

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052524\
 Data File : VW035782.D
 Acq On : 25 May 2024 09:10
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 27 01:24:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 25 02:41:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	540396	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	544358	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	302798	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	217471	26.037	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.160%	
7) Chloroethane-d5	1.526	69	168576	25.018	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.080%	
11) 1,1-Dichloroethene-d2	2.050	65	92254	24.949	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 99.800%	
21) 2-Butanone-d5	3.847	46	82548	34.825	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 69.660%	
24) Chloroform-d	4.240	84	374935	23.338	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 93.360%	
26) 1,2-Dichloroethane-d4	4.934	65	193099	24.313	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 97.240%	
32) Benzene-d6	4.950	84	730661	24.520	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 98.080%	
36) 1,2-Dichloropropane-d6	5.982	67	218785	23.792	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 95.160%	
41) Toluene-d8	7.236	98	678580	25.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.360%	
43) trans-1,3-Dichloroprop...	7.548	79	96377	24.506	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 98.040%	
47) 2-Hexanone-d5	8.030	63	66393	40.151	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 80.300%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	185662	20.952	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 83.800%	
66) 1,2-Dichlorobenzene-d4	11.558	152	241366	22.969	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 91.880%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.101	85	228009	20.753	ug/L	99
3) Chloromethane	1.211	50	209405	18.984	ug/L	100
5) Vinyl chloride	1.278	62	242675	21.295	ug/L	99
6) Bromomethane	1.484	94	149006	20.650	ug/L	99
8) Chloroethane	1.542	64	158615	22.579	ug/L	99
9) Trichlorofluoromethane	1.706	101	357084	24.006	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	239460	25.515	ug/L	99
12) 1,1-Dichloroethene	2.060	96	197561	23.305	ug/L #	82
13) Acetone	2.162	43	135037	38.917	ug/L	93
14) Carbon disulfide	2.230	76	483424	18.005	ug/L	100
15) Methyl Acetate	2.384	43	109790	20.884	ug/L	91
16) Methylene chloride	2.439	84	254691	20.438	ug/L	96
17) trans-1,2-Dichloroethene	2.687	96	214171	22.758	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	585189	25.778	ug/L	99
19) 1,1-Dichloroethane	3.101	63	446421	25.303	ug/L	100
20) cis-1,2-Dichloroethene	3.805	96	237845	23.314	ug/L	100
22) 2-Butanone	3.908	43	123761	38.408	ug/L #	70
23) Bromochloromethane	4.140	128	120808	24.483	ug/L	97
25) Chloroform	4.265	83	475981	26.127	ug/L	98

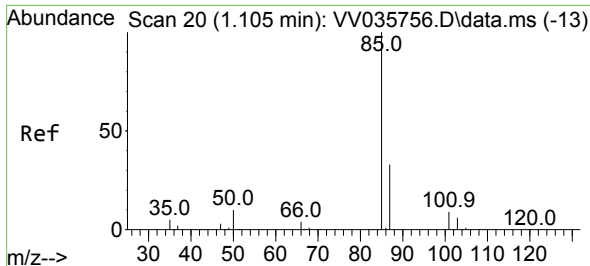
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 Data File : VW035782.D
 Acq On : 25 May 2024 09:10
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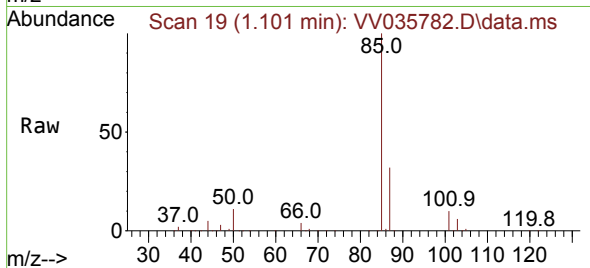
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	295249	26.025	ug/L	100
29) Cyclohexane	4.574	56	296362	22.766	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	400280	26.520	ug/L	99
31) Carbon tetrachloride	4.725	117	346748	26.183	ug/L	98
33) Benzene	5.002	78	919736	25.529	ug/L	100
34) Trichloroethene	5.825	95	270187	26.512	ug/L	99
35) Methylcyclohexane	6.043	83	366644	23.697	ug/L	99
37) 1,2-Dichloropropane	6.088	63	258373	27.488	ug/L	100
38) Bromodichloromethane	6.426	83	343828	27.002	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	377568	25.682	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	320343	56.905	ug/L	97
42) Toluene	7.310	91	1000992	26.254	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	349391	27.167	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	222995	27.921	ug/L	99
46) Tetrachloroethene	7.899	164	199709	24.121	ug/L	98
48) 2-Hexanone	8.075	43	229257	54.316	ug/L	98
49) Dibromochloromethane	8.172	129	247107	27.420	ug/L	98
50) 1,2-Dibromoethane	8.278	107	212692	27.032	ug/L	99
51) Chlorobenzene	8.808	112	668230	25.259	ug/L	99
52) Ethylbenzene	8.944	91	1110040	26.369	ug/L	99
53) m,p-Xylene	9.069	106	423141	26.494	ug/L	99
54) o-Xylene	9.474	106	405002	26.756	ug/L	99
55) Styrene	9.490	104	748835	28.363	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	235449	24.201	ug/L	99
59) Bromoform	9.661	173	168461	28.310	ug/L	99
60) Isopropylbenzene	9.863	105	1141281	28.295	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	206031	29.037	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	916622	28.969	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	918803	28.257	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	569731	26.915	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	589941	26.921	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	538959	27.049	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	46095	28.011	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	432937	26.173	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	351770	25.468	ug/L	100
71) Naphthalene	13.435	128	582499	24.022	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	326254	26.257	ug/L	99

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

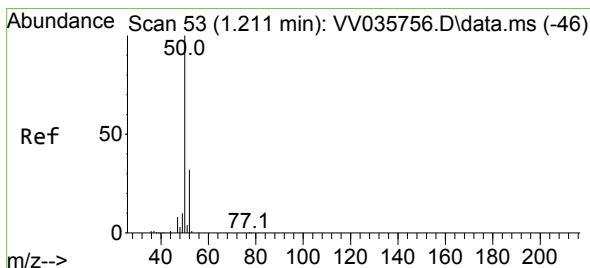
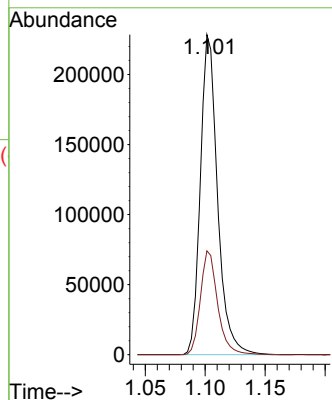
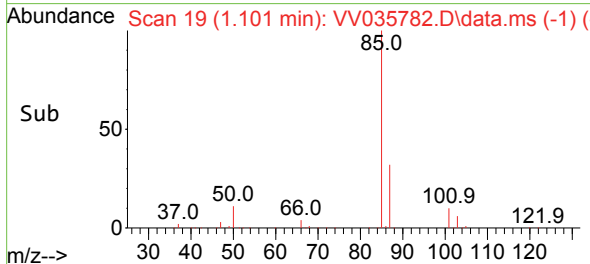


#2
Dichlorodifluoromethane
Concen: 20.753 ug/L
RT: 1.101 min Scan# 19
Delta R.T. -0.003 min
Lab File: VV035782.D
Acq: 25 May 2024 09:10

Instrument :
MSVOA_V
ClientSampleId :

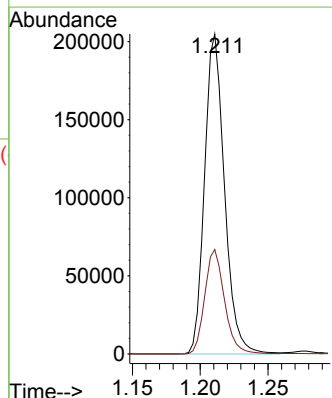
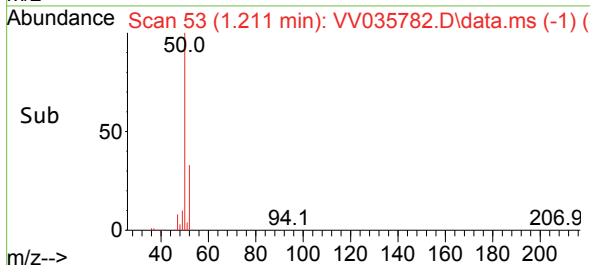
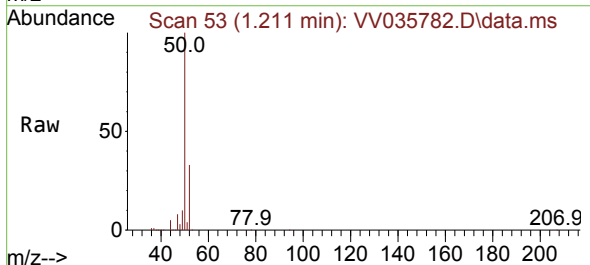


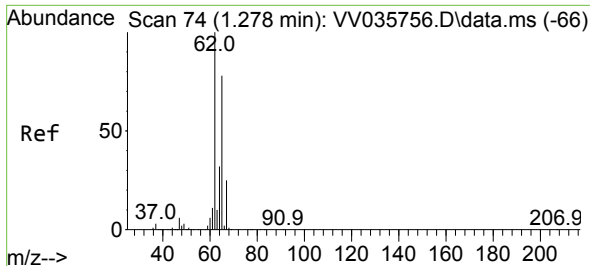
Tgt Ion: 85 Resp: 228009
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.6



#3
Chloromethane
Concen: 18.984 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.000 min
Lab File: VV035782.D
Acq: 25 May 2024 09:10

Tgt Ion: 50 Resp: 209405
Ion Ratio Lower Upper
50 100
52 32.6 22.7 42.1

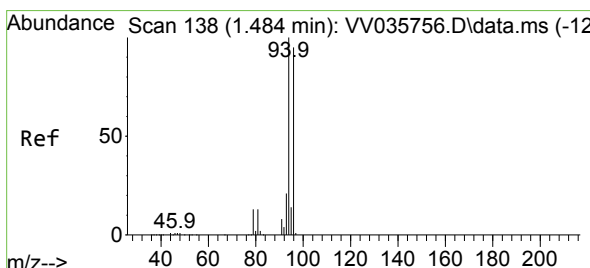
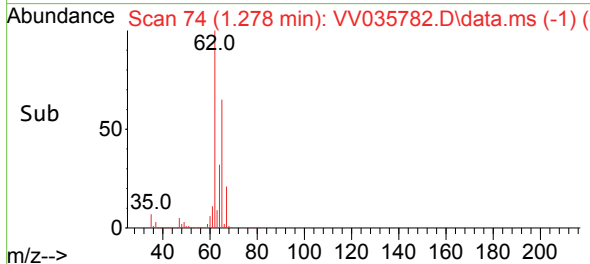
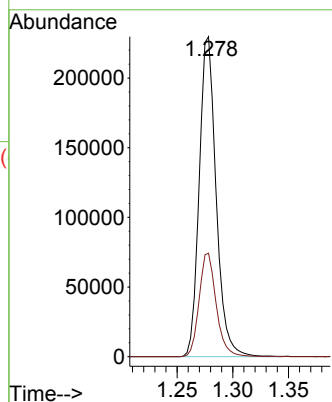
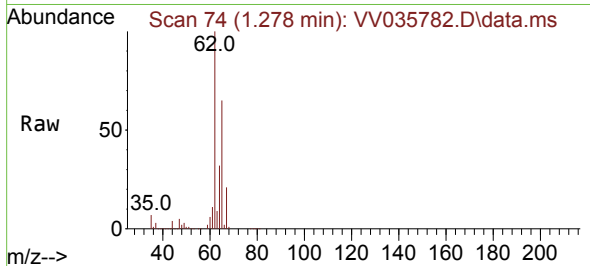




#5
 Vinyl chloride
 Concen: 21.295 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV035782.D
 Acq: 25 May 2024 09:10

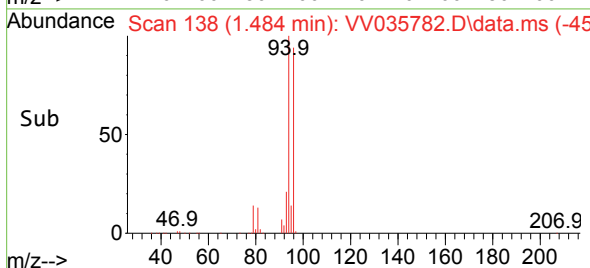
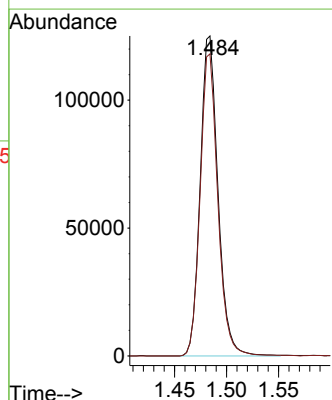
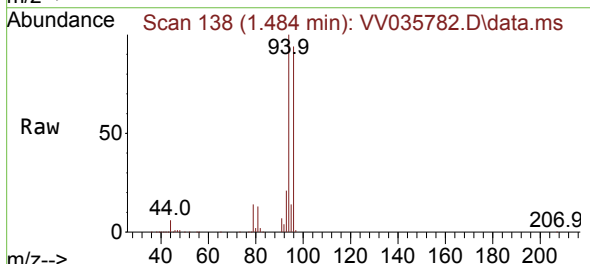
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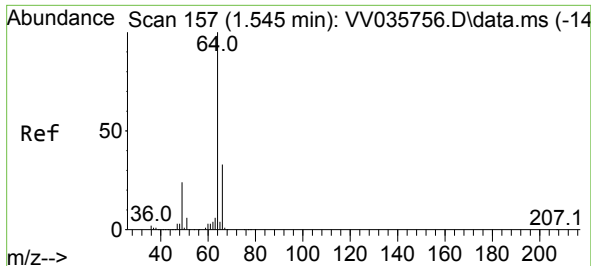
Tgt Ion: 62 Resp: 242675
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.0 42.6



