

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061924\
 Data File : VW036142.D
 Acq On : 19 Jun 2024 17:04
 Operator : SY/MD
 Sample : P2909-24DL 2X
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 20 05:17:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	316440	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	337438	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	180680	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	123016	21.145	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.560%
7) Chloroethane-d5	1.526	69	106049	22.861	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.440%
11) 1,1-Dichloroethene-d2	2.050	65	58963	22.766	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.080%
21) 2-Butanone-d5	3.822	46	78434	58.761	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.520%
24) Chloroform-d	4.243	84	251726	25.022	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.080%
26) 1,2-Dichloroethane-d4	4.937	65	137515	26.071	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.280%
32) Benzene-d6	4.957	84	441814	22.027	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.120%
36) 1,2-Dichloropropane-d6	5.986	67	151297	23.953	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.800%
41) Toluene-d8	7.240	98	418654	23.656	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.640%
43) trans-1,3-Dichloroprop...	7.551	79	62554	24.153	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.600%
47) 2-Hexanone-d5	8.031	63	51038	59.638	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.280%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	121788	25.802	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	150909	22.776	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.120%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	2158	0.397	ug/L #	31
12) 1,1-Dichloroethene	2.060	96	155718	30.730	ug/L	94
13) Acetone	2.140	43	25828	12.422	ug/L	77
15) Methyl Acetate	2.391	43	2416	0.935	ug/L #	77
16) Methylene chloride	2.439	84	179654	25.090	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	115766	21.506	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	158589	13.124	ug/L	97
19) 1,1-Dichloroethane	3.105	63	222511	21.706	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	243738	45.063	ug/L	99
22) 2-Butanone	3.892	43	200358	113.564	ug/L #	78
25) Chloroform	4.269	83	393565	37.323	ug/L	100
27) 1,2-Dichloroethane	5.040	62	94385	14.337	ug/L	98
31) Carbon tetrachloride	4.728	117	168097	20.771	ug/L	100
33) Benzene	5.005	78	423414	19.186	ug/L	100
34) Trichloroethene	5.831	95	122202	18.067	ug/L	99
37) 1,2-Dichloropropane	6.095	63	41025	7.079	ug/L	99
38) Bromodichloromethane	6.429	83	298479	38.914	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	343973	39.686	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	177753	56.458	ug/L	99

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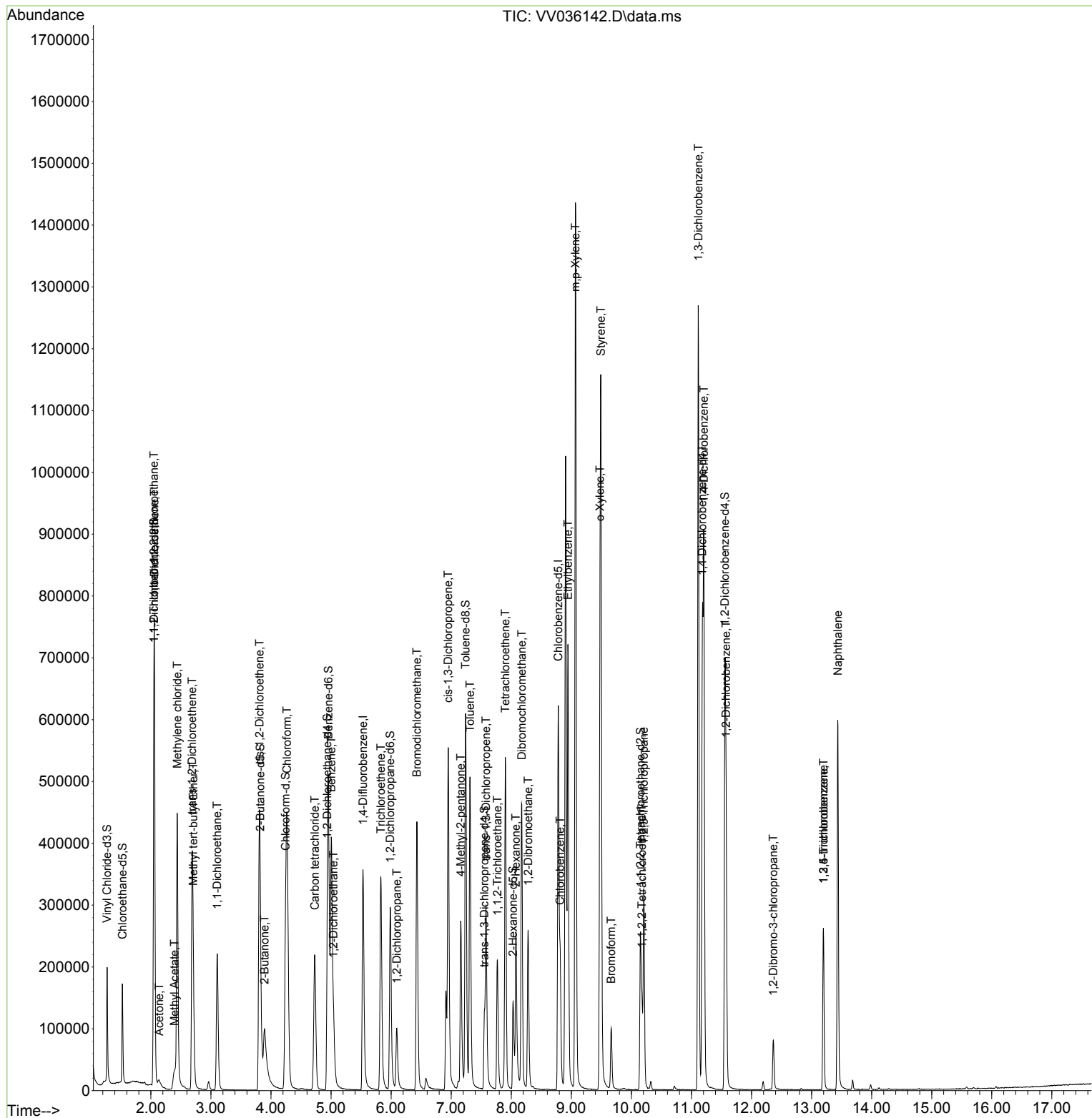
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.314	91	378991	16.806	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	180826	24.154	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	65585	13.678	ug/L	99
46) Tetrachloroethene	7.902	164	119715	24.200	ug/L	98
48) 2-Hexanone	8.079	43	158314	64.319	ug/L	97
49) Dibromochloromethane	8.175	129	236145	45.000	ug/L	98
50) 1,2-Dibromoethane	8.281	107	175513	38.148	ug/L	99
51) Chlorobenzene	8.815	112	123460	8.035	ug/L	99
52) Ethylbenzene	8.944	91	479686	19.881	ug/L	100
53) m,p-Xylene	9.069	106	385205	42.490	ug/L	97
54) o-Xylene	9.477	106	154182	18.034	ug/L	97
55) Styrene	9.494	104	470822	31.229	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	70386	16.394	ug/L	99
59) Bromoform	9.664	173	45102	13.237	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	131795	30.842	ug/L	96
64) 1,3-Dichlorobenzene	11.114	146	494533	40.624	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	332817	26.488	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	158773	13.860	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.362	75	22328	23.367	ug/L	94
69) 1,3,5-Trichlorobenzene	13.198	180	79739	8.757	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	79739	11.122	ug/L	99
71) Naphthalene	13.435	128	463479	39.611	ug/L	99

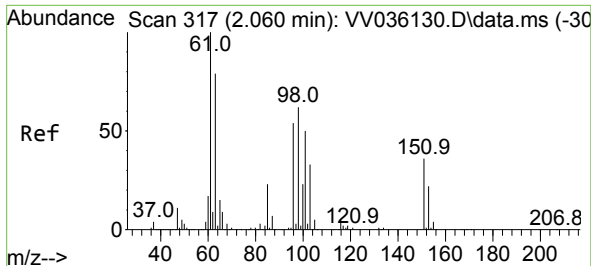
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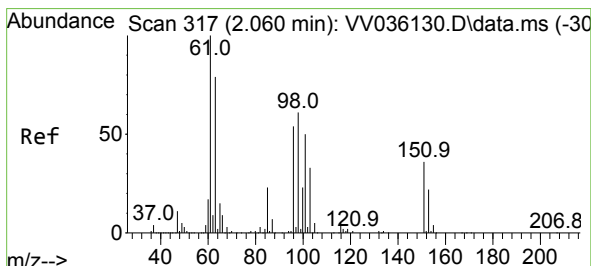
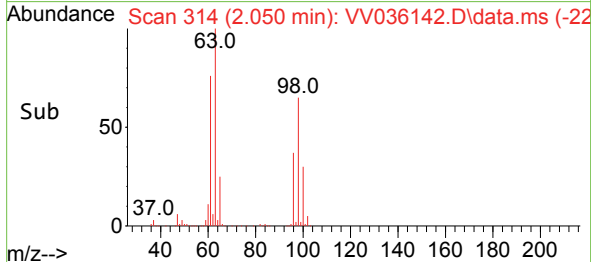
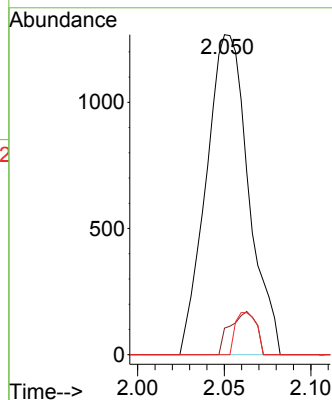
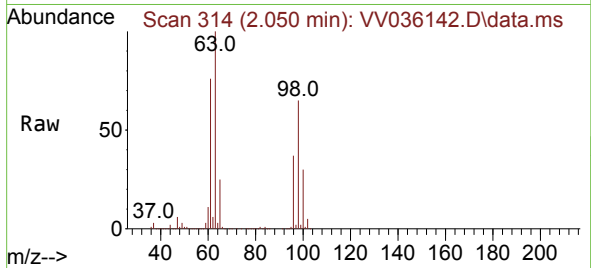




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.397 ug/L
RT: 2.050 min Scan# 317
Delta R.T. -0.009 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

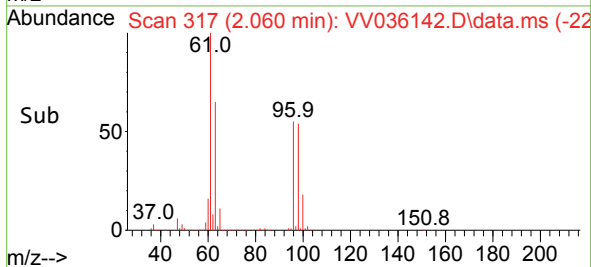
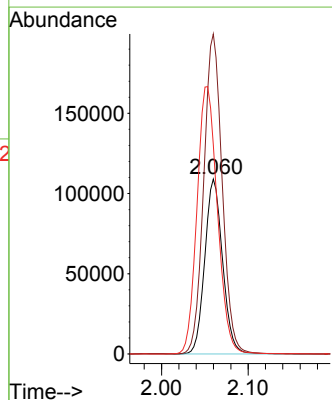
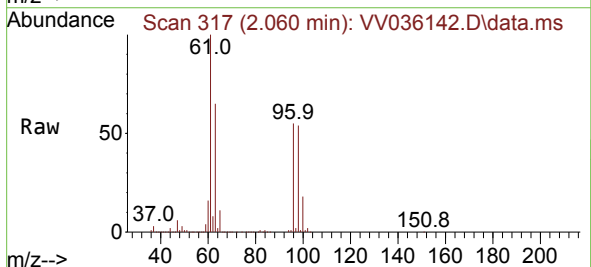
Instrument :
MSVOA_V
ClientSampleId :

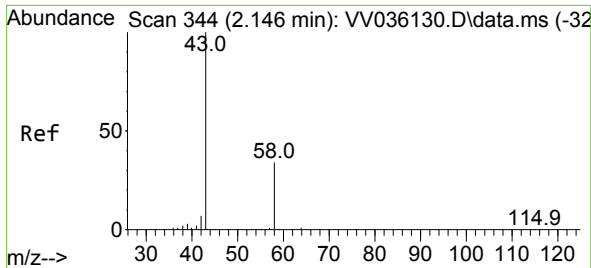
Tgt Ion:101 Resp: 2158
Ion Ratio Lower Upper
101 100
85 8.3 34.5 51.7#
151 6.5 56.3 84.5#



#12
1,1-Dichloroethene
Concen: 30.730 ug/L
RT: 2.060 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

Tgt Ion: 96 Resp: 155718
Ion Ratio Lower Upper
96 100
61 183.0 127.3 236.3
63 119.6 93.7 173.9





#13

Acetone

Concen: 12.422 ug/L

RT: 2.140 min Scan# 344

Delta R.T. -0.006 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

Instrument :

