

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080524\
 Data File : VV036777.D
 Acq On : 05 Aug 2024 11:35
 Operator : SY/MD
 Sample : P3391-02 2.5 PPB MDL
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 05:16:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 06 02:51:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	473391	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	442301	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	214283	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	189481	50.114	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.220%	
7) Chloroethane-d5	1.532	69	153932	51.625	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 103.240%	
11) 1,1-Dichloroethene-d2	2.056	65	83322	51.518	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.040%	
21) 2-Butanone-d5	3.789	46	173891	86.802	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 86.800%	
24) Chloroform-d	4.240	84	344144	50.720	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.440%	
26) 1,2-Dichloroethane-d4	4.934	65	226585	51.938	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.880%	
32) Benzene-d6	4.950	84	713034	53.374	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.740%	
36) 1,2-Dichloropropane-d6	5.982	67	228216	52.952	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 105.900%	
41) Toluene-d8	7.236	98	650236	53.061	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 106.120%	
43) trans-1,3-Dichloroprop...	7.548	79	110647	49.331	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 98.660%	
47) 2-Hexanone-d5	8.024	63	99983	80.683	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 80.680%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	226752	45.822	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 91.640%	
66) 1,2-Dichlorobenzene-d4	11.554	152	230660	52.825	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	7357	1.949	ug/L	97
3) Chloromethane	1.217	50	7443	1.884	ug/L	93
5) Vinyl chloride	1.281	62	8740	2.154	ug/L #	54
6) Bromomethane	1.487	94	5353	2.096	ug/L	92
8) Chloroethane	1.548	64	4375	1.741	ug/L	95
9) Trichlorofluoromethane	1.712	101	9208	1.733	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	7902	2.524	ug/L #	76
12) 1,1-Dichloroethene	2.066	96	7602	2.542	ug/L #	1
13) Acetone	2.114	43	5625	3.356	ug/L	96
14) Carbon disulfide	2.240	76	19202	2.044	ug/L	96
15) Methyl Acetate	2.371	43	5830	1.688	ug/L	96
16) Methylene chloride	2.442	84	7616	2.265	ug/L	93
17) trans-1,2-Dichloroethene	2.690	96	5745	1.855	ug/L	94
18) Methyl tert-butyl Ether	2.706	73	19308	1.770	ug/L	97
19) 1,1-Dichloroethane	3.105	63	12180	1.946	ug/L #	96
20) cis-1,2-Dichloroethene	3.812	96	7303	2.009	ug/L	83
22) 2-Butanone	3.905	43	3762	1.675	ug/L #	75
23) Bromochloromethane	4.146	128	1791	1.014	ug/L	90
25) Chloroform	4.268	83	18465	2.873	ug/L	96

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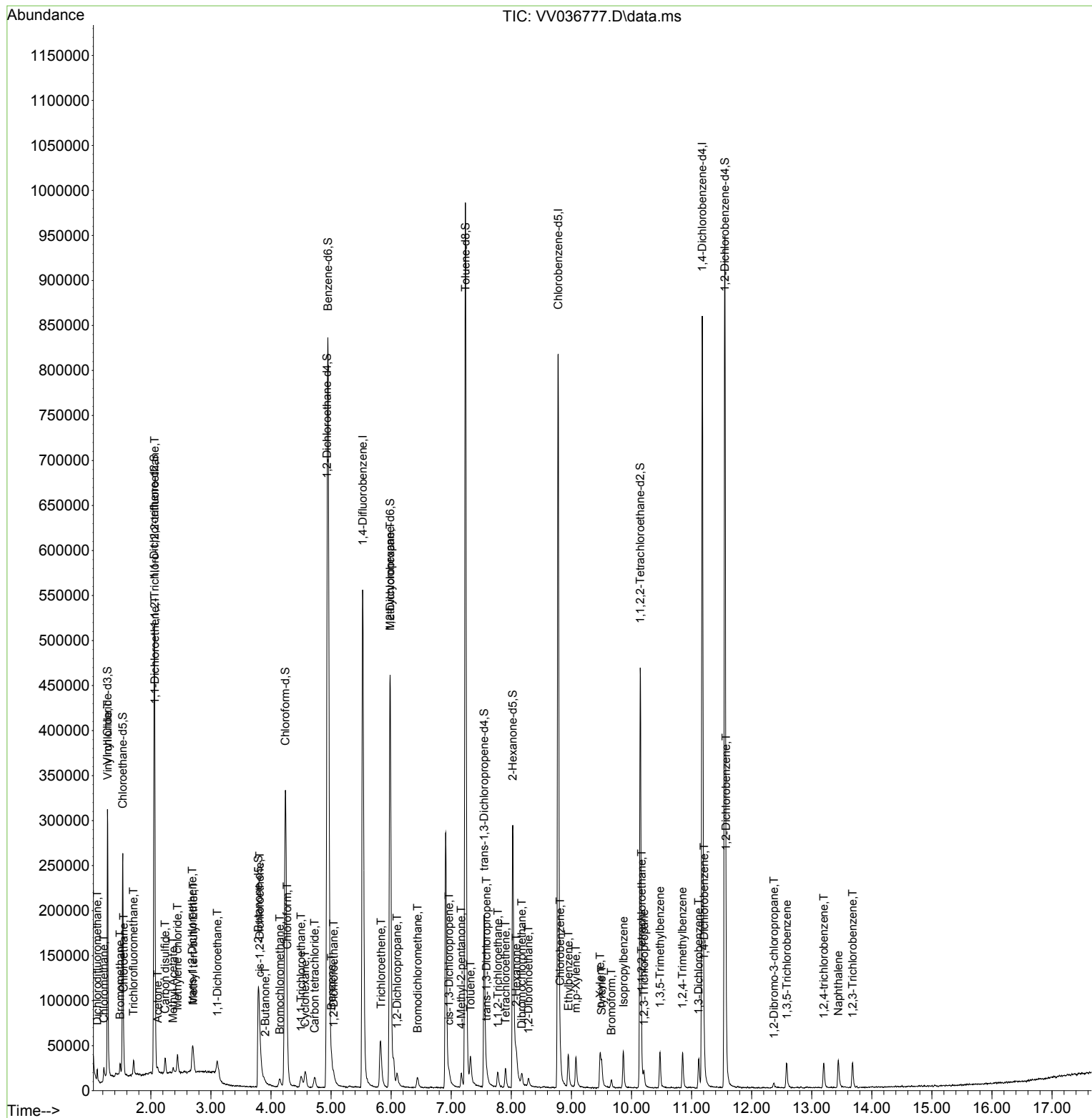
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	3296	0.650	ug/L	99
29) Cyclohexane	4.567	56	5760	1.022	ug/L #	47
30) 1,1,1-Trichloroethane	4.500	97	10025	1.799	ug/L #	79
31) Carbon tetrachloride	4.725	117	8304	1.774	ug/L	98
33) Benzene	5.008	78	24628	1.862	ug/L	100
34) Trichloroethene	5.834	95	7941	2.071	ug/L	89
35) Methylcyclohexane	5.982	83	54760	9.308	ug/L #	19
37) 1,2-Dichloropropane	6.098	63	6000	1.712	ug/L #	93
38) Bromodichloromethane	6.439	83	8077	1.674	ug/L #	95
39) cis-1,3-Dichloropropene	6.963	75	8878	1.479	ug/L	90
40) 4-Methyl-2-pentanone	7.169	43	9993	2.302	ug/L	95
42) Toluene	7.320	91	24498	1.739	ug/L	97
44) trans-1,3-Dichloropropene	7.587	75	7919	1.416	ug/L	92
45) 1,1,2-Trichloroethane	7.776	97	5810	1.712	ug/L	91
46) Tetrachloroethene	7.905	164	4915	1.954	ug/L	83
48) 2-Hexanone	8.085	43	23979	7.508	ug/L #	95
49) Dibromochloromethane	8.175	129	6121	1.755	ug/L	99
50) 1,2-Dibromoethane	8.284	107	6179	1.755	ug/L	98
51) Chlorobenzene	8.812	112	16469	1.822	ug/L	99
52) Ethylbenzene	8.950	91	28697	1.784	ug/L	99
53) m,p-Xylene	9.075	106	11235	1.868	ug/L	98
54) o-Xylene	9.480	106	10226	1.738	ug/L	86
55) Styrene	9.503	104	15992	1.586	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.172	83	8405	1.835	ug/L #	95
59) Bromoform	9.667	173	3864	1.630	ug/L #	93
60) Isopropylbenzene	9.866	105	27281	1.749	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	6909	1.791	ug/L #	92
62) 1,3,5-Trimethylbenzene	10.474	105	22622	1.742	ug/L	96
63) 1,2,4-Trimethylbenzene	10.850	105	22965	1.766	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	13003	1.938	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	14879	2.181	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	13302	2.030	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.371	75	1705	1.530	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	8573	1.801	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	8626	1.889	ug/L	98
71) Naphthalene	13.442	128	27263	1.862	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	7954	1.780	ug/L	92

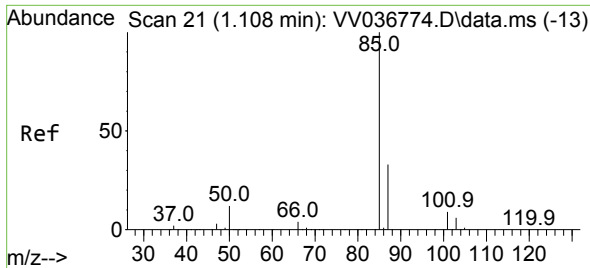
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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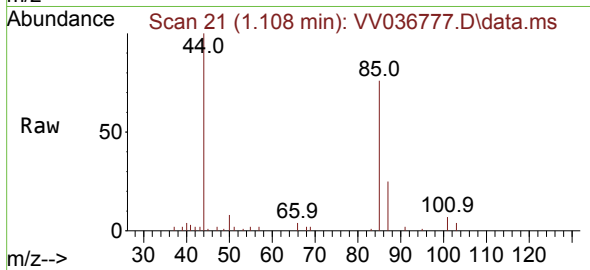
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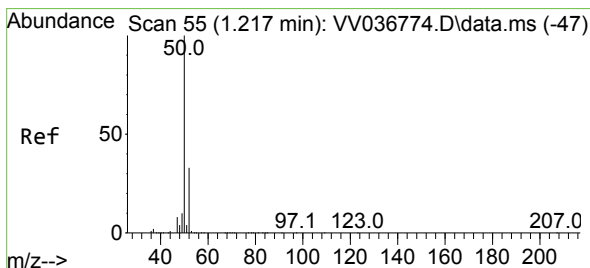
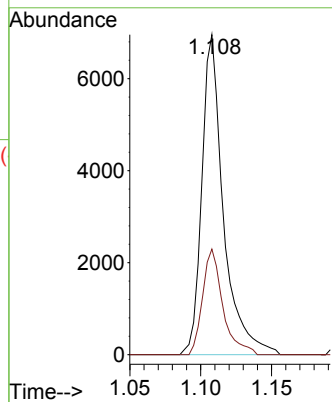
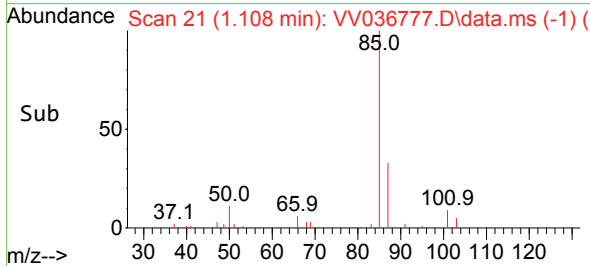


#2
 Dichlorodifluoromethane
 Concen: 1.949 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV036777.D
 Acq: 05 Aug 2024 11:35

Instrument :
 MSVOA_V
 ClientSampleId :

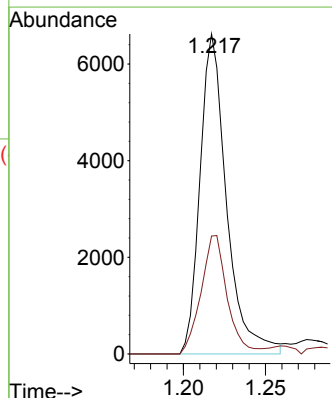
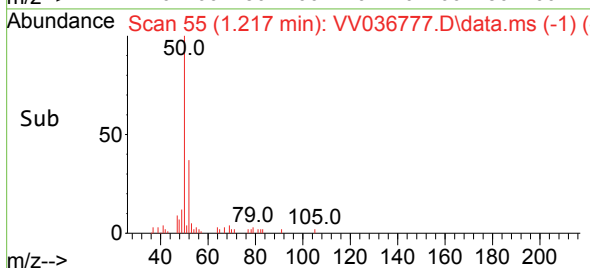
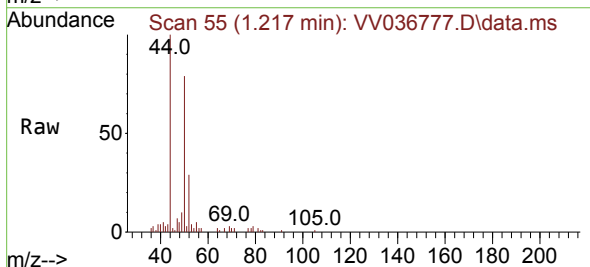


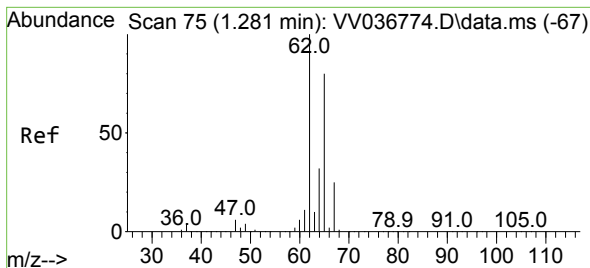
Tgt Ion: 85 Resp: 7357
 Ion Ratio Lower Upper
 85 100
 87 31.0 25.9 38.9



#3
 Chloromethane
 Concen: 1.884 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV036777.D
 Acq: 05 Aug 2024 11:35

Tgt Ion: 50 Resp: 7443
 Ion Ratio Lower Upper
 50 100
 52 36.9 23.0 42.8





#5

Vinyl chloride

Concen: 2.154 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.000 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

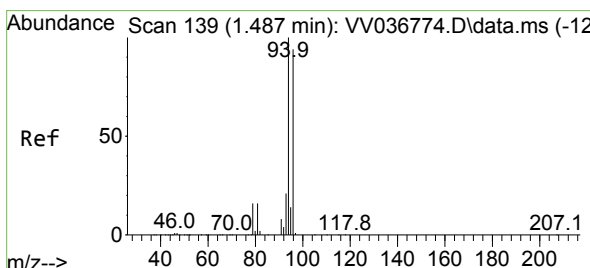
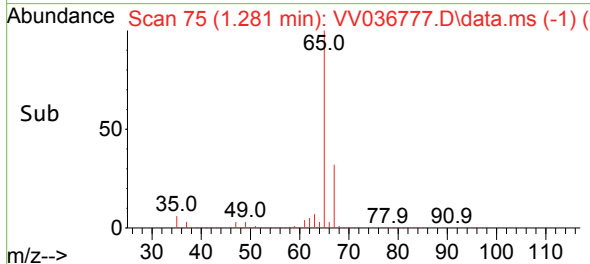
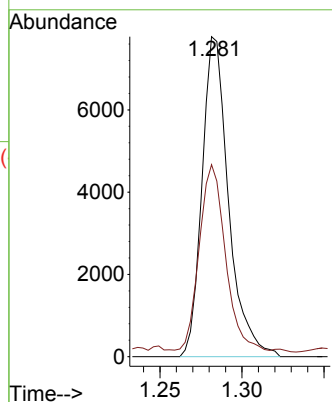
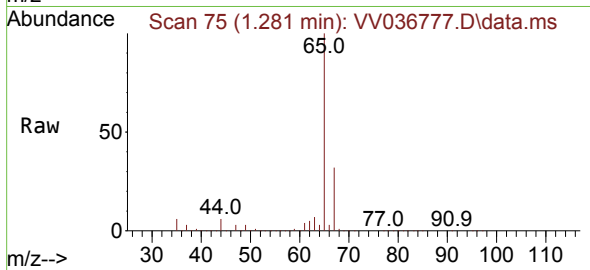
ClientSampleId :

