min Scan# 414
Delta R.T. -0.003 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

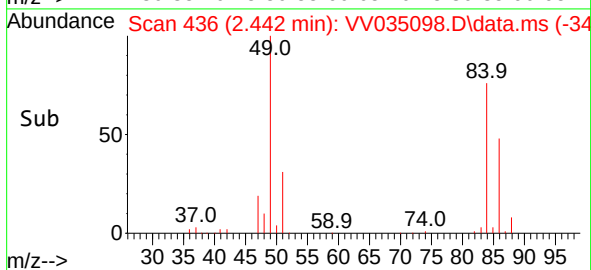
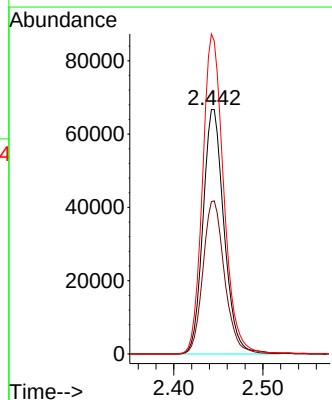
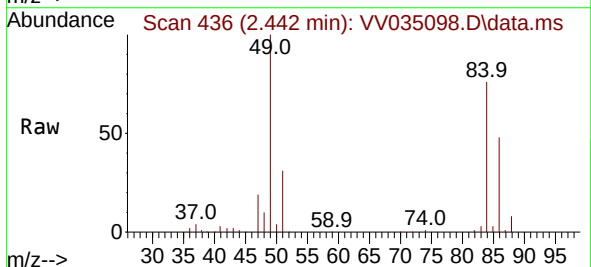
Instrument :
MSVOA_V
ClientSampleId :
E0M17MS

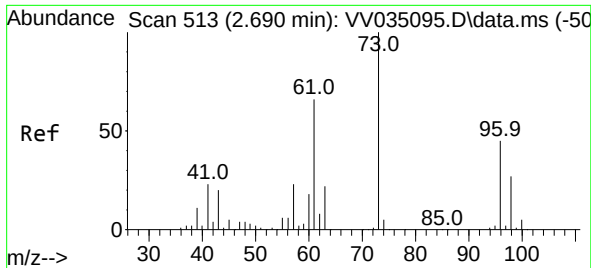
Tgt Ion: 43 Resp: 140848
Ion Ratio Lower Upper
43 100
74 23.7 19.8 29.8



#16
Methylene chloride
Concen: 53.994 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.003 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

Tgt Ion: 84 Resp: 109644
Ion Ratio Lower Upper
84 100
86 62.3 44.6 82.8
49 130.9 86.9 161.3

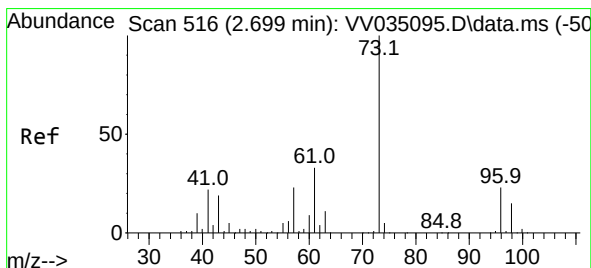
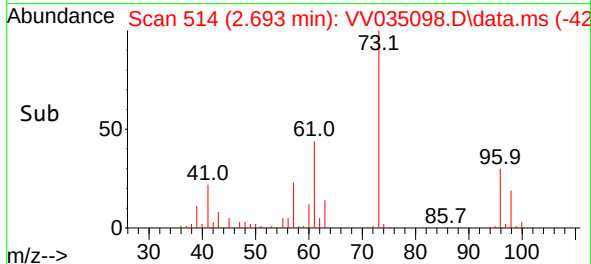
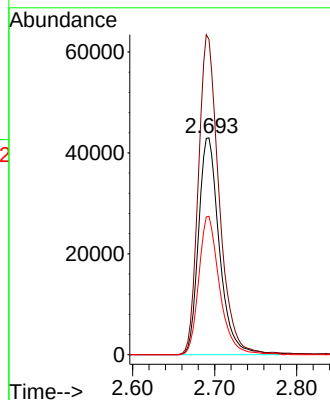
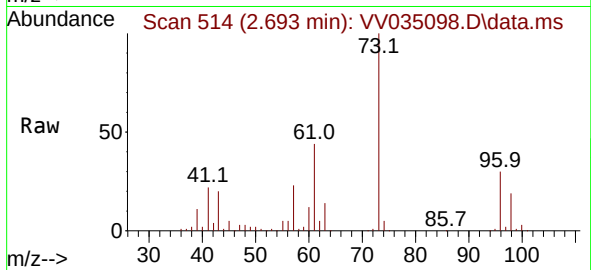




#17
trans-1,2-Dichloroethene
Concen: 41.941 ug/L
RT: 2.693 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

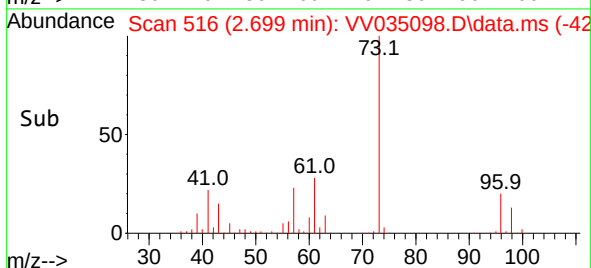
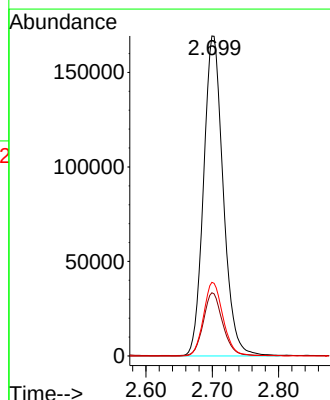
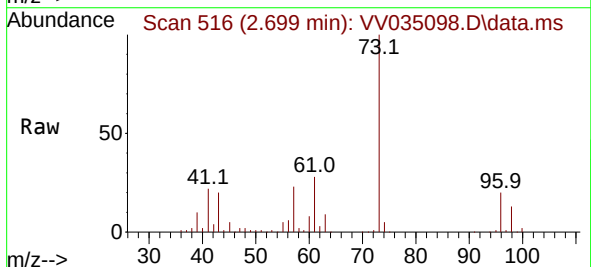
Instrument :
MSVOA_V
ClientSampleId :
E0M17MS

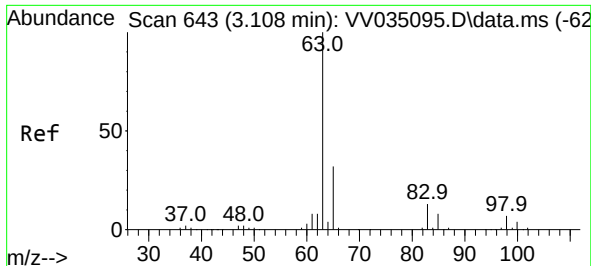
Tgt Ion: 96 Resp: 75994
Ion Ratio Lower Upper
96 100
61 145.4 99.0 183.8
98 63.8 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 54.793 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

Tgt Ion: 73 Resp: 348718
Ion Ratio Lower Upper
73 100
43 19.3 14.6 21.8
57 22.8 17.6 26.4

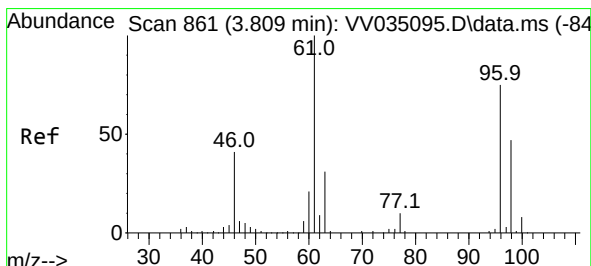
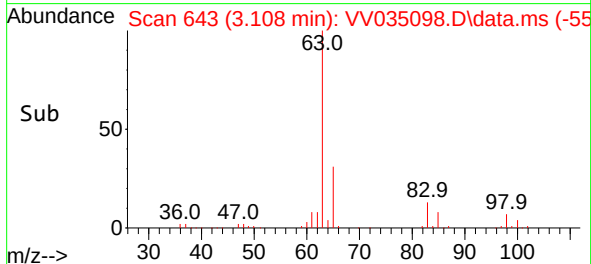
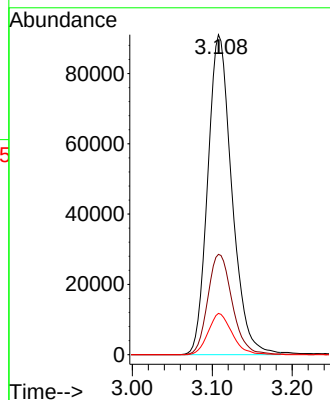
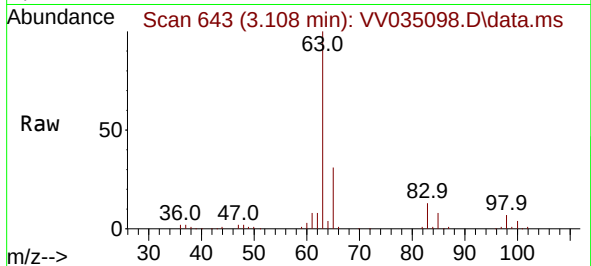




#19
1,1-Dichloroethane
Concen: 51.435 ug/L
RT: 3.108 min Scan# 643
Delta R.T. -0.000 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

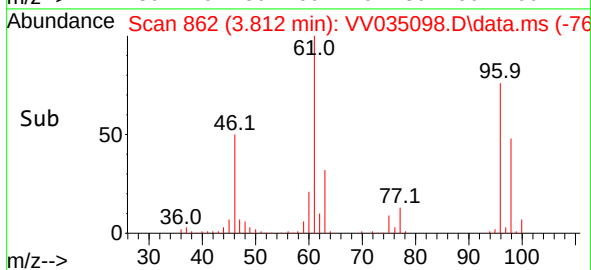
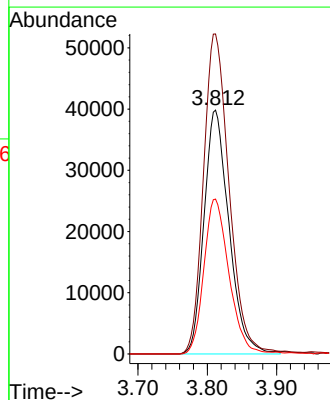
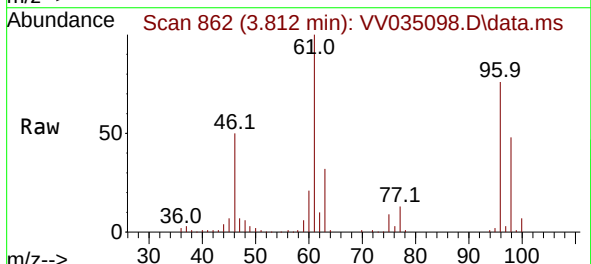
Instrument :
MSVOA_V
ClientSampleId :
E0M17MS

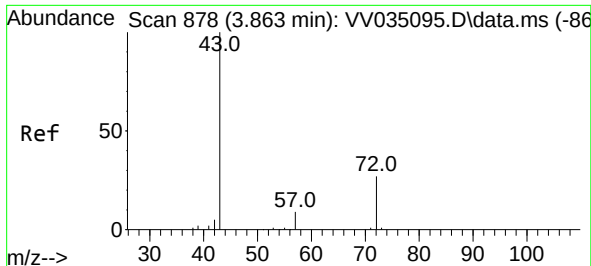
Tgt Ion: 63 Resp: 191116
Ion Ratio Lower Upper
63 100
65 31.3 23.0 42.6
83 12.9 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 48.464 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

Tgt Ion: 96 Resp: 99715
Ion Ratio Lower Upper
96 100
61 131.2 94.9 176.3
98 63.5 45.6 84.8