#6
 Bromomethane
 Concen: 20.650 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV035782.D
 Acq: 25 May 2024 09:10

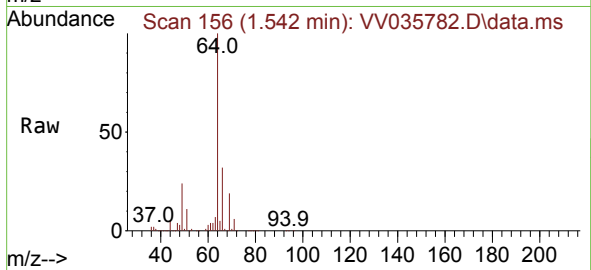
Tgt Ion: 94 Resp: 149006
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.2 121.0



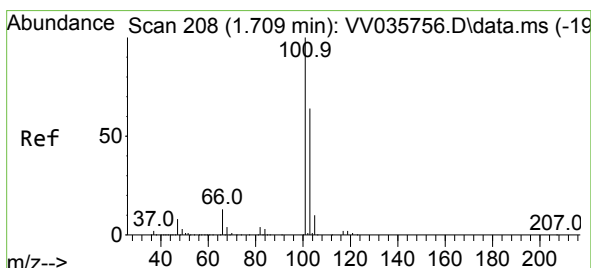
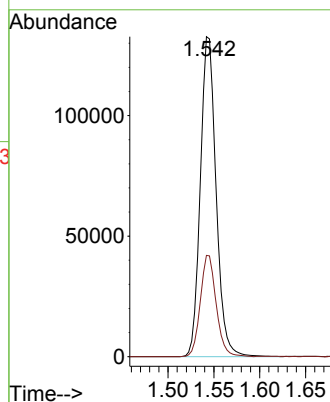
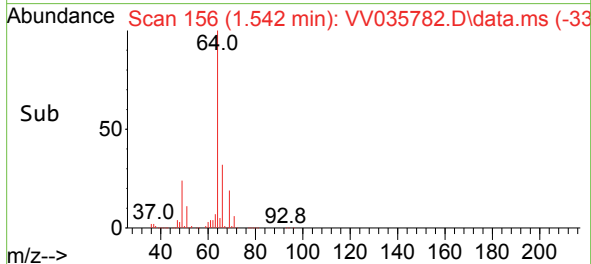


#8
Chloroethane
Concen: 22.579 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035782.D
Acq: 25 May 2024 09:10

Instrument :
MSVOA_V
ClientSampleId :

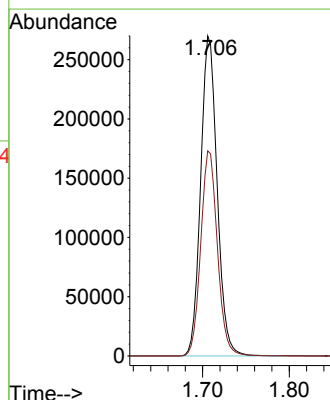
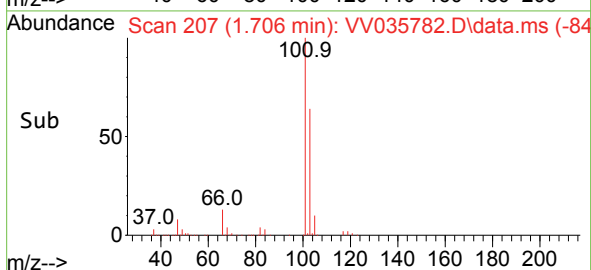
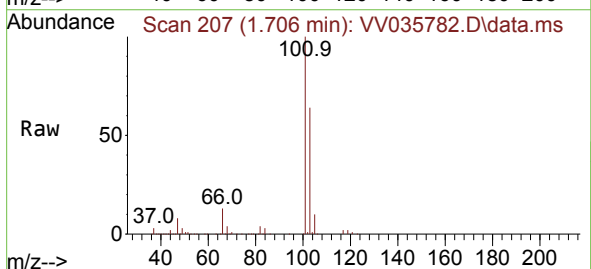


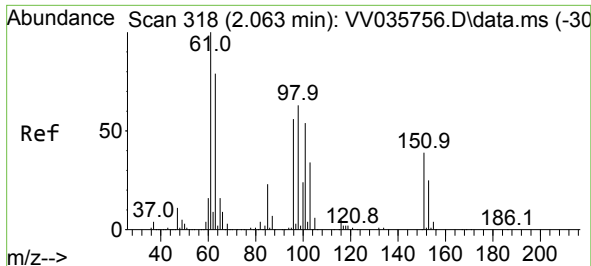
Tgt Ion: 64 Resp: 158615
Ion Ratio Lower Upper
64 100
66 31.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 24.006 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV035782.D
Acq: 25 May 2024 09:10

Tgt Ion: 101 Resp: 357084
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 25.515 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.003 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

Instrument :

MSVOA_V

ClientSampleId :

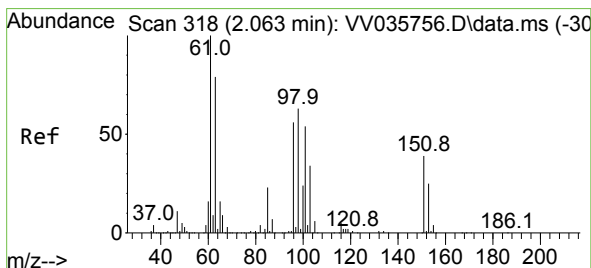
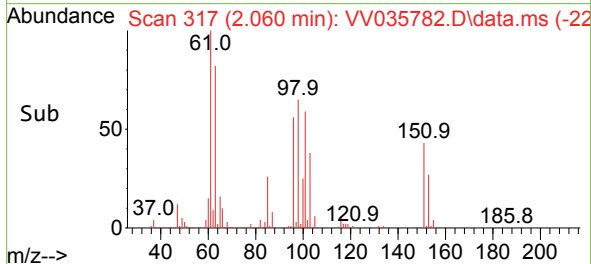
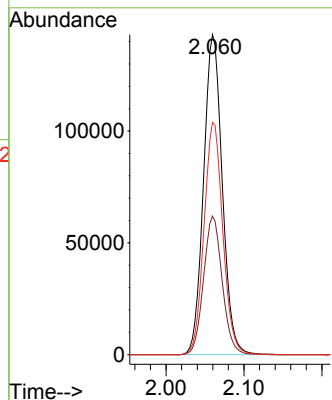
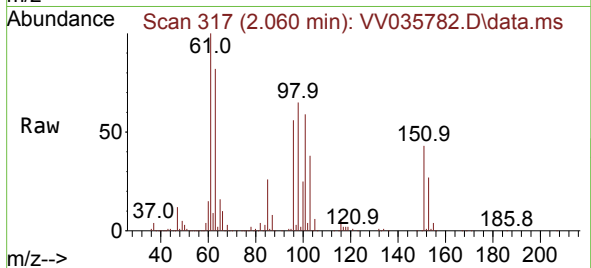
Tgt Ion:101 Resp: 239460

Ion Ratio Lower Upper

101 100

85 43.1 34.2 51.4

151 72.9 59.5 89.3



#12

1,1-Dichloroethene

Concen: 23.305 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.003 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

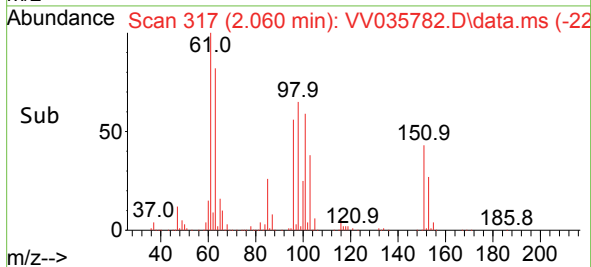
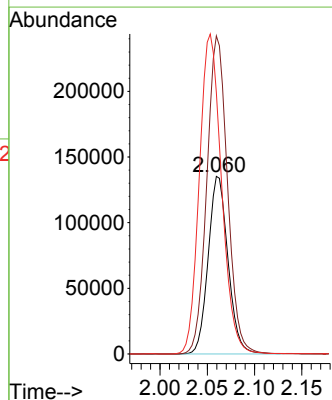
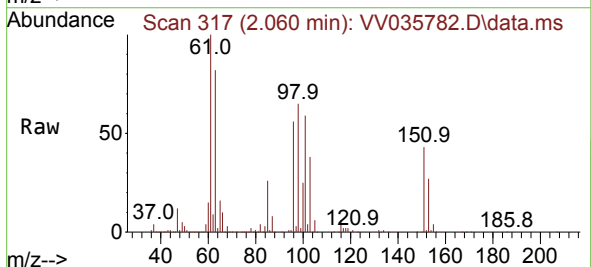
Tgt Ion: 96 Resp: 197561

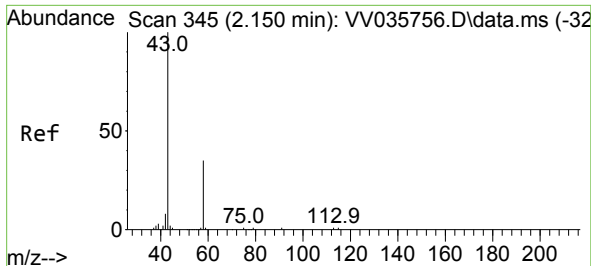
Ion Ratio Lower Upper

96 100

61 179.2 119.8 222.4

63 147.1 75.6 140.4#





#13

Acetone

Concen: 38.917 ug/L

RT: 2.162 min Scan# 34

Delta R.T. 0.013 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

Instrument :

MSVOA_V

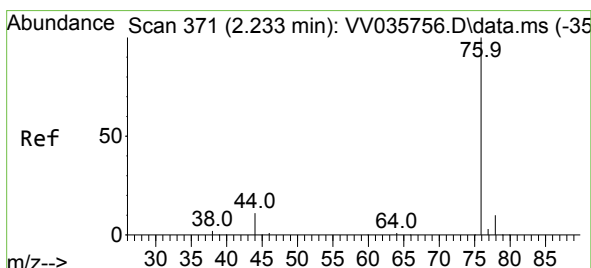
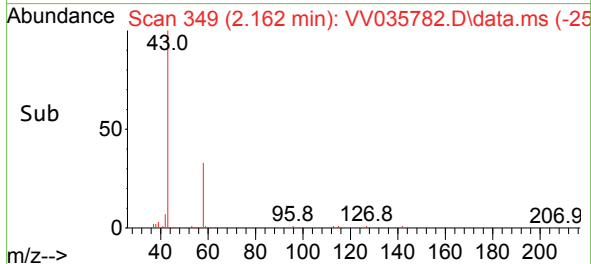
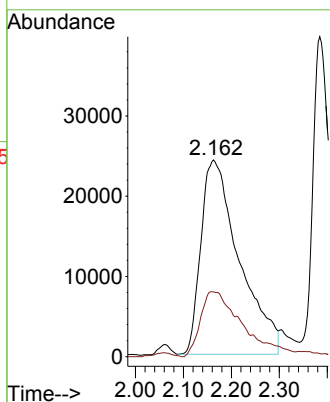
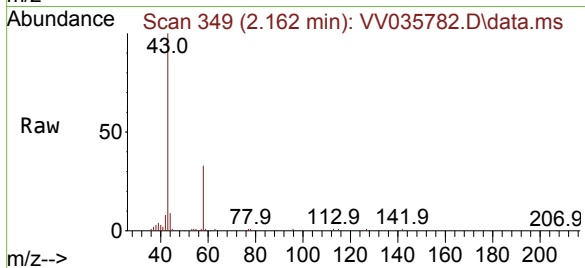
ClientSampleId :

Tgt Ion: 43 Resp: 135037

Ion Ratio Lower Upper

43 100

58 13.9 0.0 22.8



#14

Carbon disulfide

Concen: 18.005 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.003 min

Lab File: VV035782.D

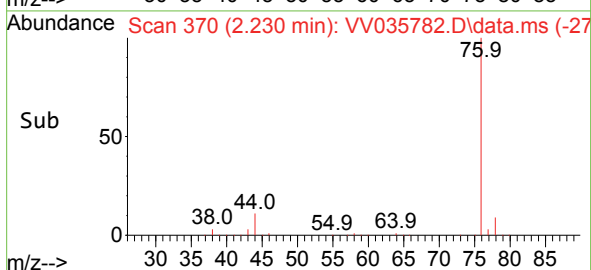
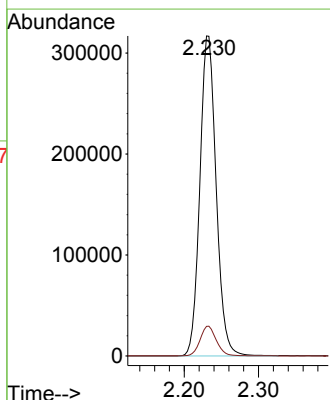
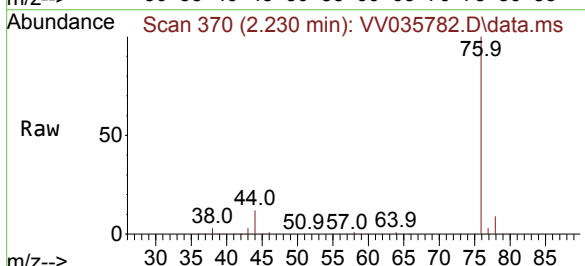
Acq: 25 May 2024 09:10