Tgt Ion: 62 Resp: 8740

Ion Ratio Lower Upper

62 100

64 60.0 23.6 43.8#



#6

Bromomethane

Concen: 2.096 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV036777.D

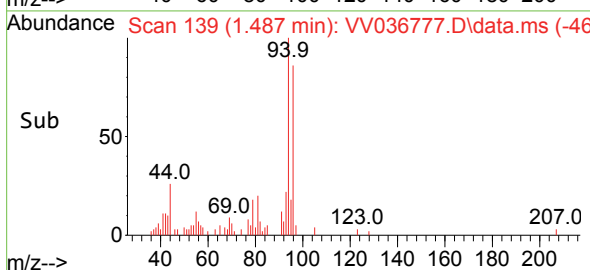
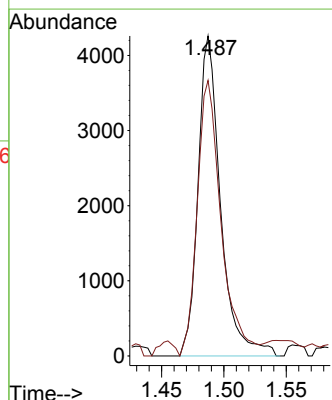
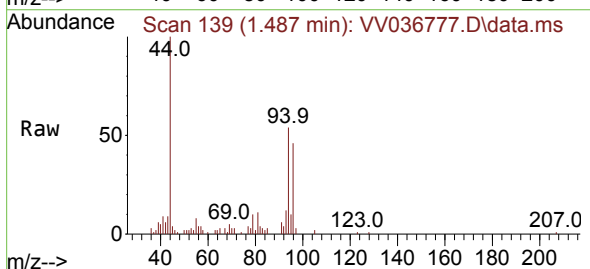
Acq: 05 Aug 2024 11:35

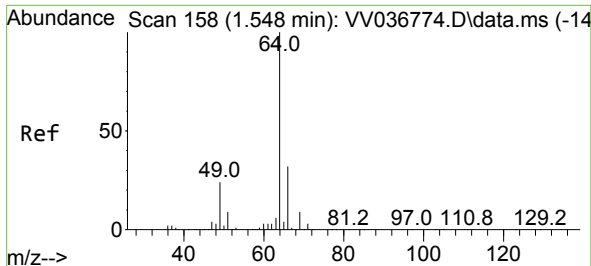
Tgt Ion: 94 Resp: 5353

Ion Ratio Lower Upper

94 100

96 86.1 65.5 121.7

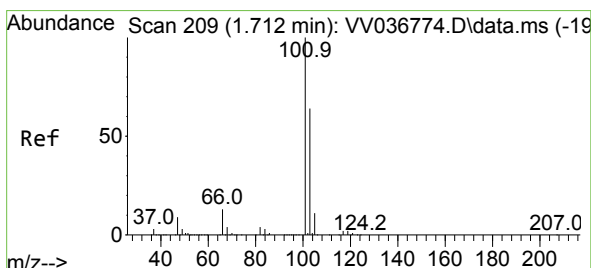
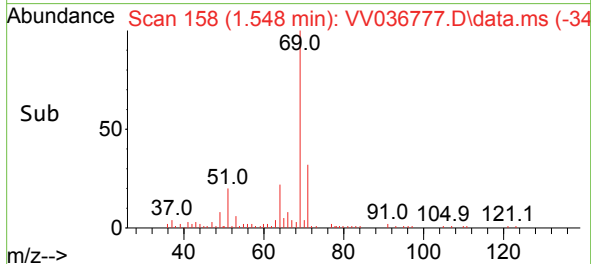
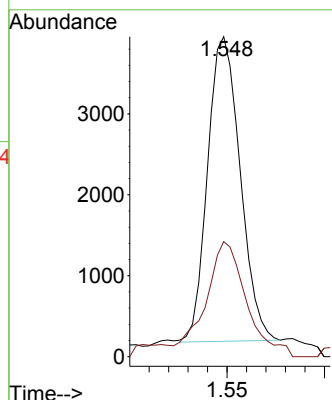
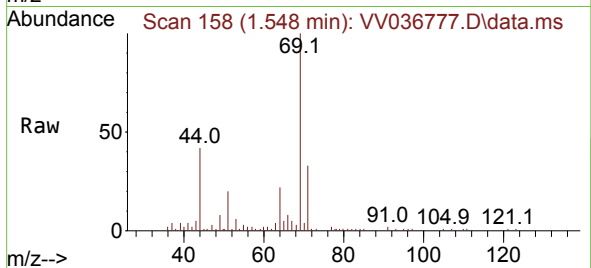




#8
Chloroethane
Concen: 1.741 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

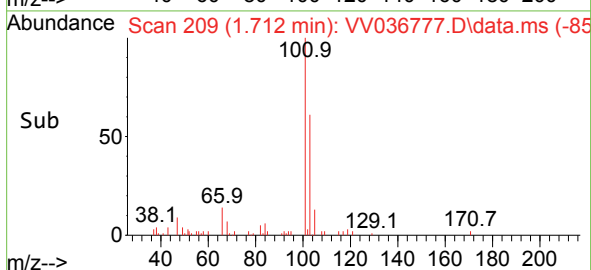
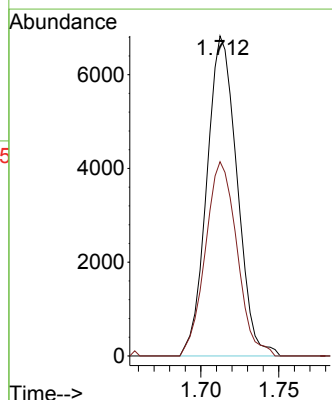
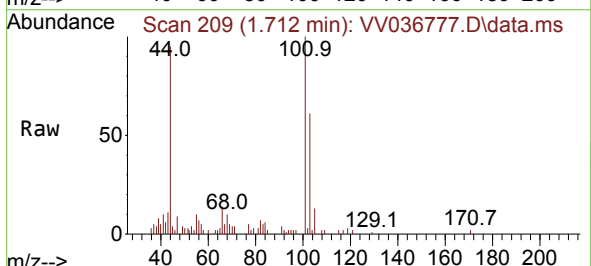
Instrument :
MSVOA_V
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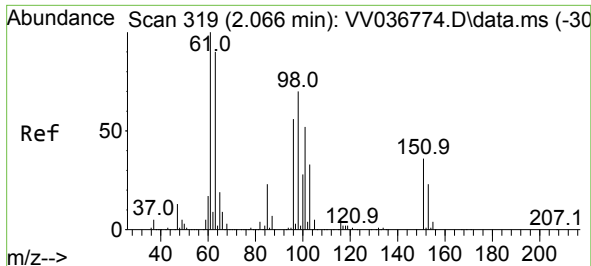
Tgt Ion: 64 Resp: 4375
Ion Ratio Lower Upper
64 100
66 36.0 23.2 43.0



#9
Trichlorofluoromethane
Concen: 1.733 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

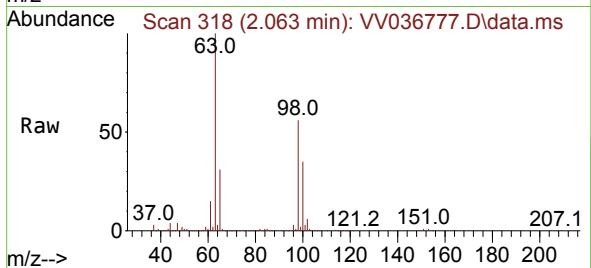
Tgt Ion:101 Resp: 9208
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.0



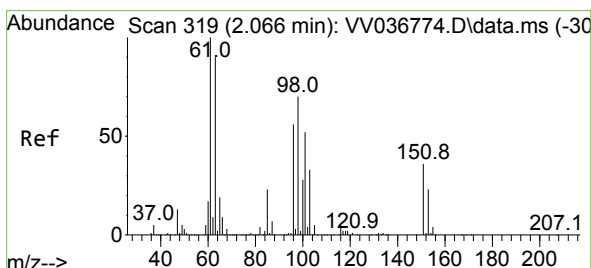
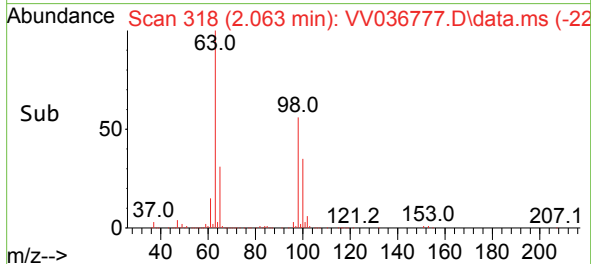
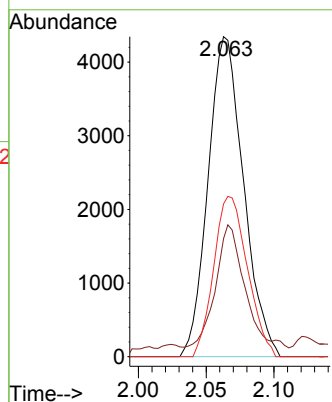


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.524 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV036777.D
 Acq: 05 Aug 2024 11:35

Instrument :
 MSVOA_V
 ClientSampleId :

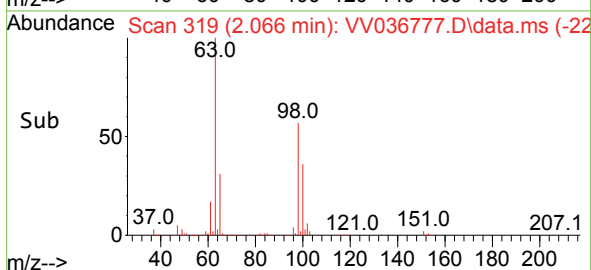
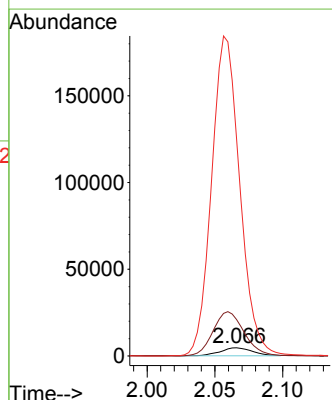
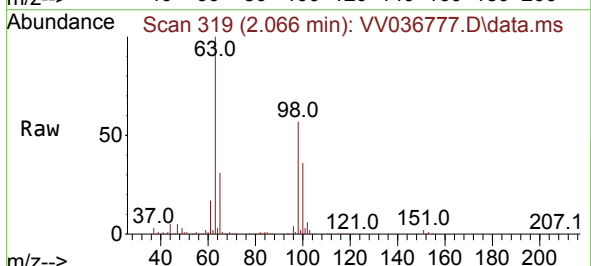


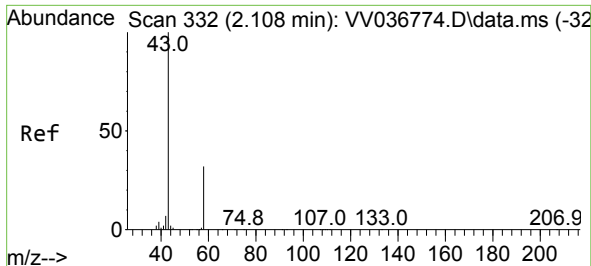
Tgt Ion: 101 Resp: 7902
 Ion Ratio Lower Upper
 101 100
 85 31.0 34.6 51.8#
 151 47.5 55.9 83.9#



#12
 1,1-Dichloroethene
 Concen: 2.542 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV036777.D
 Acq: 05 Aug 2024 11:35

Tgt Ion: 96 Resp: 7602
 Ion Ratio Lower Upper
 96 100
 61 450.6 125.6 233.2#
 63 2688.1 95.1 176.7#





#13

Acetone

Concen: 3.356 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

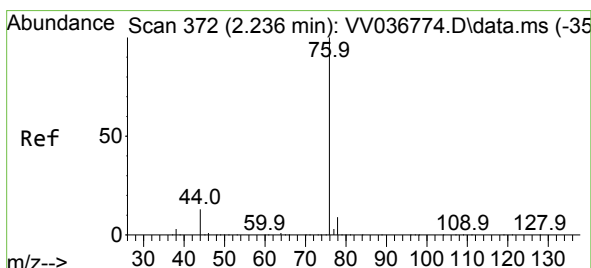
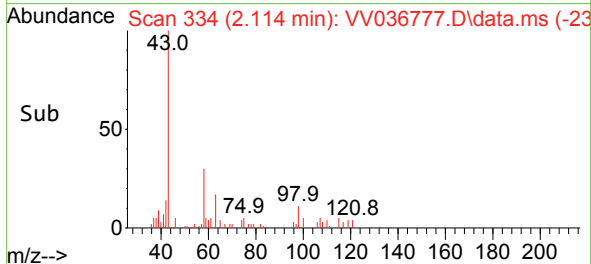
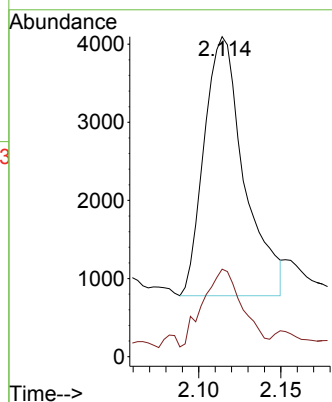
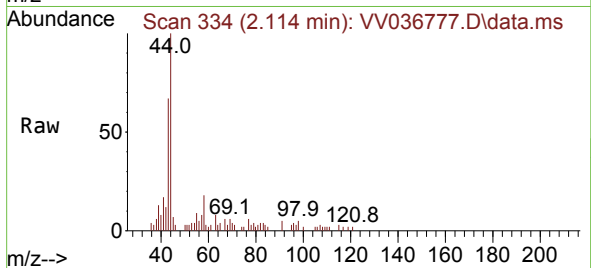
ClientSampleId :

Tgt Ion: 43 Resp: 5625

Ion Ratio Lower Upper

43 100

58 29.5 0.0 63.4



#14

Carbon disulfide

Concen: 2.044 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV036777.D

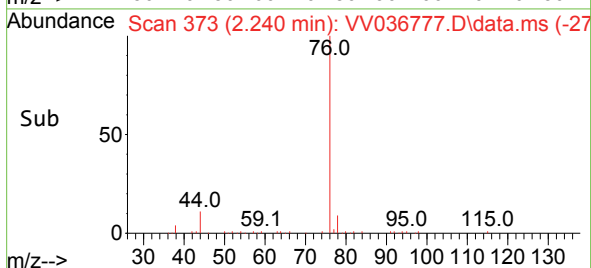
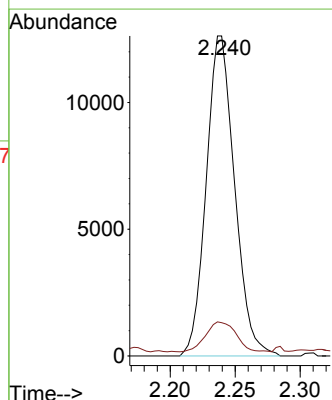
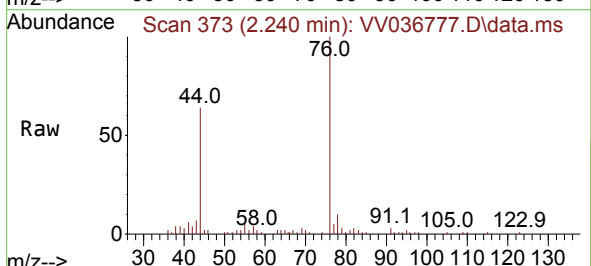
Acq: 05 Aug 2024 11:35

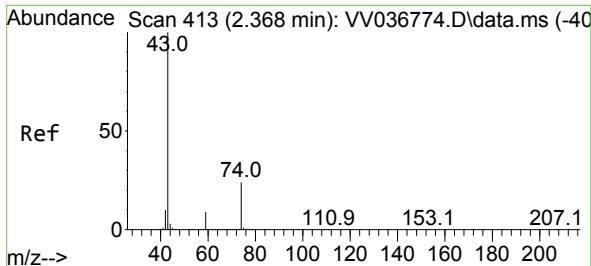
Tgt Ion: 76 Resp: 19202

Ion Ratio Lower Upper

76 100

78 10.4 7.1 10.7

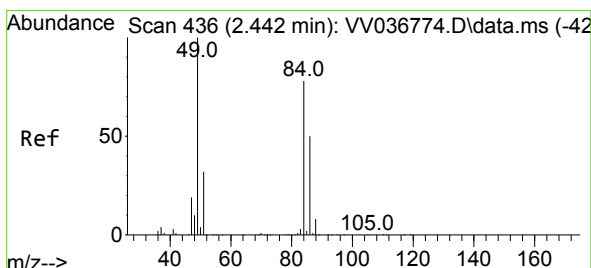
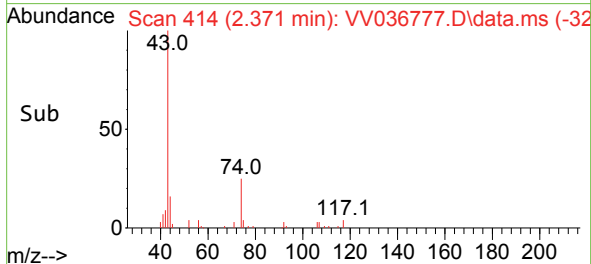
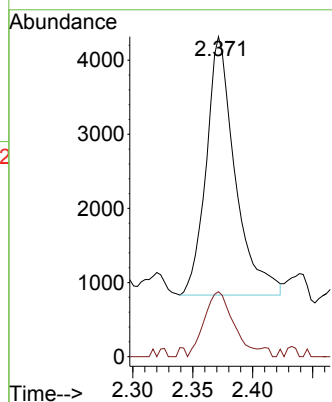
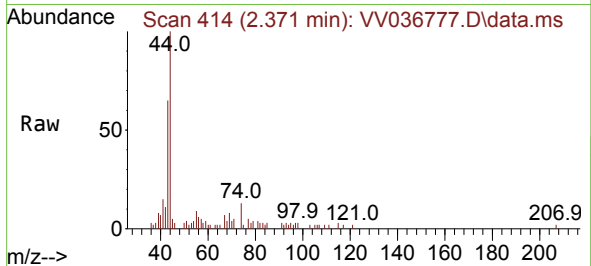