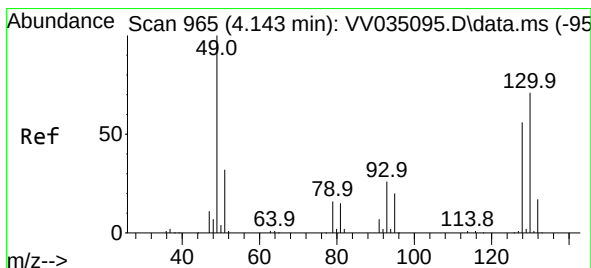
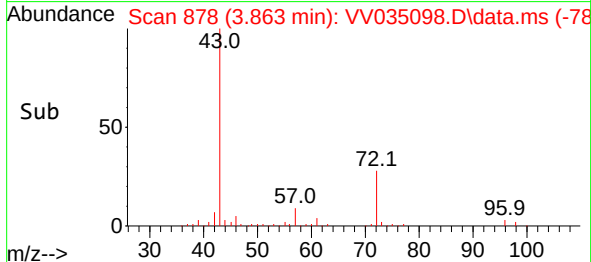
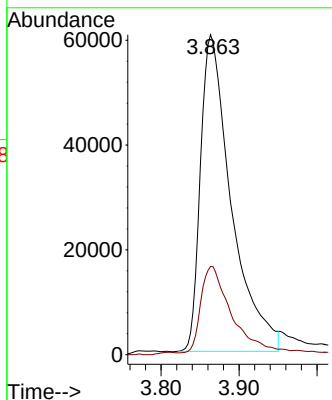
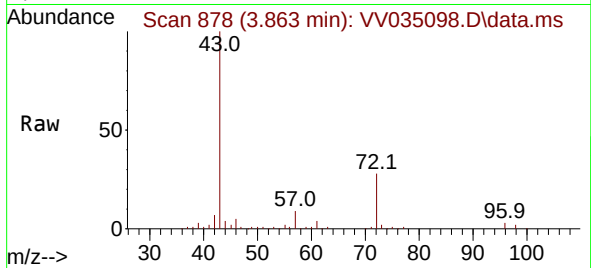




#22
2-Butanone
Concen: 109.102 ug/L
RT: 3.863 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

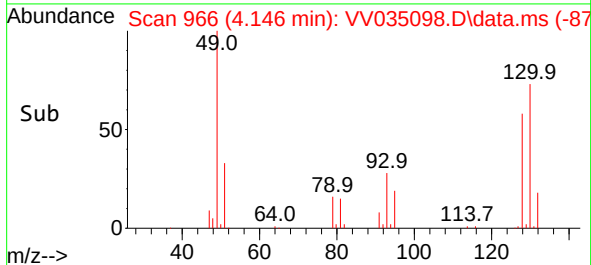
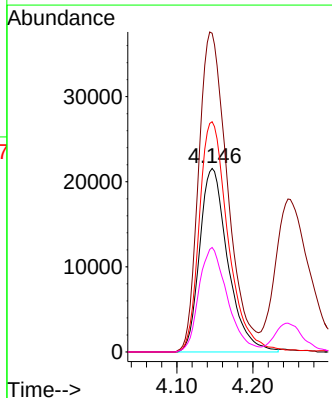
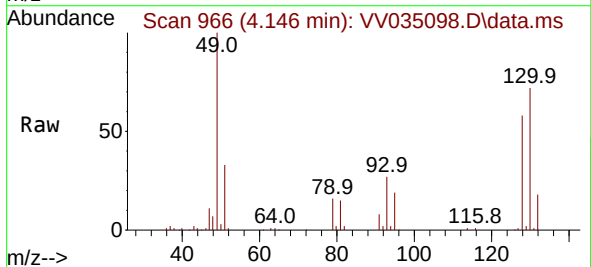
Instrument :
MSVOA_V
ClientSampleId :
E0M17MS

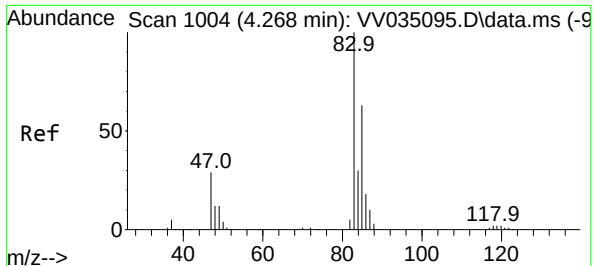
Tgt Ion: 43 Resp: 166241
Ion Ratio Lower Upper
43 100
72 26.7 13.2 39.6



#23
Bromochloromethane
Concen: 53.951 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

Tgt Ion:128 Resp: 55538
Ion Ratio Lower Upper
128 100
49 173.6 123.8 229.8
130 125.4 93.2 173.0
51 57.0 44.0 66.0





#25

Chloroform

Concen: 51.848 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. -0.000 min

Lab File: VV035098.D

Acq: 10 Apr 2024 10:52

Instrument :

MSVOA_V

ClientSampleId :

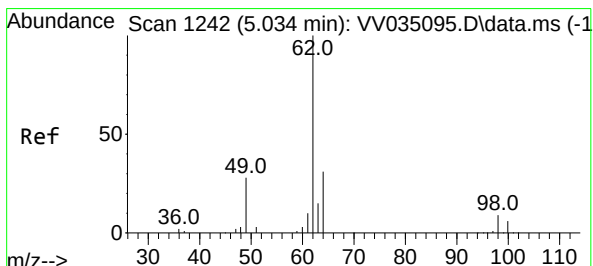
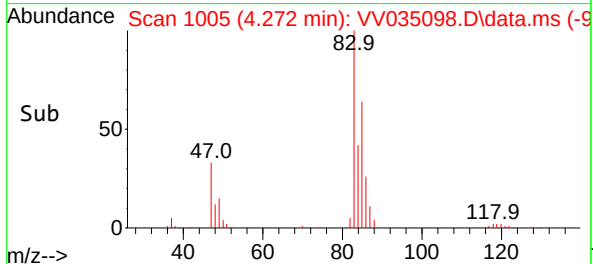
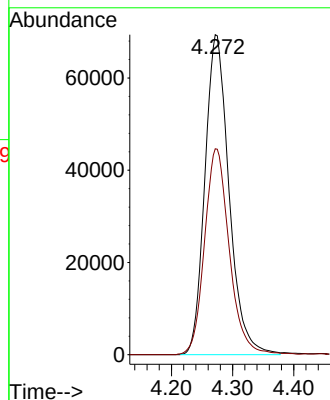
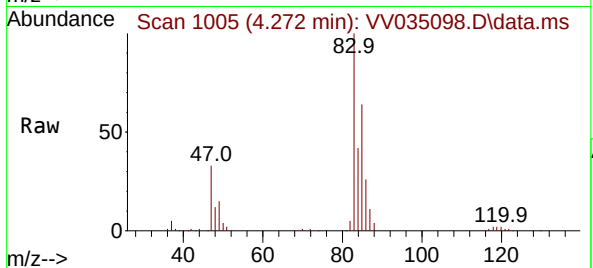
E0M17MS

Tgt Ion: 83 Resp: 190470

Ion Ratio Lower Upper

83 100

85 64.3 46.0 85.4



#27

1,2-Dichloroethane

Concen: 54.595 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV035098.D

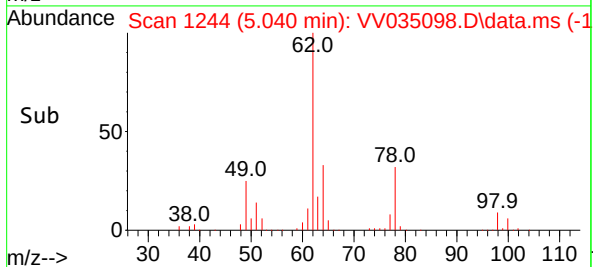
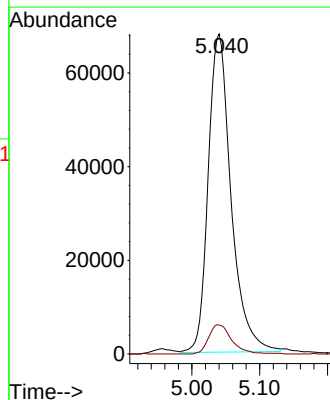
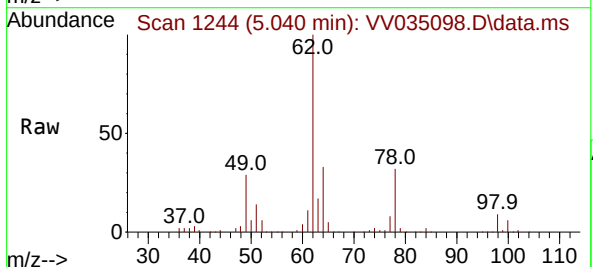
Acq: 10 Apr 2024 10:52

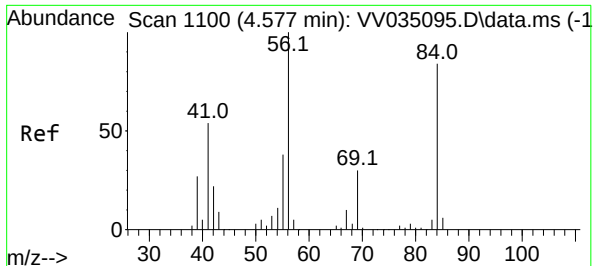
Tgt Ion: 62 Resp: 159683

Ion Ratio Lower Upper

62 100

98 9.1 7.2 10.8

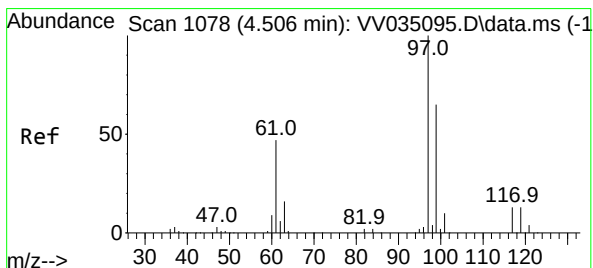
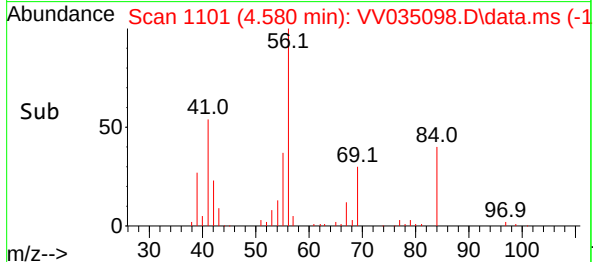
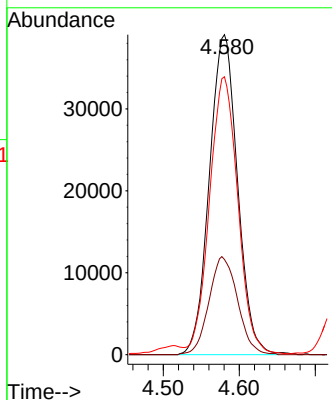
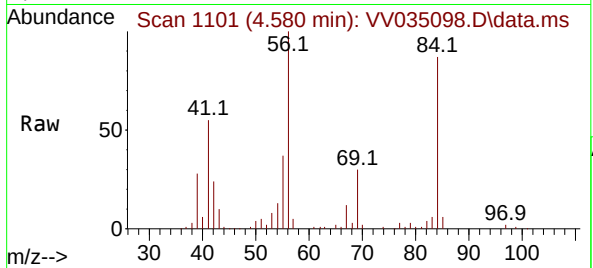




#29
Cyclohexane
Concen: 32.466 ug/L
RT: 4.580 min Scan# 1100
Delta R.T. 0.003 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

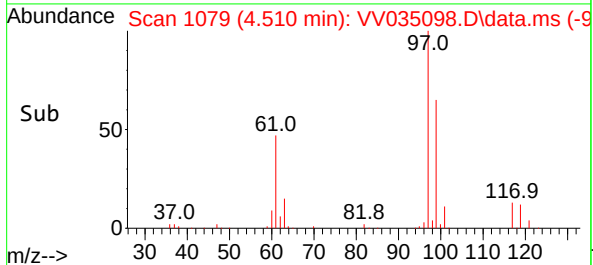
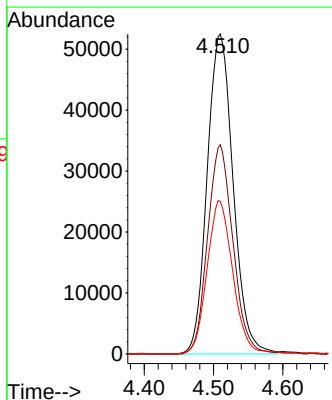
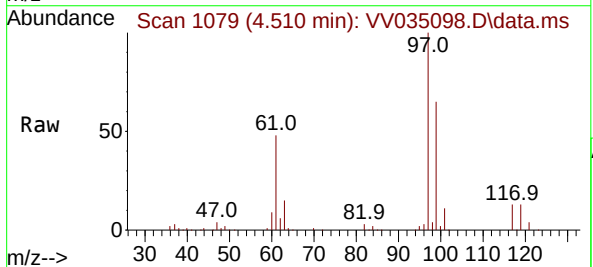
Instrument :
MSVOA_V
ClientSampleId :
E0M17MS

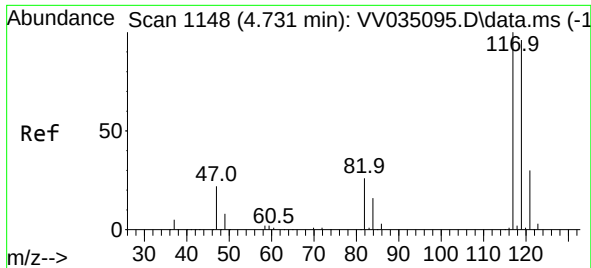
Tgt Ion: 56 Resp: 100556
Ion Ratio Lower Upper
56 100
69 31.0 24.2 36.2
84 87.0 69.8 104.8