MSVOA_V

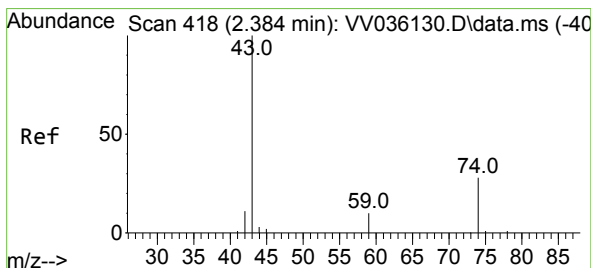
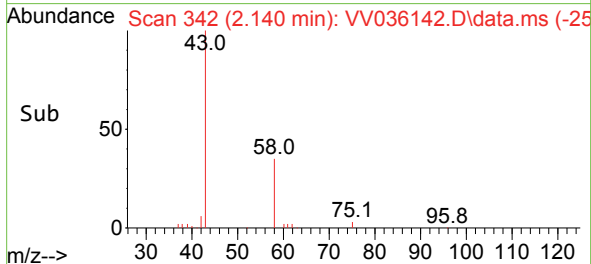
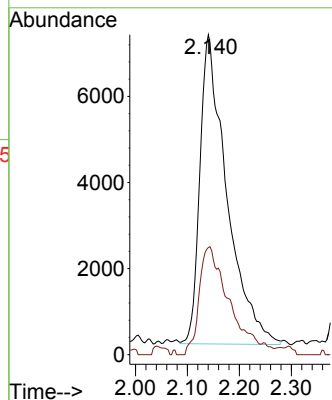
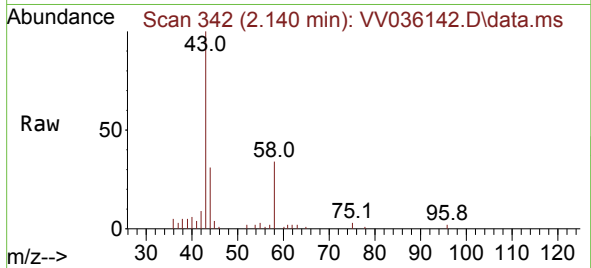
ClientSampleId :

Tgt Ion: 43 Resp: 25828

Ion Ratio Lower Upper

43 100

58 21.0 0.0 24.2



#15

Methyl Acetate

Concen: 0.935 ug/L

RT: 2.391 min Scan# 420

Delta R.T. 0.007 min

Lab File: VV036142.D

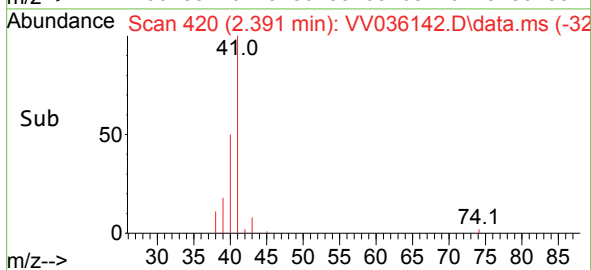
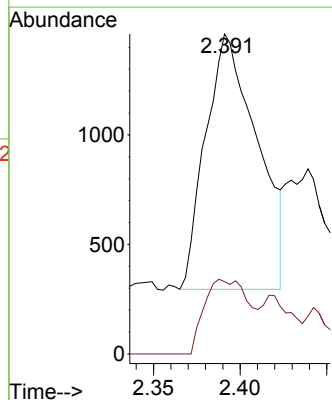
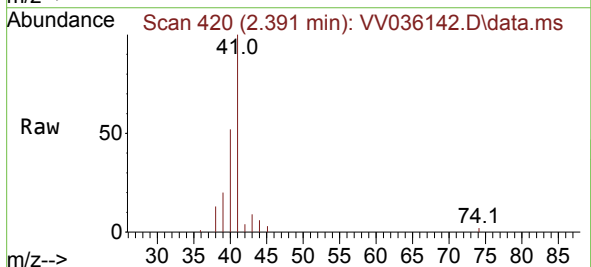
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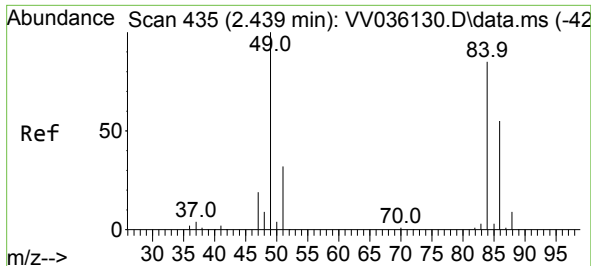
Tgt Ion: 43 Resp: 2416

Ion Ratio Lower Upper

43 100

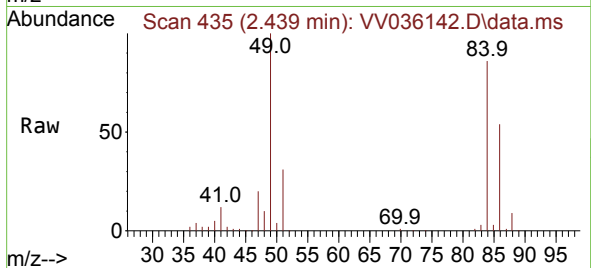
74 15.0 21.4 32.2#





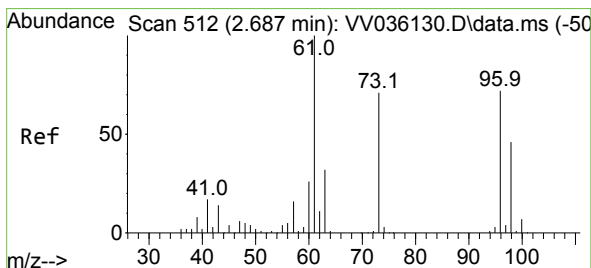
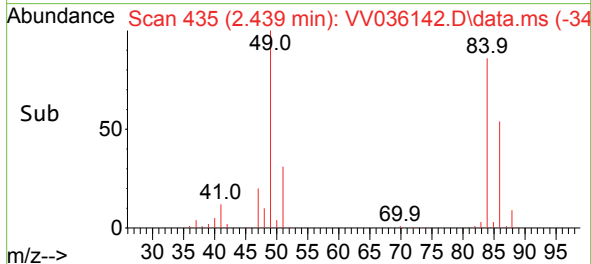
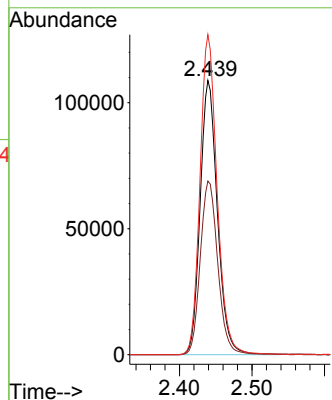
#16
Methylene chloride
Concen: 25.090 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 179654

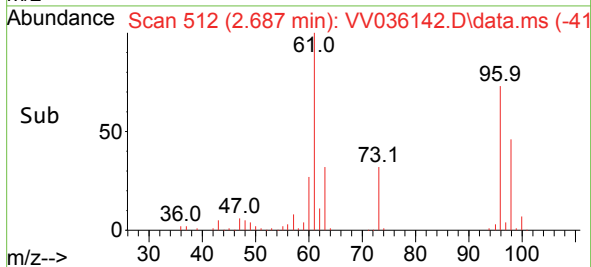
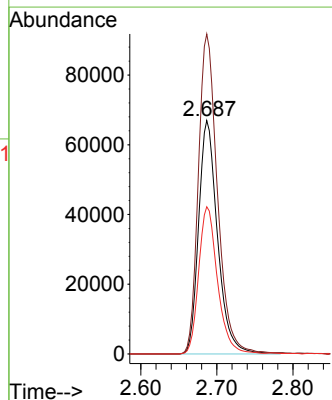
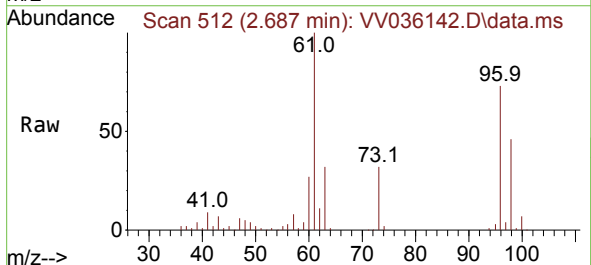
Ion	Ratio	Lower	Upper
84	100		
86	63.3	44.6	82.8
49	116.7	81.1	150.5

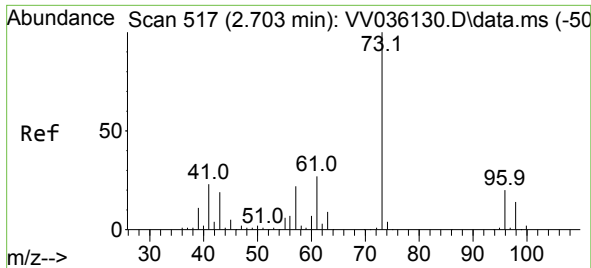


#17
trans-1,2-Dichloroethene
Concen: 21.506 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

Tgt Ion: 96 Resp: 115766

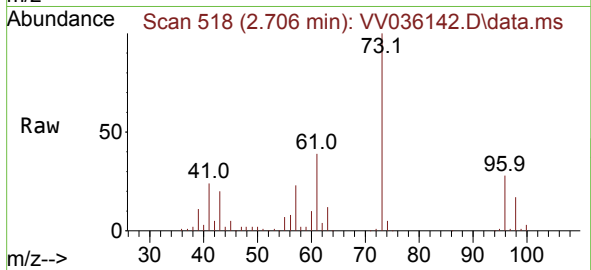
Ion	Ratio	Lower	Upper
96	100		
61	137.1	99.4	184.6
98	63.1	44.9	83.3



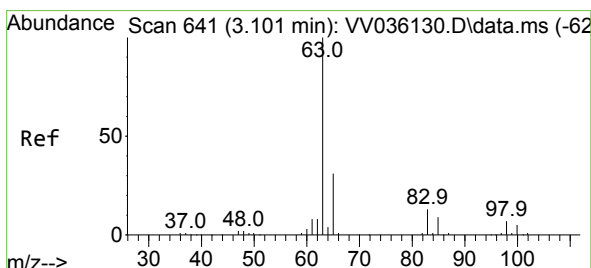
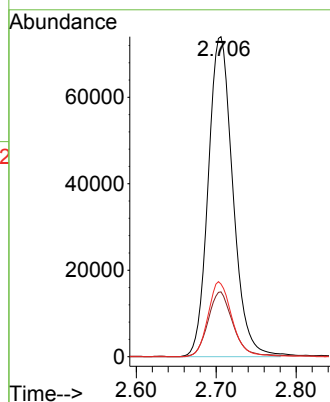
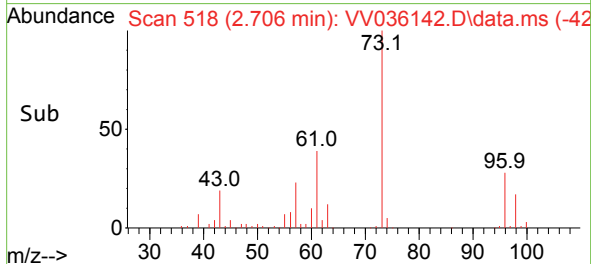


#18
Methyl tert-butyl Ether
Concen: 13.124 ug/L
RT: 2.706 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

Instrument :
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ClientSampleId :

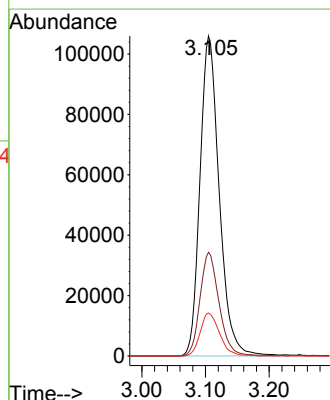
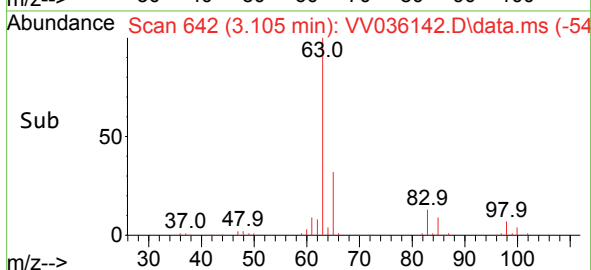
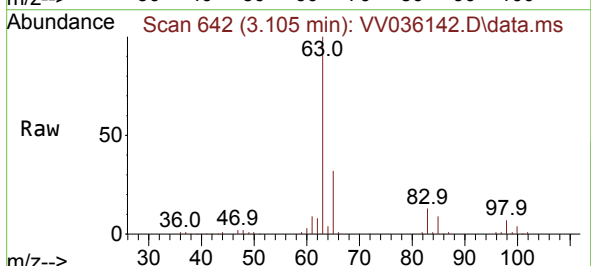