#15
Methyl Acetate
Concen: 1.688 ug/L
RT: 2.371 min Scan# 413
Delta R.T. 0.003 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

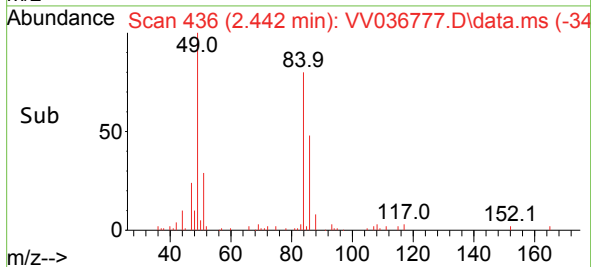
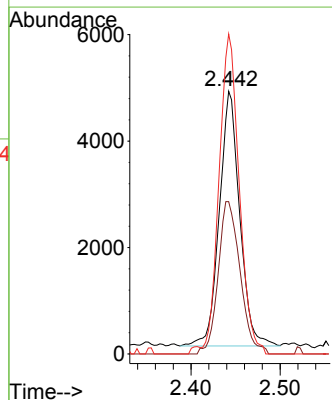
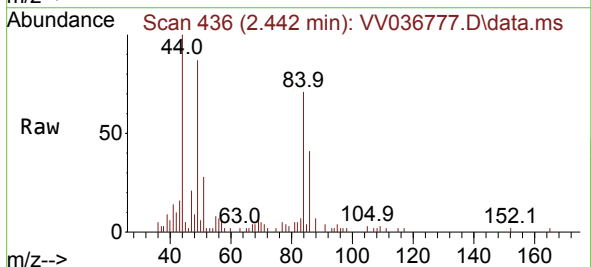
Instrument :
MSVOA_V
ClientSampleId :

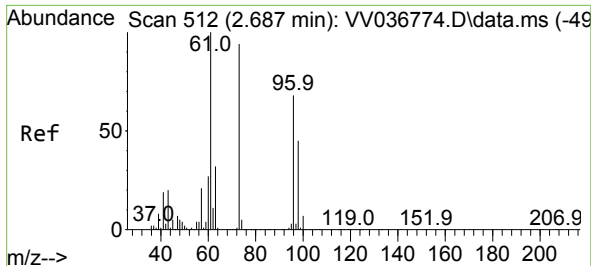
Tgt Ion: 43 Resp: 5830
Ion Ratio Lower Upper
43 100
74 25.5 19.0 28.4



#16
Methylene chloride
Concen: 2.265 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

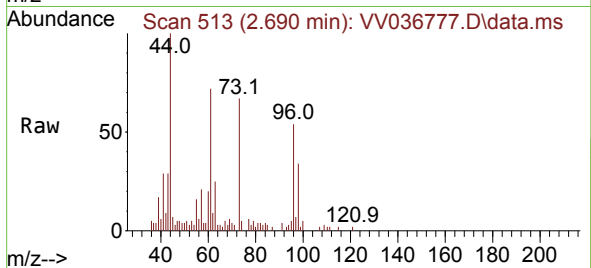
Tgt Ion: 84 Resp: 7616
Ion Ratio Lower Upper
84 100
86 58.0 44.3 82.3
49 121.8 91.1 169.1



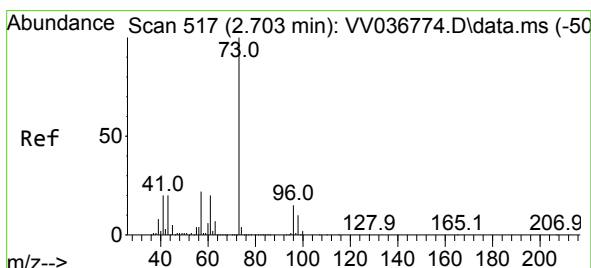
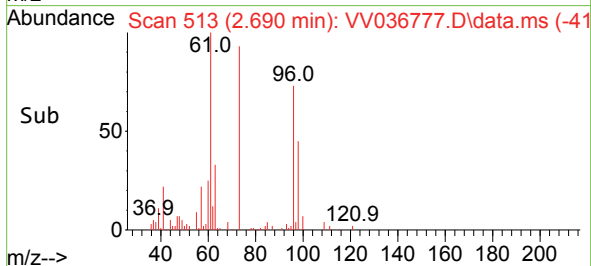
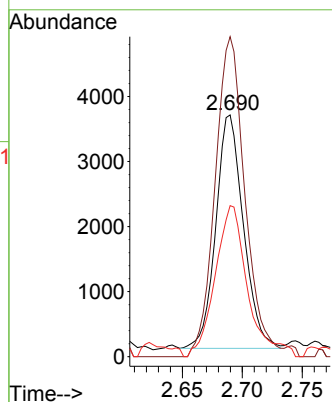


#17
trans-1,2-Dichloroethene
Concen: 1.855 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

Instrument :
MSVOA_V
ClientSampleId :

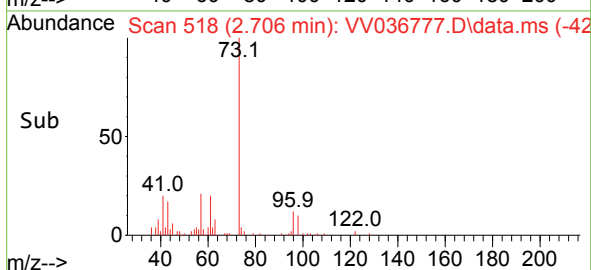
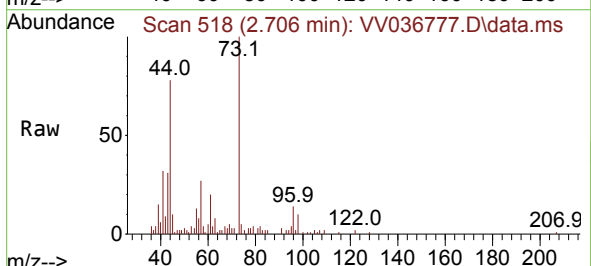
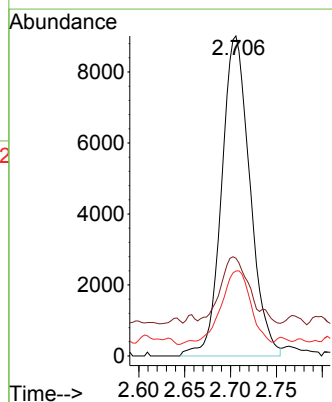


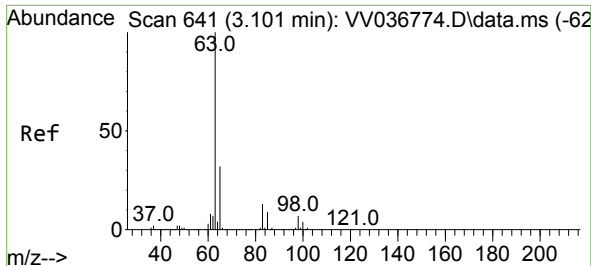
Tgt Ion: 96 Resp: 5745
Ion Ratio Lower Upper
96 100
61 132.4 100.0 185.8
98 62.5 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 1.770 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

Tgt Ion: 73 Resp: 19308
Ion Ratio Lower Upper
73 100
43 18.8 16.1 24.1
57 23.5 17.9 26.9





#19

1,1-Dichloroethane

Concen: 1.946 ug/L

RT: 3.105 min Scan# 641

Delta R.T. 0.003 min

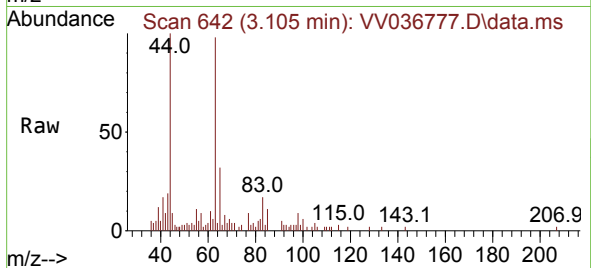
Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :



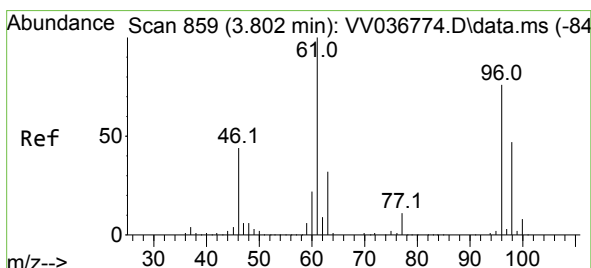
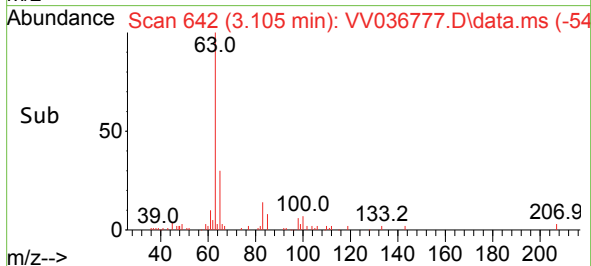
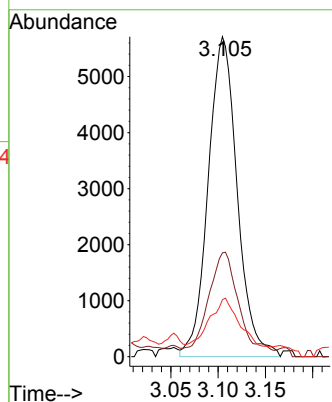
Tgt Ion: 63 Resp: 12180

Ion Ratio Lower Upper

63 100

65 32.5 23.2 43.0

83 17.8 9.2 17.0#



#20

cis-1,2-Dichloroethene

Concen: 2.009 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.010 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

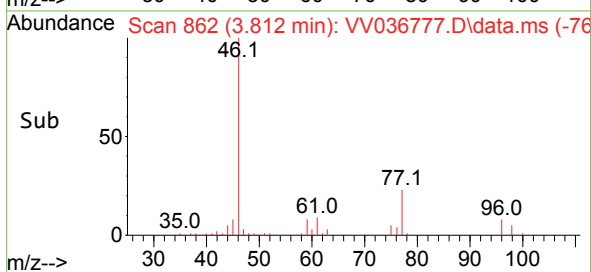
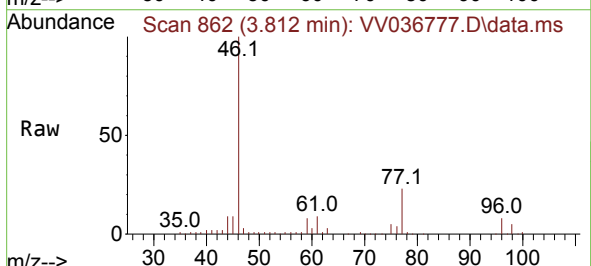
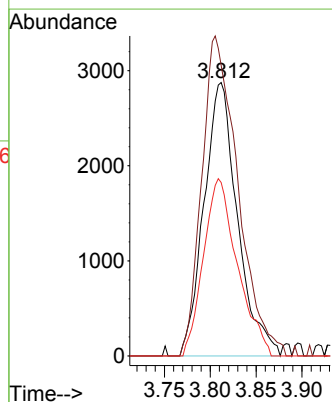
Tgt Ion: 96 Resp: 7303

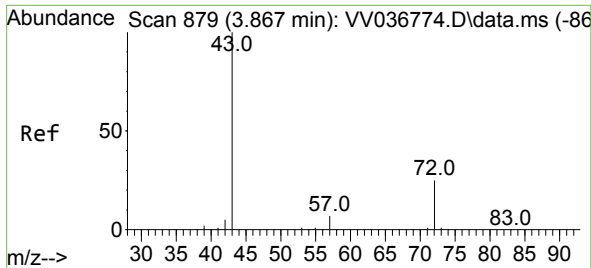
Ion Ratio Lower Upper

96 100

61 106.3 93.9 174.5

98 63.4 46.0 85.4

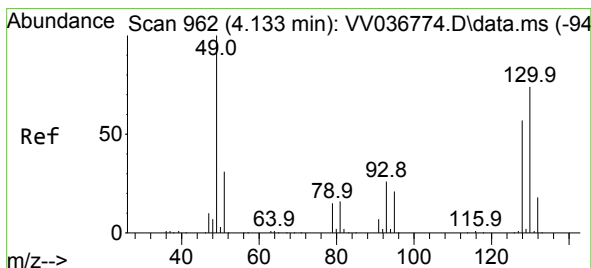
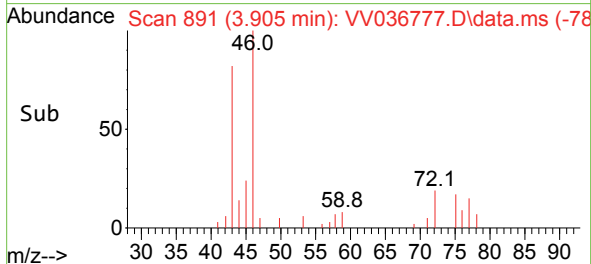
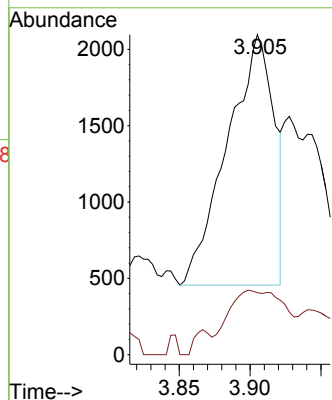
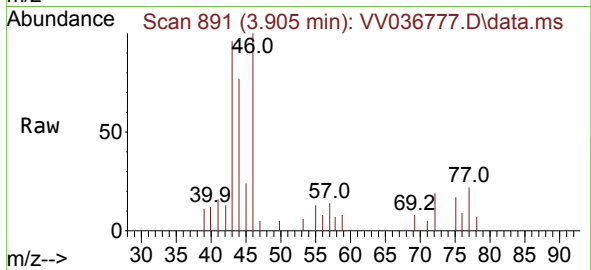




#22
2-Butanone
Concen: 1.675 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.039 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

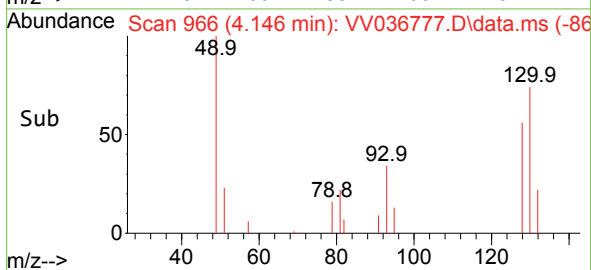
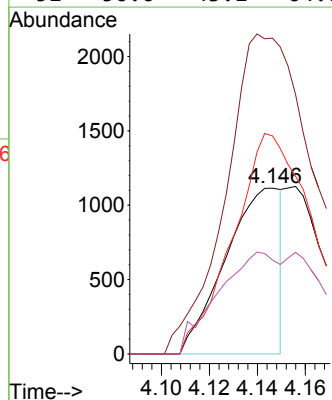
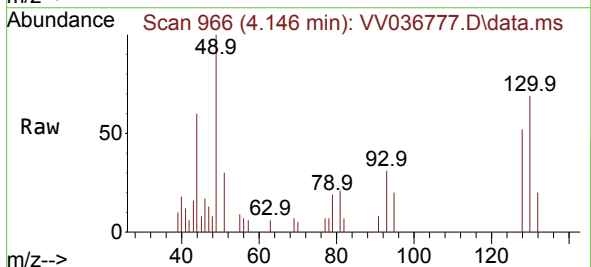
Instrument :
MSVOA_V
ClientSampleId :

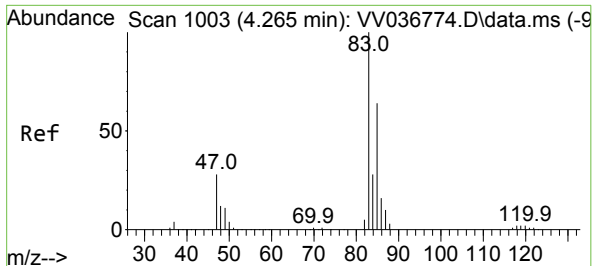
Tgt Ion: 43 Resp: 3762
Ion Ratio Lower Upper
43 100
72 12.2 12.5 37.5#



#23
Bromochloromethane
Concen: 1.014 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.013 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

Tgt Ion: 128 Resp: 1791
Ion Ratio Lower Upper
128 100
49 190.5 120.0 223.0
130 131.6 87.0 161.6
51 56.6 43.1 64.7