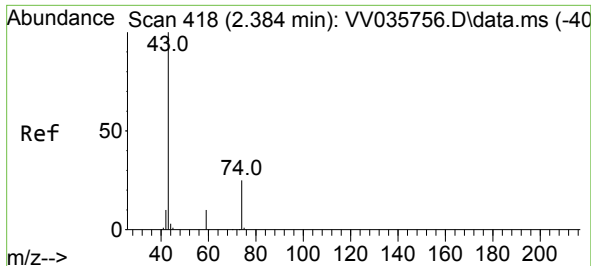
Tgt Ion: 76 Resp: 483424

Ion Ratio Lower Upper

76 100

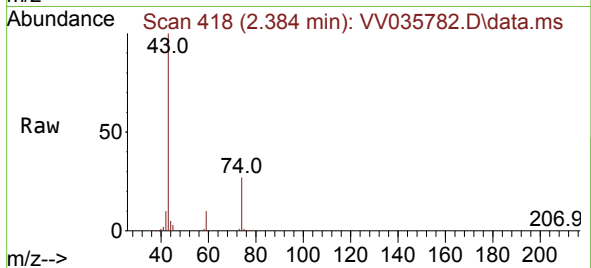
78 9.3 7.5 11.3



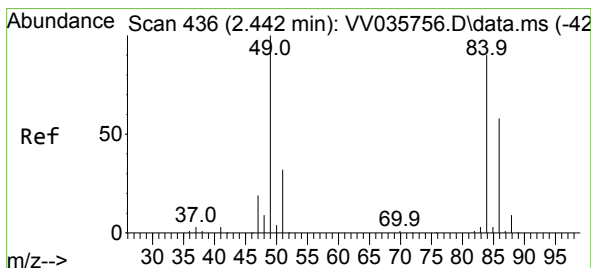
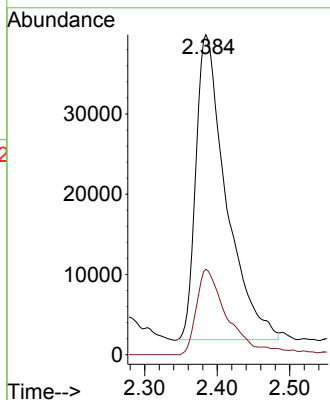
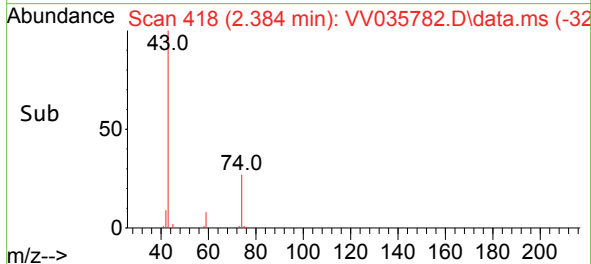


#15
Methyl Acetate
Concen: 20.884 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.000 min
Lab File: VV035782.D
Acq: 25 May 2024 09:10

Instrument :
MSVOA_V
ClientSampleId :

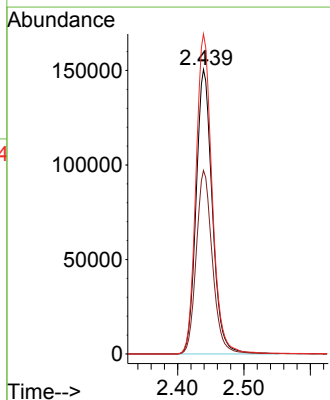
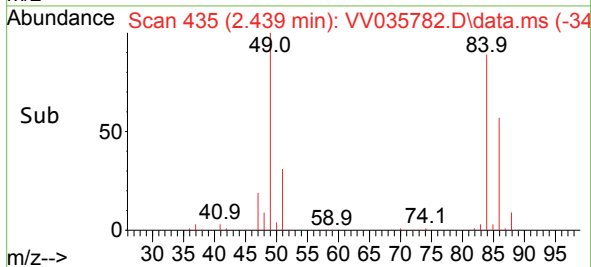
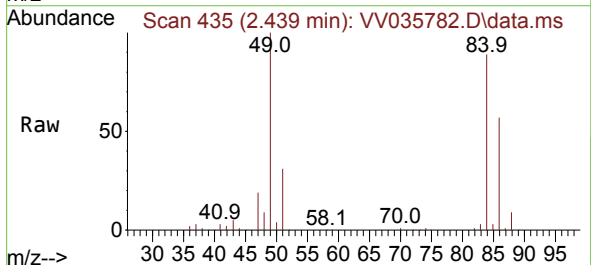


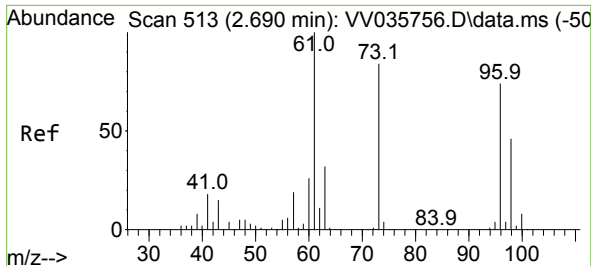
Tgt Ion: 43 Resp: 109790
Ion Ratio Lower Upper
43 100
74 27.5 18.6 27.8



#16
Methylene chloride
Concen: 20.438 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV035782.D
Acq: 25 May 2024 09:10

Tgt Ion: 84 Resp: 254691
Ion Ratio Lower Upper
84 100
86 64.5 43.8 81.3
49 112.5 75.3 139.9





#17

trans-1,2-Dichloroethene

Concen: 22.758 ug/L

RT: 2.687 min Scan# 512

Delta R.T. -0.003 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

Instrument :

MSVOA_V

ClientSampleId :

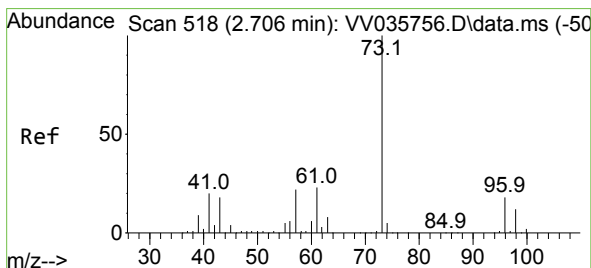
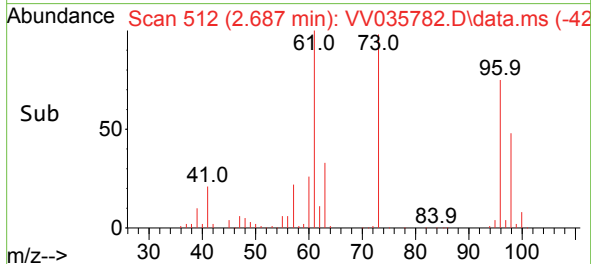
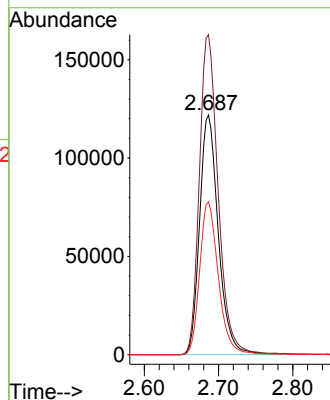
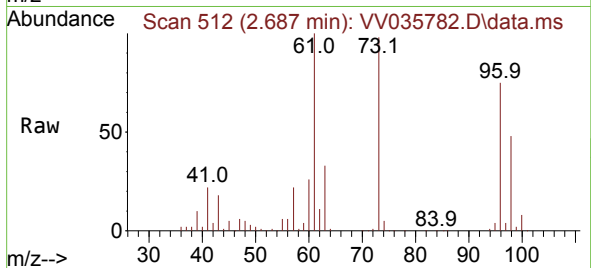
Tgt Ion: 96 Resp: 214171

Ion Ratio Lower Upper

96 100

61 133.5 95.5 177.4

98 63.8 46.0 85.4



#18

Methyl tert-butyl Ether

Concen: 25.778 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.006 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

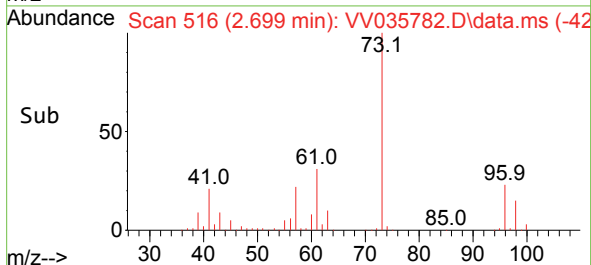
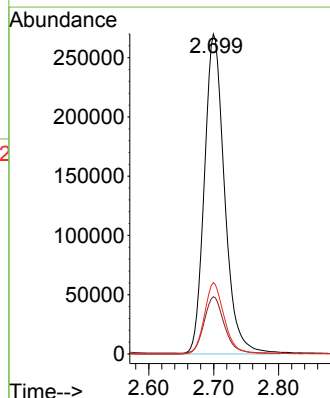
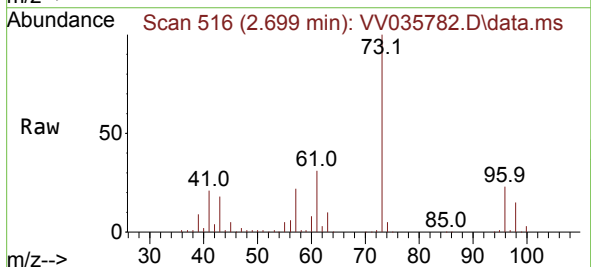
Tgt Ion: 73 Resp: 585189

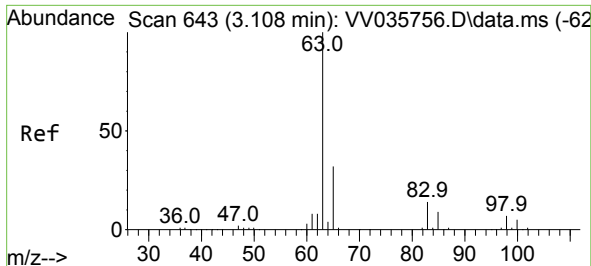
Ion Ratio Lower Upper

73 100

43 17.5 13.3 19.9

57 21.9 17.4 26.2





#19

1,1-Dichloroethane

Concen: 25.303 ug/L

RT: 3.101 min Scan# 64

Delta R.T. -0.006 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

Instrument :

MSVOA_V

ClientSampleId :

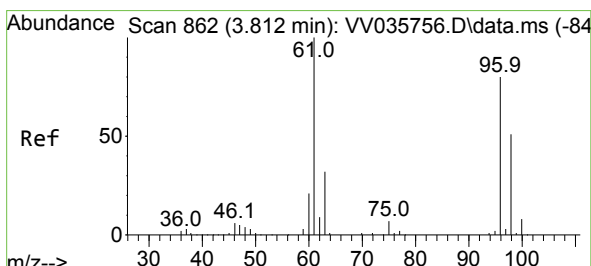
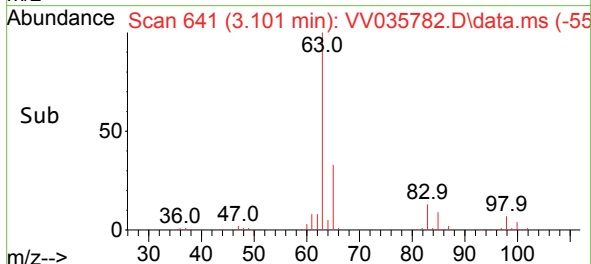
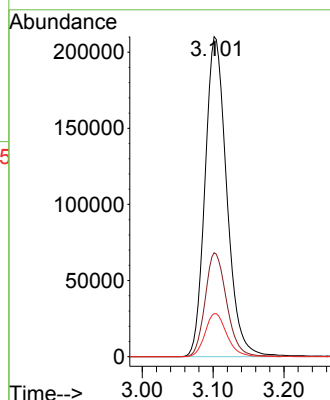
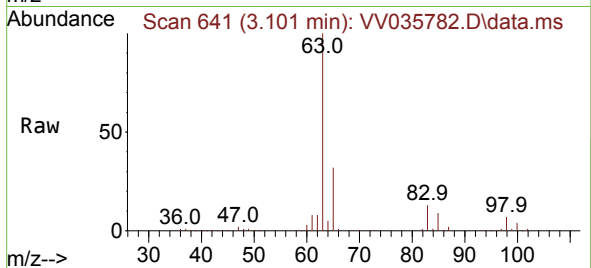
Tgt Ion: 63 Resp: 446421