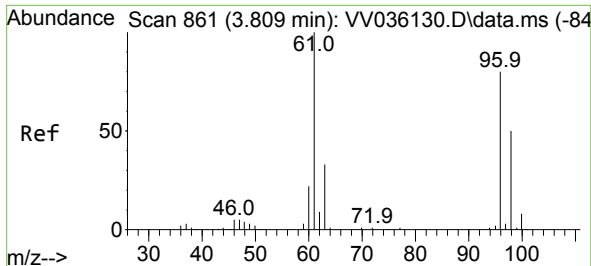
Tgt Ion: 73 Resp: 158589
Ion Ratio Lower Upper
73 100
43 20.3 14.3 21.5
57 22.8 17.8 26.6



#19
1,1-Dichloroethane
Concen: 21.706 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

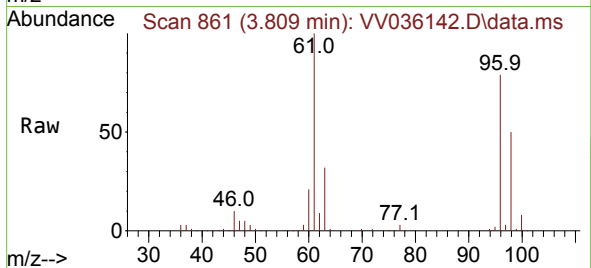
Tgt Ion: 63 Resp: 222511
Ion Ratio Lower Upper
63 100
65 32.4 22.4 41.6
83 13.4 9.2 17.0



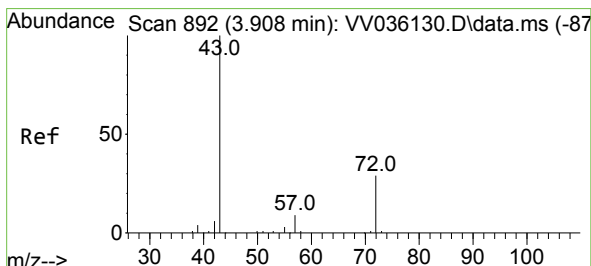
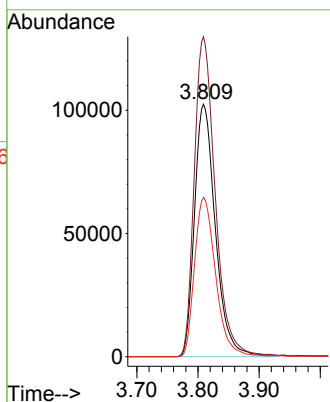
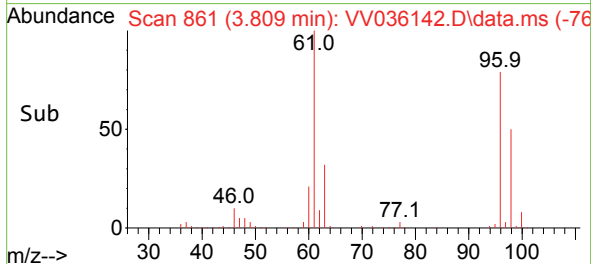


#20
 cis-1,2-Dichloroethene
 Concen: 45.063 ug/L
 RT: 3.809 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VV036142.D
 Acq: 19 Jun 2024 17:04

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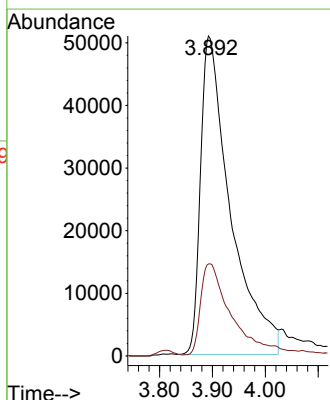
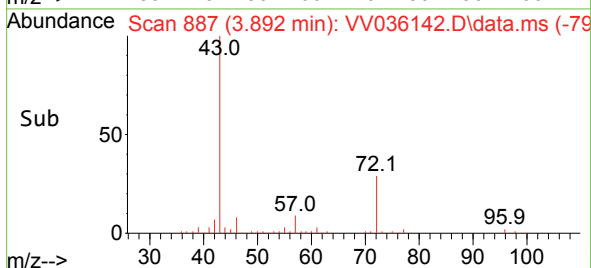
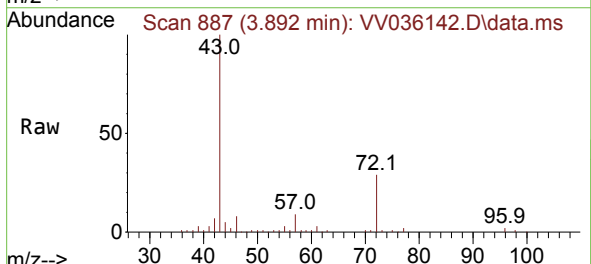


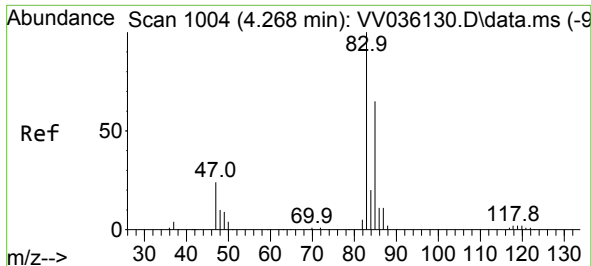
Tgt Ion:	96	Resp:	243738
Ion	Ratio	Lower	Upper
96	100		
61	126.7	87.9	163.3
98	63.1	44.4	82.5



#22
 2-Butanone
 Concen: 113.564 ug/L
 RT: 3.892 min Scan# 887
 Delta R.T. -0.016 min
 Lab File: VV036142.D
 Acq: 19 Jun 2024 17:04

Tgt Ion:	43	Resp:	200358
Ion	Ratio	Lower	Upper
43	100		
72	25.5	8.2	24.4#

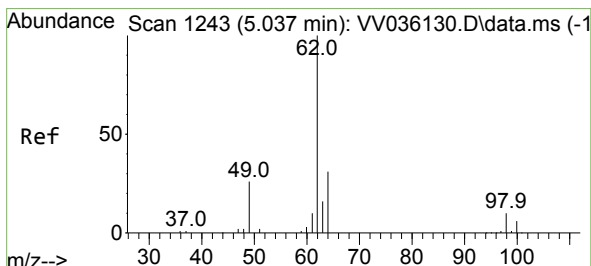
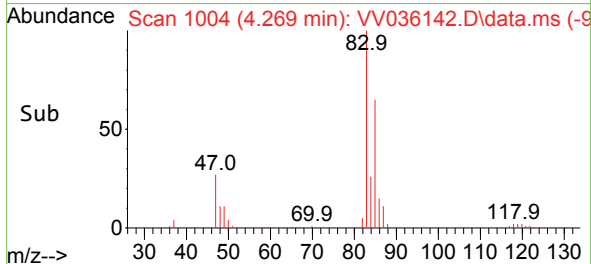
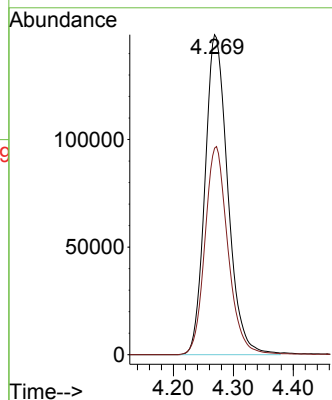
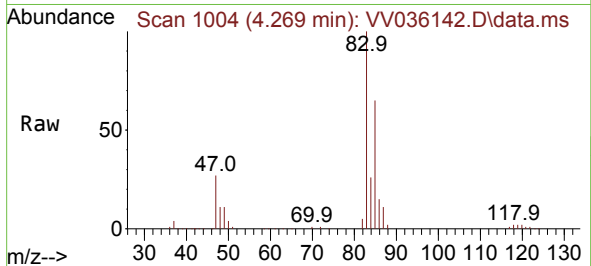




#25
Chloroform
Concen: 37.323 ug/L
RT: 4.269 min Scan# 10
Delta R.T. 0.000 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

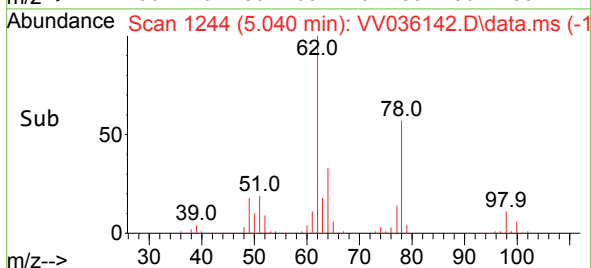
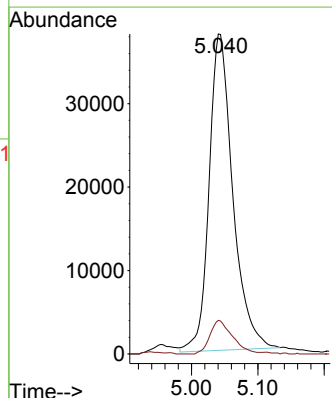
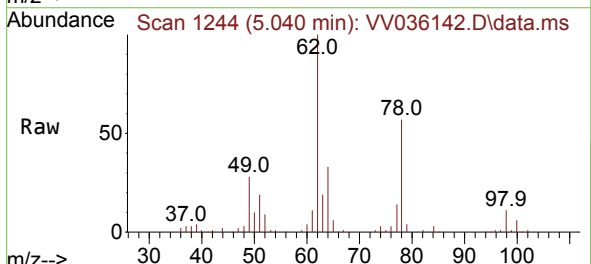
Instrument :
MSVOA_V
ClientSampleId :

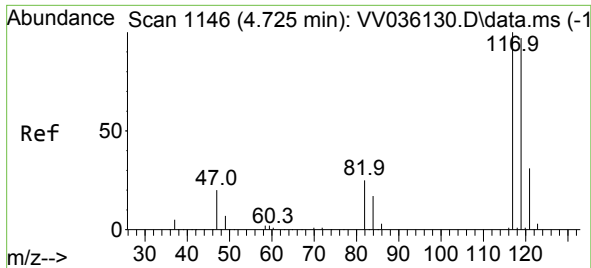
Tgt Ion: 83 Resp: 393565
Ion Ratio Lower Upper
83 100
85 64.6 45.2 84.0



#27
1,2-Dichloroethane
Concen: 14.337 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

Tgt Ion: 62 Resp: 94385
Ion Ratio Lower Upper
62 100
98 10.5 7.8 11.6

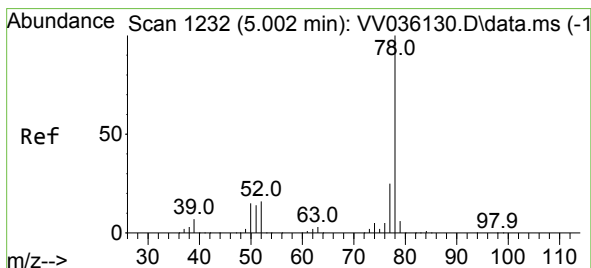
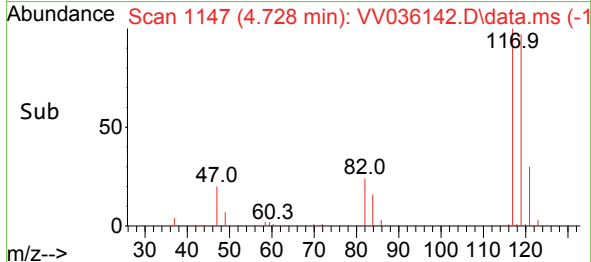
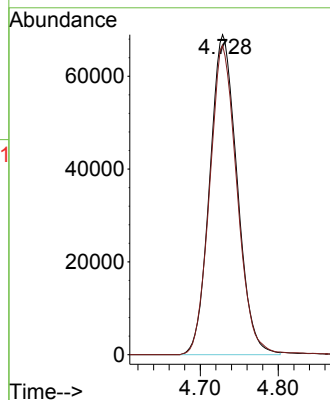
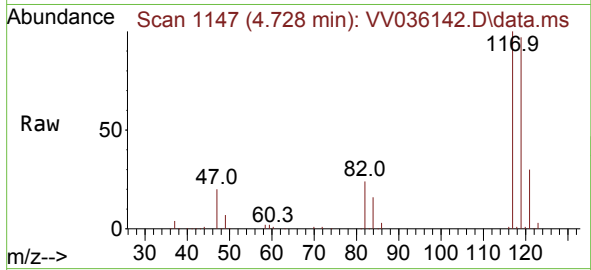




#31
Carbon tetrachloride
Concen: 20.771 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