#25

Chloroform

Concen: 2.873 ug/L

RT: 4.268 min Scan# 1003

Delta R.T. 0.003 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

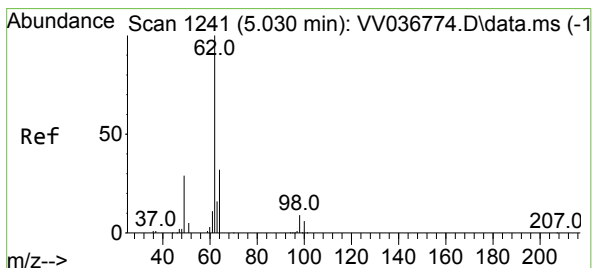
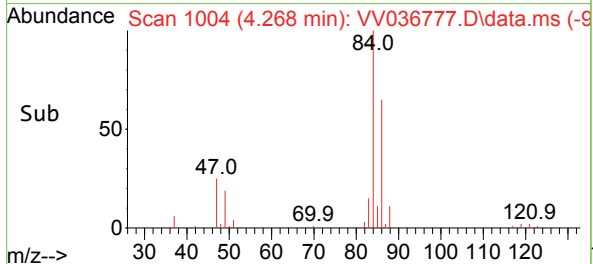
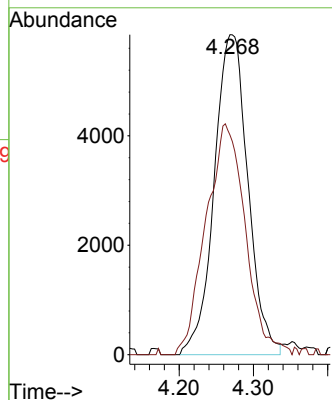
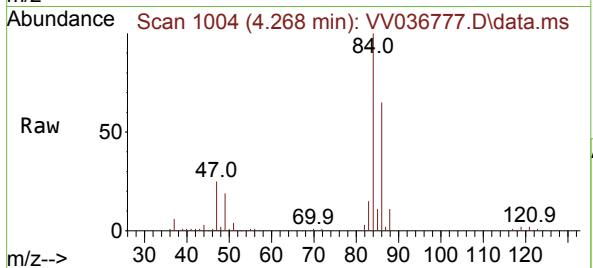
ClientSampleId :

Tgt Ion: 83 Resp: 18465

Ion Ratio Lower Upper

83 100

85 68.7 46.0 85.4



#27

1,2-Dichloroethane

Concen: 0.650 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.013 min

Lab File: VV036777.D

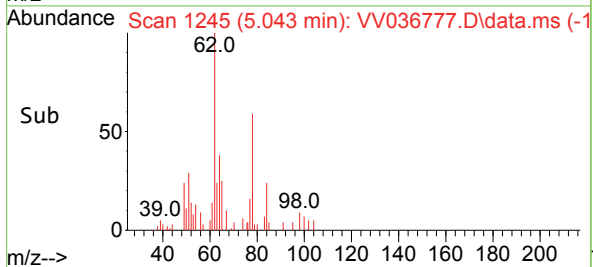
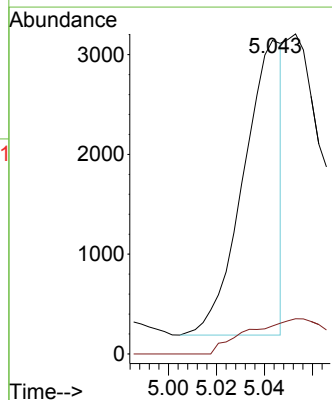
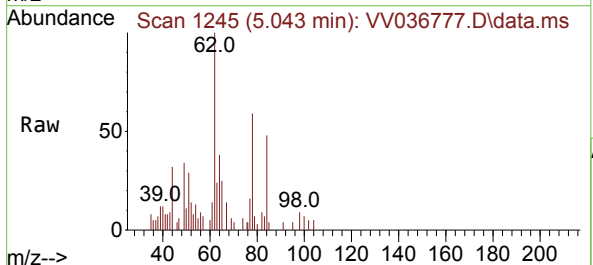
Acq: 05 Aug 2024 11:35

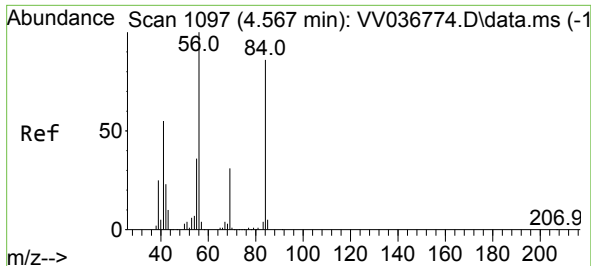
Tgt Ion: 62 Resp: 3296

Ion Ratio Lower Upper

62 100

98 8.9 7.5 11.3





#29

Cyclohexane

Concen: 1.022 ug/L

RT: 4.567 min Scan# 1097

Delta R.T. 0.000 min

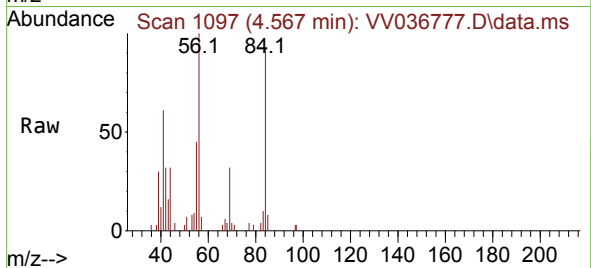
Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :



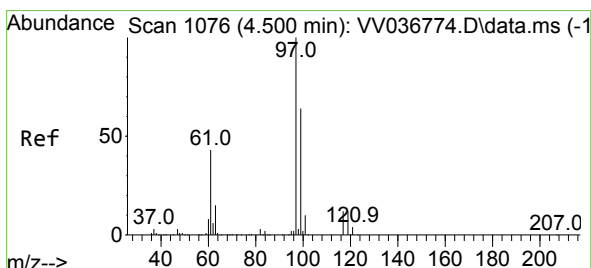
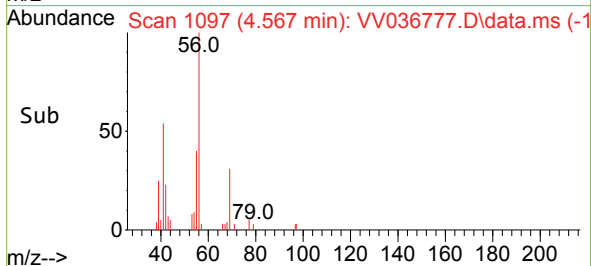
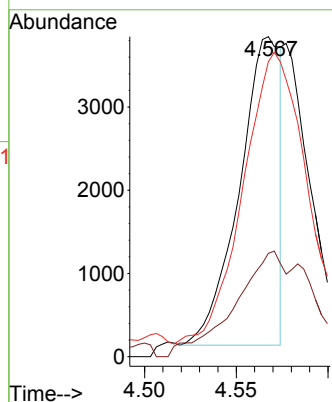
Tgt Ion: 56 Resp: 5760

Ion Ratio Lower Upper

56 100

69 30.6 24.7 37.1

84 151.9 68.5 102.7#



#30

1,1,1-Trichloroethane

Concen: 1.799 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

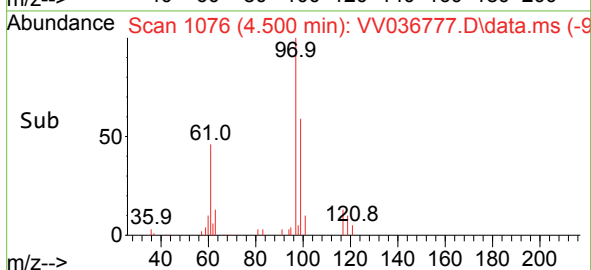
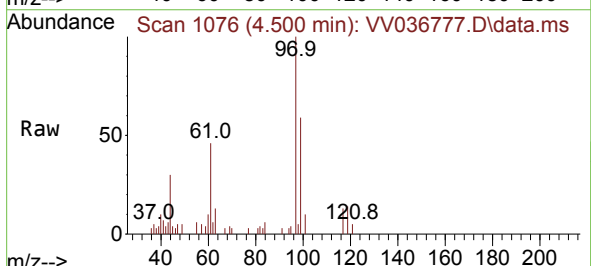
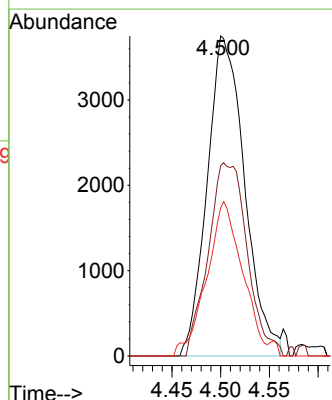
Tgt Ion: 97 Resp: 10025

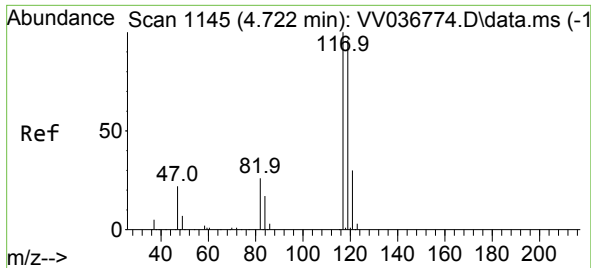
Ion Ratio Lower Upper

97 100

99 36.2 51.5 77.3#

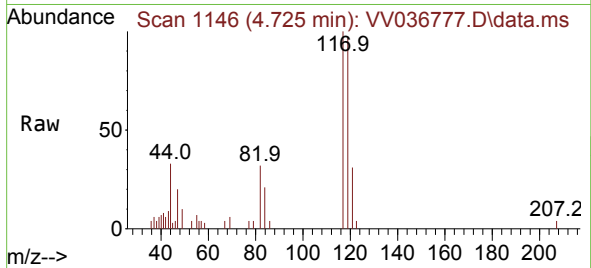
61 45.2 36.0 54.0



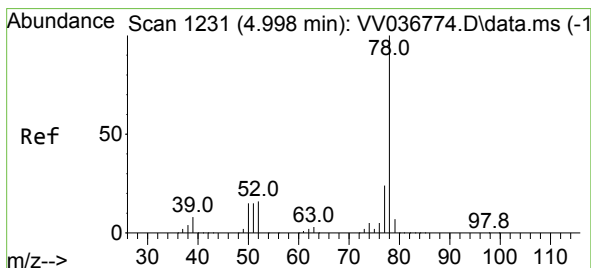
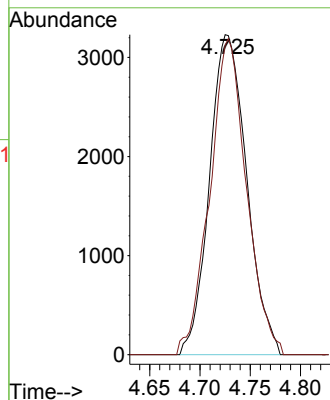
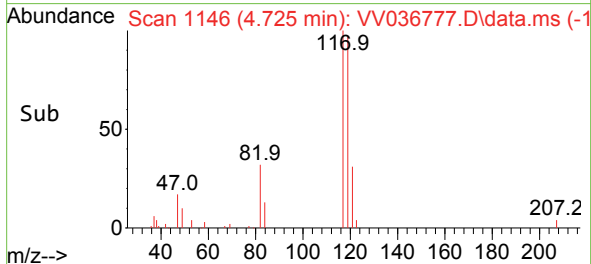


#31
Carbon tetrachloride
Concen: 1.774 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

Instrument :
MSVOA_V
ClientSampleId :

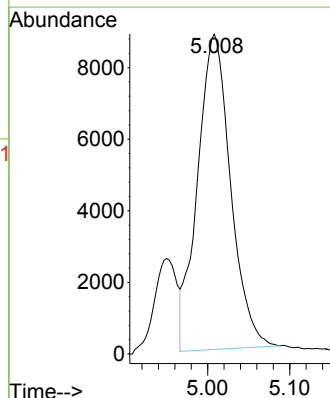
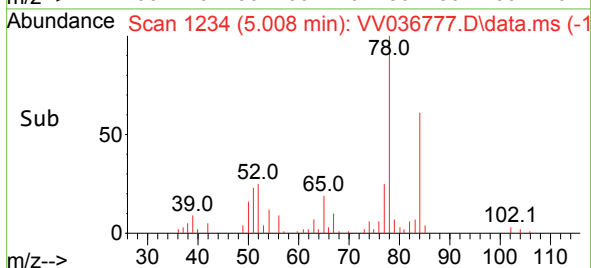
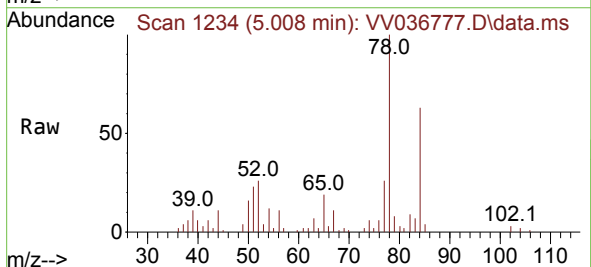


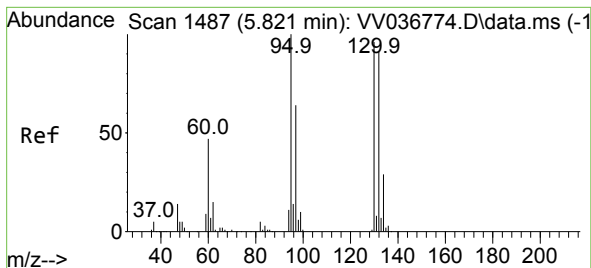
Tgt Ion:117 Resp: 8304
Ion Ratio Lower Upper
117 100
119 97.2 76.1 114.1



#33
Benzene
Concen: 1.862 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.010 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

Tgt Ion: 78 Resp: 24628





#34

Trichloroethene

Concen: 2.071 ug/L

RT: 5.834 min Scan# 1487

Delta R.T. 0.013 min

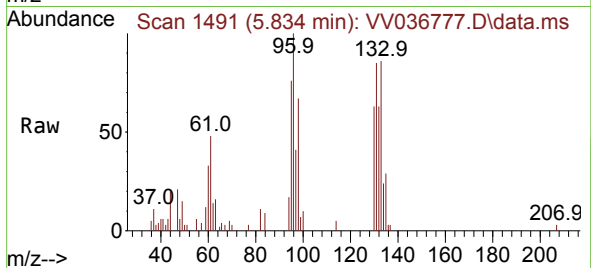
Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 7941

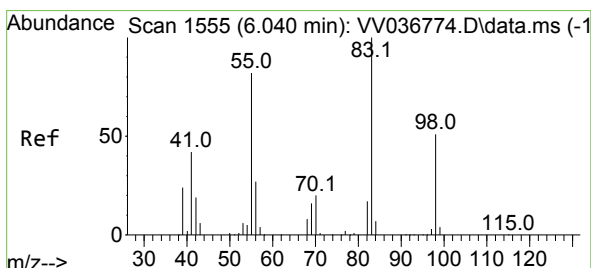
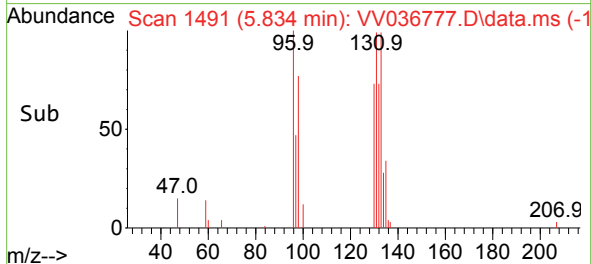
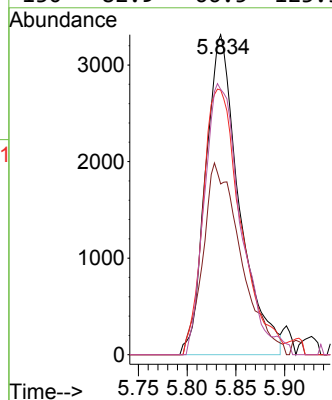
Ion Ratio Lower Upper

95 100

97 53.3 44.7 82.9

132 82.7 62.9 116.9

130 82.9 66.5 123.5



#35

Methylcyclohexane

Concen: 9.308 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

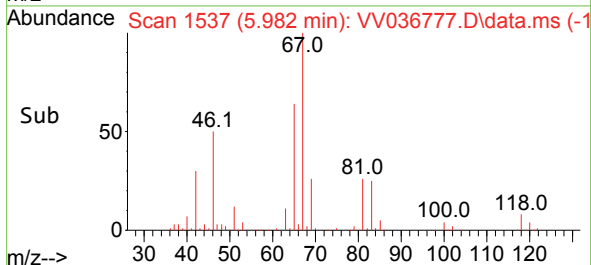
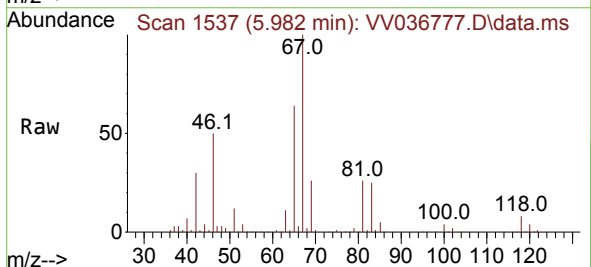
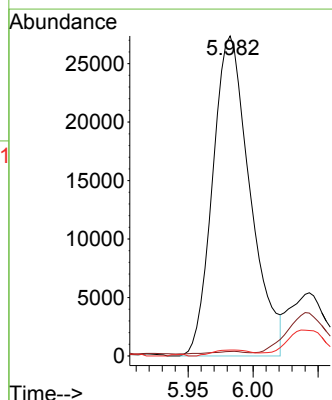
Tgt Ion: 83 Resp: 54760