#30
1,1,1-Trichloroethane
Concen: 42.483 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

Tgt Ion: 97 Resp: 136944
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.4
61 47.1 36.8 55.2

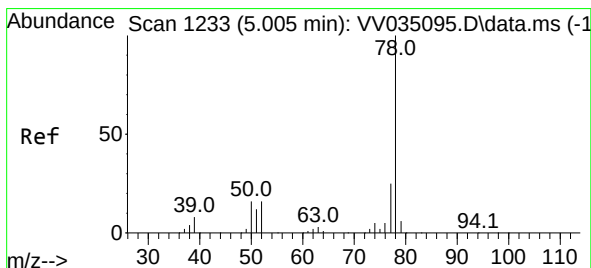
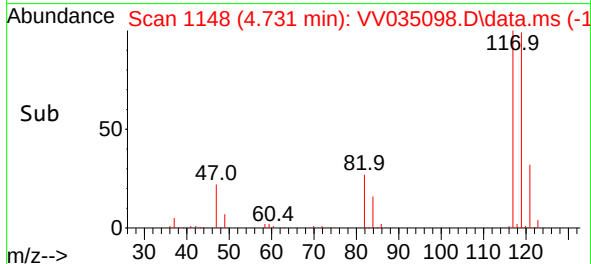
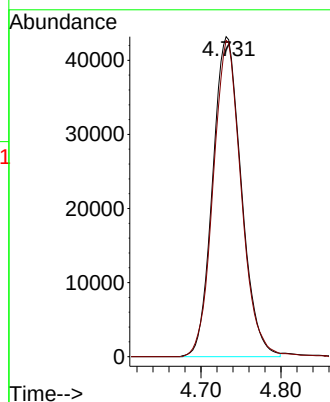
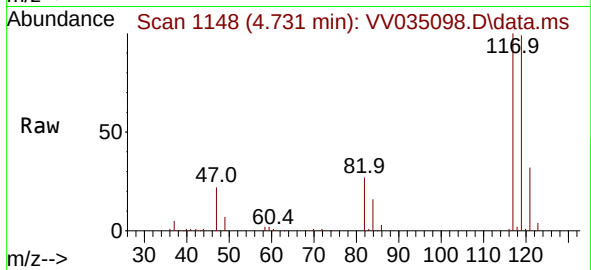




#31
Carbon tetrachloride
Concen: 39.342 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

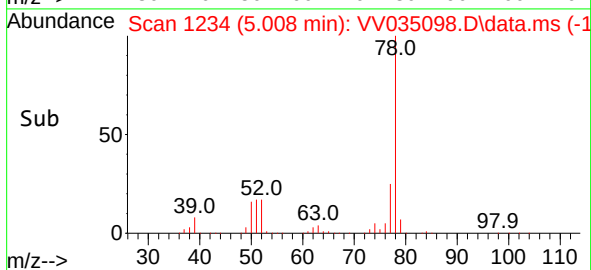
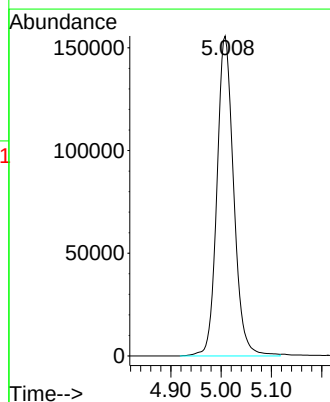
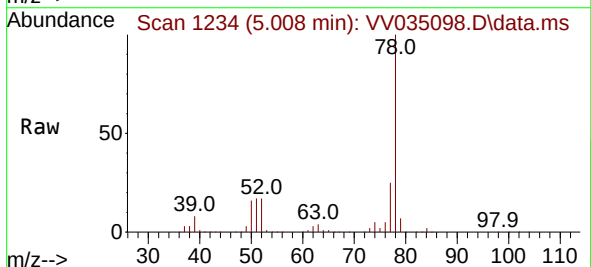
Instrument :
MSVOA_V
ClientSampleId :
E0M17MS

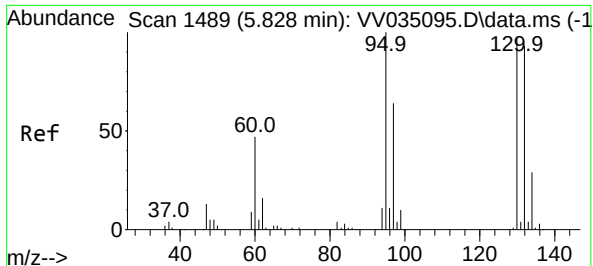
Tgt Ion:117 Resp: 107488
Ion Ratio Lower Upper
117 100
119 97.0 77.1 115.7



#33
Benzene
Concen: 44.722 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

Tgt Ion: 78 Resp: 360638



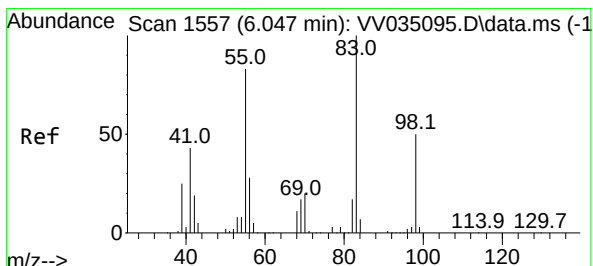
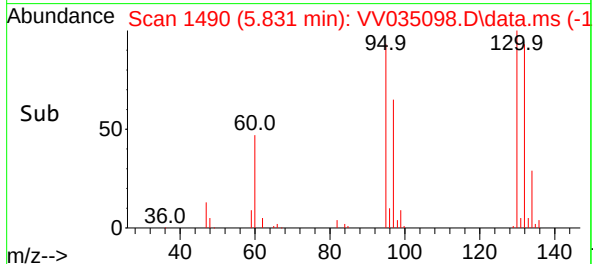
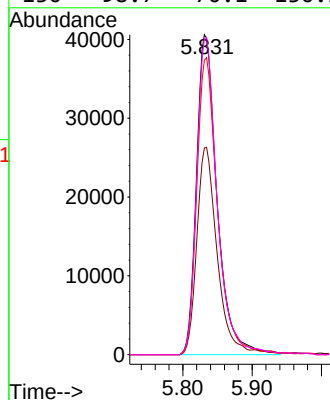
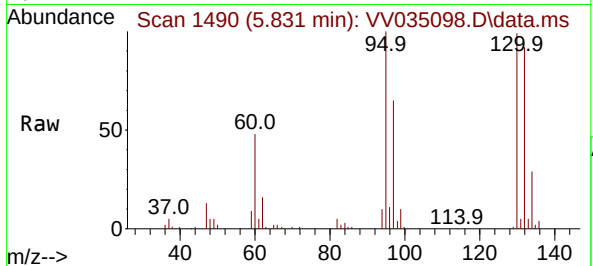


#34
Trichloroethene
Concen: 38.802 ug/L
RT: 5.831 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

Instrument :
MSVOA_V
ClientSampleId :
E0M17MS

Tgt Ion: 95 Resp: 84444

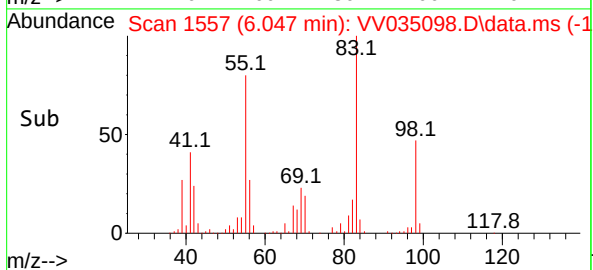
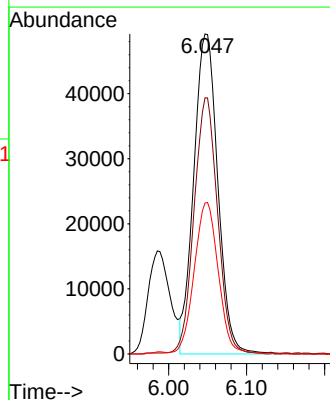
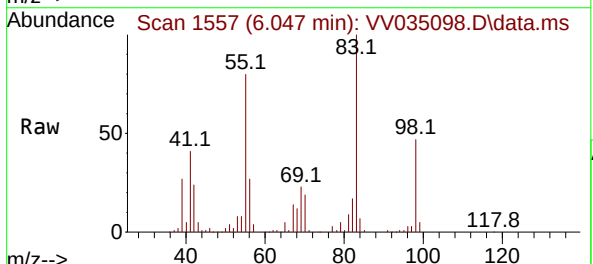
Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.3	84.1
132	92.0	65.3	121.3
130	98.7	70.1	130.3

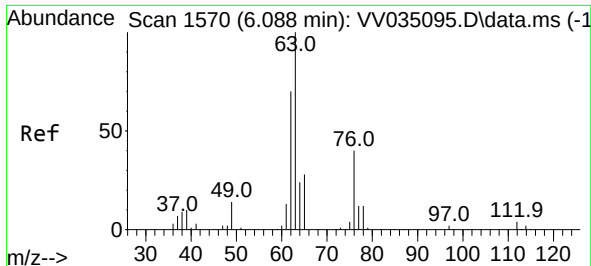


#35
Methylcyclohexane
Concen: 32.118 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

Tgt Ion: 83 Resp: 105562

Ion	Ratio	Lower	Upper
83	100		
55	78.5	60.0	90.0
98	47.4	37.6	56.4





#37

1,2-Dichloropropane

Concen: 51.261 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035098.D

Acq: 10 Apr 2024 10:52

Instrument :

MSVOA_V

ClientSampleId :

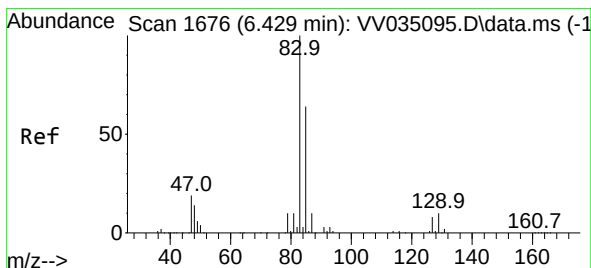
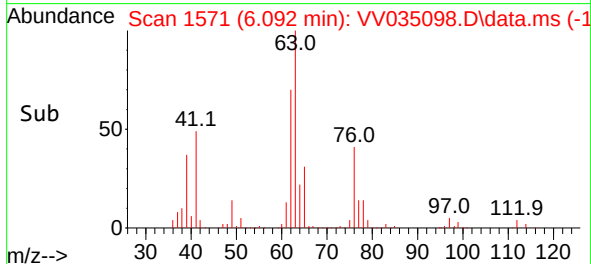
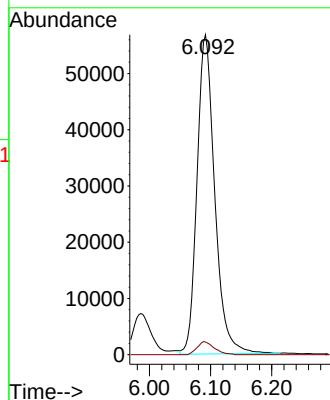
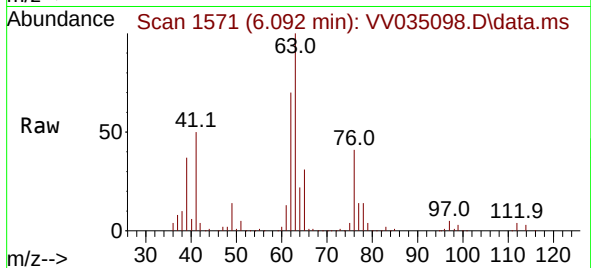
E0M17MS

Tgt Ion: 63 Resp: 114234

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 49.788 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VV035098.D

Acq: 10 Apr 2024 10:52

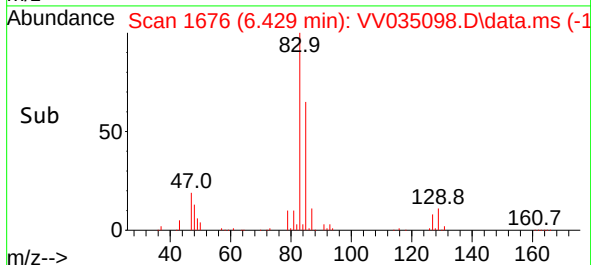
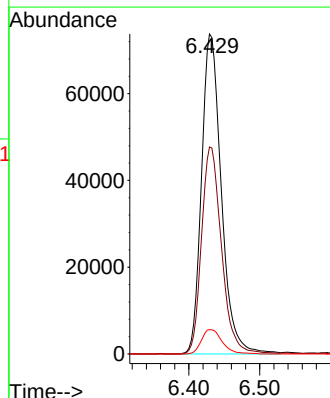
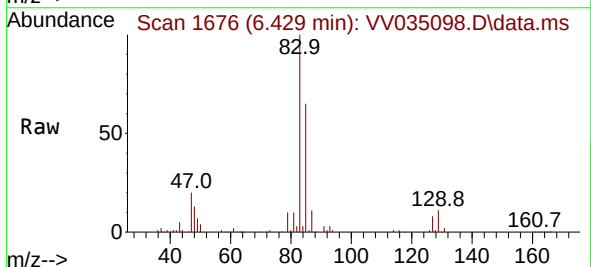
Tgt Ion: 83 Resp: 143156