Ion Ratio Lower Upper

63 100

65 32.5 22.7 42.3

83 13.5 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 23.314 ug/L

RT: 3.805 min Scan# 860

Delta R.T. -0.006 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

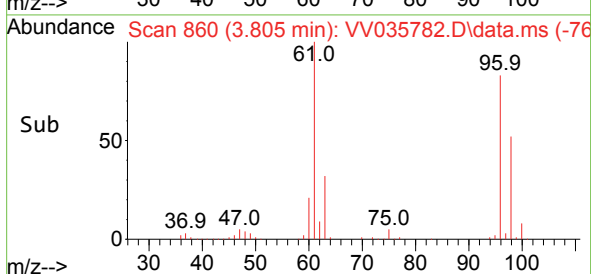
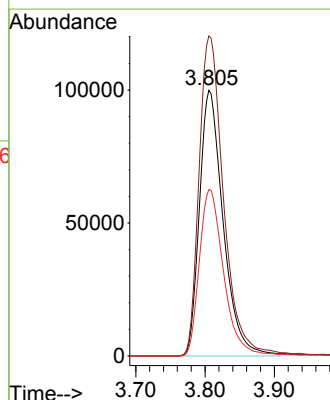
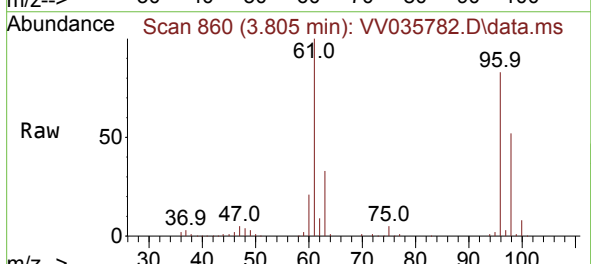
Tgt Ion: 96 Resp: 237845

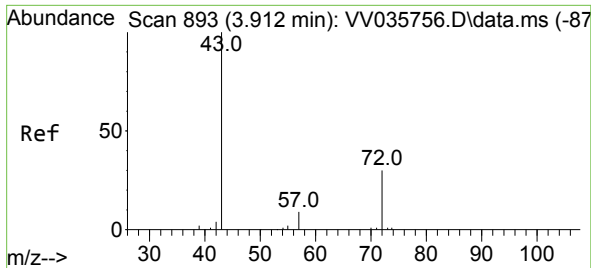
Ion Ratio Lower Upper

96 100

61 120.5 83.9 155.9

98 62.6 44.0 81.8

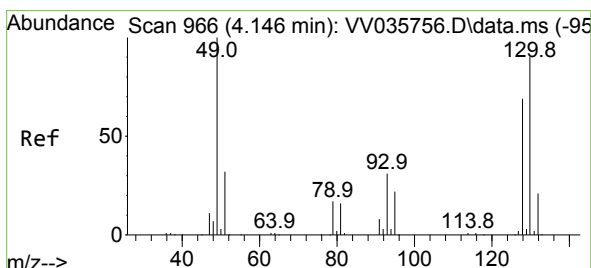
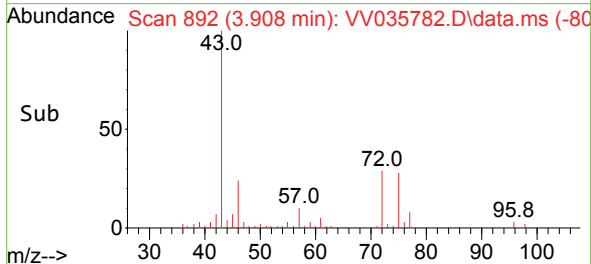
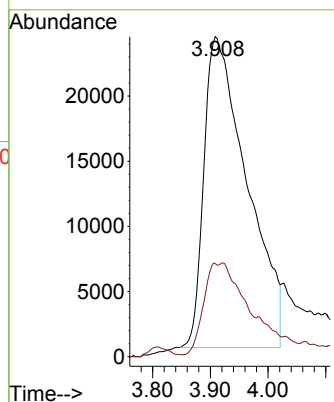
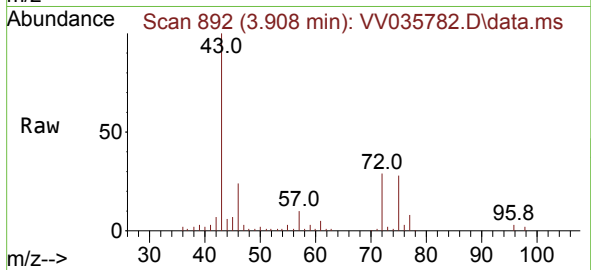




#22
2-Butanone
Concen: 38.408 ug/L
RT: 3.908 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV035782.D
Acq: 25 May 2024 09:10

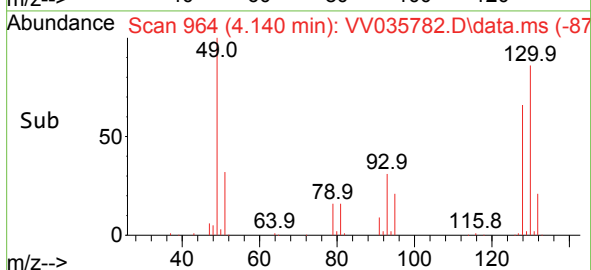
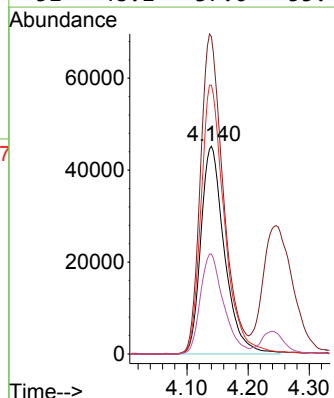
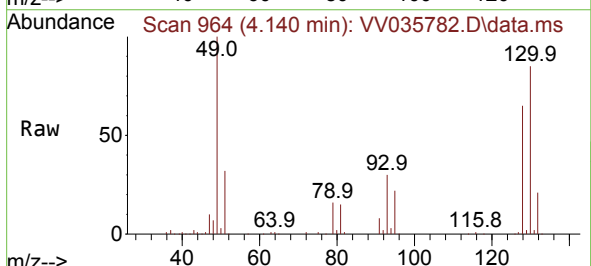
Instrument :
MSVOA_V
ClientSampleId :

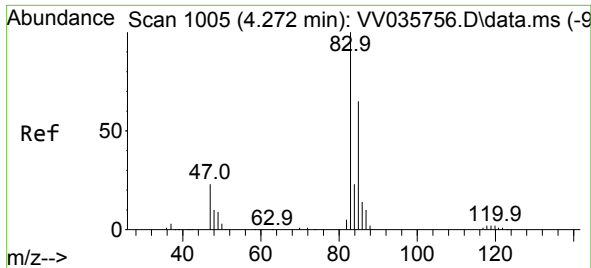
Tgt Ion: 43 Resp: 123761
Ion Ratio Lower Upper
43 100
72 9.5 12.3 36.9#



#23
Bromochloromethane
Concen: 24.483 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.006 min
Lab File: VV035782.D
Acq: 25 May 2024 09:10

Tgt Ion:128 Resp: 120808
Ion Ratio Lower Upper
128 100
49 152.7 103.1 191.5
130 129.4 91.8 170.4
51 48.1 37.0 55.4

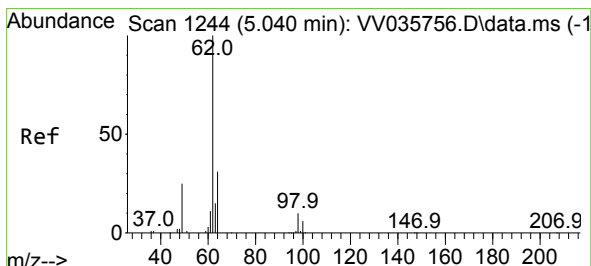
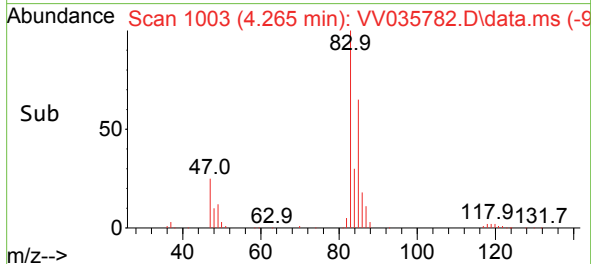
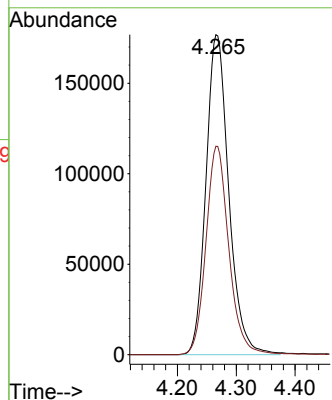
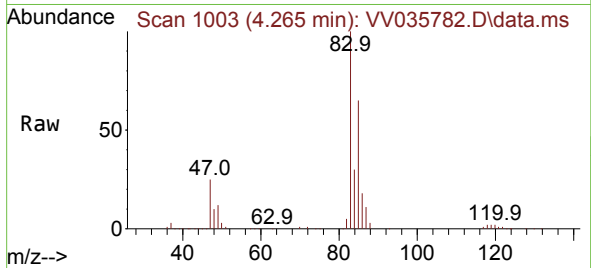




#25
Chloroform
Concen: 26.127 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VV035782.D
Acq: 25 May 2024 09:10

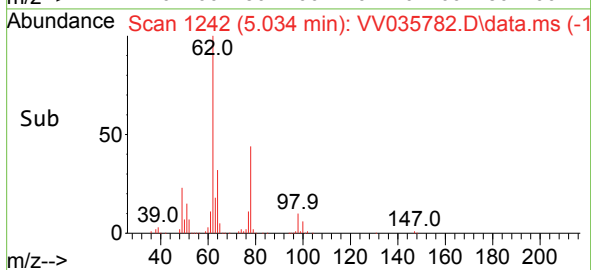
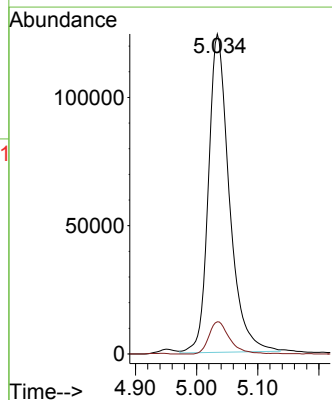
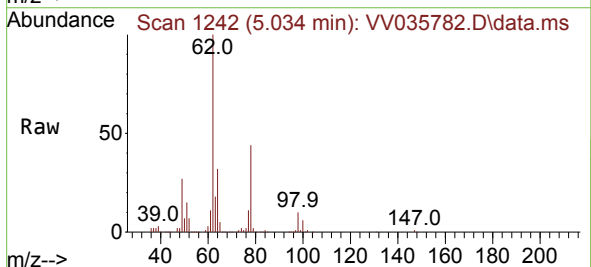
Instrument :
MSVOA_V
ClientSampleId :

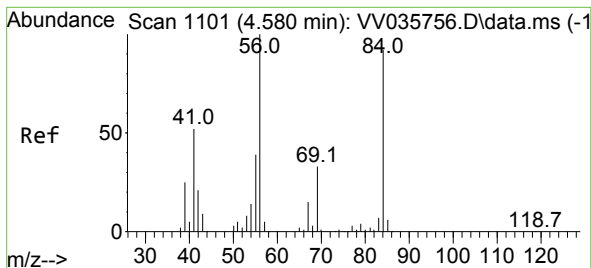
Tgt Ion: 83 Resp: 475981
Ion Ratio Lower Upper
83 100
85 65.1 44.7 82.9



#27
1,2-Dichloroethane
Concen: 26.025 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. -0.006 min
Lab File: VV035782.D
Acq: 25 May 2024 09:10

Tgt Ion: 62 Resp: 295249
Ion Ratio Lower Upper
62 100
98 10.1 8.2 12.2





#29

Cyclohexane

Concen: 22.766 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.006 min

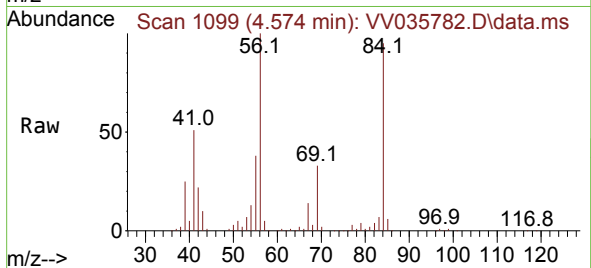
Lab File: VV035782.D

Acq: 25 May 2024 09:10

Instrument :

MSVOA_V

ClientSampleId :



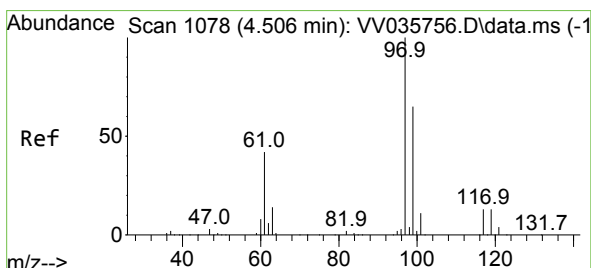
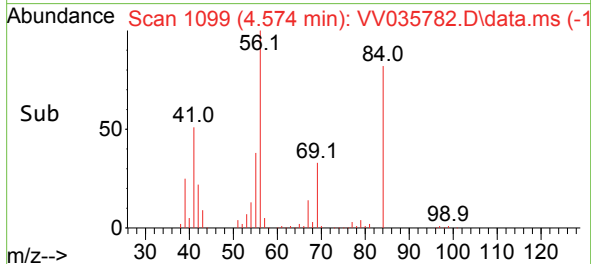
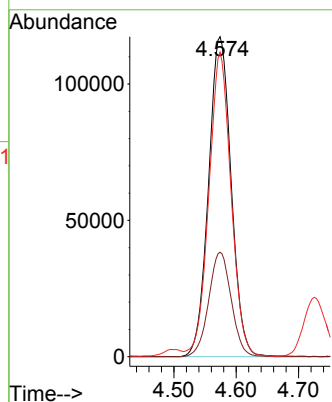
Tgt Ion: 56 Resp: 296362