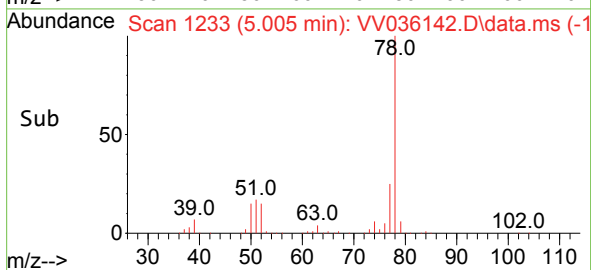
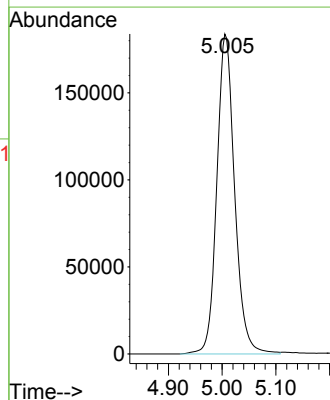
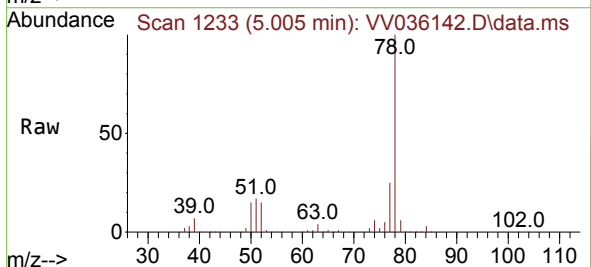
Instrument :
MSVOA_V
ClientSampleId :

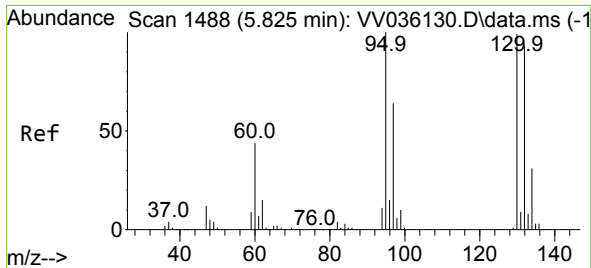
Tgt Ion:117 Resp: 168097
Ion Ratio Lower Upper
117 100
119 96.5 76.8 115.2



#33
Benzene
Concen: 19.186 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.003 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

Tgt Ion: 78 Resp: 423414

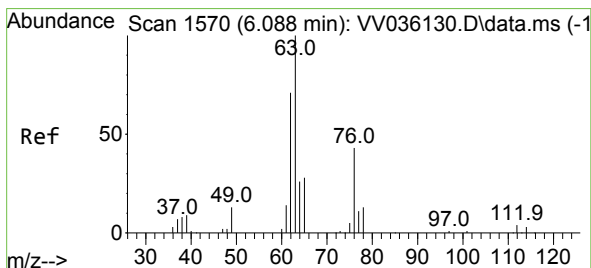
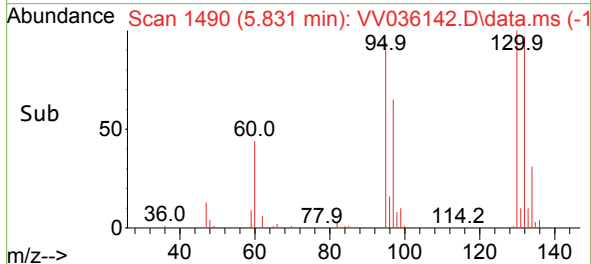
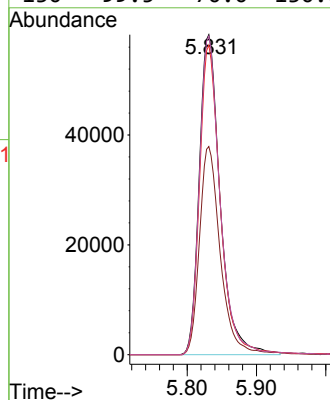
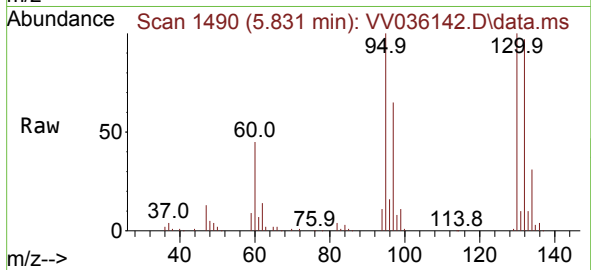




#34
Trichloroethene
Concen: 18.067 ug/L
RT: 5.831 min Scan# 1488
Delta R.T. 0.007 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

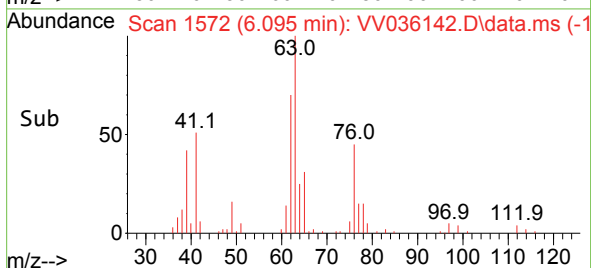
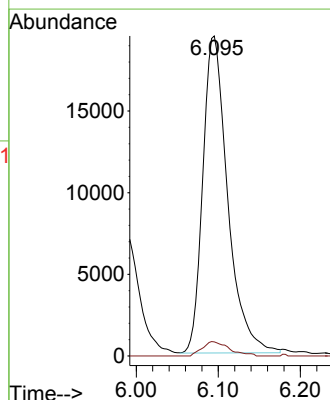
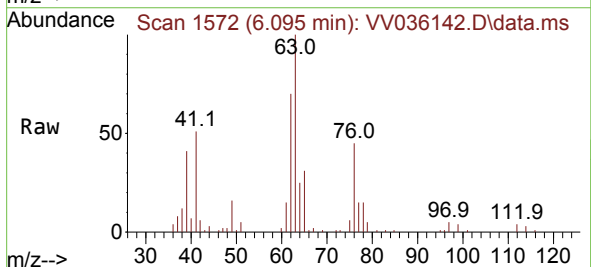
Instrument :
MSVOA_V
ClientSampleId :

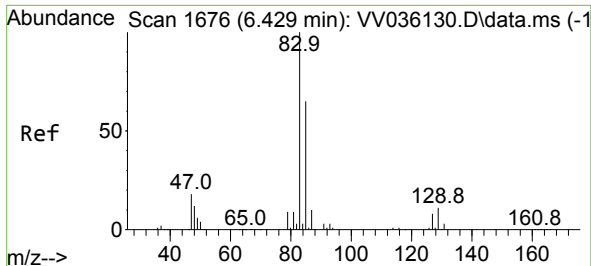
Tgt Ion: 95 Resp: 122202
Ion Ratio Lower Upper
95 100
97 65.0 44.8 83.2
132 96.8 66.8 124.2
130 99.5 70.0 130.0



#37
1,2-Dichloropropane
Concen: 7.079 ug/L
RT: 6.095 min Scan# 1572
Delta R.T. 0.007 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

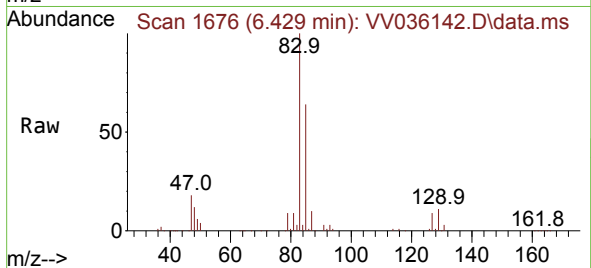
Tgt Ion: 63 Resp: 41025
Ion Ratio Lower Upper
63 100
112 4.7 3.5 5.3



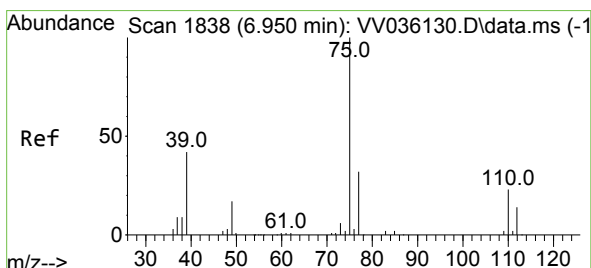
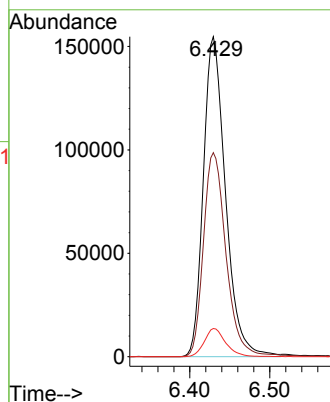
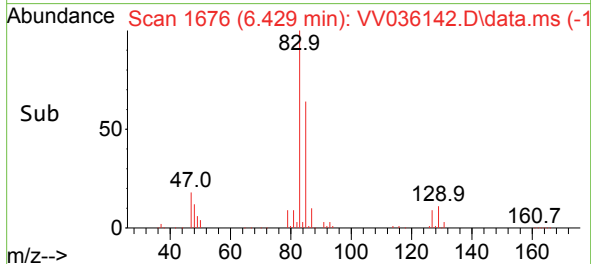


#38
Bromodichloromethane
Concen: 38.914 ug/L
RT: 6.429 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

Instrument :
MSVOA_V
ClientSampleId :

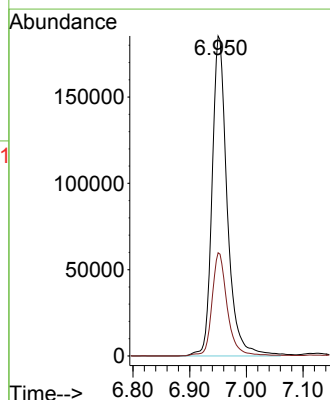
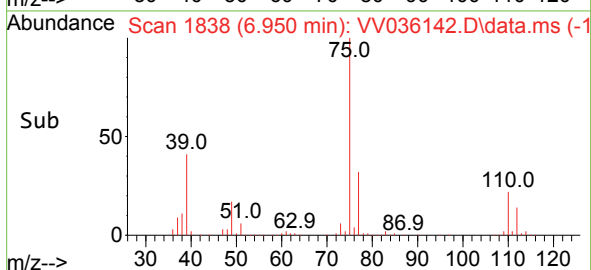
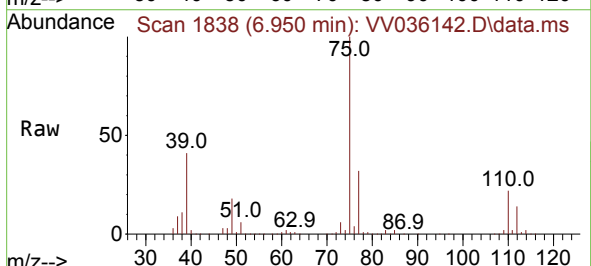


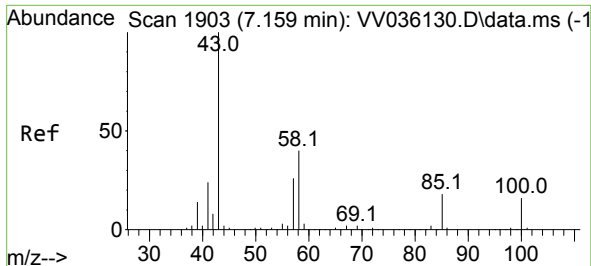
Tgt Ion: 83 Resp: 298479
Ion Ratio Lower Upper
83 100
85 63.8 45.3 84.1
127 8.8 6.7 10.1



#39
cis-1,3-Dichloropropene
Concen: 39.686 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