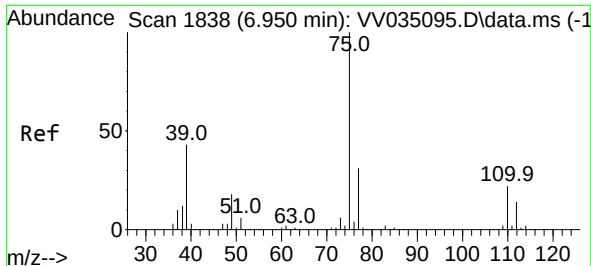
Ion Ratio Lower Upper

83 100

85 64.7 43.7 81.1

127 7.6 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 44.078 ug/L

RT: 6.953 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035098.D

Acq: 10 Apr 2024 10:52

Instrument :

MSVOA_V

ClientSampleId :

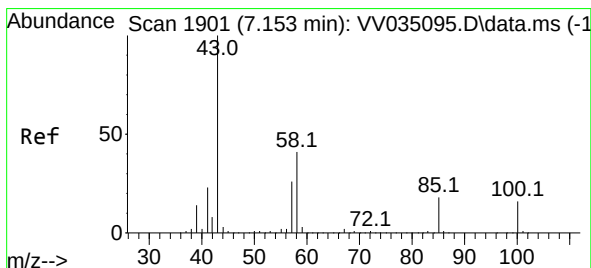
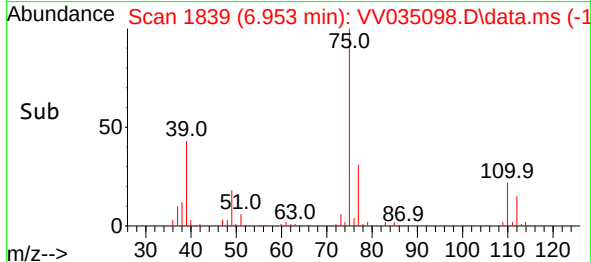
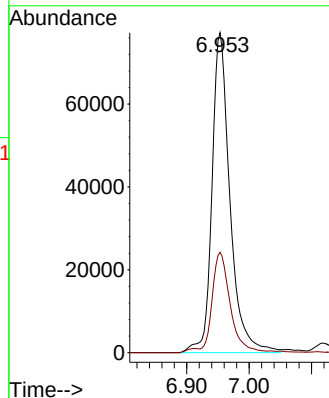
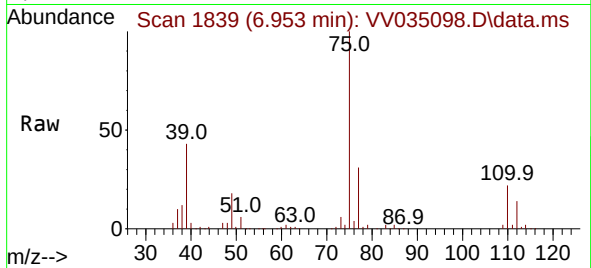
E0M17MS

Tgt Ion: 75 Resp: 154737

Ion Ratio Lower Upper

75 100

77 31.4 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 117.609 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VV035098.D

Acq: 10 Apr 2024 10:52

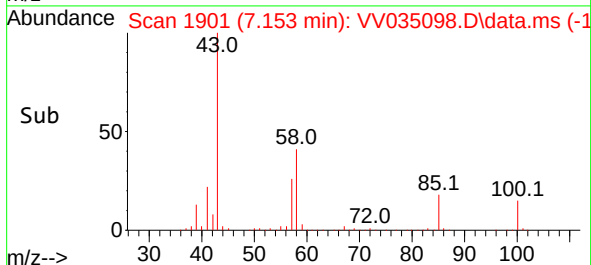
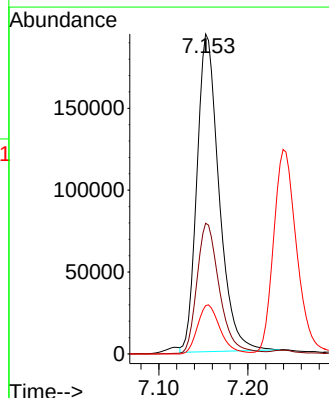
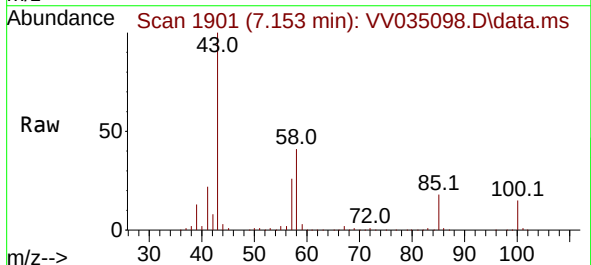
Tgt Ion: 43 Resp: 334626

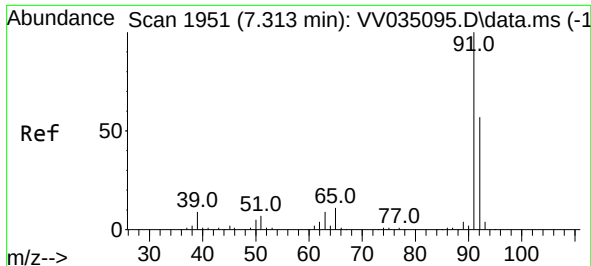
Ion Ratio Lower Upper

43 100

58 42.2 33.8 50.8

100 15.8 13.0 19.4





#42

Toluene

Concen: 40.493 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV035098.D

Acq: 10 Apr 2024 10:52

Instrument :

MSVOA_V

ClientSampleId :

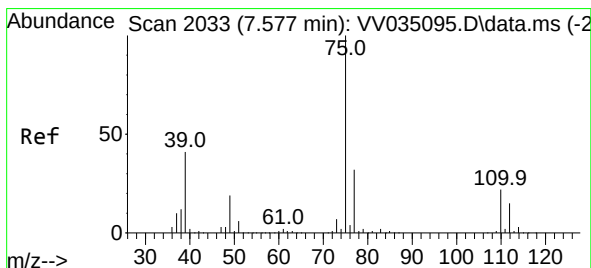
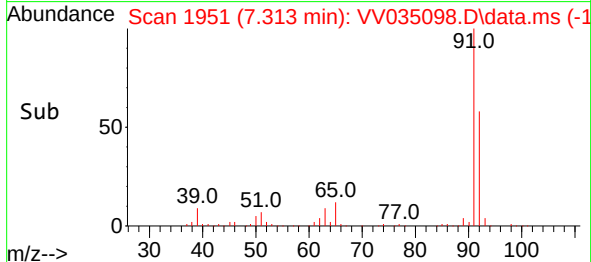
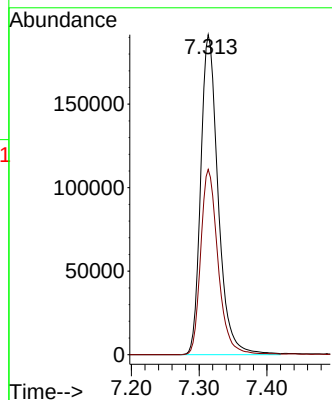
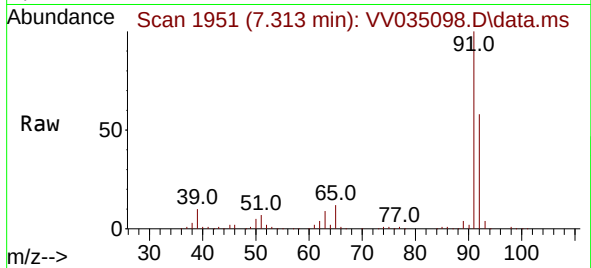
E0M17MS

Tgt Ion: 91 Resp: 341854

Ion Ratio Lower Upper

91 100

92 57.9 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 45.308 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV035098.D

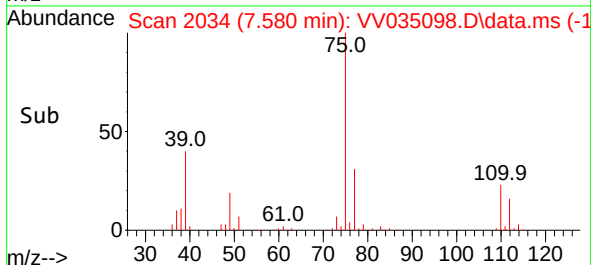
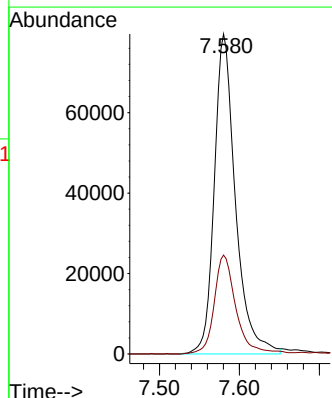
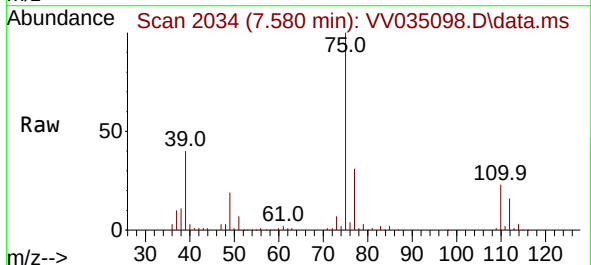
Acq: 10 Apr 2024 10:52

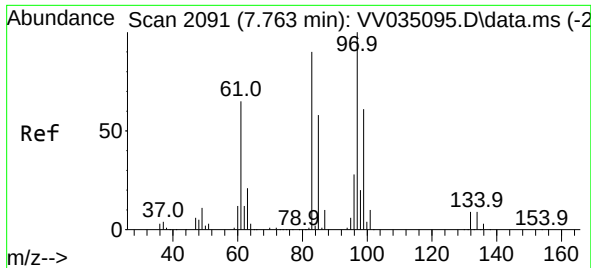
Tgt Ion: 75 Resp: 146127

Ion Ratio Lower Upper

75 100

77 30.9 21.7 40.3



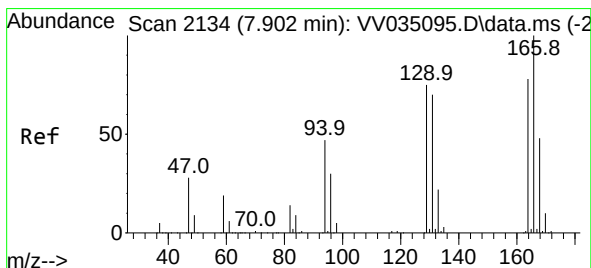
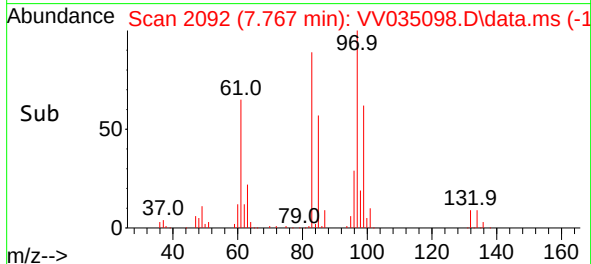
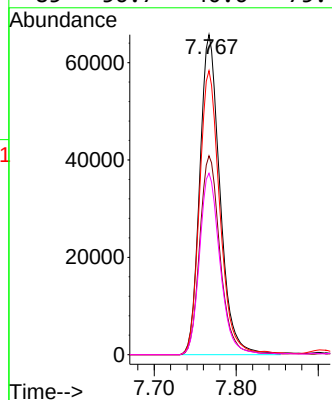
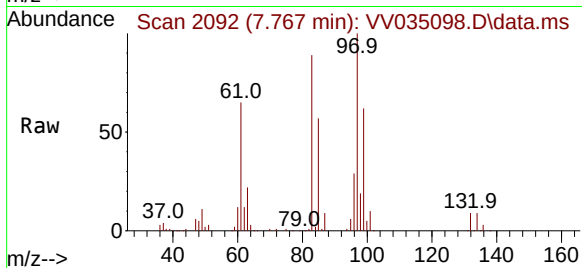


#45
1,1,2-Trichloroethane
Concen: 53.550 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