Ion Ratio Lower Upper

56 100

69 32.5 25.6 38.4

84 92.6 74.8 112.2



#30

1,1,1-Trichloroethane

Concen: 26.520 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

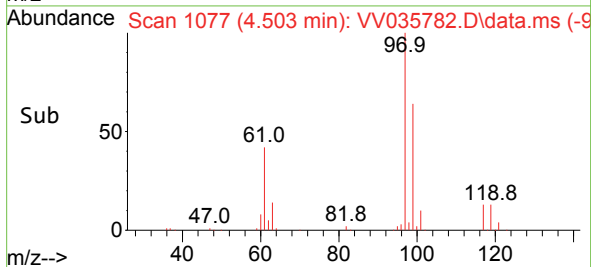
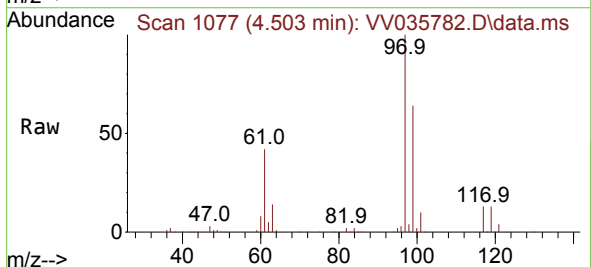
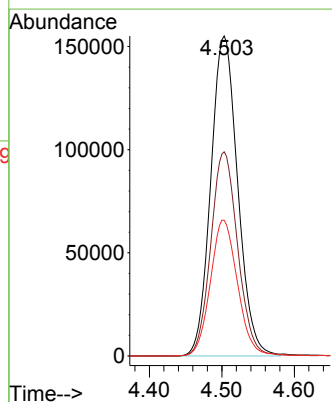
Tgt Ion: 97 Resp: 400280

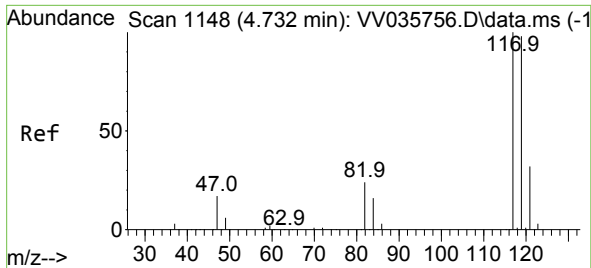
Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

61 42.7 33.5 50.3

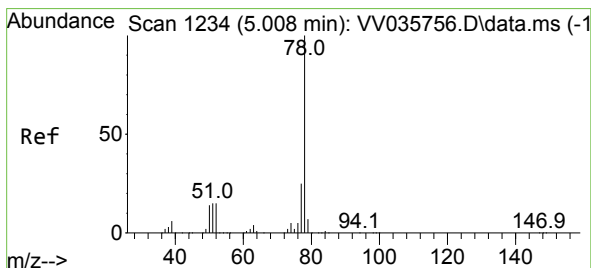
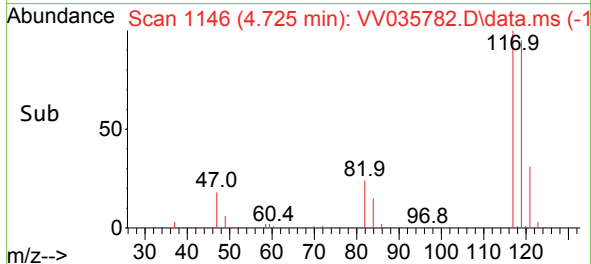
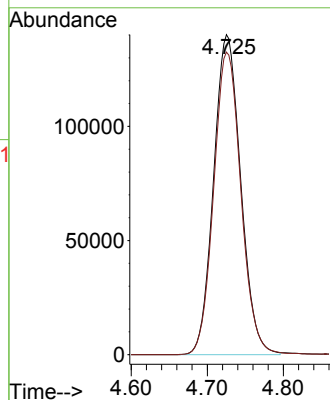
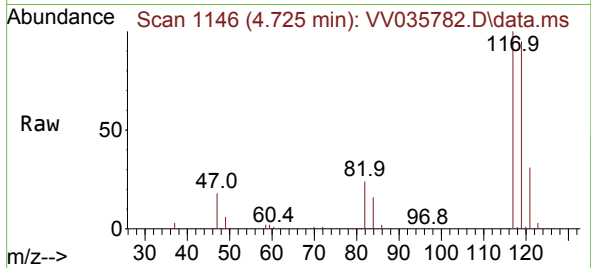




#31
Carbon tetrachloride
Concen: 26.183 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VV035782.D
Acq: 25 May 2024 09:10

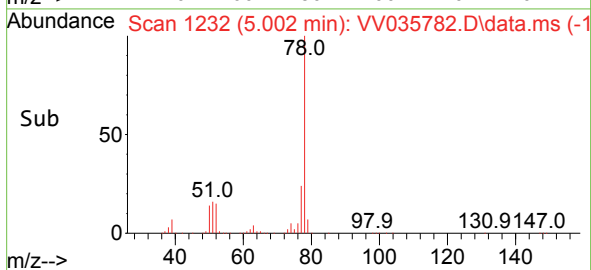
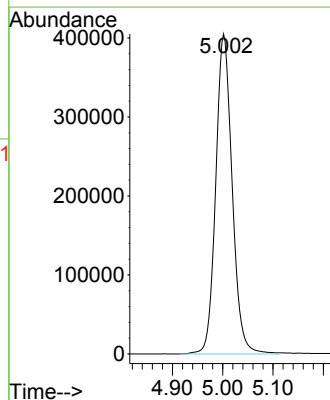
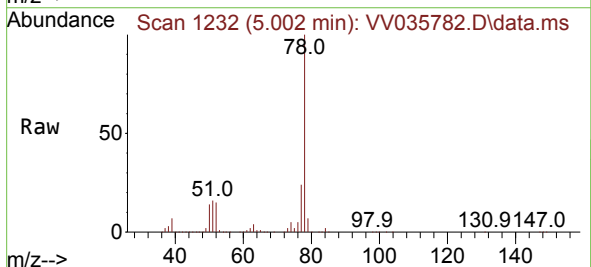
Instrument :
MSVOA_V
ClientSampleId :

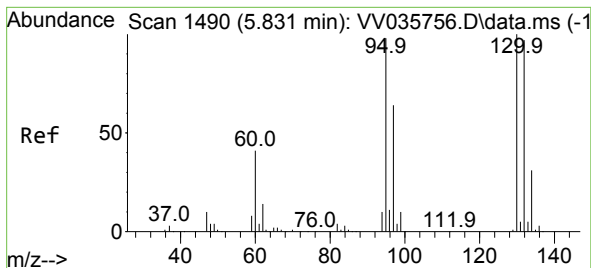
Tgt Ion:117 Resp: 346748
Ion Ratio Lower Upper
117 100
119 95.1 77.3 115.9



#33
Benzene
Concen: 25.529 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.007 min
Lab File: VV035782.D
Acq: 25 May 2024 09:10

Tgt Ion: 78 Resp: 919736





#34

Trichloroethene

Concen: 26.512 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.006 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 270187

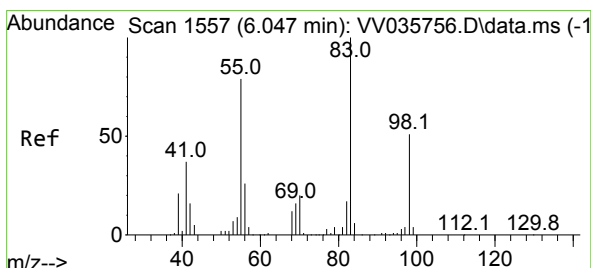
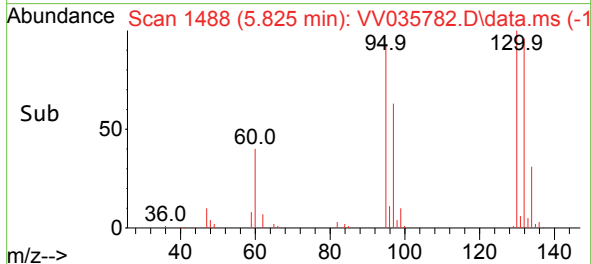
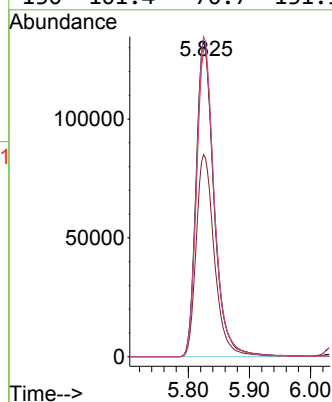
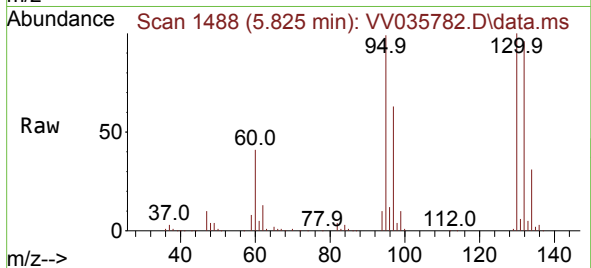
Ion Ratio Lower Upper

95 100

97 64.0 43.8 81.4

132 97.3 67.1 124.7

130 101.4 70.7 131.3



#35

Methylcyclohexane

Concen: 23.697 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

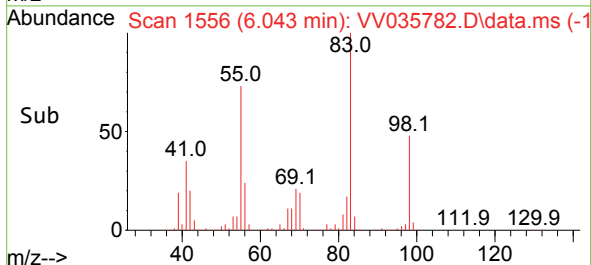
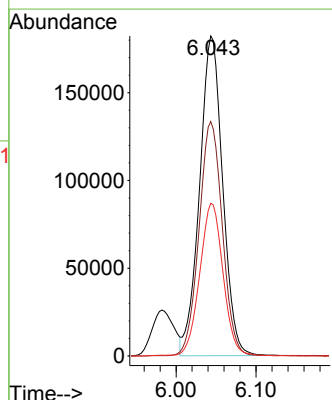
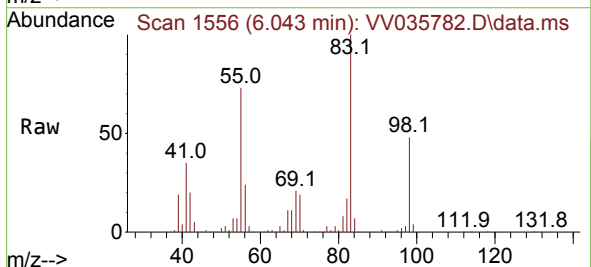
Tgt Ion: 83 Resp: 366644

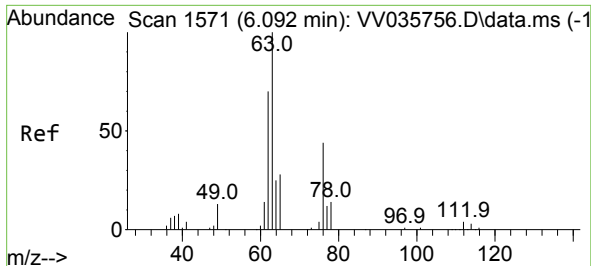
Ion Ratio Lower Upper

83 100

55 73.7 57.5 86.3

98 48.3 38.6 58.0





#37

1,2-Dichloropropane

Concen: 27.488 ug/L

RT: 6.088 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

Instrument :

MSVOA_V

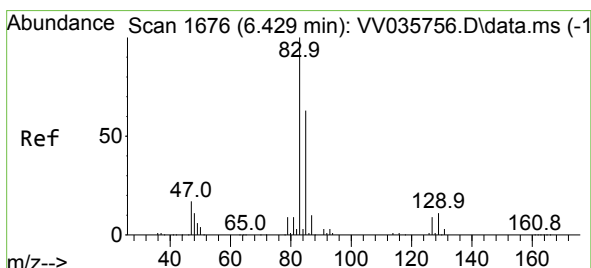
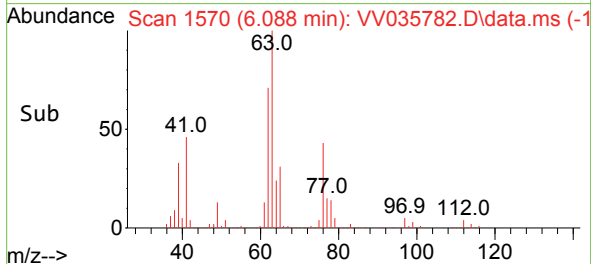
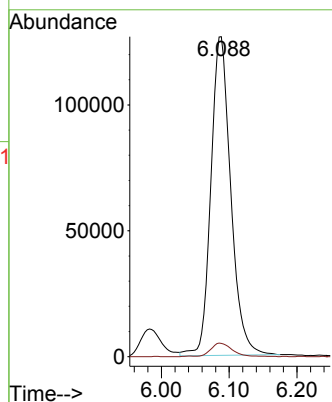
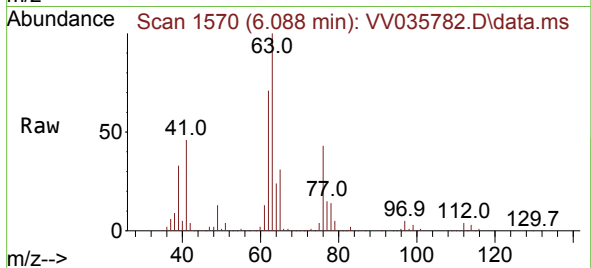
ClientSampleId :