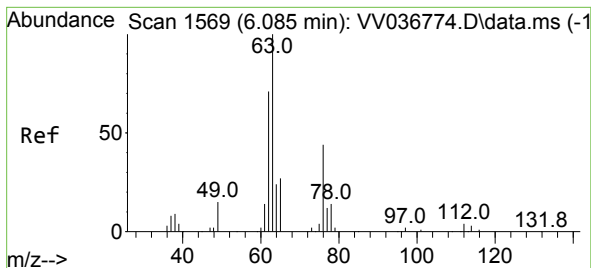
Ion Ratio Lower Upper

83 100

55 0.8 62.3 93.5#

98 1.9 38.7 58.1#





#37

1,2-Dichloropropane

Concen: 1.712 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

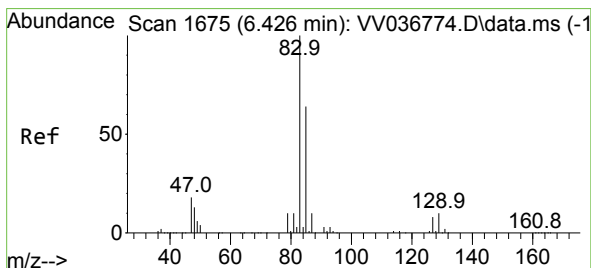
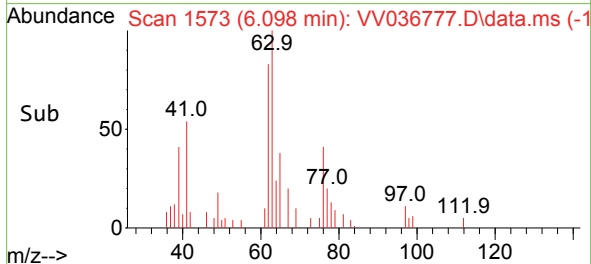
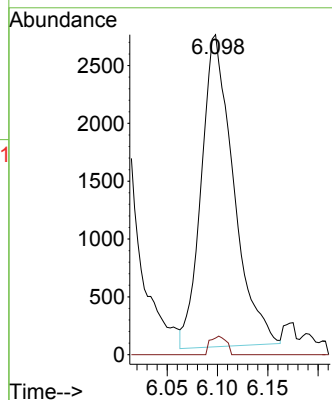
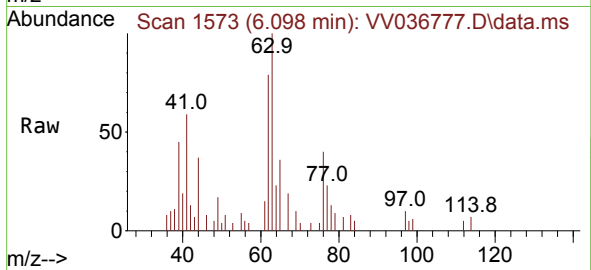
ClientSampleId :

Tgt Ion: 63 Resp: 6000

Ion Ratio Lower Upper

63 100

112 2.2 3.6 5.4#



#38

Bromodichloromethane

Concen: 1.674 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.013 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

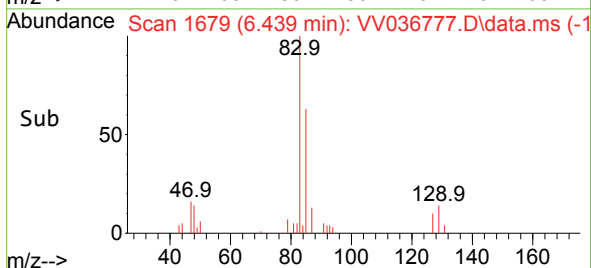
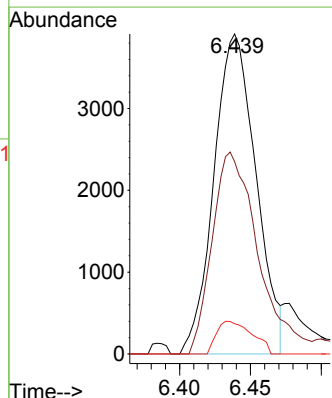
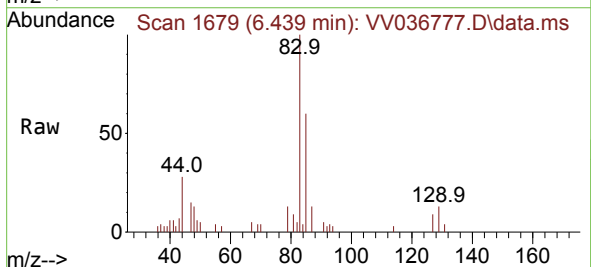
Tgt Ion: 83 Resp: 8077

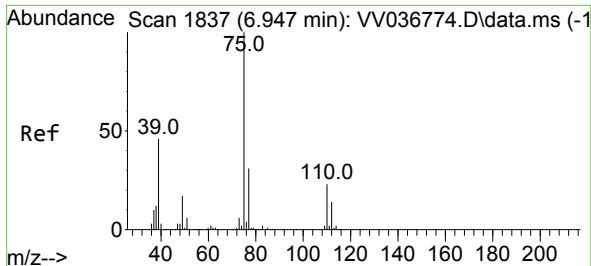
Ion Ratio Lower Upper

83 100

85 60.1 44.7 83.1

127 9.5 6.2 9.4#





#39

cis-1,3-Dichloropropene

Concen: 1.479 ug/L

RT: 6.963 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

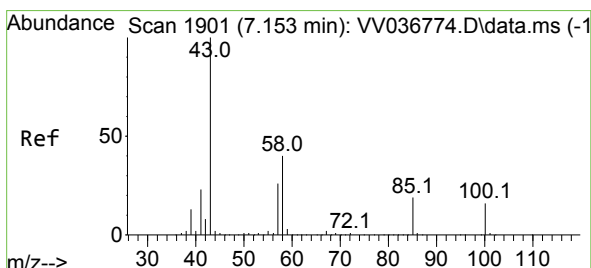
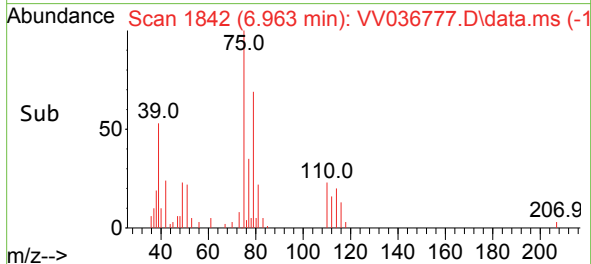
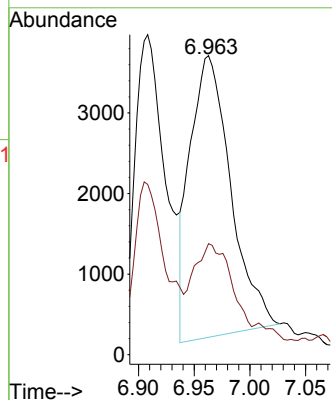
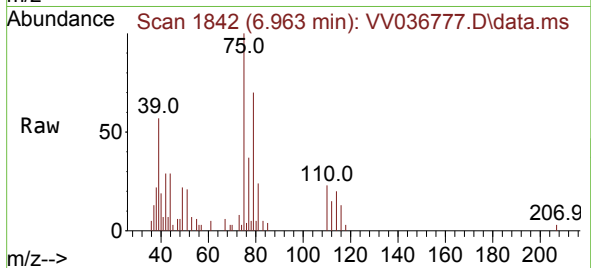
ClientSampleId :

Tgt Ion: 75 Resp: 8878

Ion Ratio Lower Upper

75 100

77 37.1 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 2.302 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.016 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

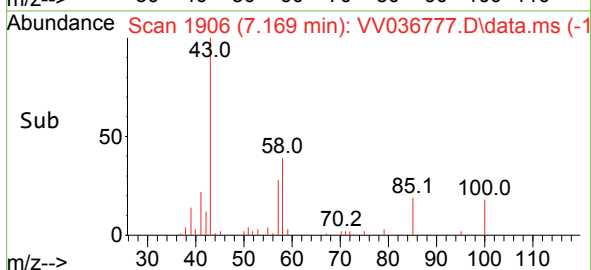
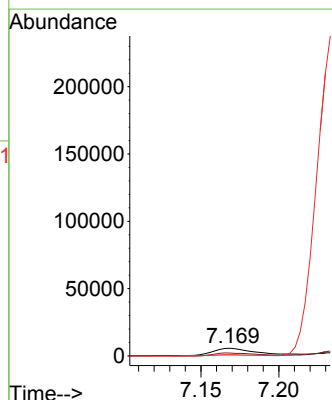
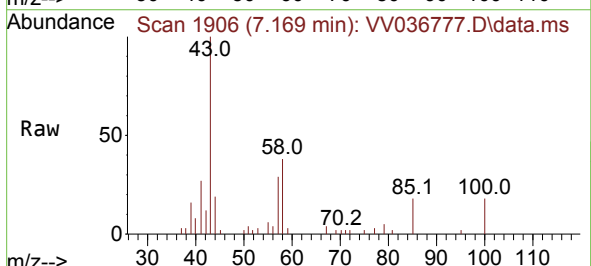
Tgt Ion: 43 Resp: 9993

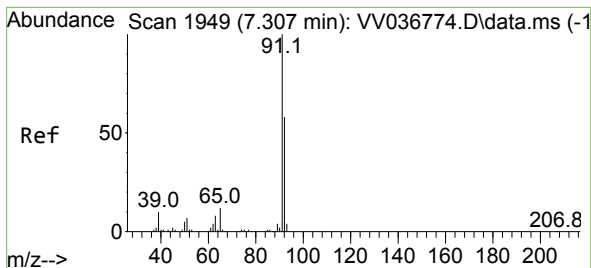
Ion Ratio Lower Upper

43 100

58 41.5 31.3 46.9

100 18.2 12.6 18.8





#42

Toluene

Concen: 1.739 ug/L

RT: 7.320 min Scan# 1949

Delta R.T. 0.013 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

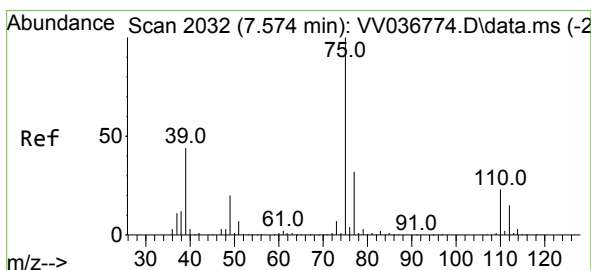
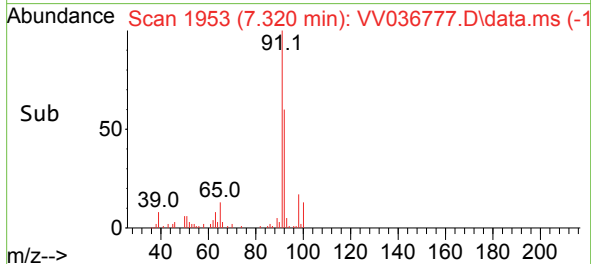
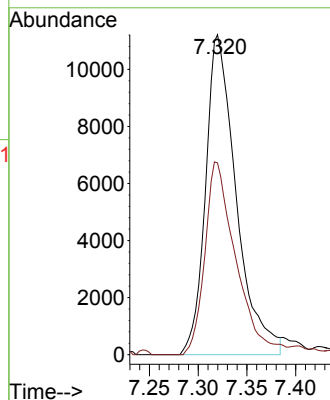
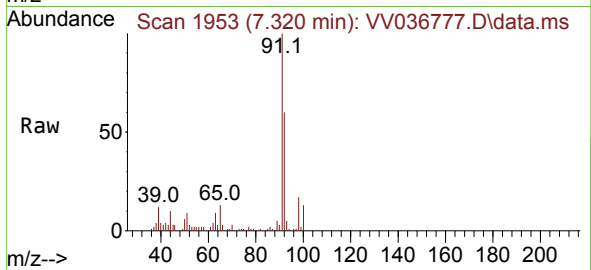
ClientSampleId :

Tgt Ion: 91 Resp: 24498

Ion Ratio Lower Upper

91 100

92 59.9 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 1.416 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.013 min

Lab File: VV036777.D

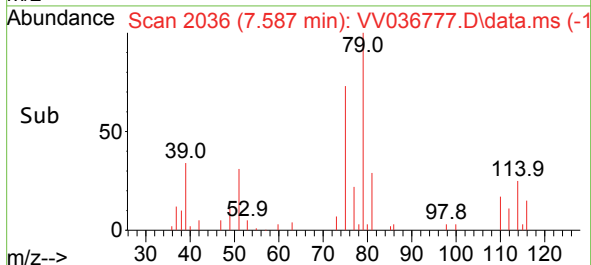
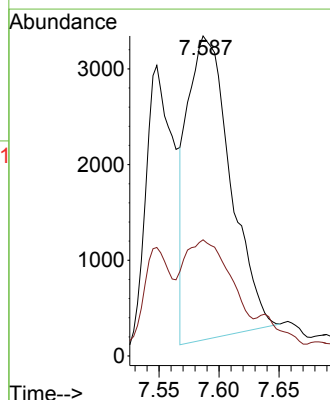
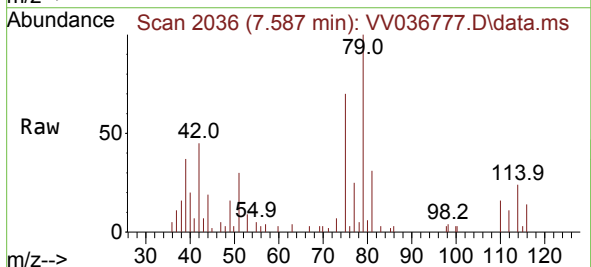
Acq: 05 Aug 2024 11:35

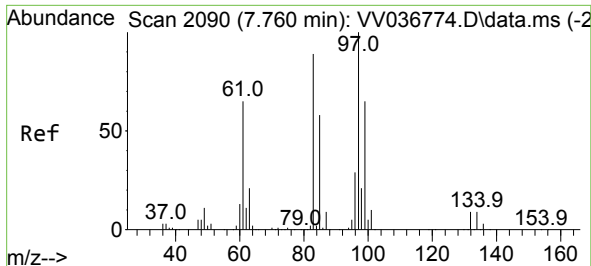
Tgt Ion: 75 Resp: 7919

Ion Ratio Lower Upper

75 100

77 36.3 22.4 41.6

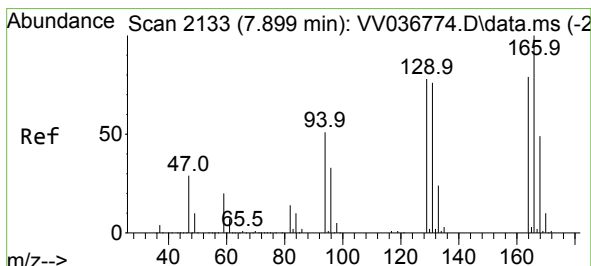
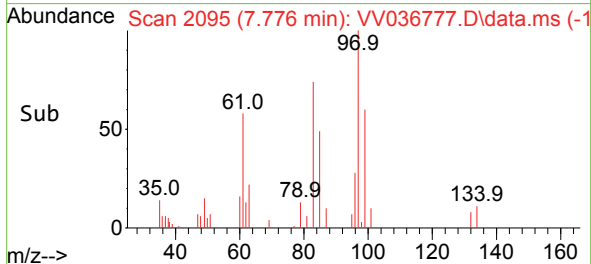
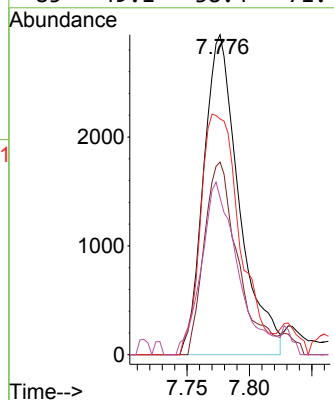
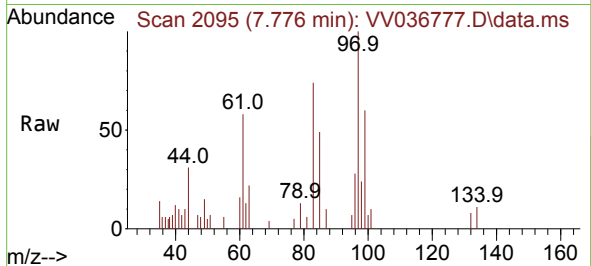




#45
1,1,2-Trichloroethane
Concen: 1.712 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.016 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