Instrument :
MSVOA_V
ClientSampleId :
E0M17MS

Tgt Ion: 97 Resp: 112478

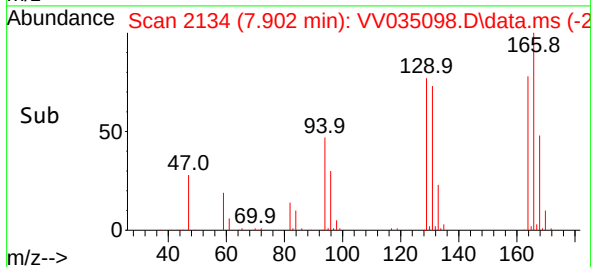
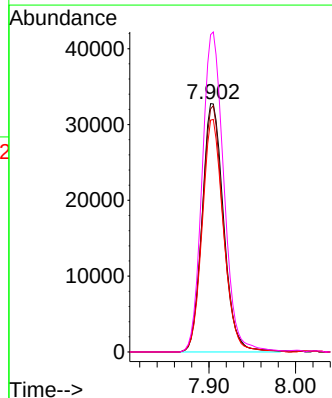
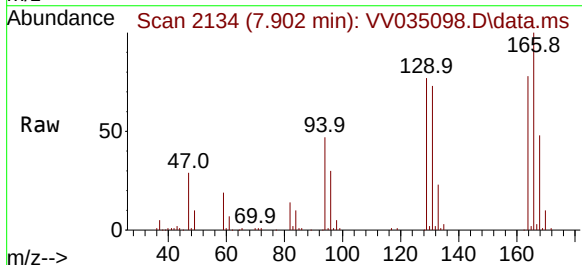
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.3	80.3
83	88.7	61.6	114.4
85	56.7	40.6	75.4

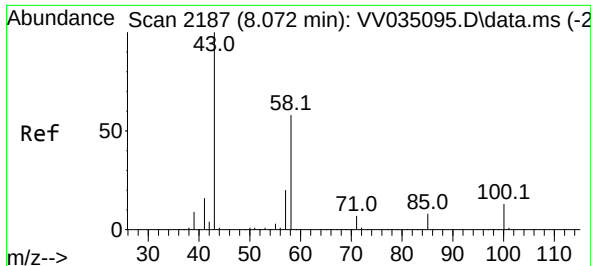


#46
Tetrachloroethene
Concen: 37.231 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

Tgt Ion: 164 Resp: 56607

Ion	Ratio	Lower	Upper
164	100		
129	97.9	68.6	127.4
131	93.4	65.7	122.1
166	127.8	89.0	165.2

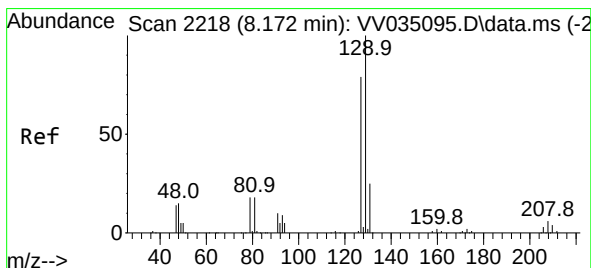
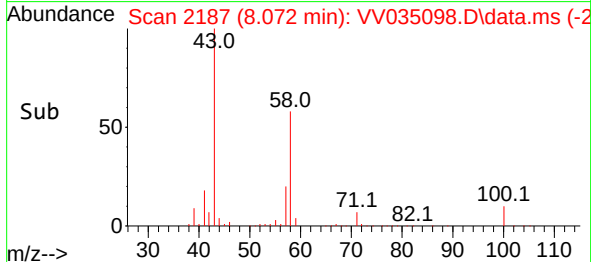
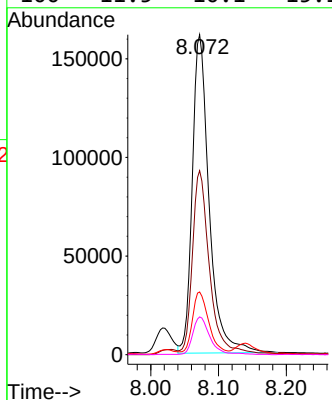
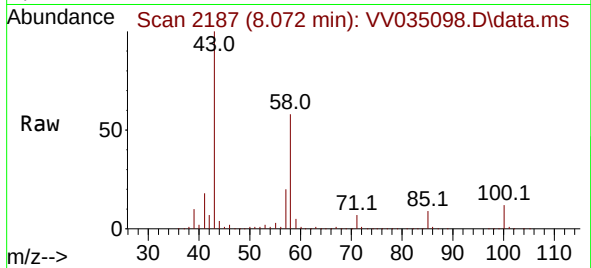




#48
2-Hexanone
Concen: 115.238 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

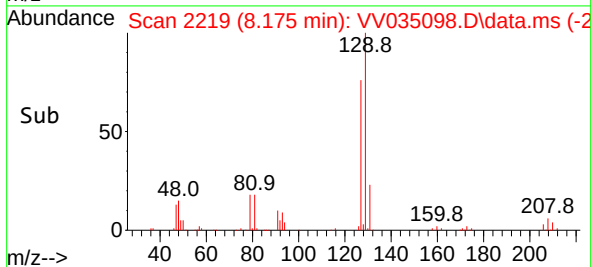
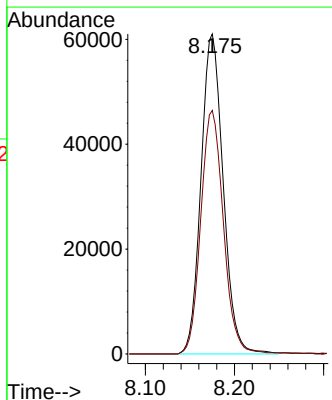
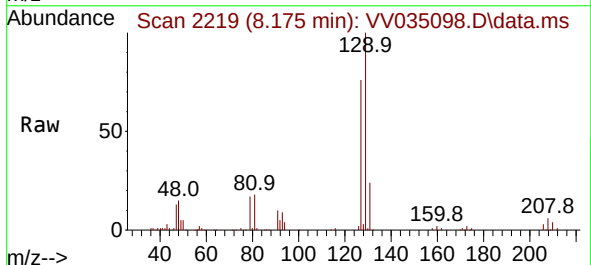
Instrument :
MSVOA_V
ClientSampleId :
E0M17MS

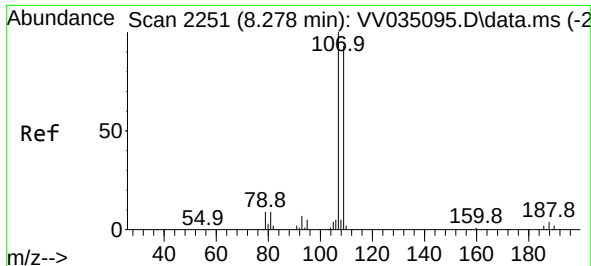
Tgt Ion: 43 Resp: 278865
Ion Ratio Lower Upper
43 100
58 57.2 45.4 68.2
57 18.9 16.2 24.4
100 11.5 10.1 15.1



#49
Dibromochloromethane
Concen: 50.779 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

Tgt Ion: 129 Resp: 105637
Ion Ratio Lower Upper
129 100
127 76.1 54.1 100.5





#50

1,2-Dibromoethane

Concen: 51.172 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV035098.D

Acq: 10 Apr 2024 10:52

Instrument :

MSVOA_V

ClientSampleId :

E0M17MS

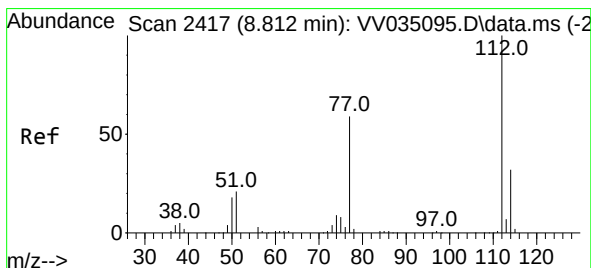
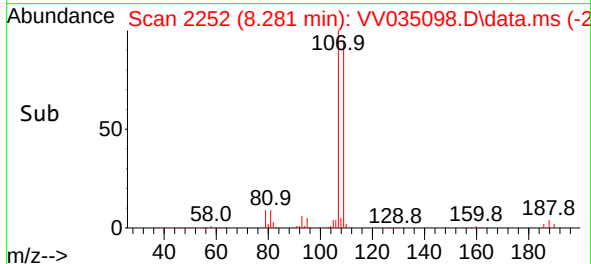
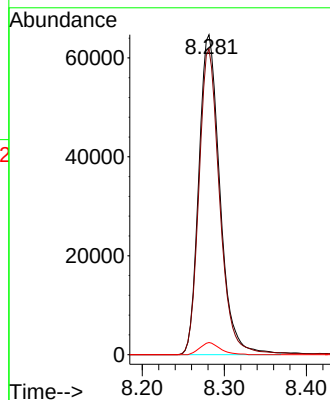
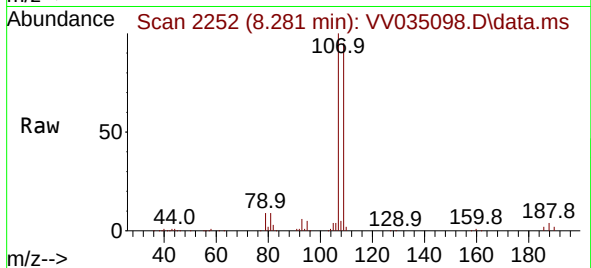
Tgt Ion:107 Resp: 115719

Ion Ratio Lower Upper

107 100

109 95.4 64.5 119.9

188 3.8 2.8 4.2



#51

Chlorobenzene

Concen: 40.669 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV035098.D

Acq: 10 Apr 2024 10:52

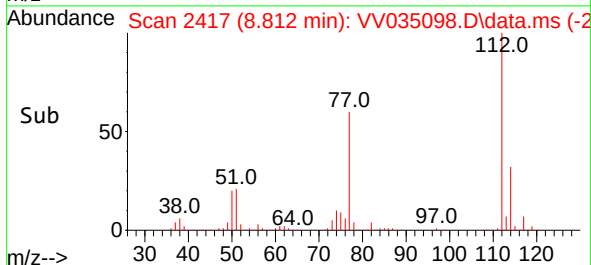
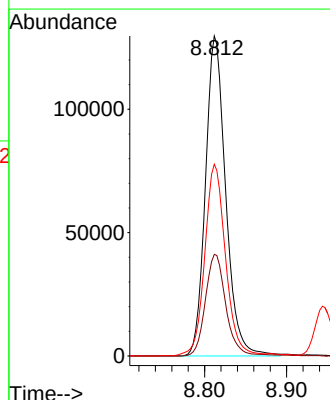
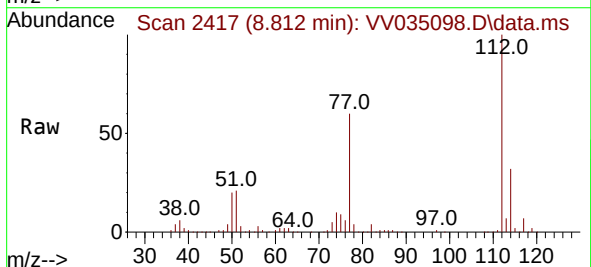
Tgt Ion:112 Resp: 222526

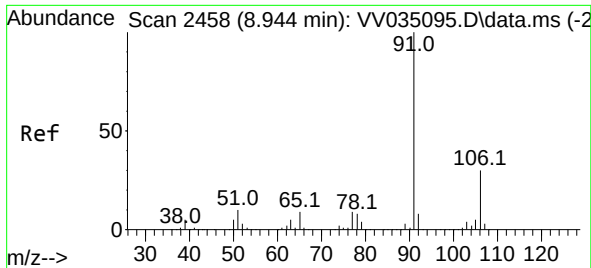
Ion Ratio Lower Upper

112 100

114 31.7 22.0 41.0

77 59.9 47.4 71.2

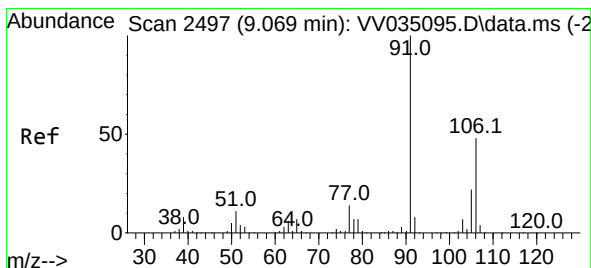
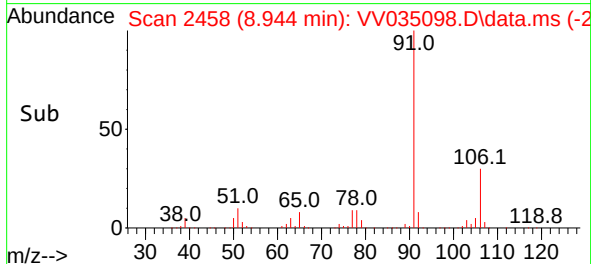
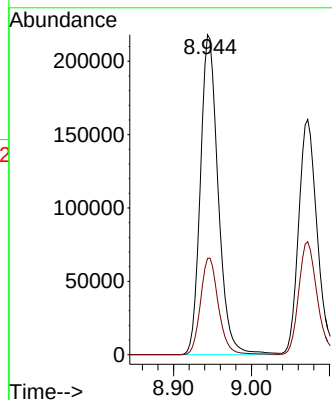
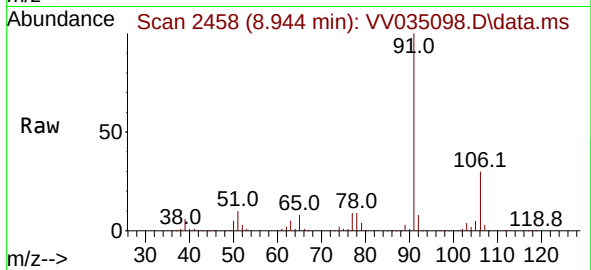