Tgt Ion: 75 Resp: 343973
Ion Ratio Lower Upper
75 100
77 32.2 22.1 41.1

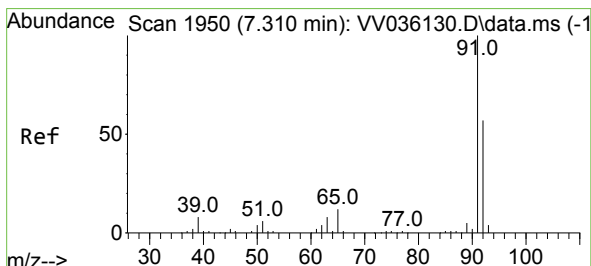
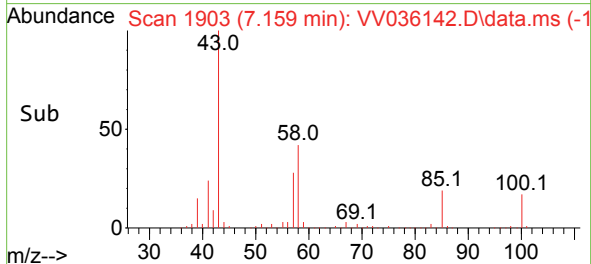
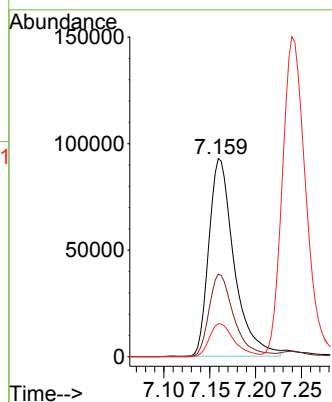
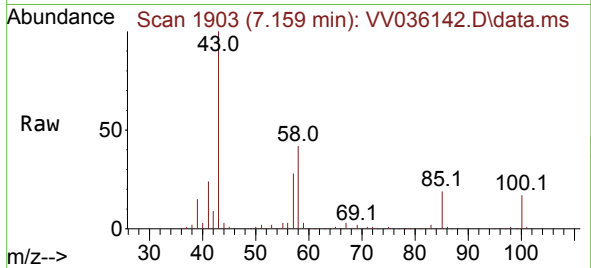




#40
4-Methyl-2-pentanone
Concen: 56.458 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

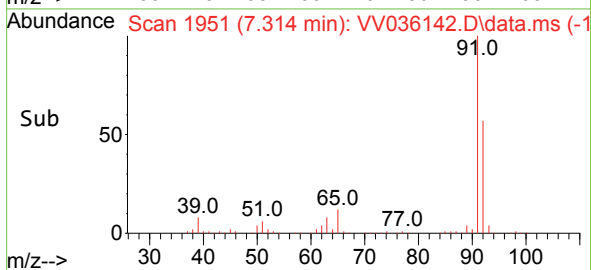
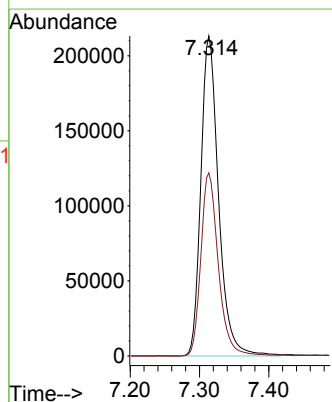
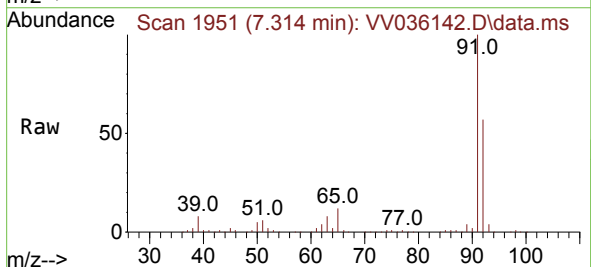
Instrument :
MSVOA_V
ClientSampleId :

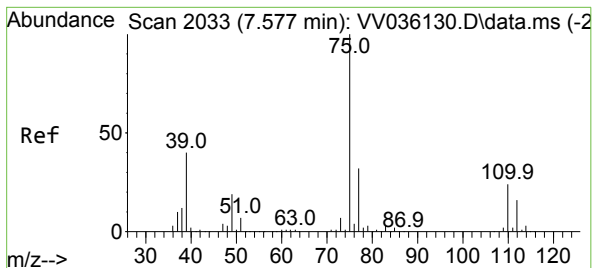
Tgt Ion: 43 Resp: 177753
Ion Ratio Lower Upper
43 100
58 41.2 32.5 48.7
100 16.4 12.5 18.7



#42
Toluene
Concen: 16.806 ug/L
RT: 7.314 min Scan# 1951
Delta R.T. 0.003 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

Tgt Ion: 91 Resp: 378991
Ion Ratio Lower Upper
91 100
92 57.3 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 24.154 ug/L

RT: 7.580 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

Instrument :

MSVOA_V

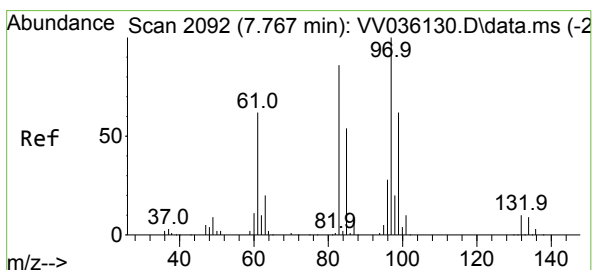
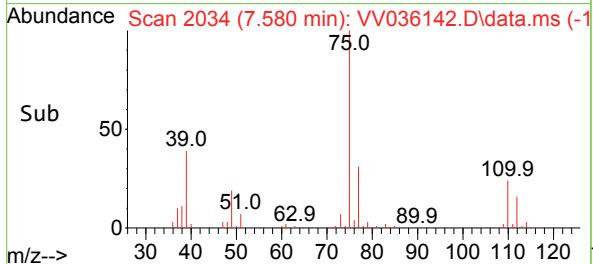
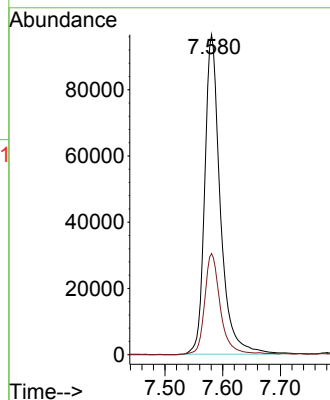
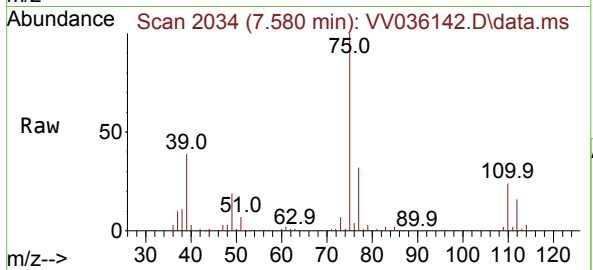
ClientSampleId :

Tgt Ion: 75 Resp: 180826

Ion Ratio Lower Upper

75 100

77 31.6 23.1 42.9



#45

1,1,2-Trichloroethane

Concen: 13.678 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. 0.003 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

Tgt Ion: 97 Resp: 65585

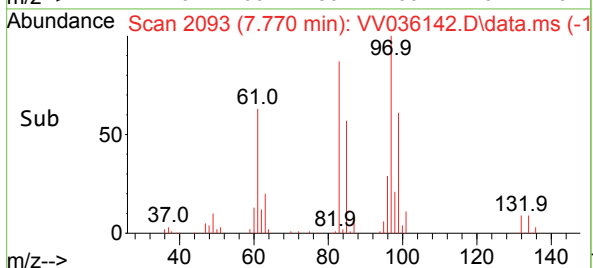
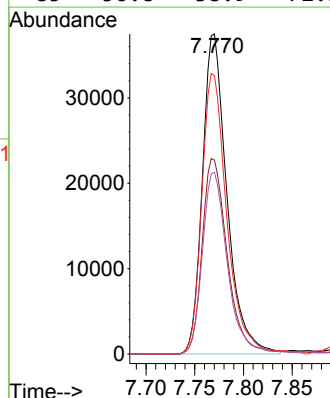
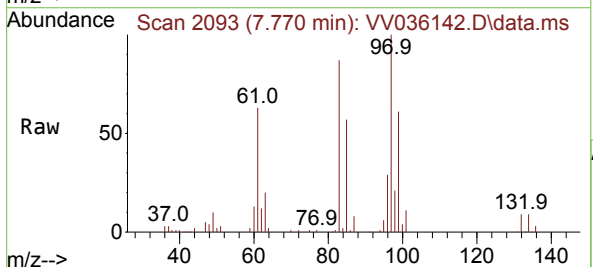
Ion Ratio Lower Upper

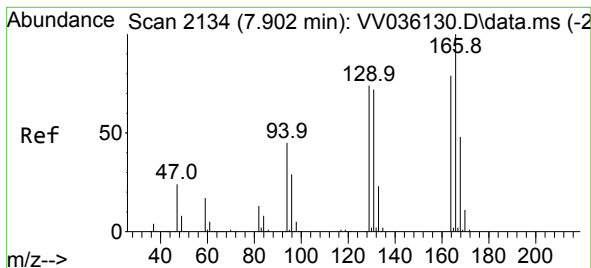
97 100

99 60.6 43.3 80.5

83 87.0 60.1 111.7

85 56.8 38.9 72.3





#46

Tetrachloroethene

Concen: 24.200 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.000 min

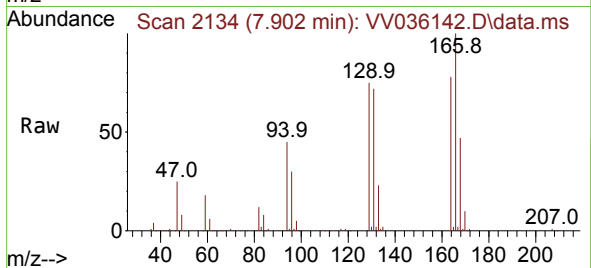
Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 119715

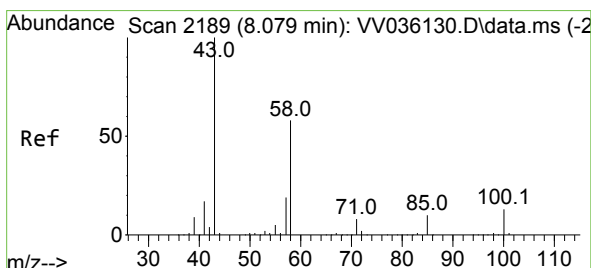
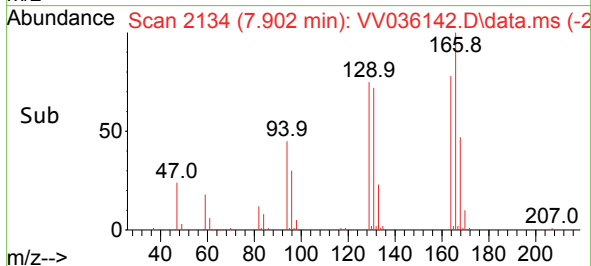
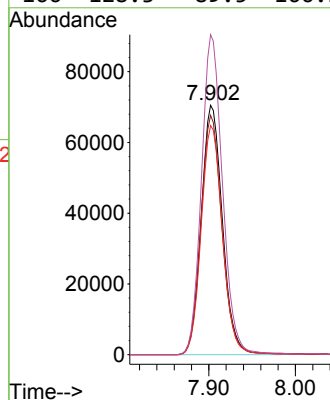
Ion Ratio Lower Upper

164 100

129 96.0 64.6 120.0

131 91.8 63.2 117.4

166 128.3 89.5 166.3



#48

2-Hexanone

Concen: 64.319 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.000 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

Tgt Ion: 43 Resp: 158314

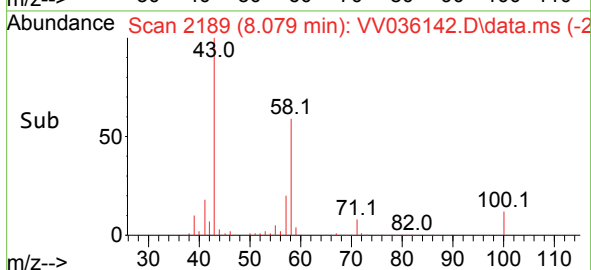
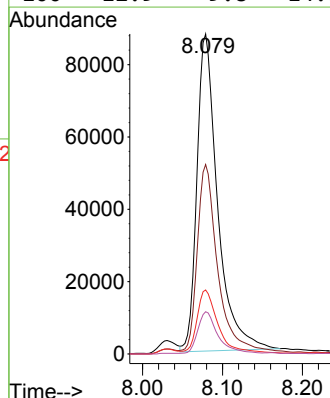
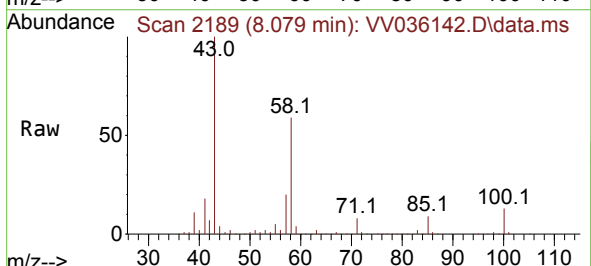
Ion Ratio Lower Upper