Tgt Ion: 63 Resp: 258373

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 27.002 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.003 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

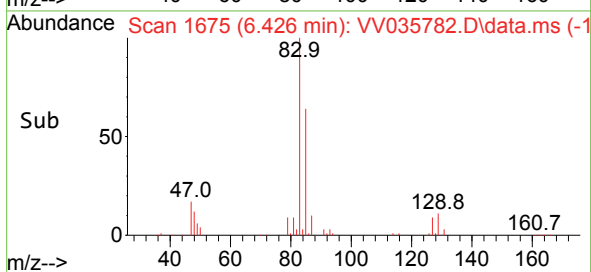
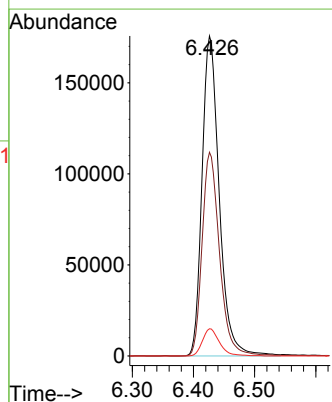
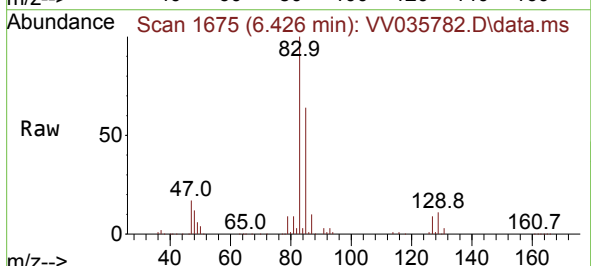
Tgt Ion: 83 Resp: 343828

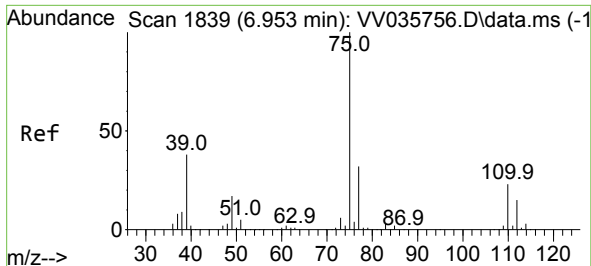
Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.9

127 8.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 25.682 ug/L

RT: 6.950 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

Instrument :

MSVOA_V

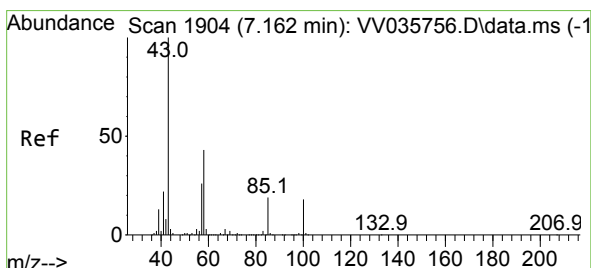
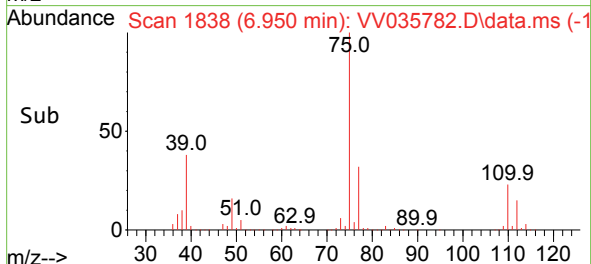
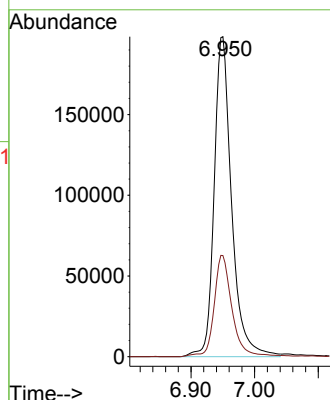
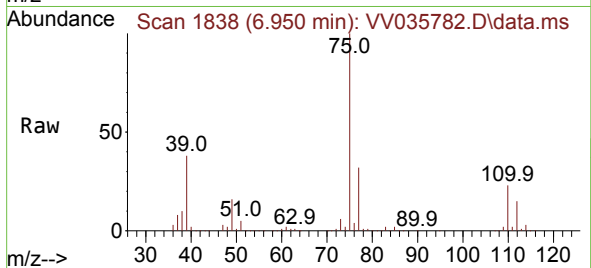
ClientSampleId :

Tgt Ion: 75 Resp: 377568

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 56.905 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

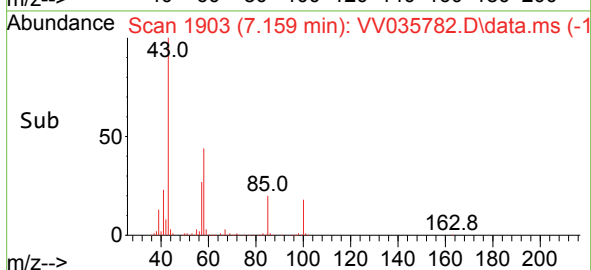
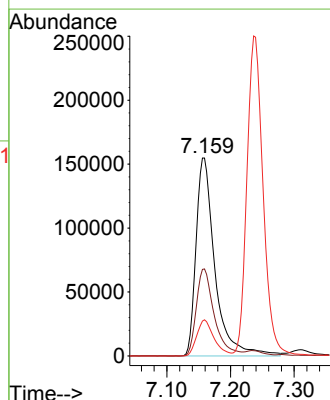
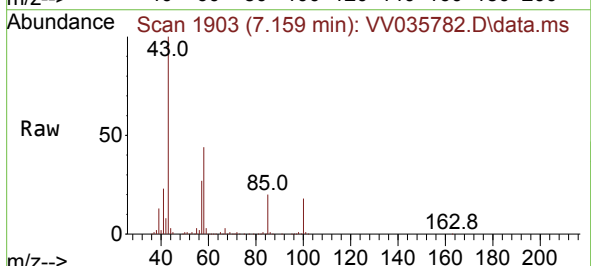
Tgt Ion: 43 Resp: 320343

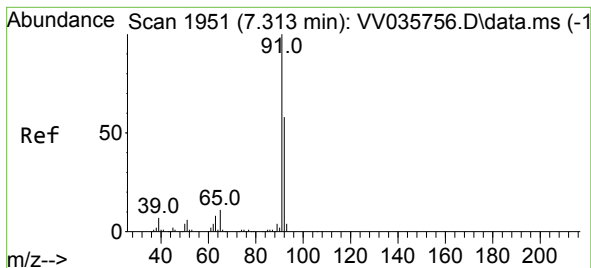
Ion Ratio Lower Upper

43 100

58 41.5 34.8 52.2

100 16.6 13.9 20.9





#42

Toluene

Concen: 26.254 ug/L

RT: 7.310 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

Instrument :

MSVOA_V

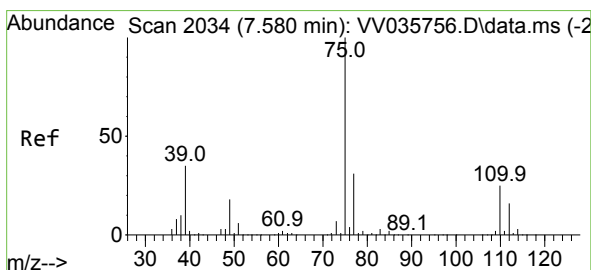
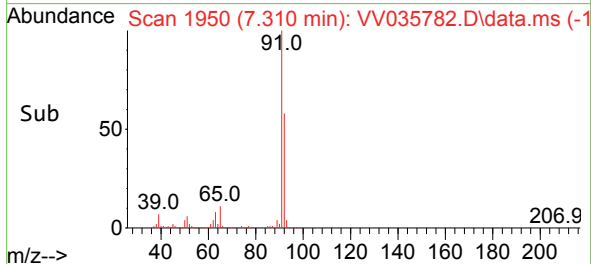
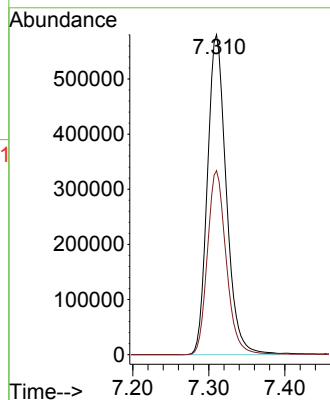
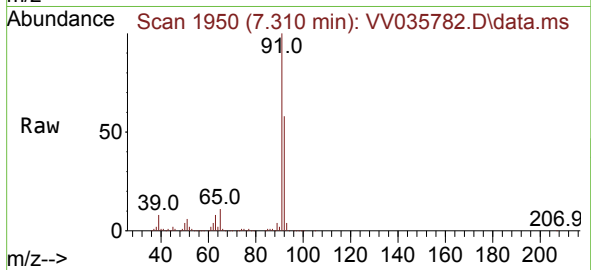
ClientSampleId :

Tgt Ion: 91 Resp: 1000992

Ion Ratio Lower Upper

91 100

92 57.5 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 27.167 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV035782.D

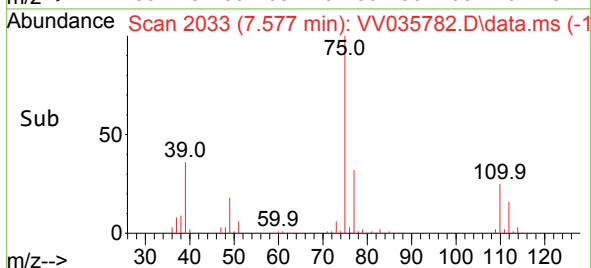
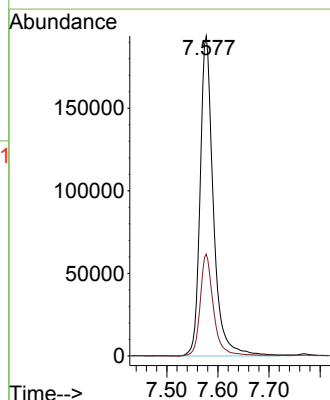
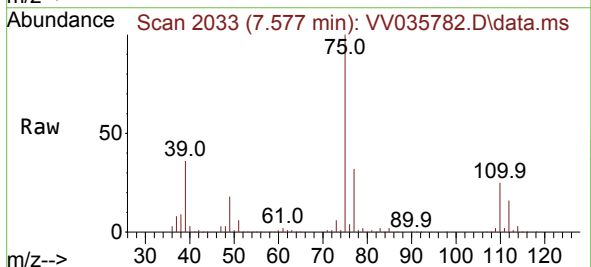
Acq: 25 May 2024 09:10

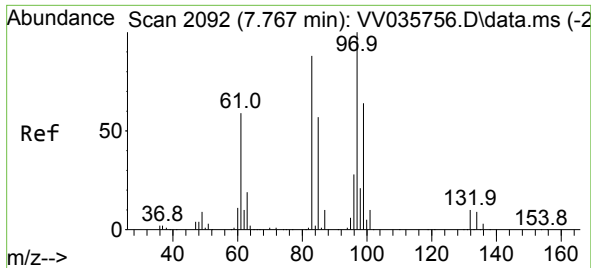
Tgt Ion: 75 Resp: 349391

Ion Ratio Lower Upper

75 100

77 31.9 22.4 41.6

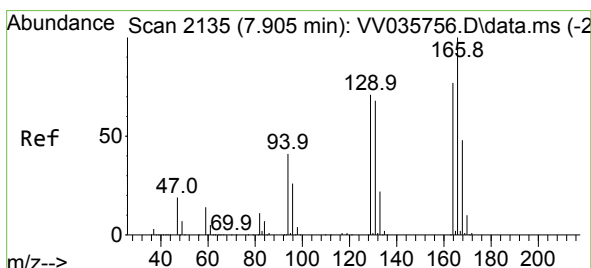
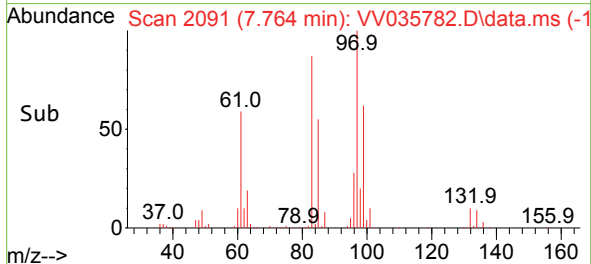
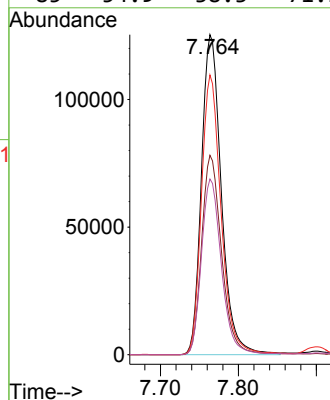
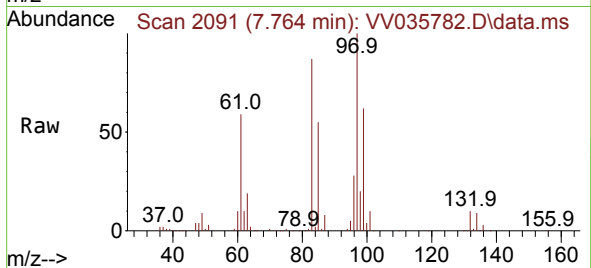