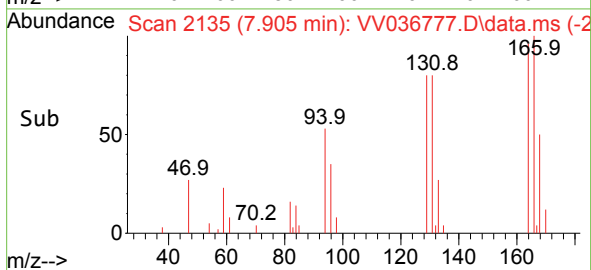
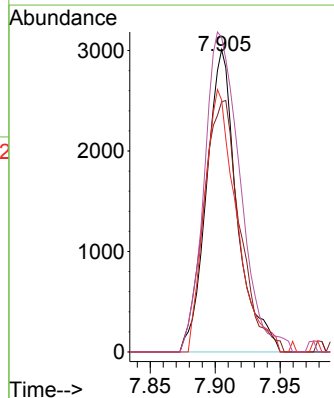
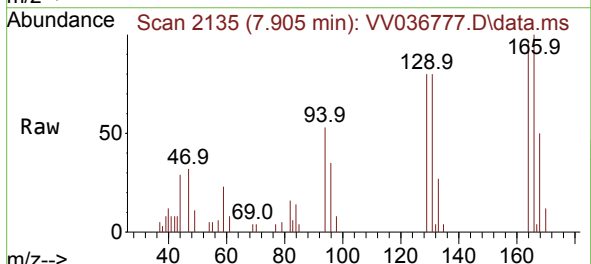
Instrument :
MSVOA_V
ClientSampleId :

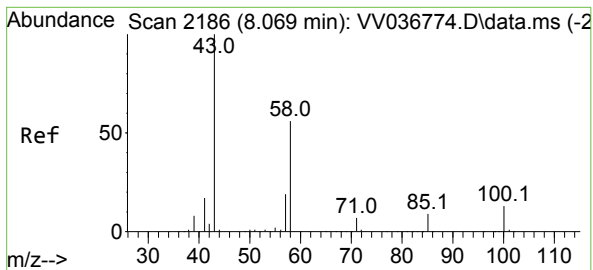
Tgt Ion: 97	Resp: 5810
Ion Ratio	Lower Upper
97 100	
99 60.2	44.0 81.6
83 73.7	60.1 111.5
85 49.1	38.4 71.4



#46
Tetrachloroethene
Concen: 1.954 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.006 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

Tgt Ion:164	Resp: 4915
Ion Ratio	Lower Upper
164 100	
129 82.7	70.4 130.8
131 83.3	67.7 125.7
166 104.0	88.4 164.2





#48

2-Hexanone

Concen: 7.508 ug/L

RT: 8.085 min Scan# 2186

Delta R.T. 0.016 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 23979

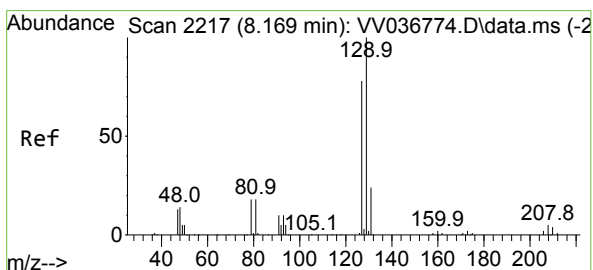
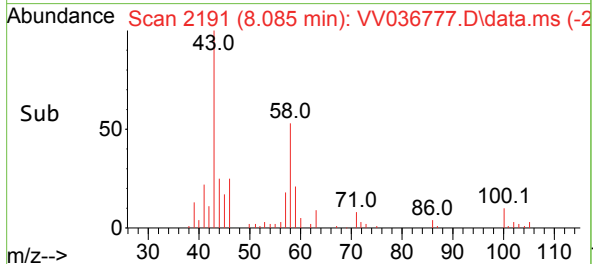
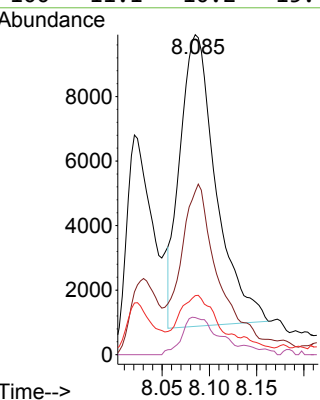
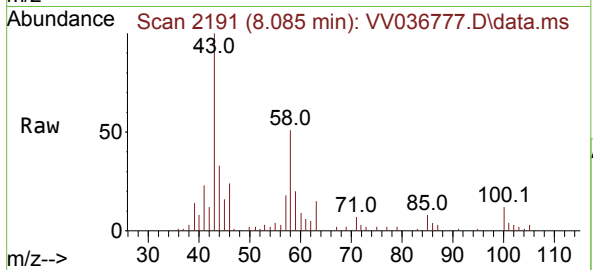
Ion Ratio Lower Upper

43 100

58 55.0 44.7 67.1

57 12.1 15.0 22.4#

100 11.1 10.2 15.4



#49

Dibromochloromethane

Concen: 1.755 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.006 min

Lab File: VV036777.D

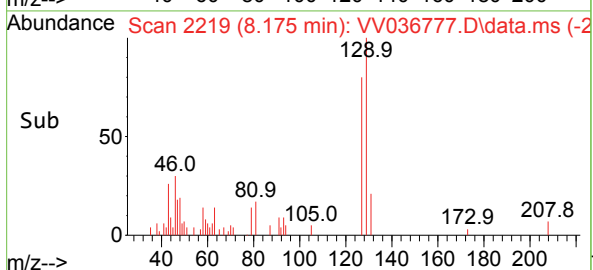
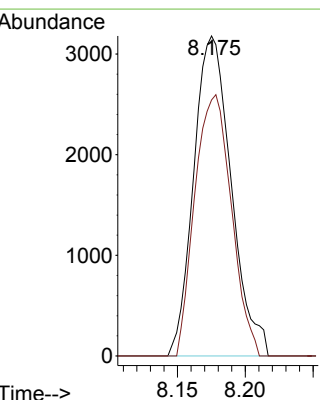
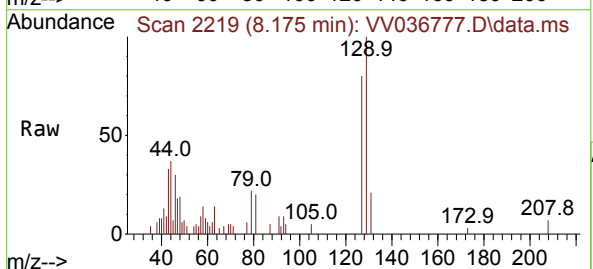
Acq: 05 Aug 2024 11:35

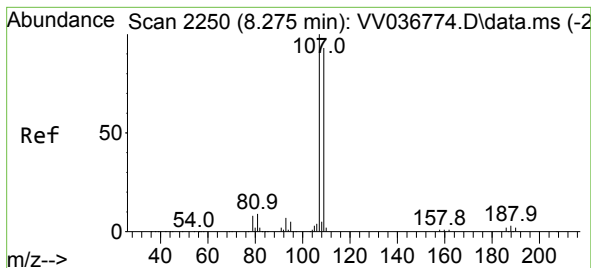
Tgt Ion: 129 Resp: 6121

Ion Ratio Lower Upper

129 100

127 80.0 55.4 102.8





#50

1,2-Dibromoethane

Concen: 1.755 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV036777.D

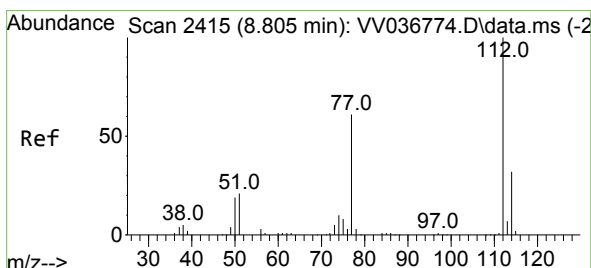
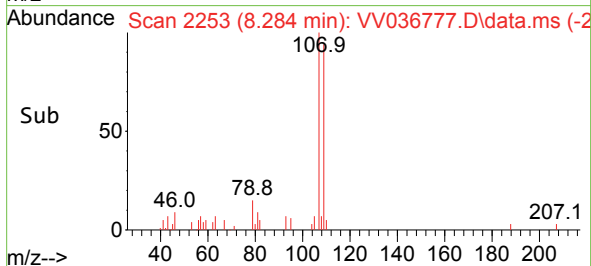
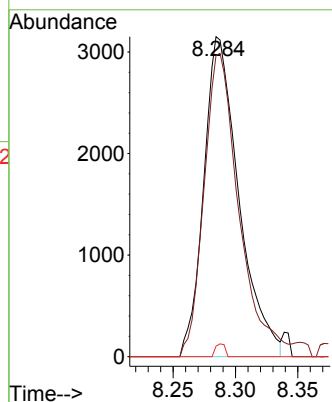
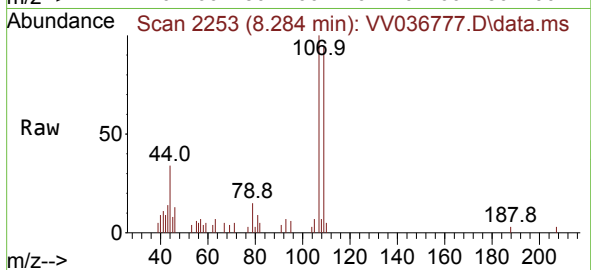
Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	6179
Ion	Ratio	Lower Upper
107	100	
109	94.1	64.7 120.1
188	3.3	2.6 3.8



#51

Chlorobenzene

Concen: 1.822 ug/L

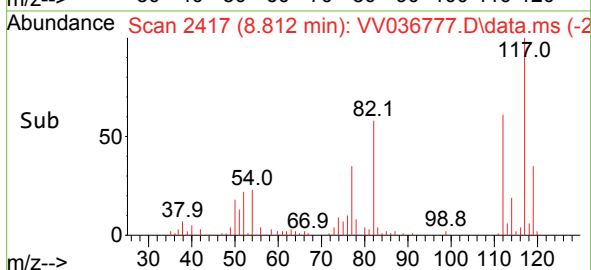
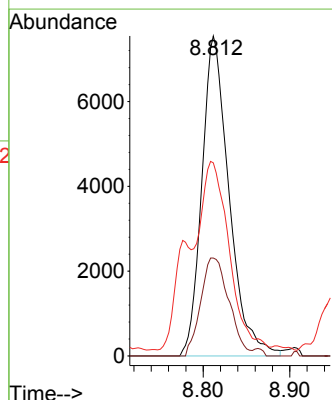
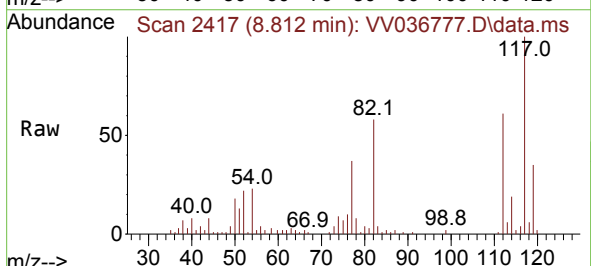
RT: 8.812 min Scan# 2417

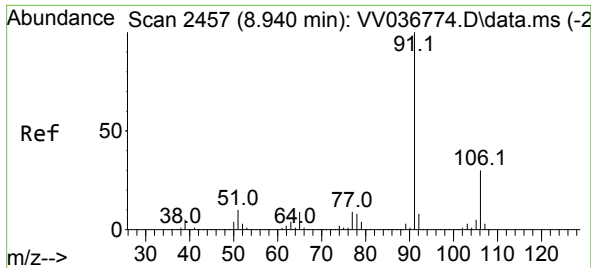
Delta R.T. 0.006 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Tgt Ion:112	Resp:	16469
Ion	Ratio	Lower Upper
112	100	
114	30.6	22.3 41.5
77	60.3	48.9 73.3

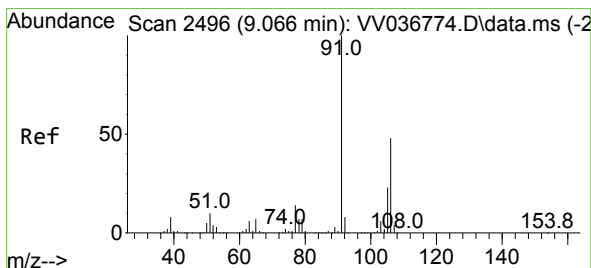
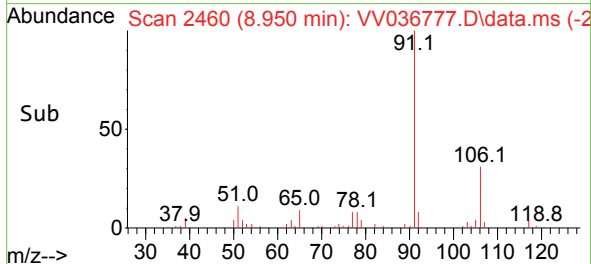
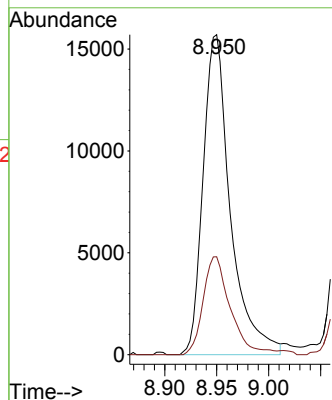
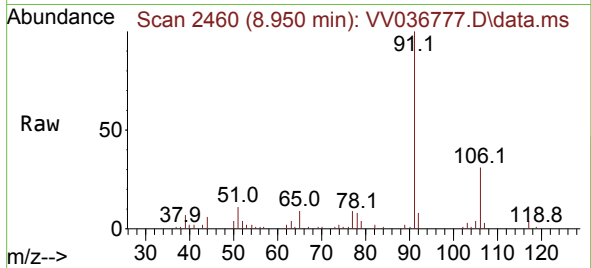




#52
Ethylbenzene
Concen: 1.784 ug/L
RT: 8.950 min Scan# 2457
Delta R.T. 0.010 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

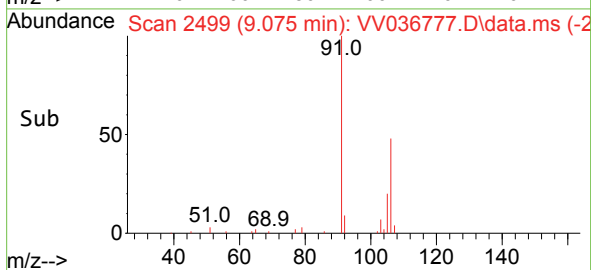
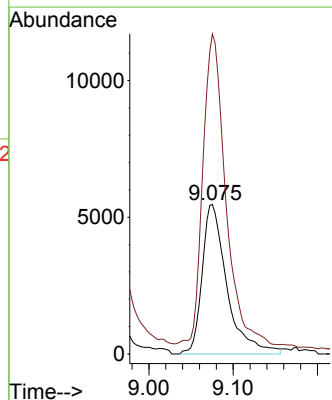
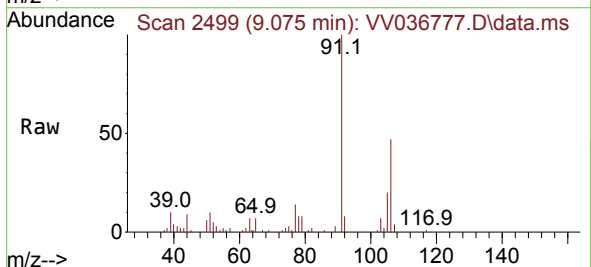
Instrument :
MSVOA_V
ClientSampleId :

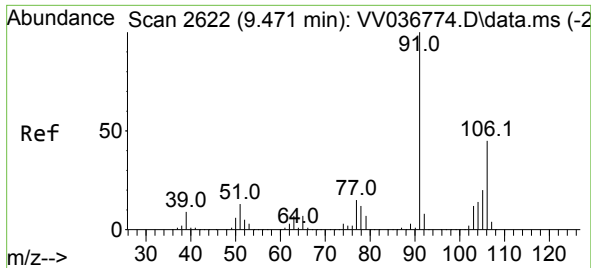
Tgt Ion: 91 Resp: 28697
Ion Ratio Lower Upper
91 100
106 30.6 21.1 39.1



#53
m,p-Xylene
Concen: 1.868 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.010 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