#52
Ethylbenzene
Concen: 36.988 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

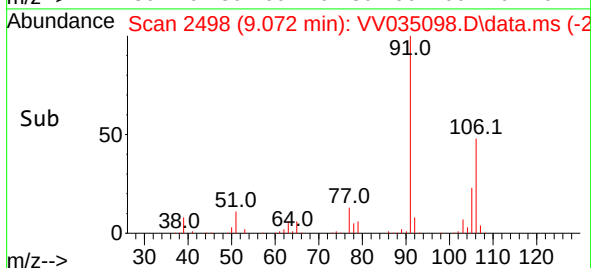
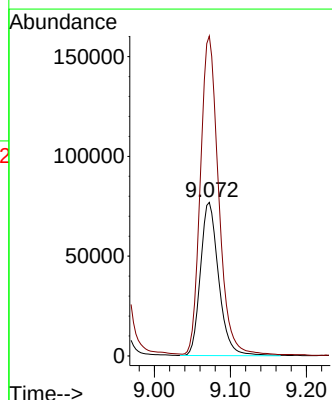
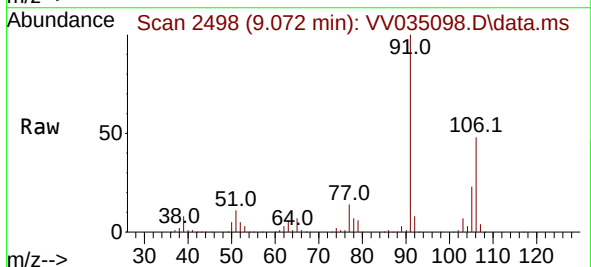
Instrument :
MSVOA_V
ClientSampleId :
E0M17MS

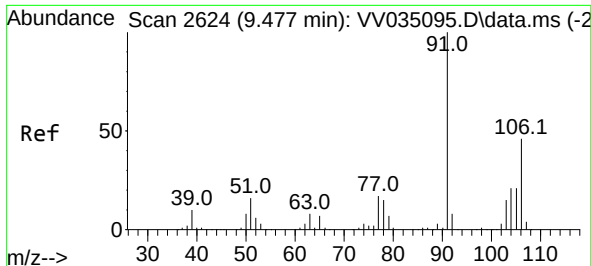
Tgt Ion: 91 Resp: 346079
Ion Ratio Lower Upper
91 100
106 30.1 21.3 39.5



#53
m,p-Xylene
Concen: 36.982 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

Tgt Ion: 106 Resp: 127428
Ion Ratio Lower Upper
106 100
91 208.3 144.8 269.0

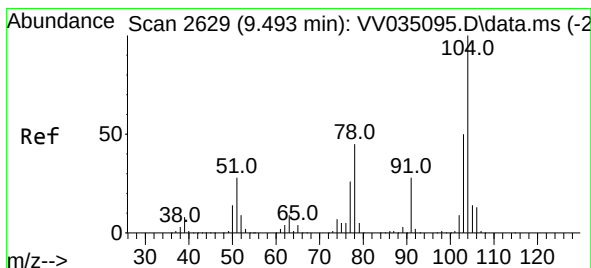
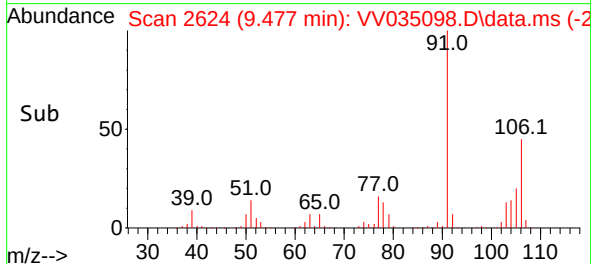
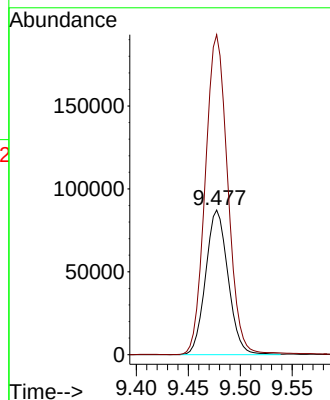
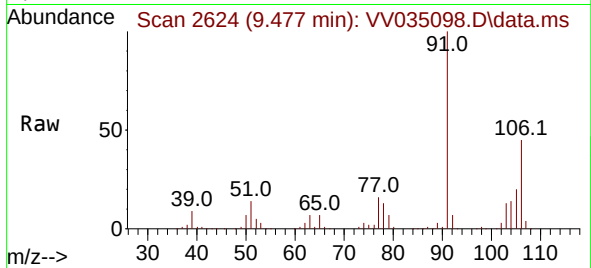




#54
o-Xylene
Concen: 38.490 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.003 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

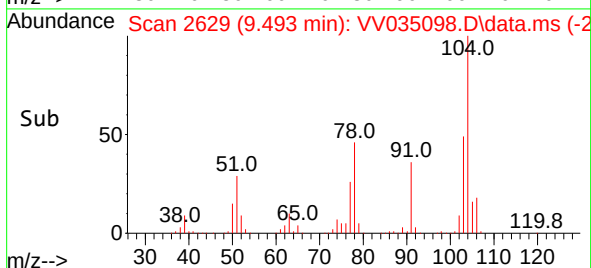
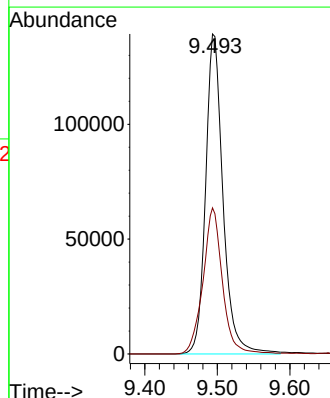
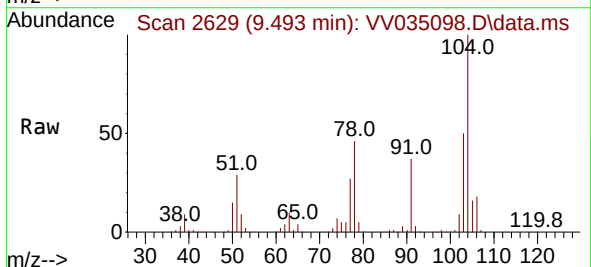
Instrument :
MSVOA_V
ClientSampleId :
E0M17MS

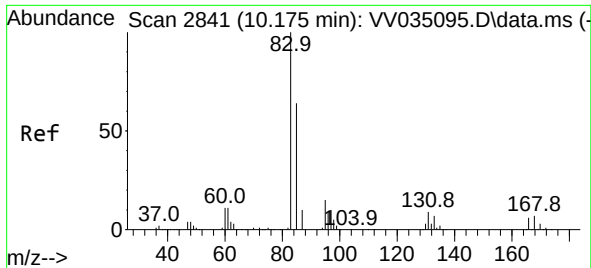
Tgt Ion:106 Resp: 131225
Ion Ratio Lower Upper
106 100
91 221.2 151.3 280.9



#55
Styrene
Concen: 40.322 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

Tgt Ion:104 Resp: 232311
Ion Ratio Lower Upper
104 100
78 45.7 31.5 58.5

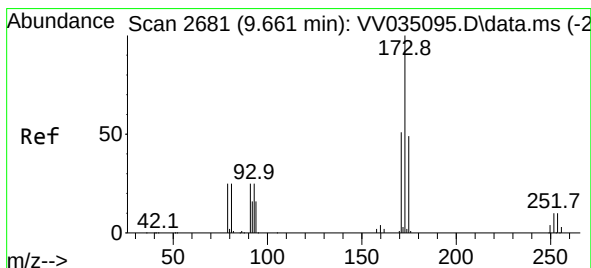
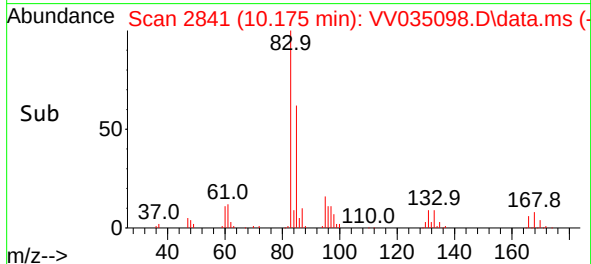
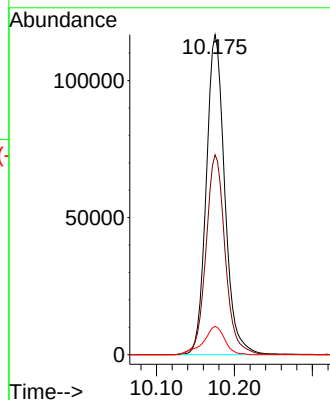
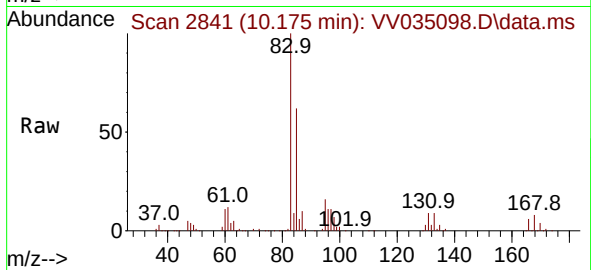




#57
1,1,2,2-Tetrachloroethane
Concen: 56.512 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

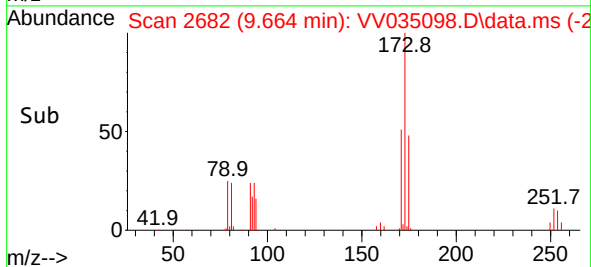
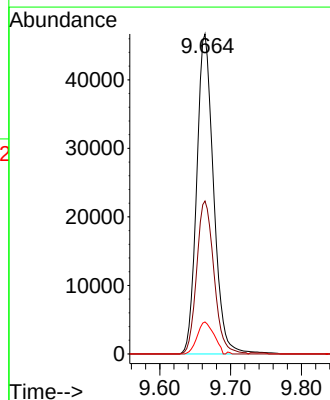
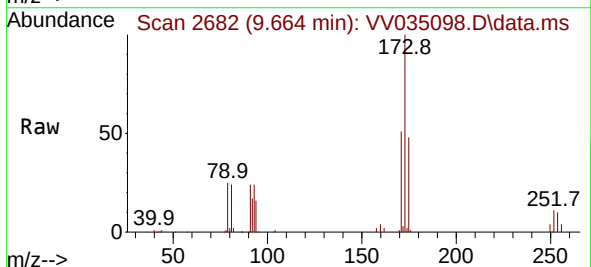
Instrument :
MSVOA_V
ClientSampleId :
E0M17MS

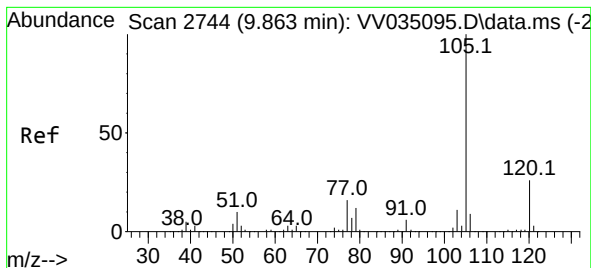
Tgt Ion: 83 Resp: 192322
Ion Ratio Lower Upper
83 100
85 62.5 44.5 82.7
131 8.8 6.9 10.3



#59
Bromoform
Concen: 55.637 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

Tgt Ion: 173 Resp: 77186
Ion Ratio Lower Upper
173 100
175 48.8 39.3 58.9
254 9.9 7.5 11.3