#45
1,1,2-Trichloroethane
Concen: 27.921 ug/L
RT: 7.764 min Scan# 2092
Delta R.T. -0.003 min
Lab File: VV035782.D
Acq: 25 May 2024 09:10

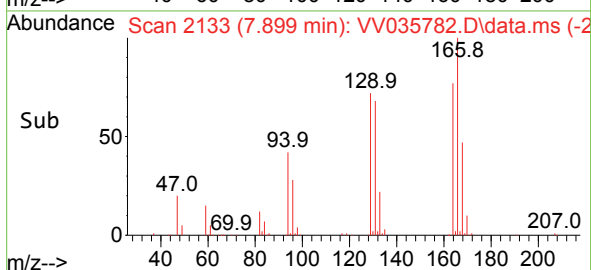
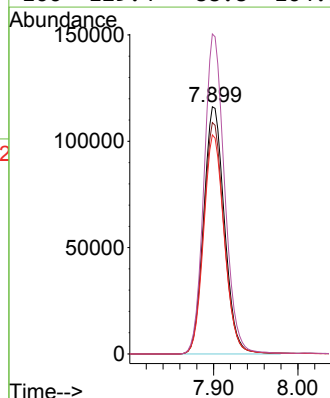
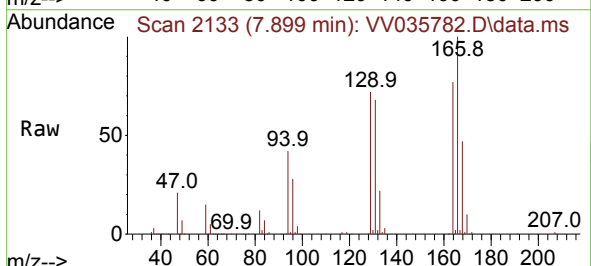
Instrument :
MSVOA_V
ClientSampleId :

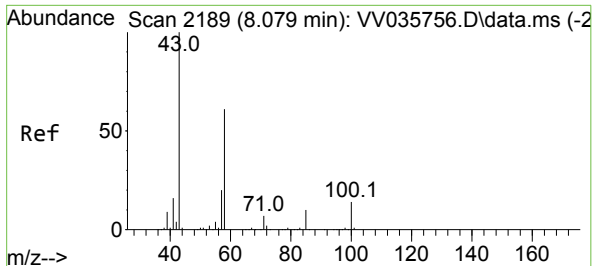
Tgt Ion: 97	Resp: 222995
Ion Ratio	Lower Upper
97 100	
99 62.3	43.3 80.3
83 87.4	60.3 111.9
85 54.9	38.3 71.1



#46
Tetrachloroethene
Concen: 24.121 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.006 min
Lab File: VV035782.D
Acq: 25 May 2024 09:10

Tgt	Ion:164	Resp:	199709
Ion	Ratio	Lower	Upper
164	100		
129	93.6	63.4	117.8
131	88.6	61.0	113.4
166	129.4	88.8	164.8

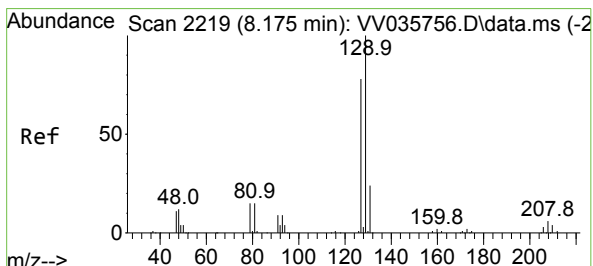
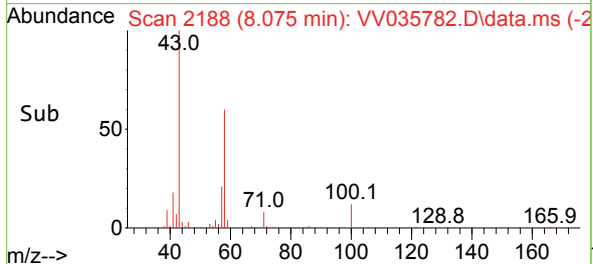
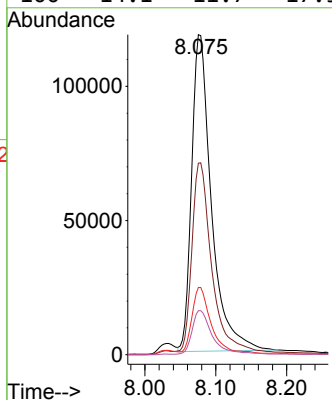
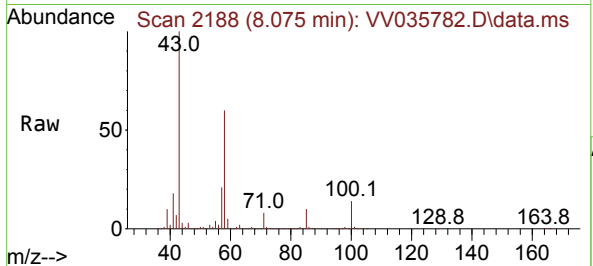




#48
2-Hexanone
Concen: 54.316 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV035782.D
Acq: 25 May 2024 09:10

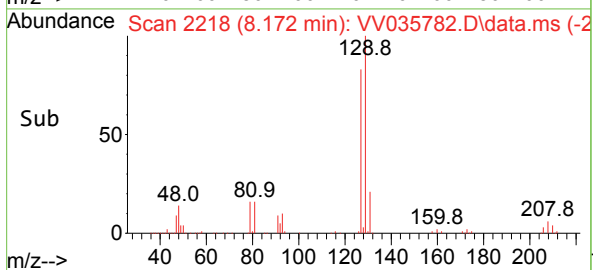
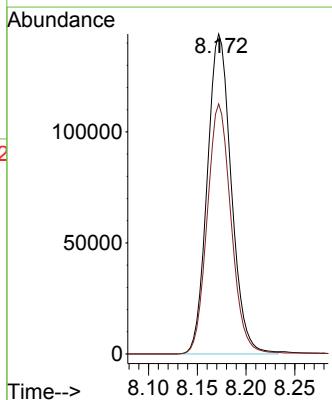
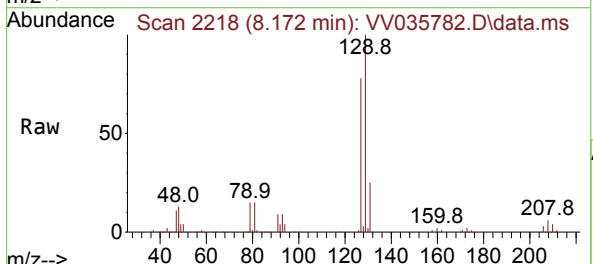
Instrument :
MSVOA_V
ClientSampleId :

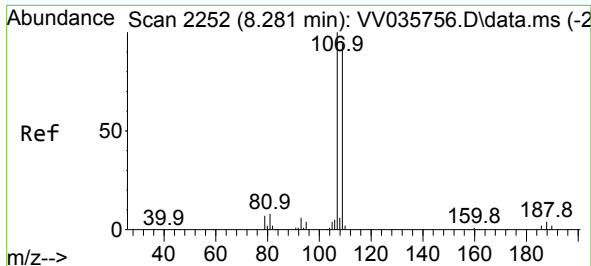
Tgt Ion: 43 Resp: 229257
Ion Ratio Lower Upper
43 100
58 60.3 48.8 73.2
57 19.1 16.9 25.3
100 14.1 11.7 17.5



#49
Dibromochloromethane
Concen: 27.420 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.003 min
Lab File: VV035782.D
Acq: 25 May 2024 09:10

Tgt Ion: 129 Resp: 247107
Ion Ratio Lower Upper
129 100
127 78.2 53.8 99.8





#50

1,2-Dibromoethane

Concen: 27.032 ug/L

RT: 8.278 min Scan# 2126

Delta R.T. -0.003 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

Instrument :

MSVOA_V

ClientSampleId :

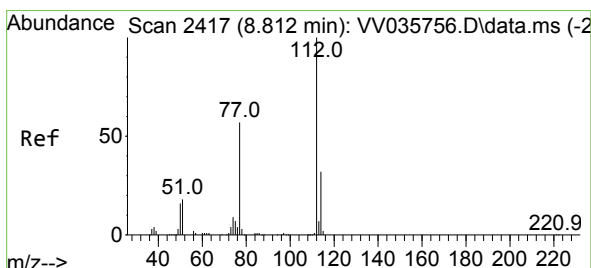
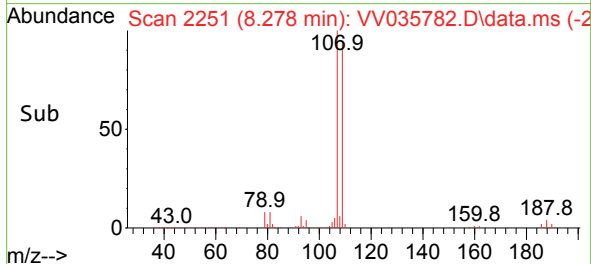
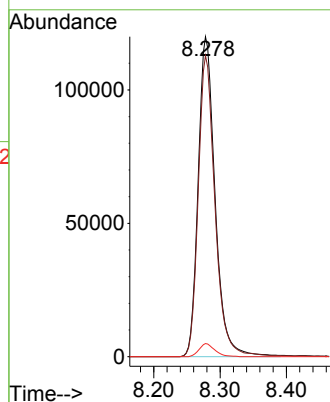
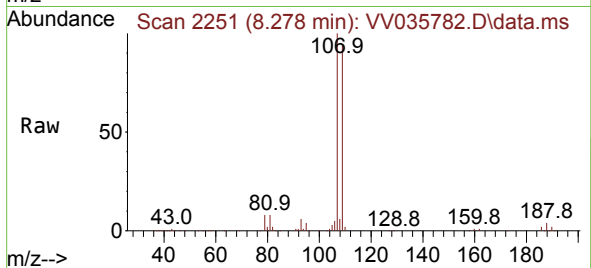
Tgt Ion:107 Resp: 212692

Ion Ratio Lower Upper

107 100

109 94.1 65.4 121.4

188 4.1 2.9 4.3



#51

Chlorobenzene

Concen: 25.259 ug/L

RT: 8.808 min Scan# 2416

Delta R.T. -0.003 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

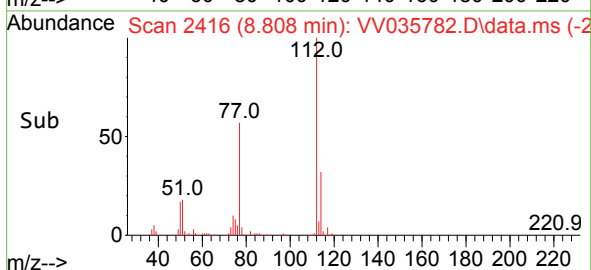
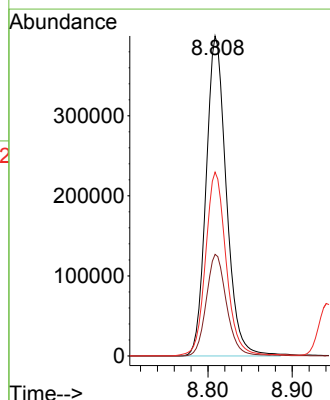
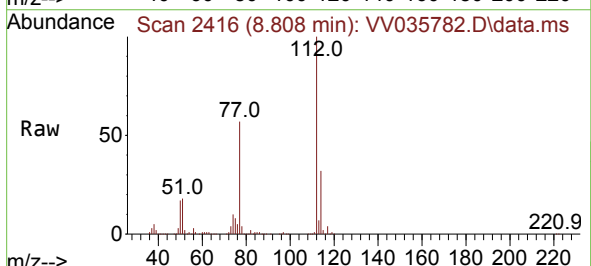
Tgt Ion:112 Resp: 668230

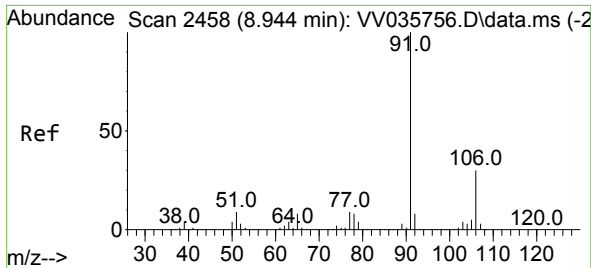
Ion Ratio Lower Upper

112 100

114 31.7 22.5 41.7

77 57.4 46.6 69.8

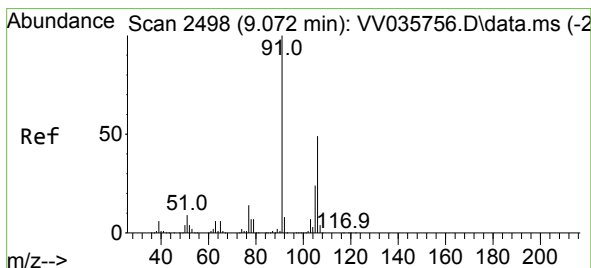
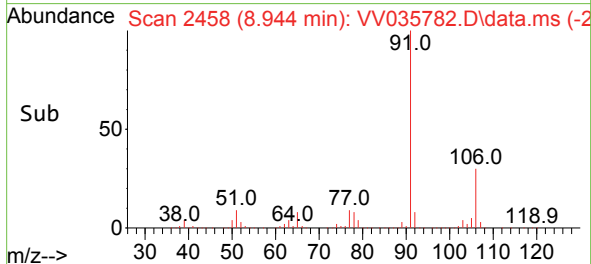
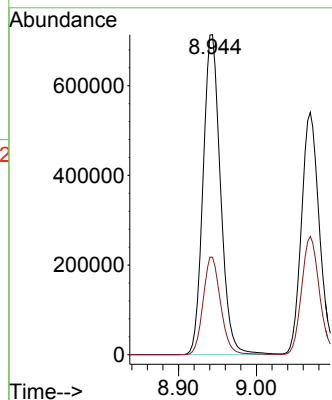
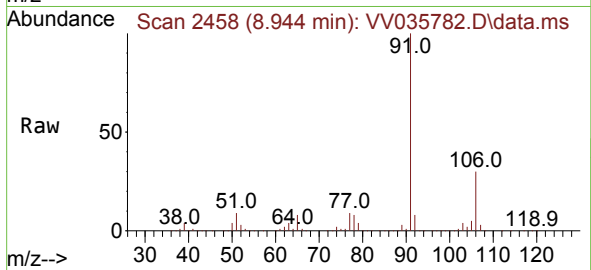