Tgt Ion: 106 Resp: 11235
Ion Ratio Lower Upper
106 100
91 214.0 147.1 273.3

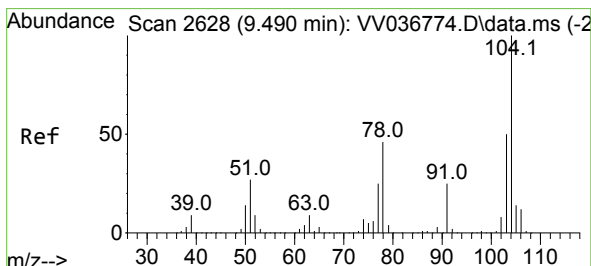
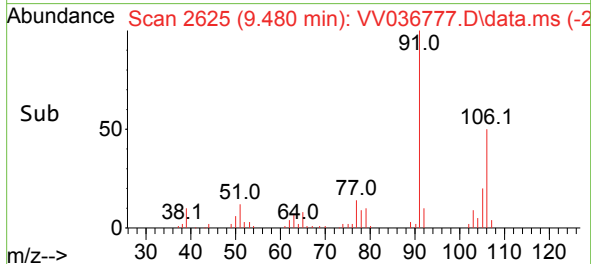
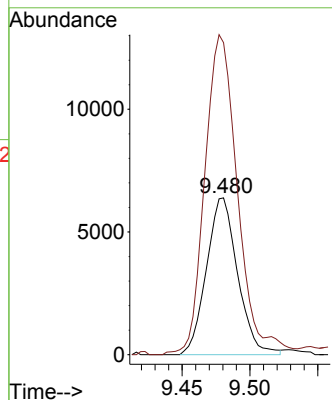
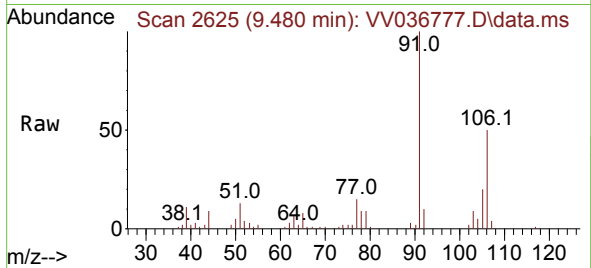




#54
o-Xylene
Concen: 1.738 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.010 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

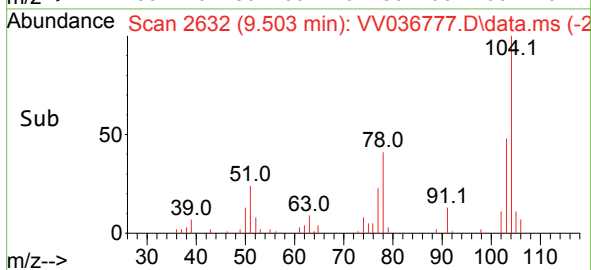
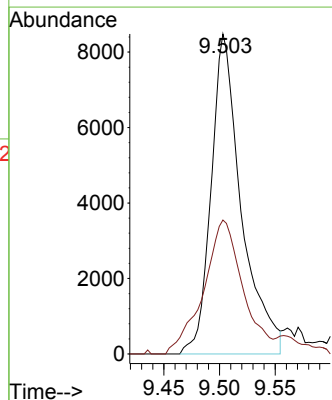
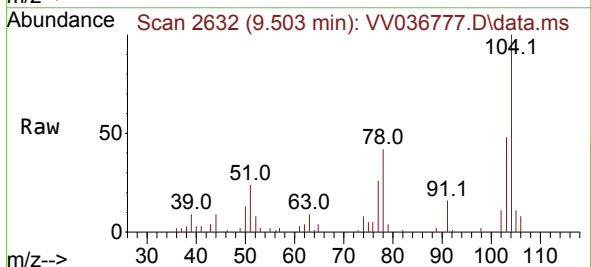
Instrument :
MSVOA_V
ClientSampleId :

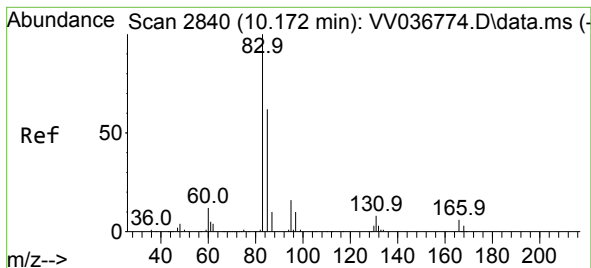
Tgt Ion:106 Resp: 10226
Ion Ratio Lower Upper
106 100
91 198.9 154.5 286.9



#55
Styrene
Concen: 1.586 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.013 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

Tgt Ion:104 Resp: 15992
Ion Ratio Lower Upper
104 100
78 41.8 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 1.835 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. -0.000 min

Lab File: VV036777.D

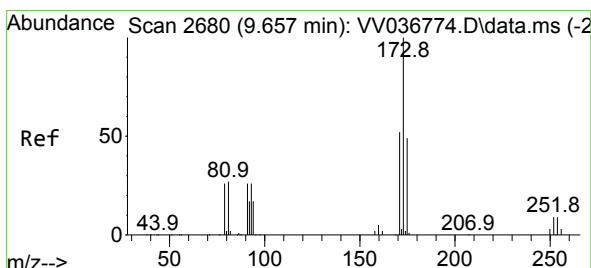
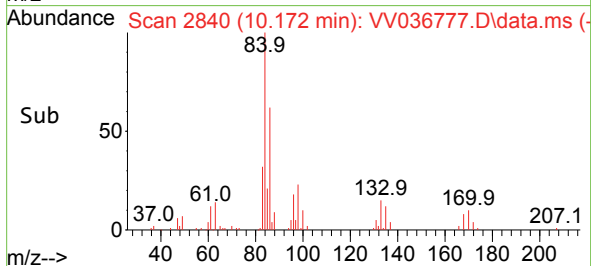
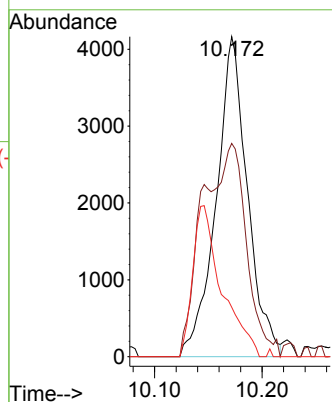
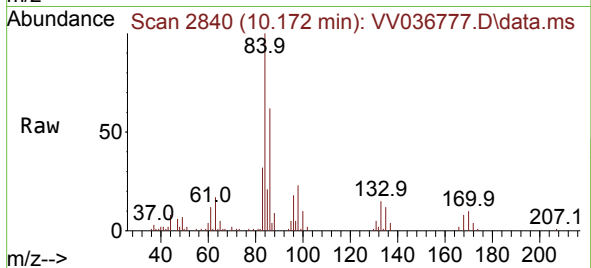
Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	8405
Ion	Ratio	Lower	Upper
83	100		
85	66.6	44.7	83.1
131	15.4	7.2	10.8#



#59

Bromoform

Concen: 1.630 ug/L

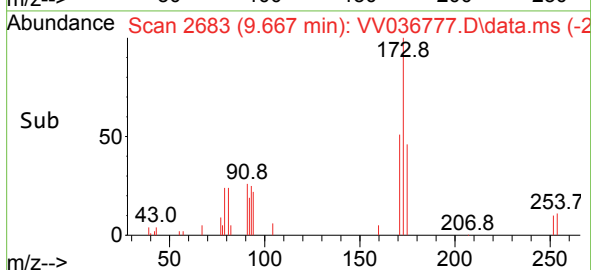
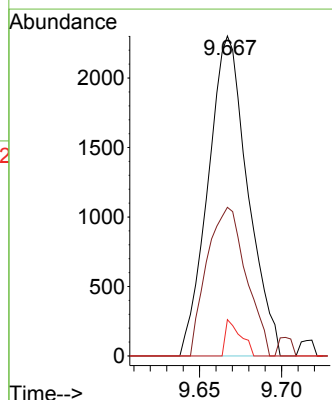
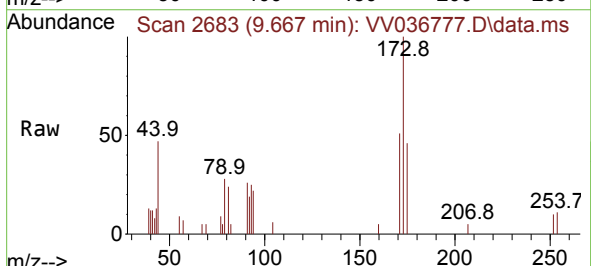
RT: 9.667 min Scan# 2683

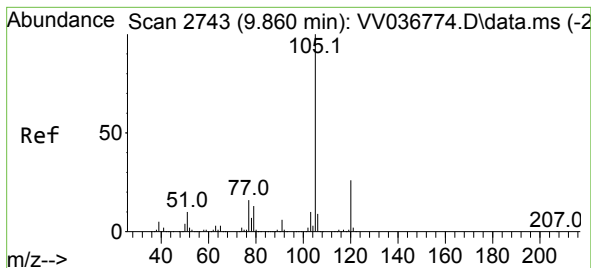
Delta R.T. 0.010 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Tgt Ion:	173	Resp:	3864
Ion	Ratio	Lower	Upper
173	100		
175	45.9	39.8	59.8
254	4.4	6.8	10.2#





#60

Isopropylbenzene

Concen: 1.749 ug/L

RT: 9.866 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV036777.D

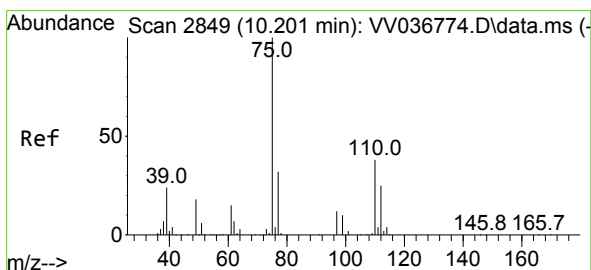
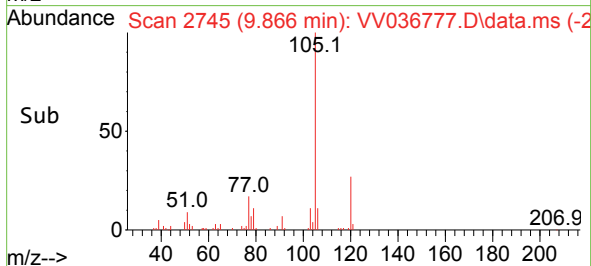
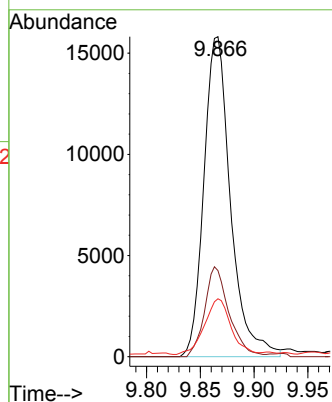
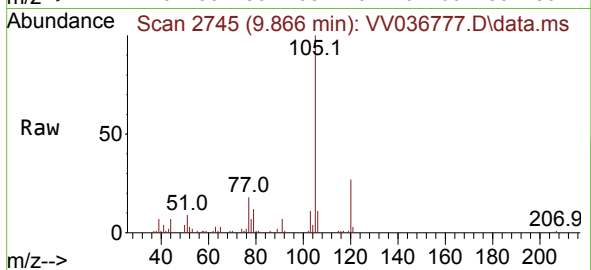
Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	105	Resp:	27281
Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.3	30.5
77	17.2	13.1	19.7



#61

1,2,3-Trichloropropane

Concen: 1.791 ug/L

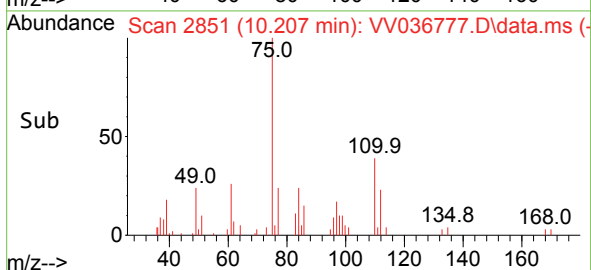
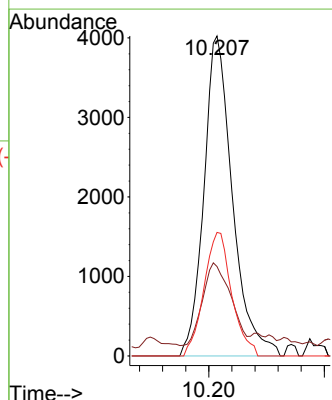
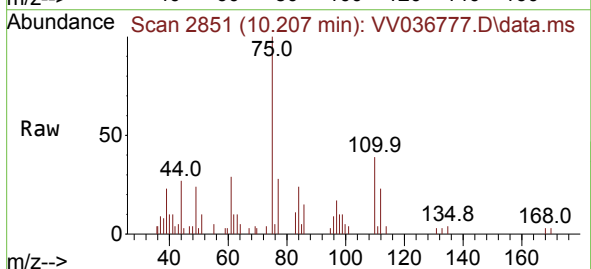
RT: 10.207 min Scan# 2851

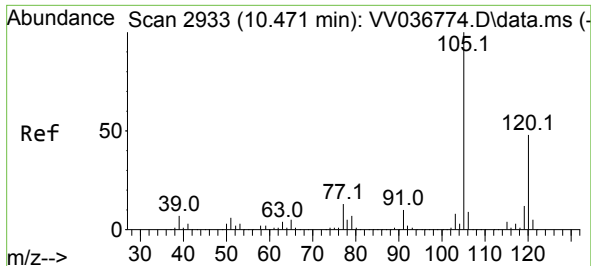
Delta R.T. 0.006 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Tgt Ion:	75	Resp:	6909
Ion	Ratio	Lower	Upper
75	100		
77	25.2	26.2	39.2#
110	37.5	31.3	46.9

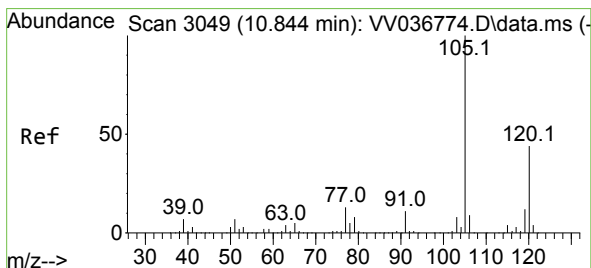
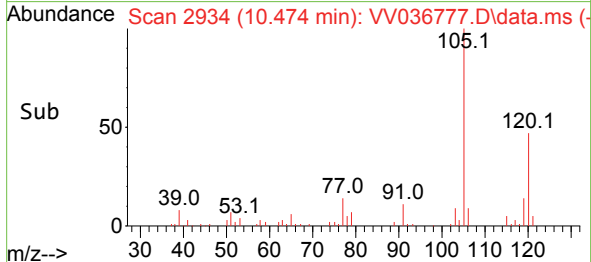
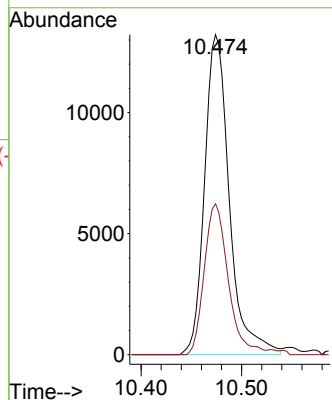
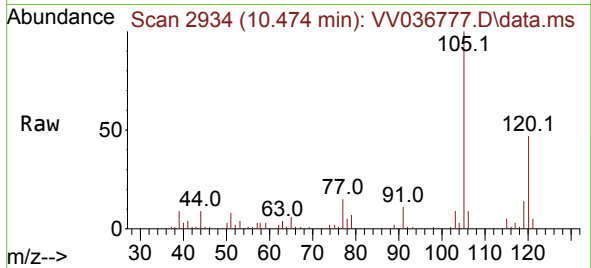




#62
1,3,5-Trimethylbenzene
Concen: 1.742 ug/L
RT: 10.474 min Scan# 2933
Delta R.T. 0.003 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

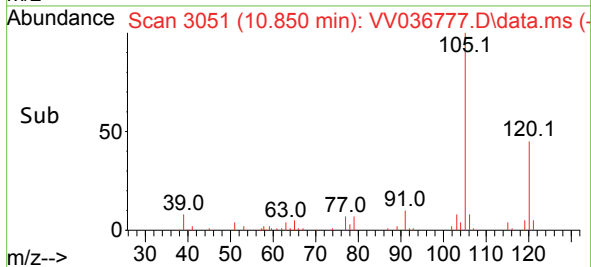
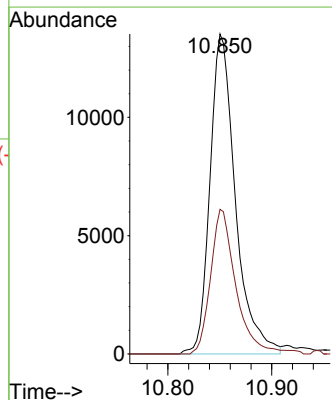
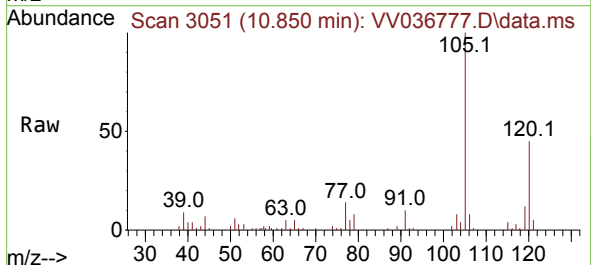
Instrument :
MSVOA_V
ClientSampleId :