#60

Isopropylbenzene

Concen: 38.541 ug/L

RT: 9.866 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV035098.D

Acq: 10 Apr 2024 10:52

Instrument :

MSVOA_V

ClientSampleId :

E0M17MS

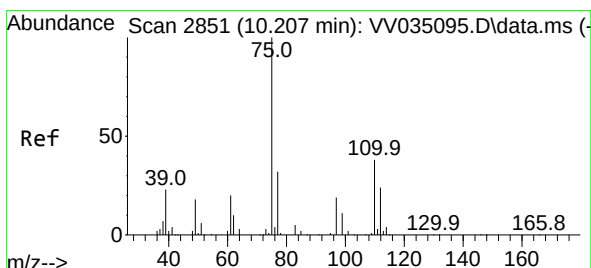
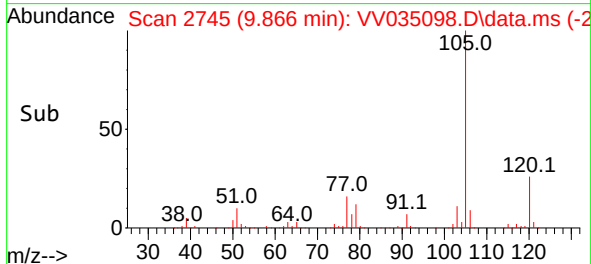
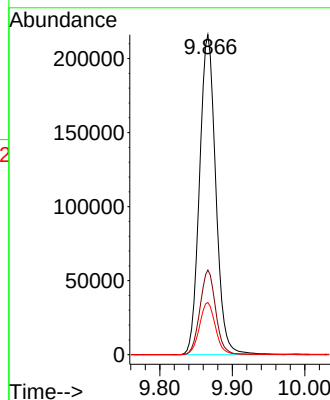
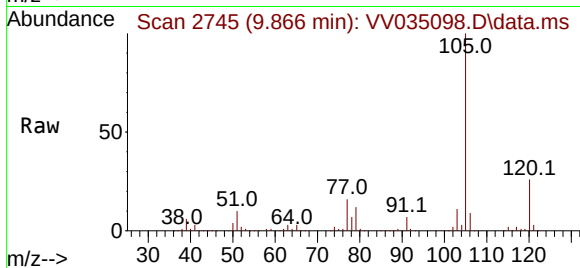
Tgt Ion:105 Resp: 336357

Ion Ratio Lower Upper

105 100

120 25.6 21.0 31.6

77 16.2 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 57.854 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VV035098.D

Acq: 10 Apr 2024 10:52

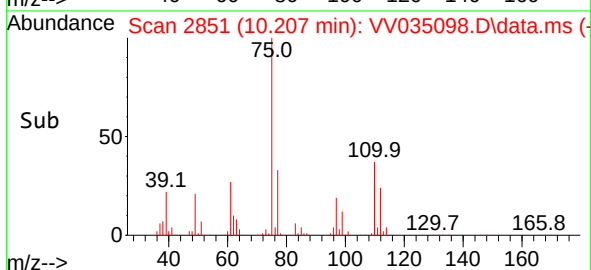
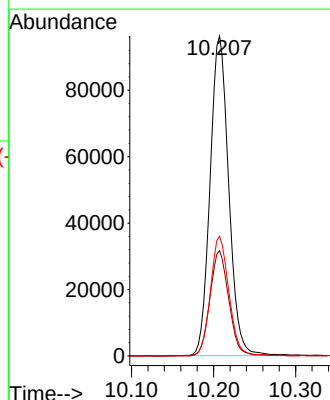
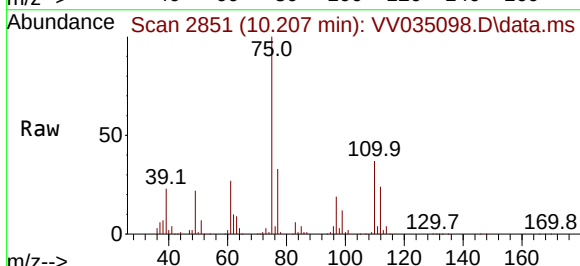
Tgt Ion: 75 Resp: 151768

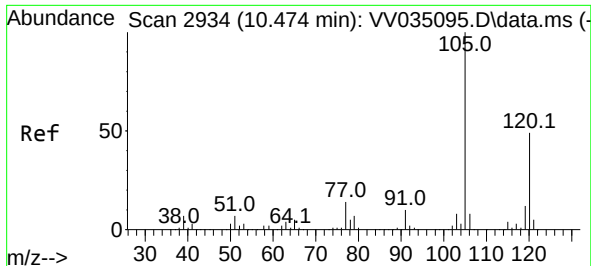
Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0

110 37.2 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 37.109 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035098.D

Acq: 10 Apr 2024 10:52

Instrument :

MSVOA_V

ClientSampleId :

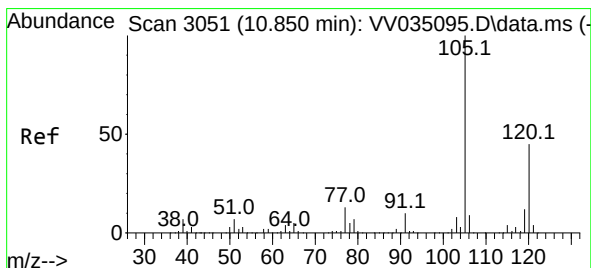
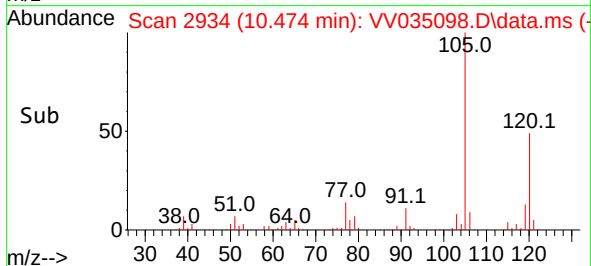
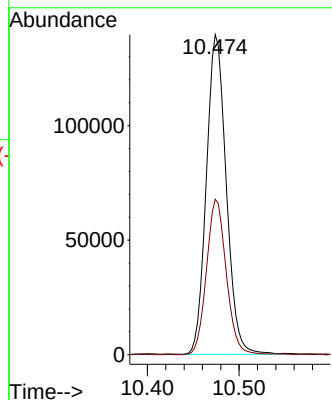
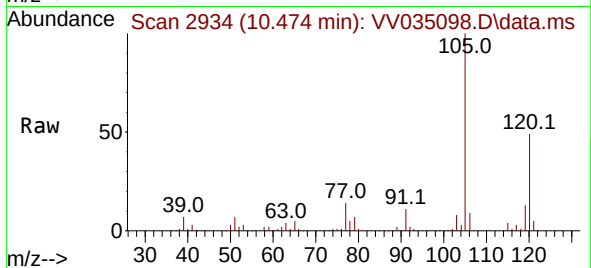
E0M17MS

Tgt Ion:105 Resp: 210333

Ion Ratio Lower Upper

105 100

120 48.4 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 37.907 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV035098.D

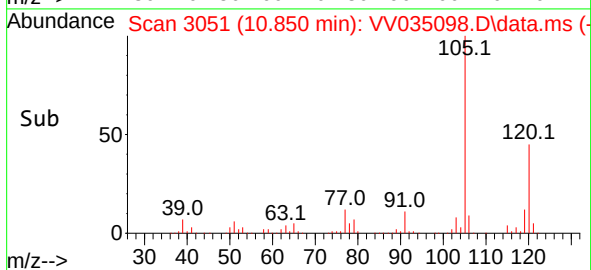
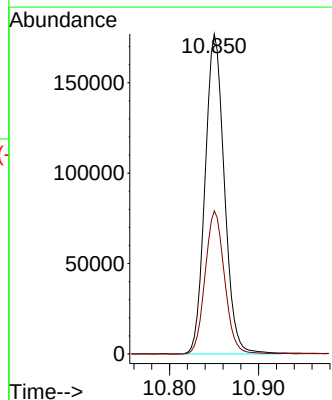
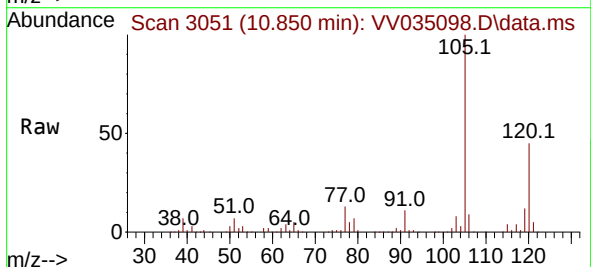
Acq: 10 Apr 2024 10:52

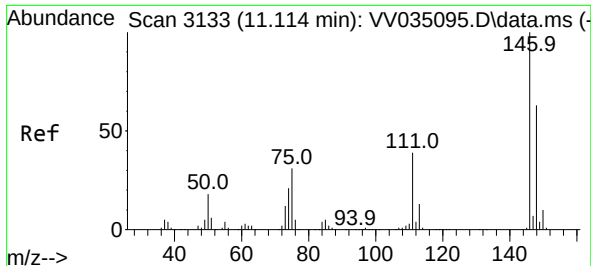
Tgt Ion:105 Resp: 265643

Ion Ratio Lower Upper

105 100

120 45.1 35.9 53.9

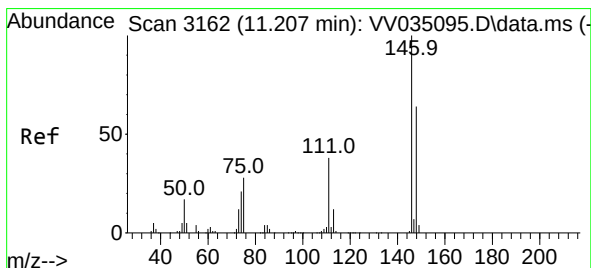
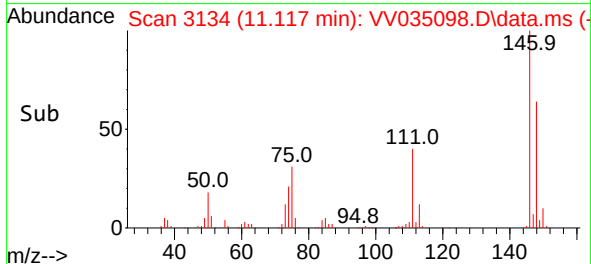
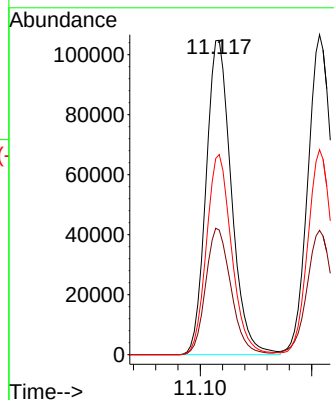
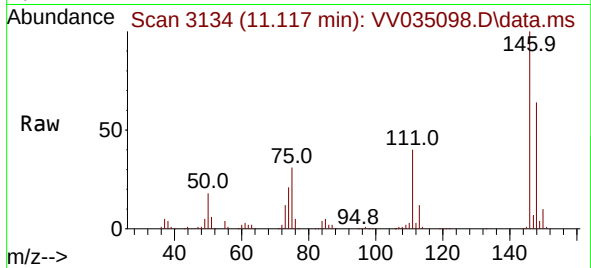




#64
1,3-Dichlorobenzene
Concen: 40.614 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

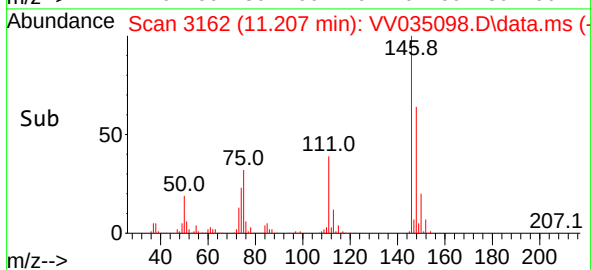
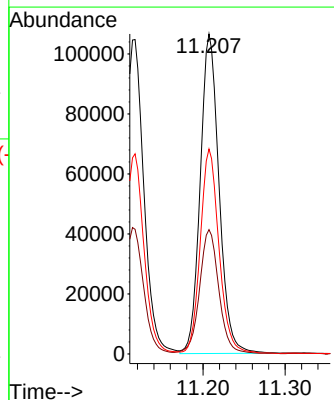
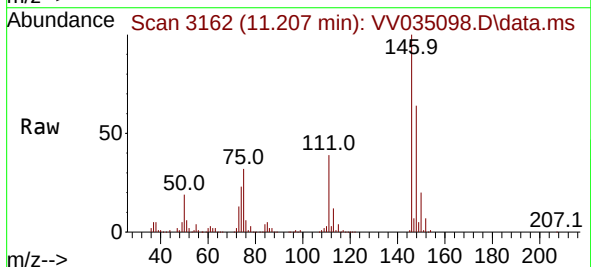
Instrument :
MSVOA_V
ClientSampleId :
E0M17MS