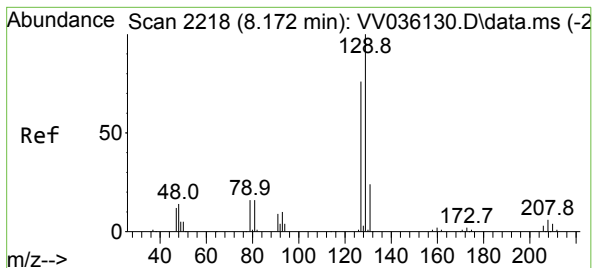
43 100

58 59.1 45.4 68.0

57 20.5 15.8 23.8

100 12.9 9.8 14.8





#49

Dibromochloromethane

Concen: 45.000 ug/L

RT: 8.175 min Scan# 2218

Delta R.T. 0.003 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

Instrument :

MSVOA_V

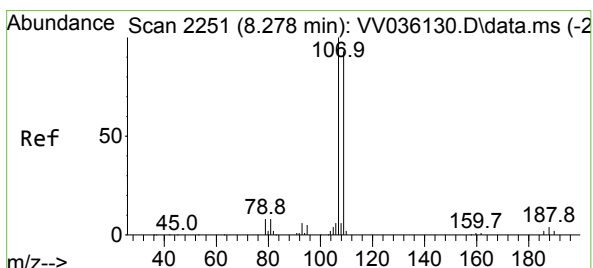
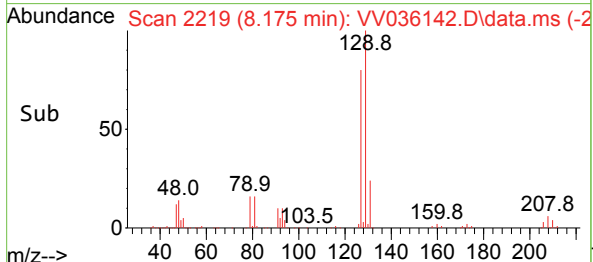
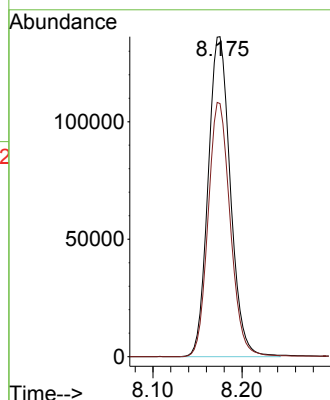
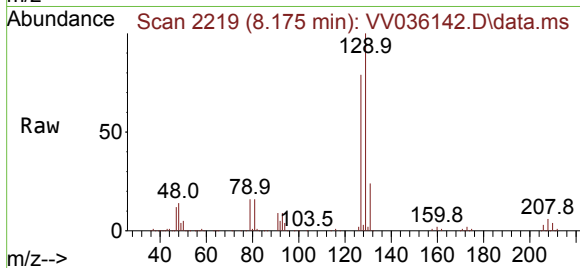
ClientSampleId :

Tgt Ion:129 Resp: 236145

Ion Ratio Lower Upper

129 100

127 79.1 53.9 100.1



#50

1,2-Dibromoethane

Concen: 38.148 ug/L

RT: 8.281 min Scan# 2252

Delta R.T. 0.003 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

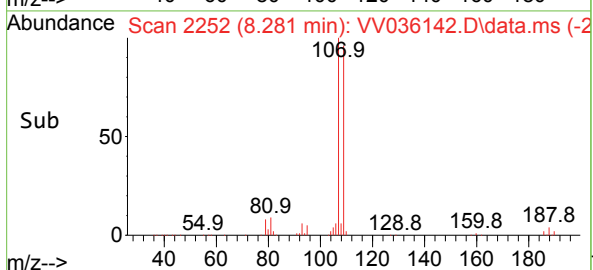
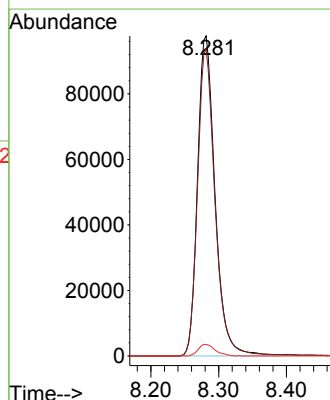
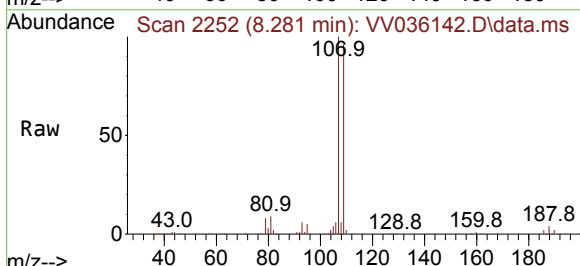
Tgt Ion:107 Resp: 175513

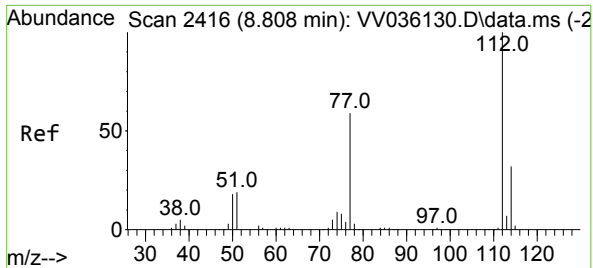
Ion Ratio Lower Upper

107 100

109 95.9 66.1 122.7

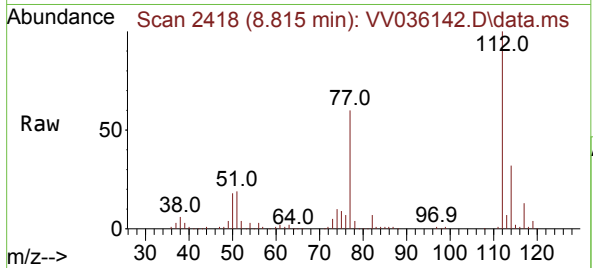
188 3.6 3.0 4.6



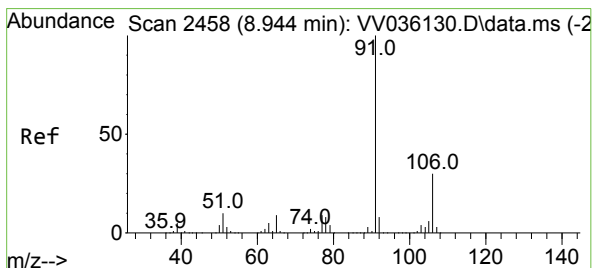
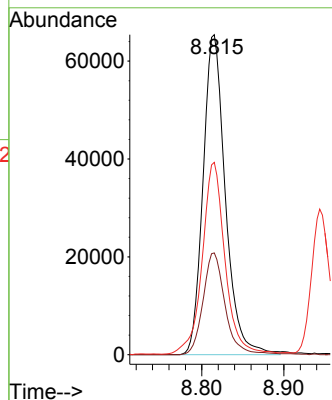
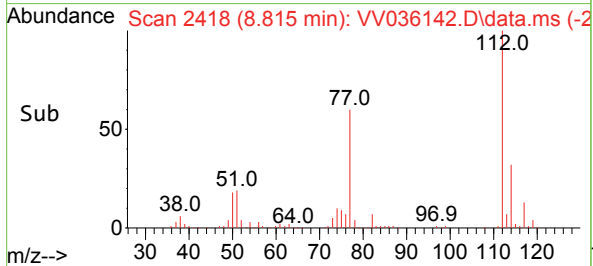


#51
Chlorobenzene
Concen: 8.035 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.007 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

Instrument :
MSVOA_V
ClientSampleId :

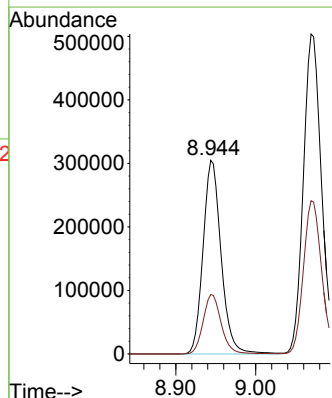
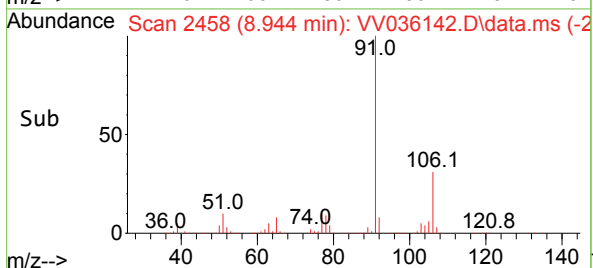
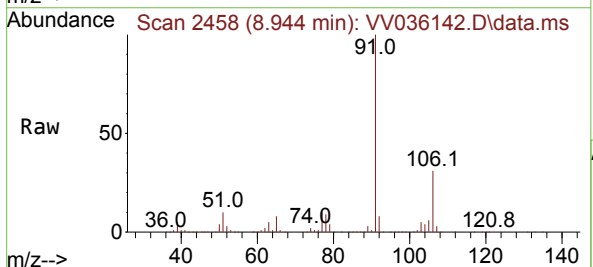


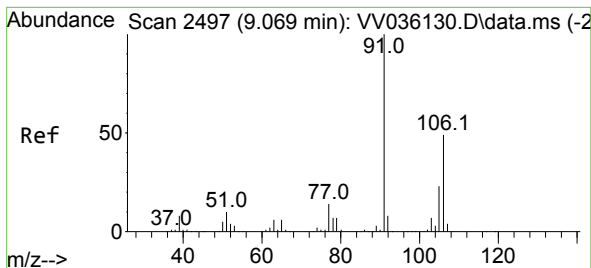
Tgt Ion:112 Resp: 123460
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.5
77 60.1 47.3 70.9



#52
Ethylbenzene
Concen: 19.881 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

Tgt Ion: 91 Resp: 479686
Ion Ratio Lower Upper
91 100
106 30.7 21.6 40.0





#53

m,p-Xylene

Concen: 42.490 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

Instrument :

MSVOA_V

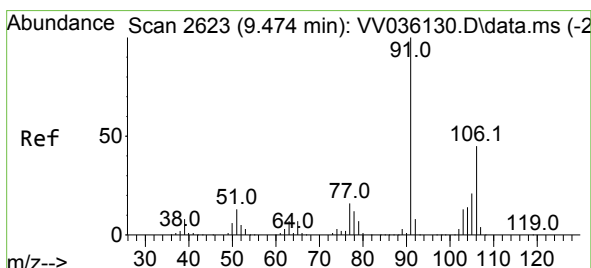
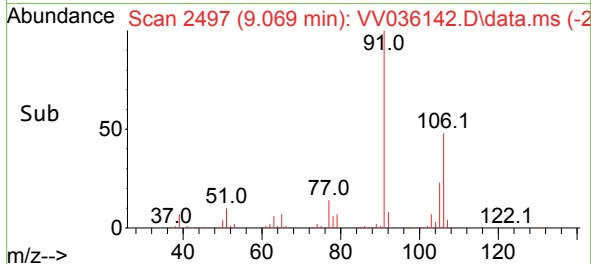
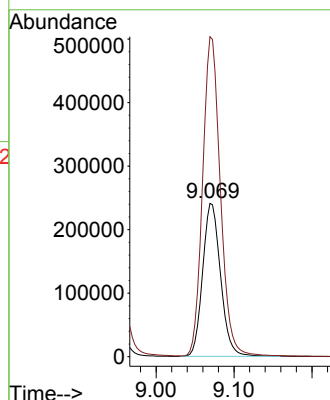
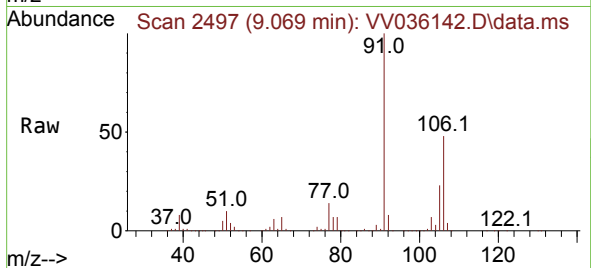
ClientSampleId :

Tgt Ion:106 Resp: 385205

Ion Ratio Lower Upper

106 100

91 208.7 143.1 265.9



#54

o-Xylene

Concen: 18.034 ug/L

RT: 9.477 min Scan# 2624

Delta R.T. 0.003 min

Lab File: VV036142.D

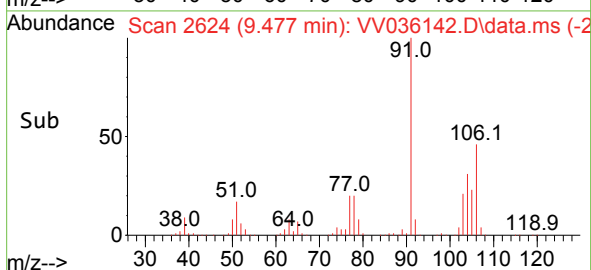
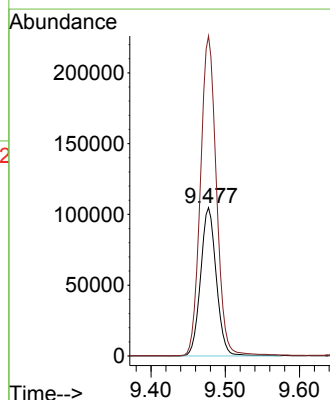
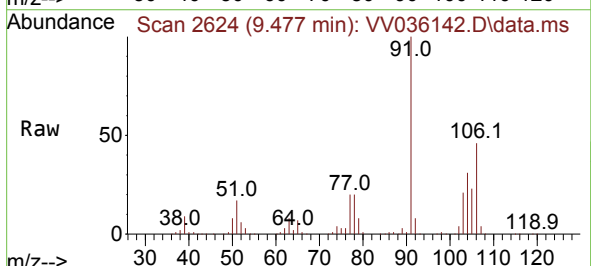
Acq: 19 Jun 2024 17:04