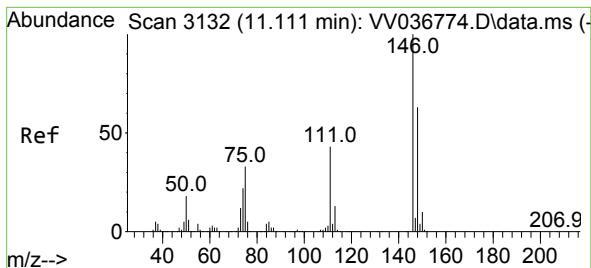
Tgt Ion:105 Resp: 22622
Ion Ratio Lower Upper
105 100
120 44.6 37.7 56.5



#63
1,2,4-Trimethylbenzene
Concen: 1.766 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.006 min
Lab File: VV036777.D
Acq: 05 Aug 2024 11:35

Tgt Ion:105 Resp: 22965
Ion Ratio Lower Upper
105 100
120 44.5 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 1.938 ug/L

RT: 11.120 min Scan# 3132

Delta R.T. 0.010 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

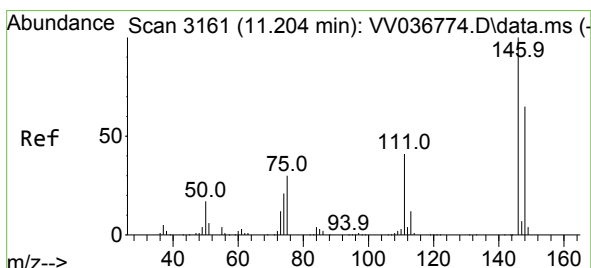
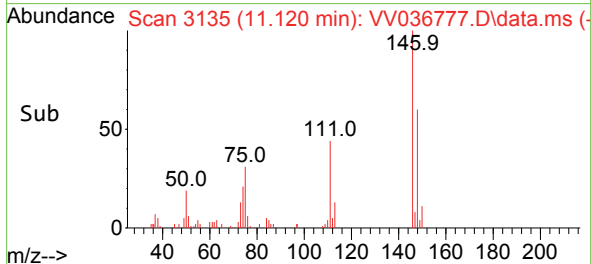
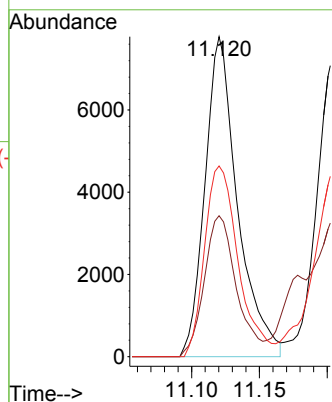
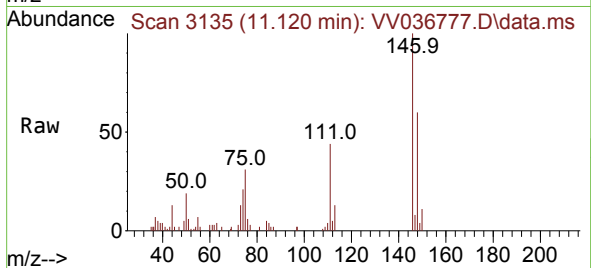
Tgt Ion:146 Resp: 13003

Ion Ratio Lower Upper

146 100

111 44.1 29.8 55.4

148 59.6 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 2.181 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

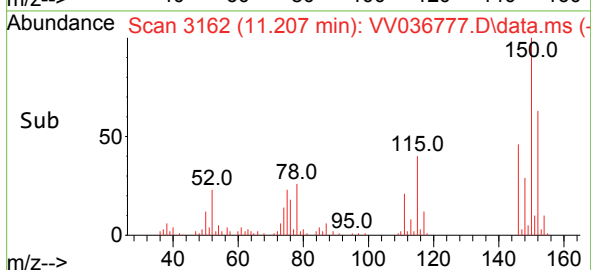
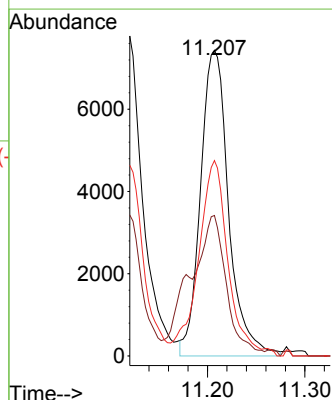
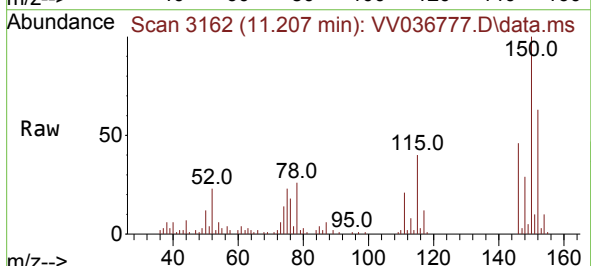
Tgt Ion:146 Resp: 14879

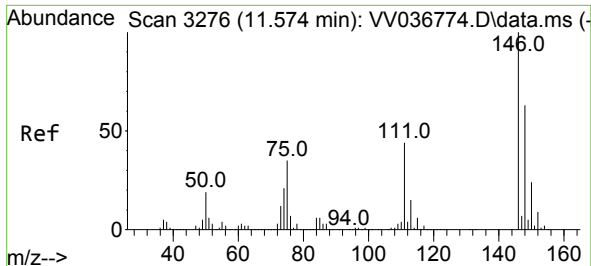
Ion Ratio Lower Upper

146 100

111 46.0 29.0 53.9

148 63.9 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 2.030 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.000 min

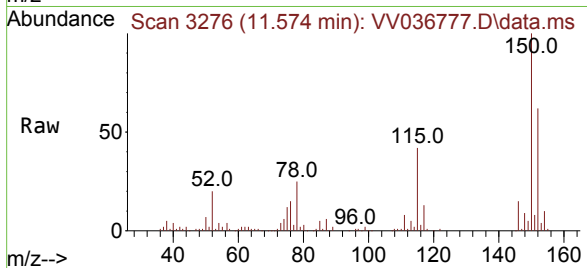
Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :



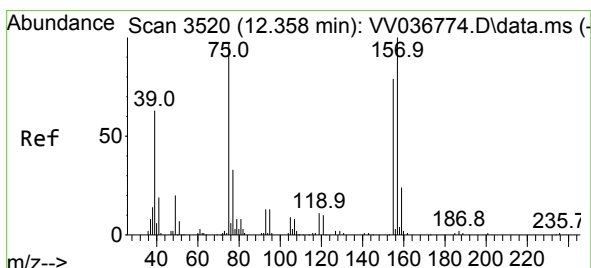
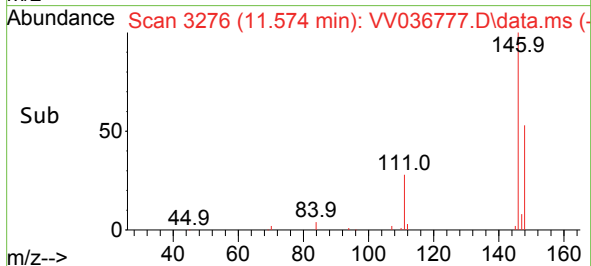
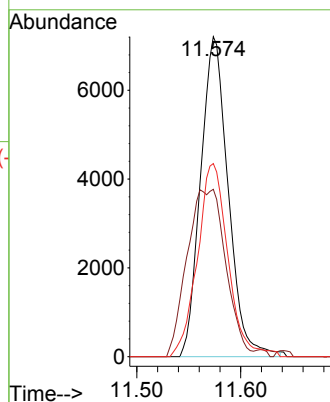
Tgt Ion:146 Resp: 13302

Ion Ratio Lower Upper

146 100

111 52.3 35.7 53.5

148 60.4 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 1.530 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.013 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

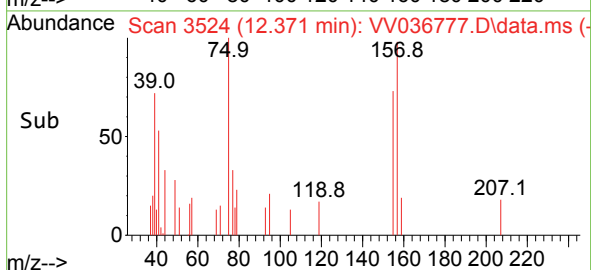
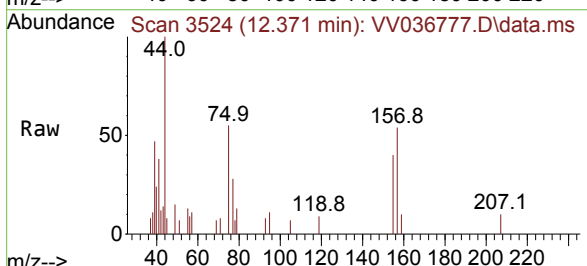
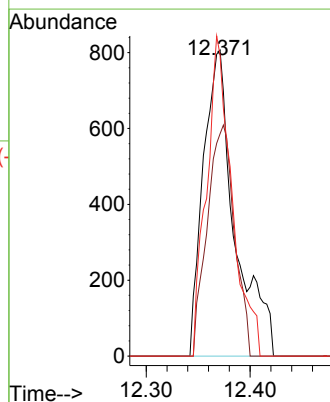
Tgt Ion: 75 Resp: 1705

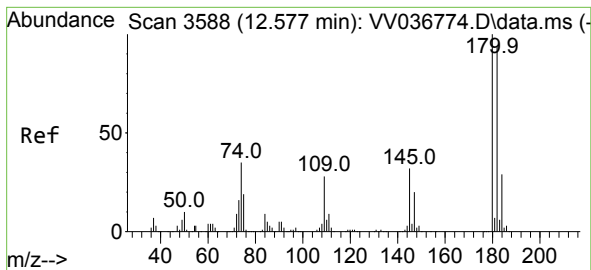
Ion Ratio Lower Upper

75 100

155 72.6 59.5 89.3

157 98.4 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 1.801 ug/L

RT: 12.583 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 8573

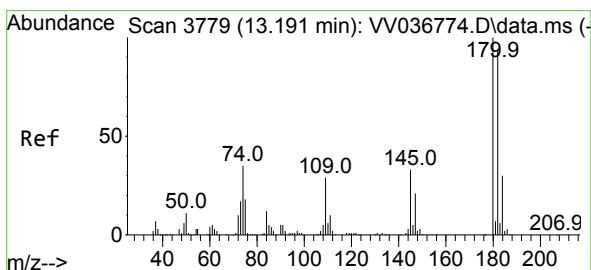
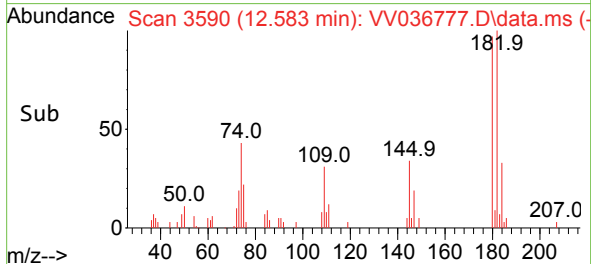
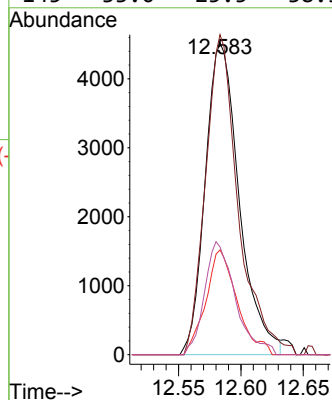
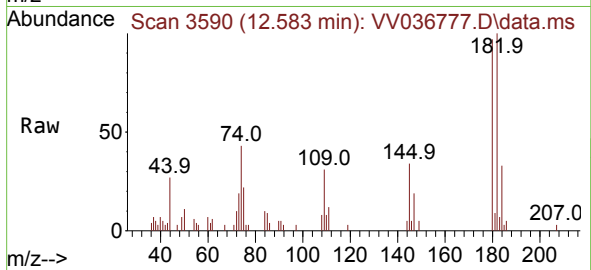
Ion Ratio Lower Upper

180 100

182 98.4 75.0 112.6

184 29.9 23.7 35.5

145 33.0 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 1.889 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.010 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

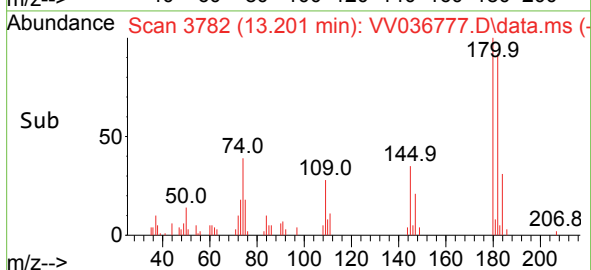
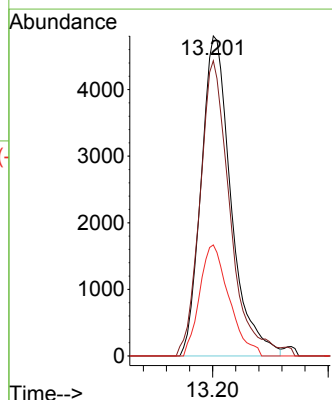
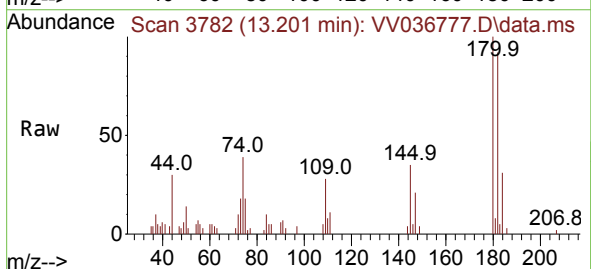
Tgt Ion:180 Resp: 8626

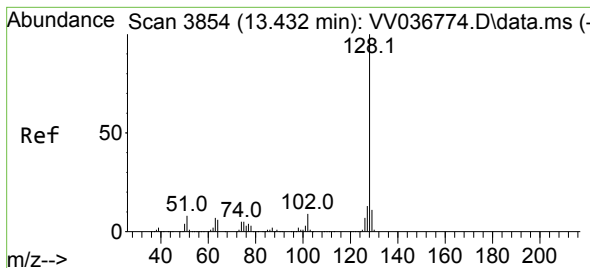
Ion Ratio Lower Upper

180 100

182 92.1 75.1 112.7

145 34.2 26.5 39.7





#71

Naphthalene

Concen: 1.862 ug/L

RT: 13.442 min Scan# 3911

Delta R.T. 0.010 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Instrument :

MSVOA_V

ClientSampleId :

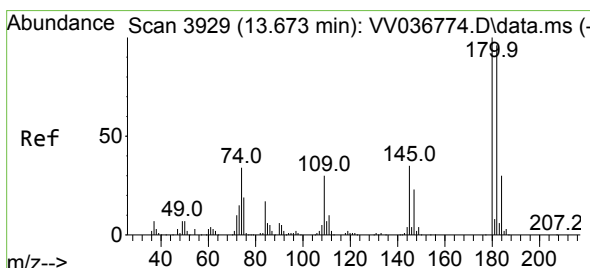
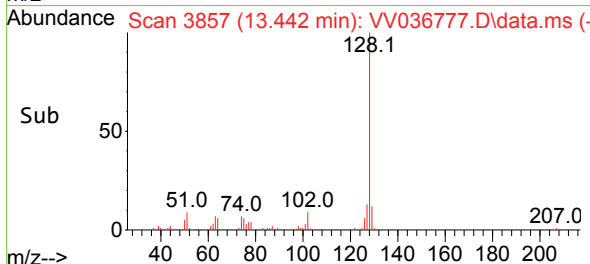
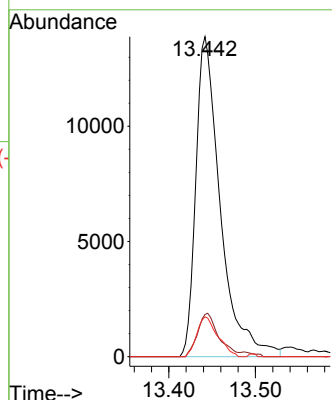
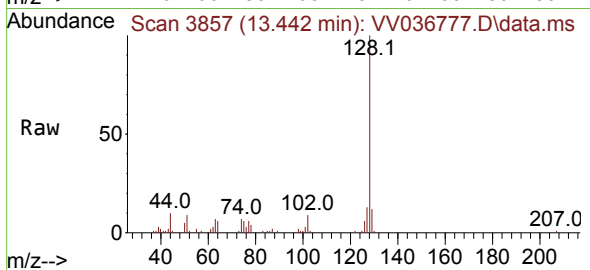
Tgt Ion:128 Resp: 27263

Ion Ratio Lower Upper

128 100

127 11.6 10.5 15.7

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 1.780 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.006 min

Lab File: VV036777.D

Acq: 05 Aug 2024 11:35

Tgt Ion:180 Resp: 7954

Ion Ratio Lower Upper

180 100

182 104.3 76.2 114.2

145 36.4 27.8 41.6