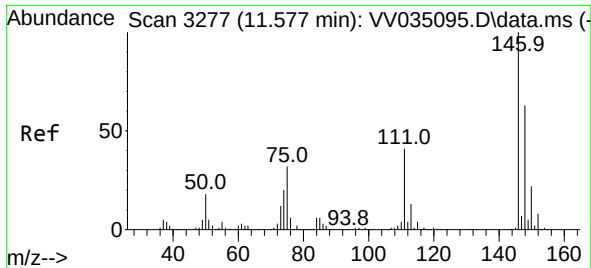
Tgt Ion:146 Resp: 165642
Ion Ratio Lower Upper
146 100
111 39.6 28.7 53.3
148 63.7 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 40.864 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

Tgt Ion:146 Resp: 169482
Ion Ratio Lower Upper
146 100
111 38.8 27.4 50.8
148 64.0 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 44.254 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV035098.D

Acq: 10 Apr 2024 10:52

Instrument :

MSVOA_V

ClientSampleId :

E0M17MS

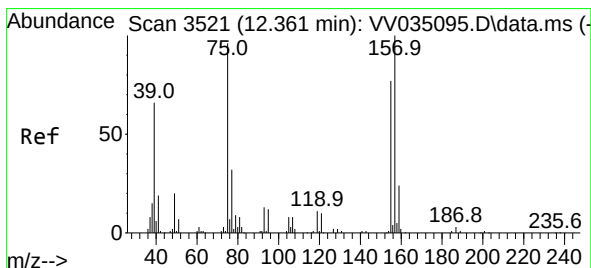
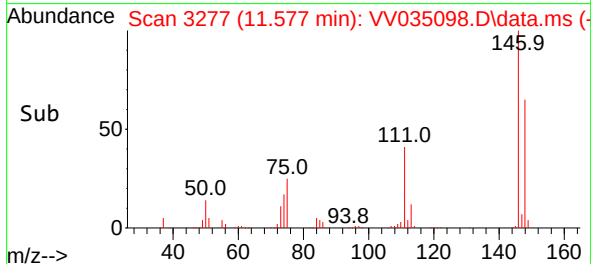
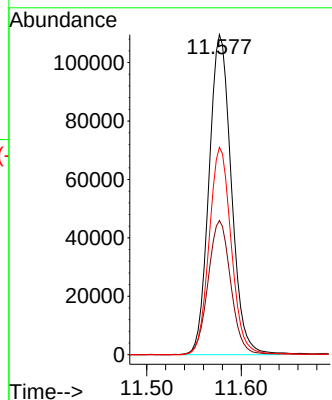
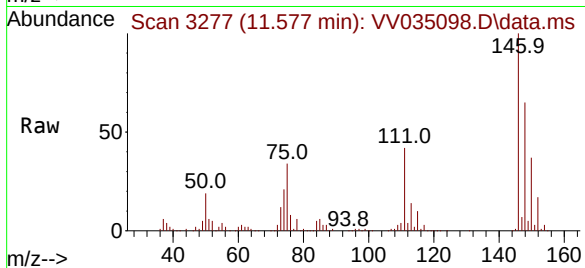
Tgt Ion:146 Resp: 179797

Ion Ratio Lower Upper

146 100

111 41.9 34.6 52.0

148 64.8 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 56.775 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV035098.D

Acq: 10 Apr 2024 10:52

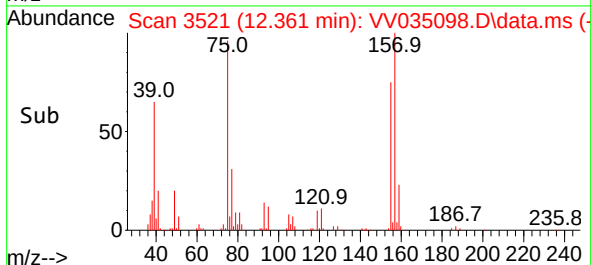
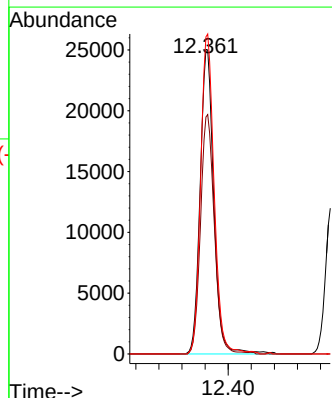
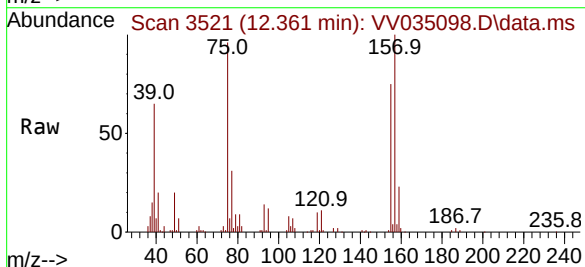
Tgt Ion: 75 Resp: 41032

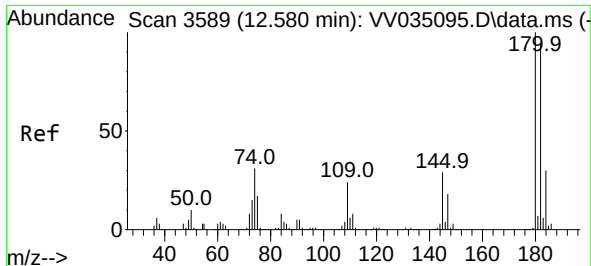
Ion Ratio Lower Upper

75 100

155 77.8 63.0 94.6

157 104.1 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 38.916 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

Lab File: VV035098.D

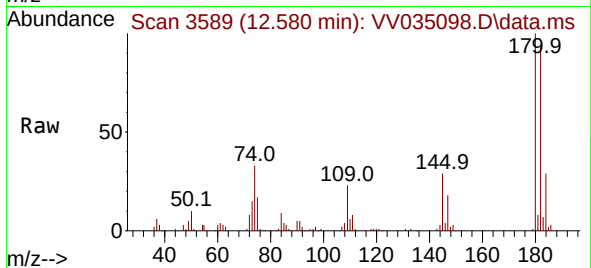
Acq: 10 Apr 2024 10:52

Instrument :

MSVOA_V

ClientSampleId :

E0M17MS



Tgt Ion:180 Resp: 114388

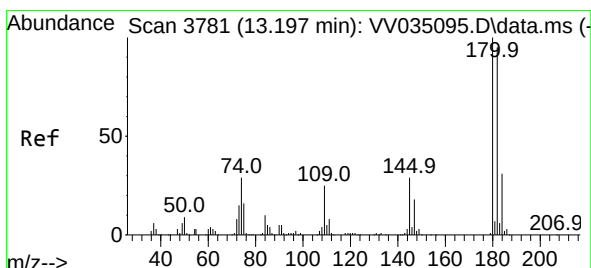
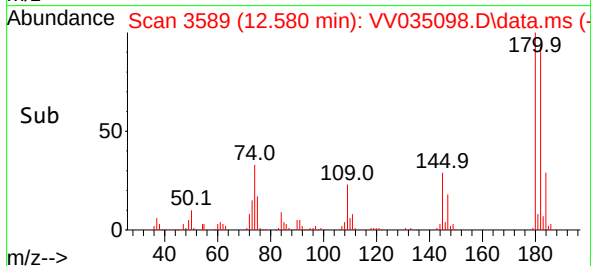
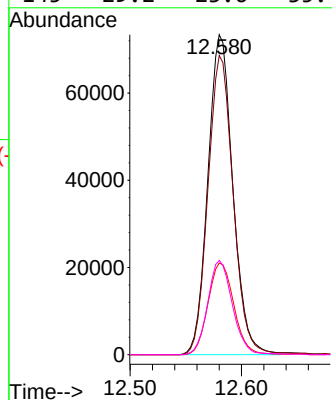
Ion Ratio Lower Upper

180 100

182 94.3 74.7 112.1

184 29.6 24.0 36.0

145 29.2 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 37.430 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035098.D

Acq: 10 Apr 2024 10:52

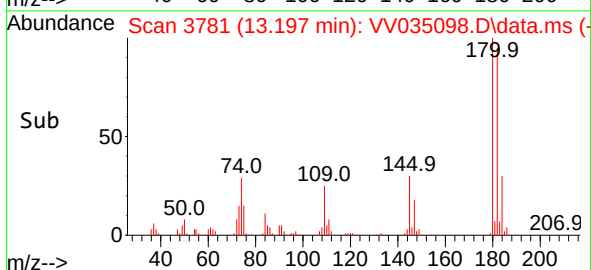
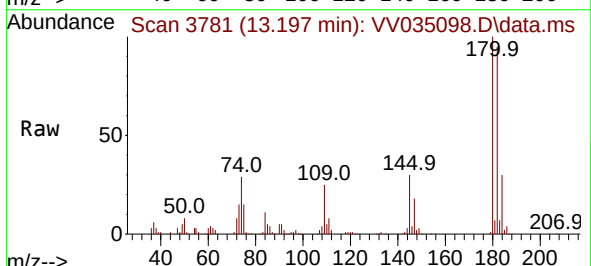
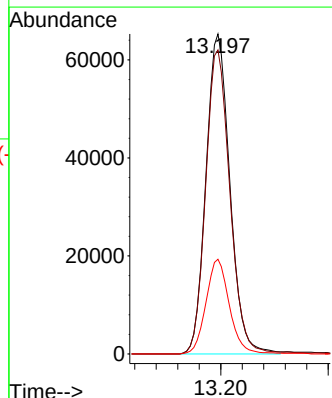
Tgt Ion:180 Resp: 101062

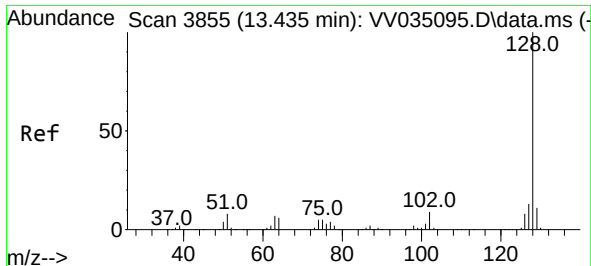
Ion Ratio Lower Upper

180 100

182 95.9 75.6 113.4

145 29.0 24.1 36.1

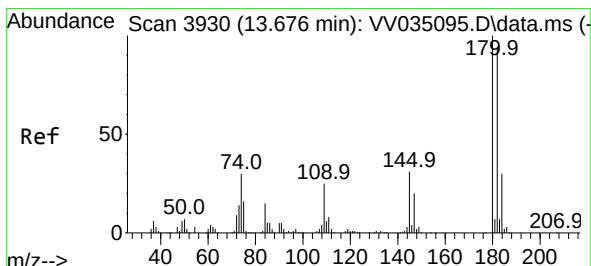
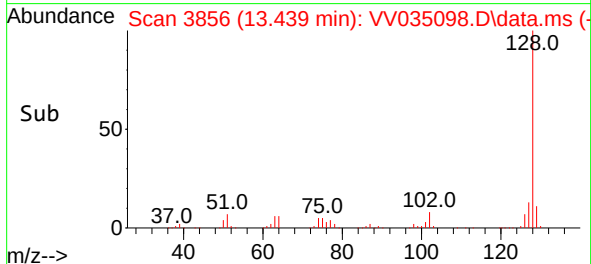
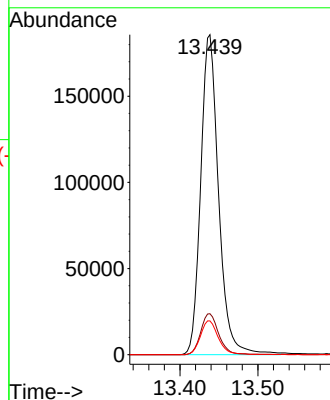
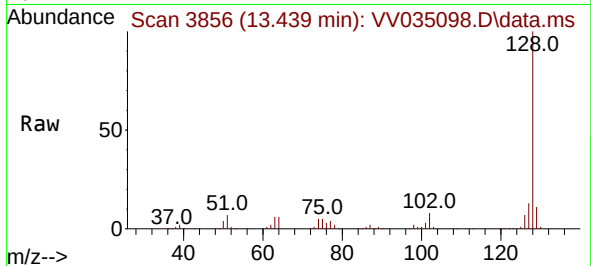




#71
Naphthalene
Concen: 39.565 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. 0.003 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

Instrument :
MSVOA_V
ClientSampleId :
E0M17MS

Tgt Ion:128 Resp: 296379
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 42.273 ug/L
RT: 13.676 min Scan# 3930
Delta R.T. -0.000 min
Lab File: VV035098.D
Acq: 10 Apr 2024 10:52

Tgt Ion:180 Resp: 112508
Ion Ratio Lower Upper
180 100
182 94.0 76.2 114.2
145 30.5 25.8 38.6