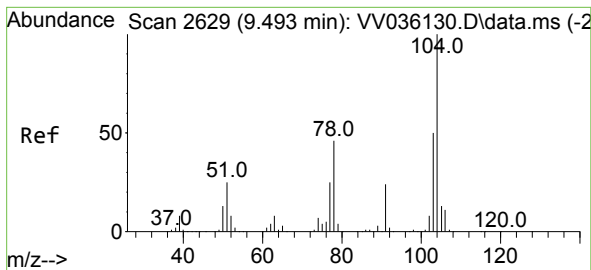
Tgt Ion:106 Resp: 154182

Ion Ratio Lower Upper

106 100

91 215.8 154.5 286.9





#55

Styrene

Concen: 31.229 ug/L

RT: 9.494 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

Instrument :

MSVOA_V

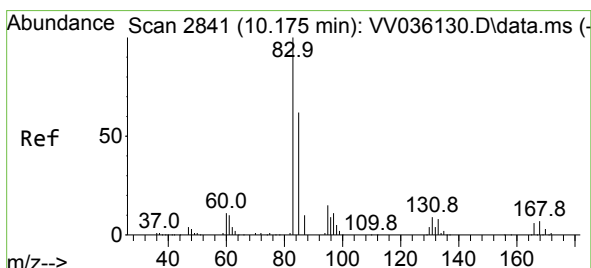
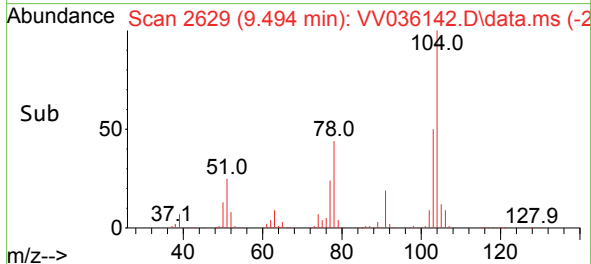
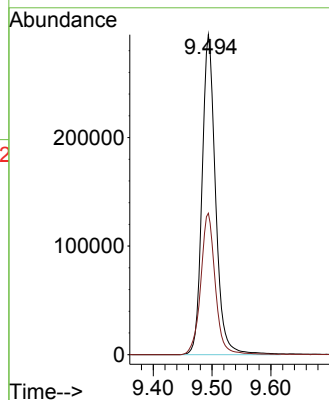
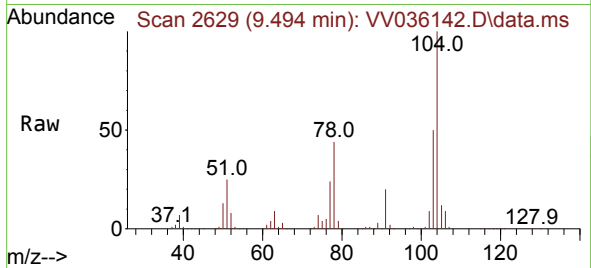
ClientSampleId :

Tgt Ion:104 Resp: 470822

Ion Ratio Lower Upper

104 100

78 44.2 31.4 58.2



#57

1,1,2,2-Tetrachloroethane

Concen: 16.394 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

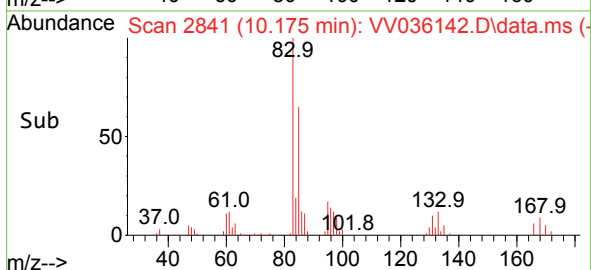
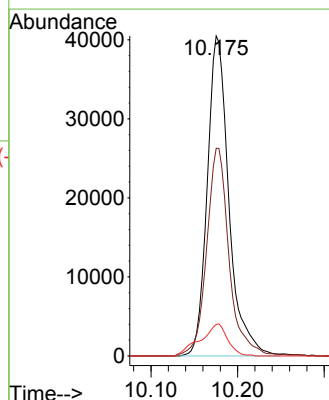
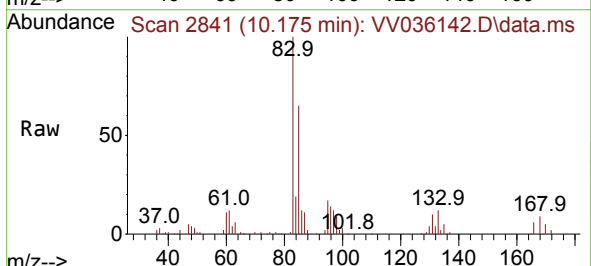
Tgt Ion: 83 Resp: 70386

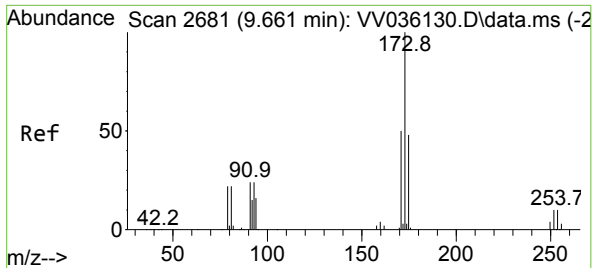
Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.7

131 9.8 7.6 11.4

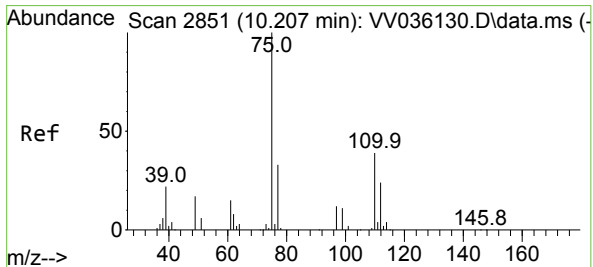
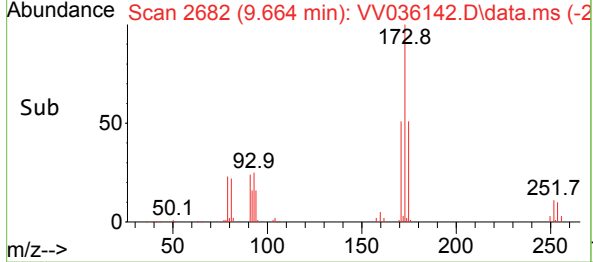
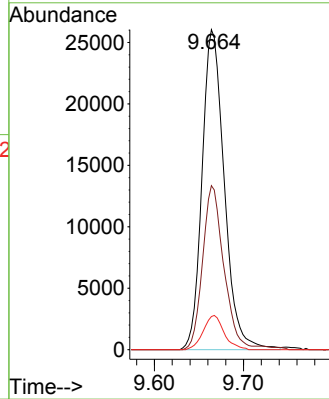
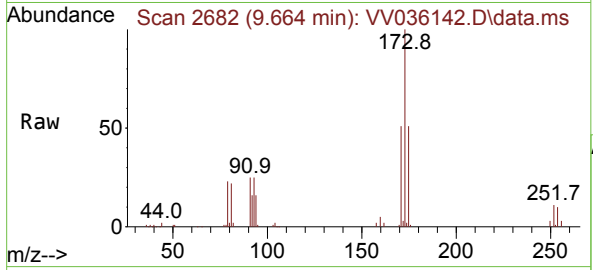




#59
Bromoform
Concen: 13.237 ug/L
RT: 9.664 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

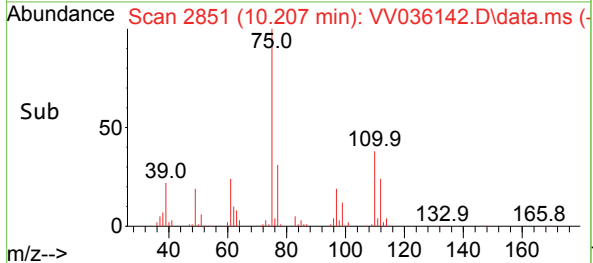
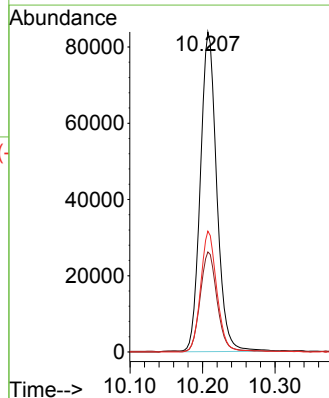
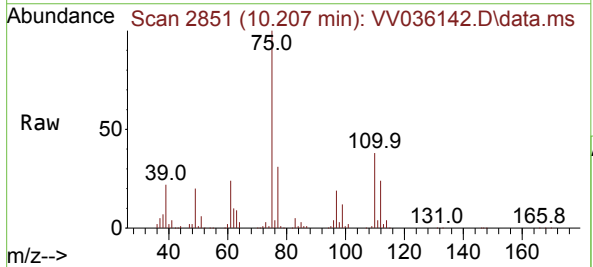
Instrument :
MSVOA_V
ClientSampleId :

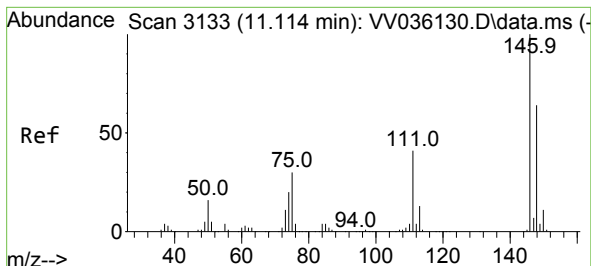
Tgt Ion:173 Resp: 45102
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.6
254 10.0 8.6 13.0



#61
1,2,3-Trichloropropane
Concen: 30.842 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

Tgt Ion: 75 Resp: 131795
Ion Ratio Lower Upper
75 100
77 31.3 26.0 39.0
110 37.3 32.2 48.4





#64

1,3-Dichlorobenzene

Concen: 40.624 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

Instrument :

MSVOA_V

ClientSampleId :

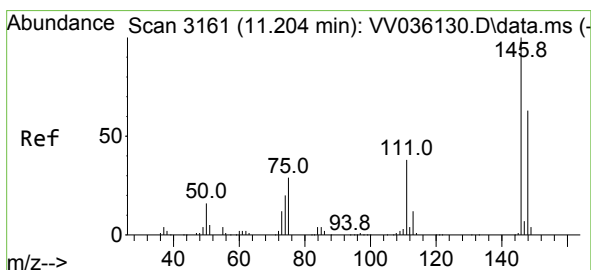
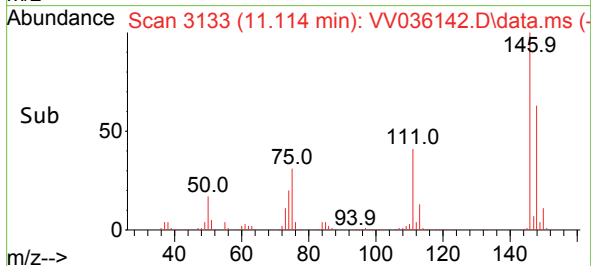
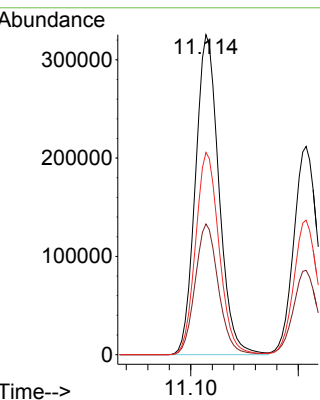
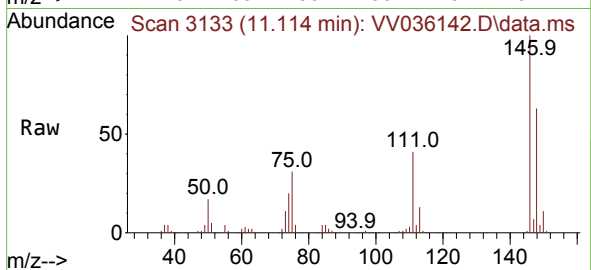
Tgt Ion:146 Resp: 494533

Ion Ratio Lower Upper

146 100

111 40.8 28.1 52.1

148 63.2 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 26.488 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

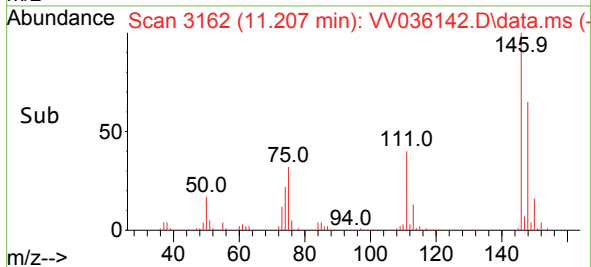
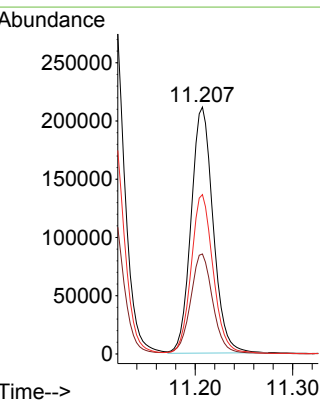
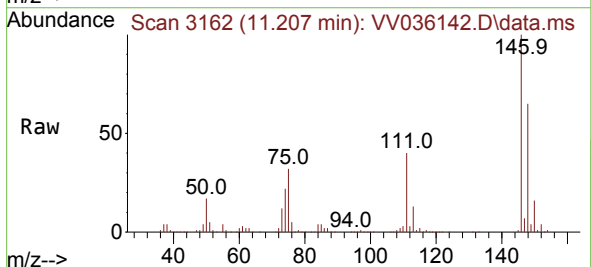
Tgt Ion:146 Resp: 332817

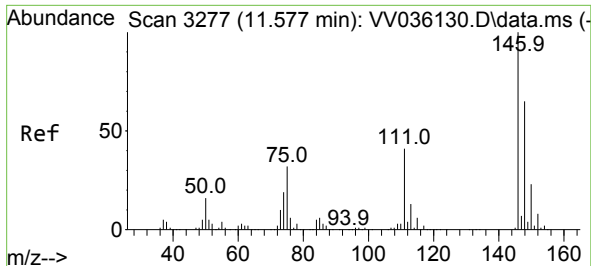
Ion Ratio Lower Upper

146 100

111 40.5 26.9 50.1

148 64.6 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 13.860 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

Instrument :

MSVOA_V

ClientSampleId :

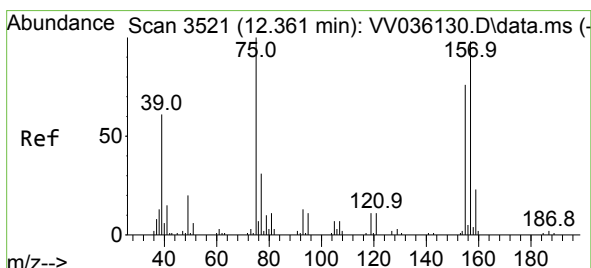
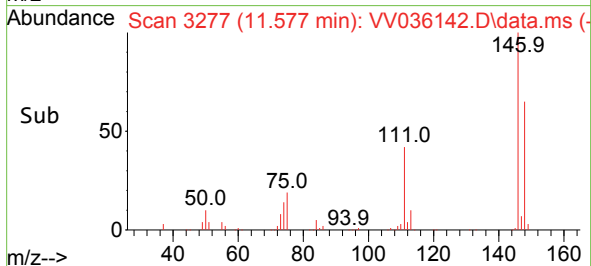
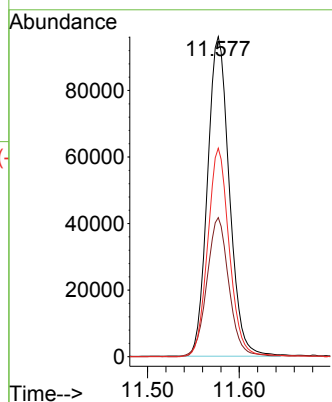
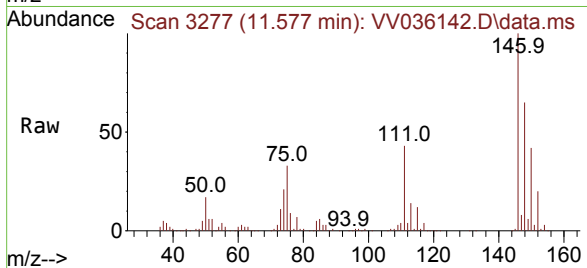
Tgt Ion:146 Resp: 158773

Ion Ratio Lower Upper

146 100

111 43.4 33.5 50.3

148 65.1 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 23.367 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV036142.D

Acq: 19 Jun 2024 17:04

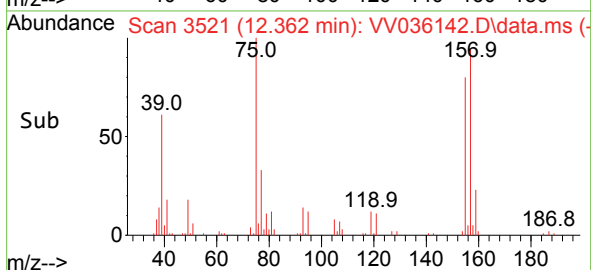
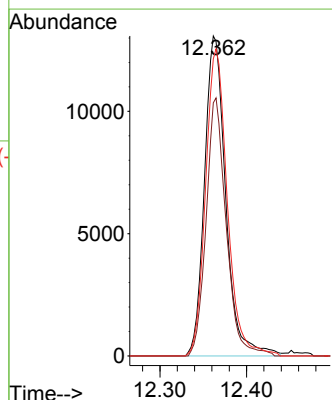
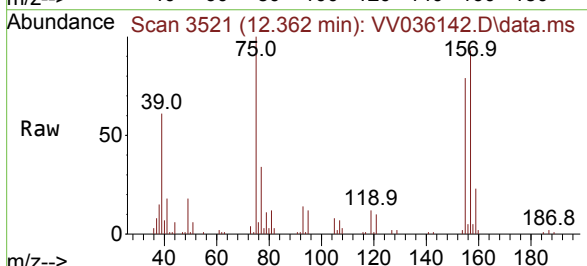
Tgt Ion: 75 Resp: 22328

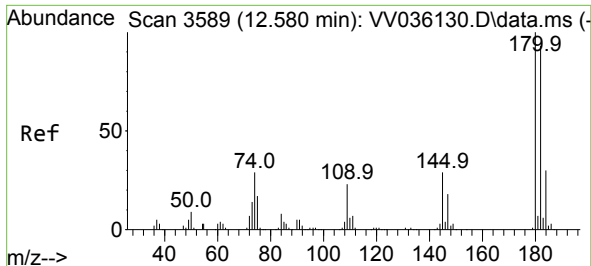
Ion Ratio Lower Upper

75 100

155 79.1 63.3 94.9

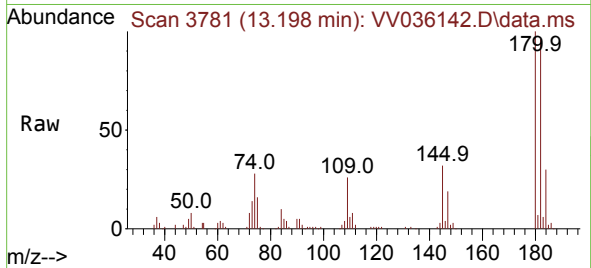
157 92.9 82.4 123.6



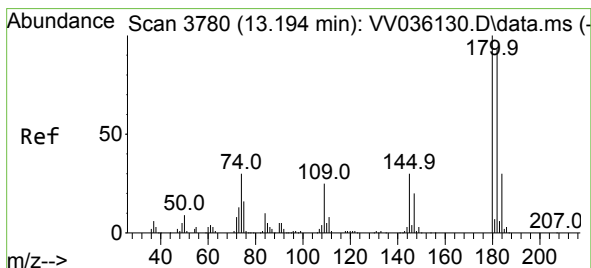
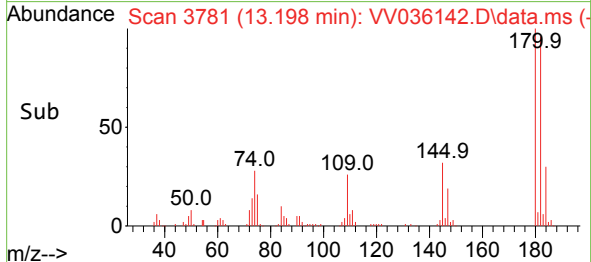
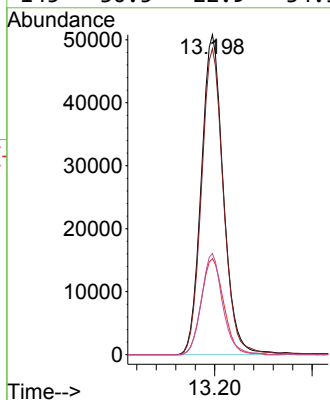


#69
1,3,5-Trichlorobenzene
Concen: 8.757 ug/L
RT: 13.198 min Scan# 3781
Delta R.T. 0.618 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

Instrument :
MSVOA_V
ClientSampleId :

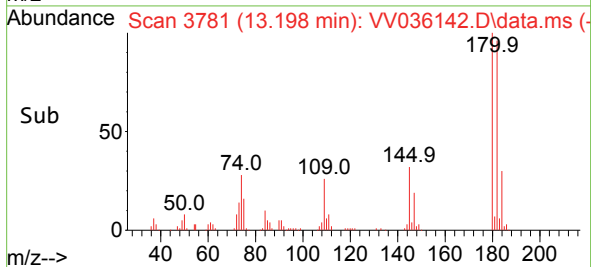
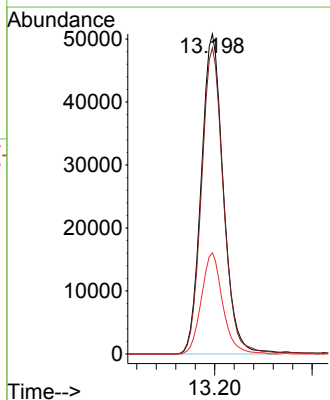
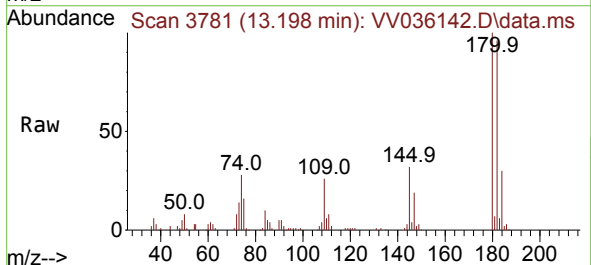


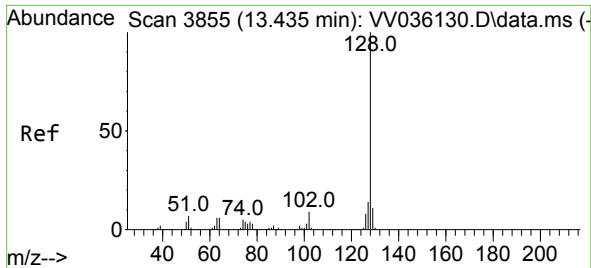
Tgt Ion:180 Resp: 79739
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.4
184 30.4 24.2 36.2
145 30.5 22.9 34.3



#70
1,2,4-trichlorobenzene
Concen: 11.122 ug/L
RT: 13.198 min Scan# 3781
Delta R.T. 0.003 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

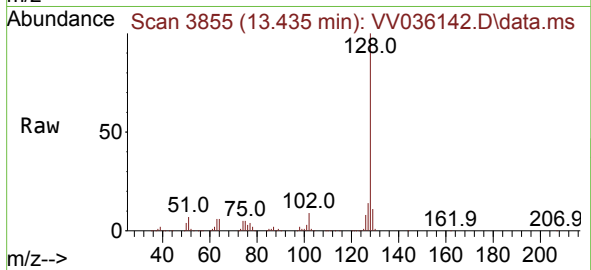
Tgt Ion:180 Resp: 79739
Ion Ratio Lower Upper
180 100
182 95.3 76.1 114.1
145 30.5 23.5 35.3





#71
Naphthalene
Concen: 39.611 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV036142.D
Acq: 19 Jun 2024 17:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 463479
Ion Ratio Lower Upper
128 100
127 13.7 10.6 16.0
129 10.7 8.8 13.2