#52
Ethylbenzene
Concen: 26.369 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV035782.D
Acq: 25 May 2024 09:10

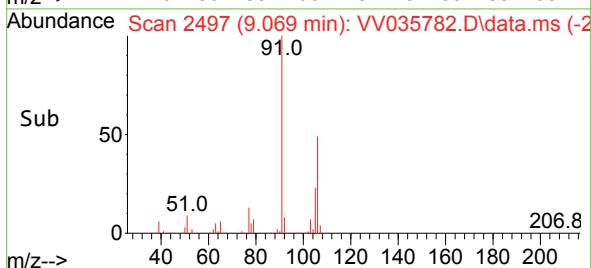
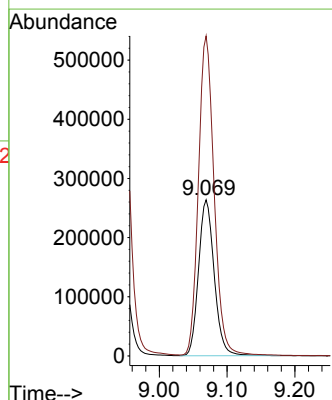
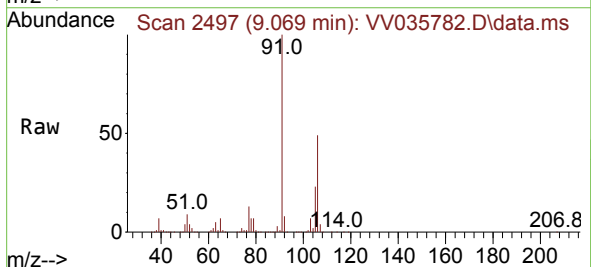
Instrument :
MSVOA_V
ClientSampleId :

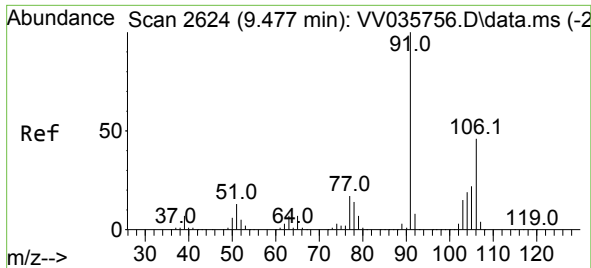
Tgt Ion: 91 Resp: 1110040
Ion Ratio Lower Upper
91 100
106 30.5 21.7 40.3



#53
m,p-Xylene
Concen: 26.494 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.003 min
Lab File: VV035782.D
Acq: 25 May 2024 09:10

Tgt Ion: 106 Resp: 423141
Ion Ratio Lower Upper
106 100
91 205.0 142.7 264.9

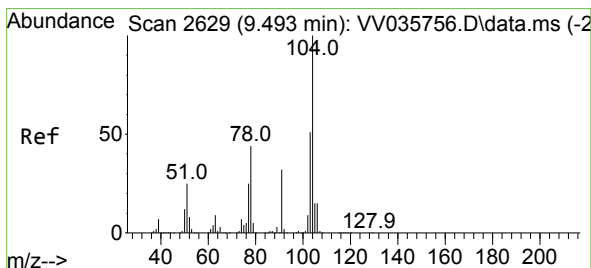
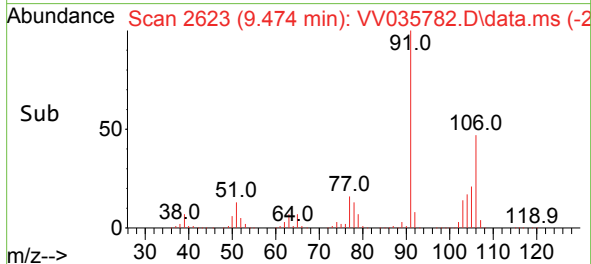
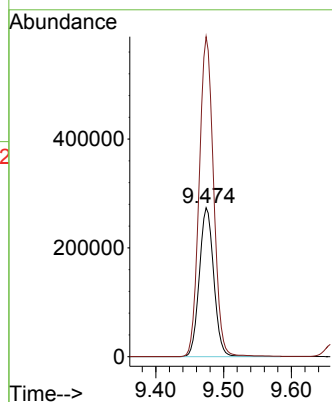
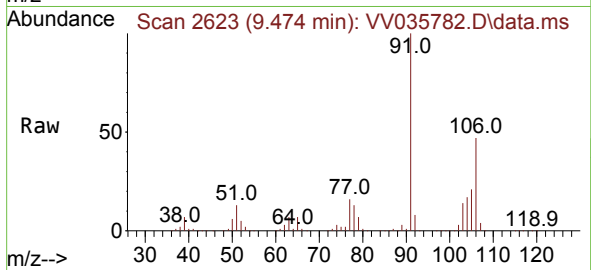




#54
o-Xylene
Concen: 26.756 ug/L
RT: 9.474 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV035782.D
Acq: 25 May 2024 09:10

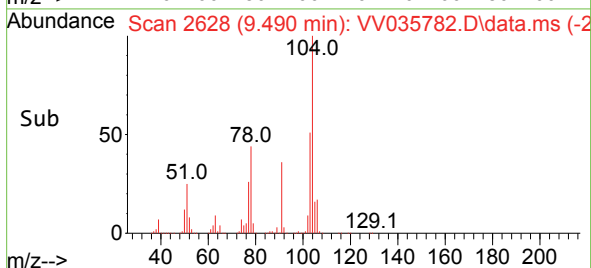
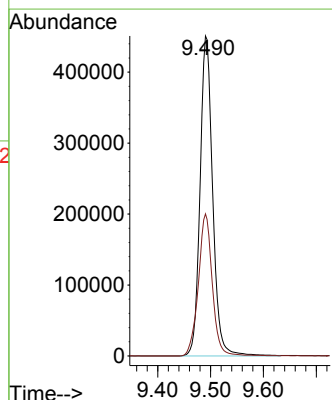
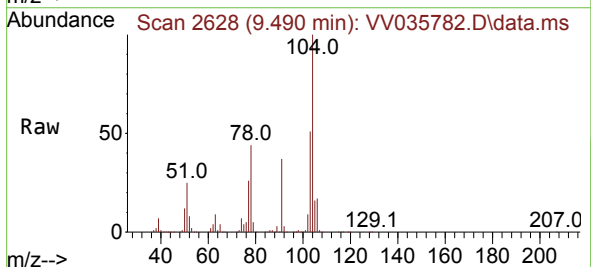
Instrument :
MSVOA_V
ClientSampleId :

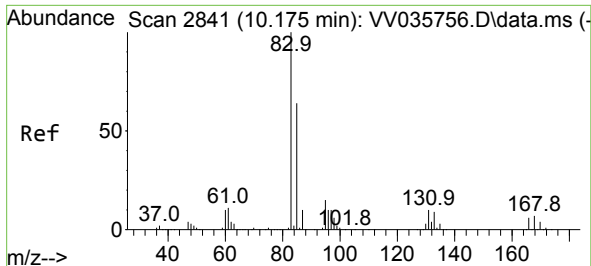
Tgt Ion:106 Resp: 405002
Ion Ratio Lower Upper
106 100
91 214.8 150.9 280.3



#55
Styrene
Concen: 28.363 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.003 min
Lab File: VV035782.D
Acq: 25 May 2024 09:10

Tgt Ion:104 Resp: 748835
Ion Ratio Lower Upper
104 100
78 44.4 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 24.201 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

Instrument :

MSVOA_V

ClientSampleId :

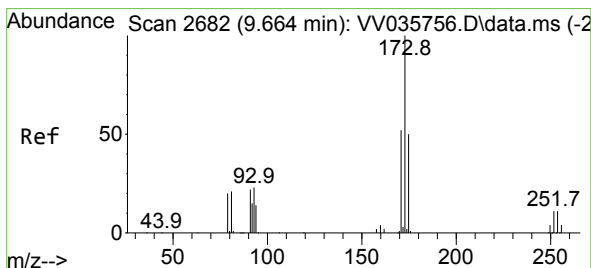
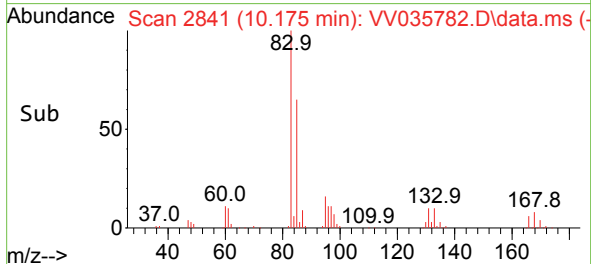
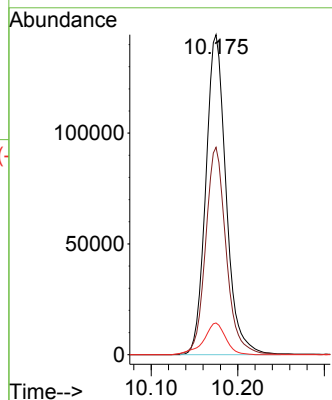
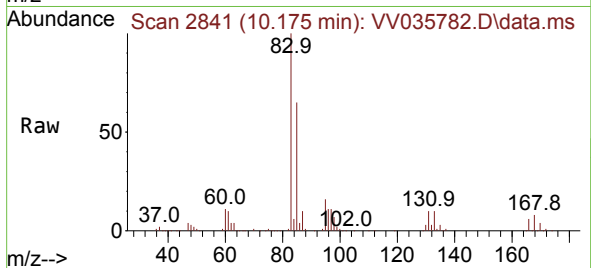
Tgt Ion: 83 Resp: 235449

Ion Ratio Lower Upper

83 100

85 64.8 44.7 83.1

131 9.9 8.0 12.0



#59

Bromoform

Concen: 28.310 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. -0.003 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

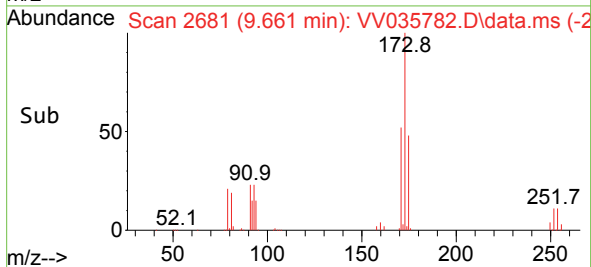
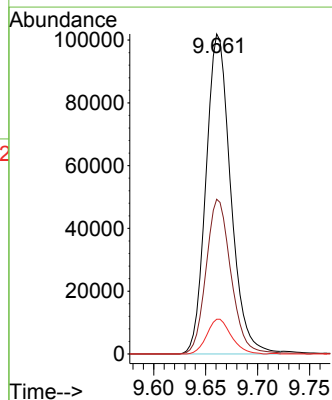
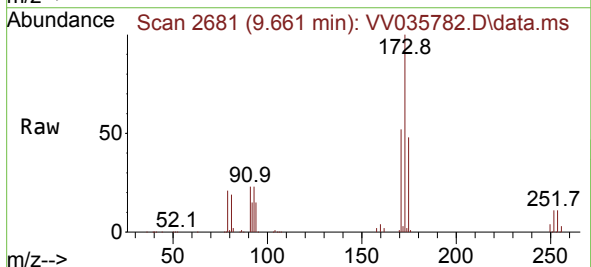
Tgt Ion:173 Resp: 168461

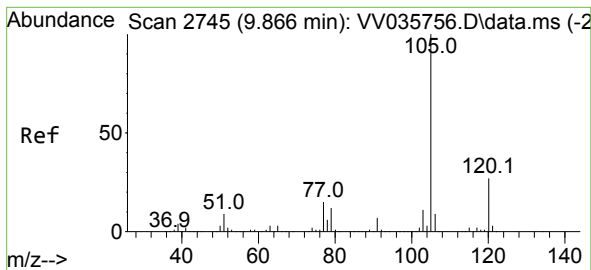
Ion Ratio Lower Upper

173 100

175 48.7 38.7 58.1

254 10.7 8.3 12.5





#60

Isopropylbenzene

Concen: 28.295 ug/L

RT: 9.863 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

Instrument :

MSVOA_V

ClientSampleId :

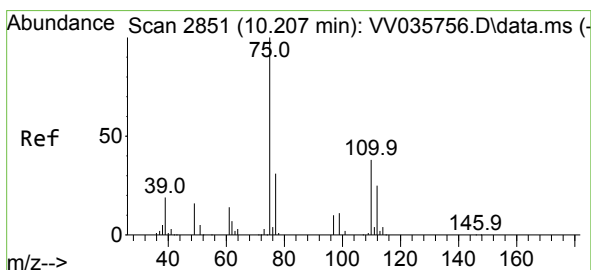
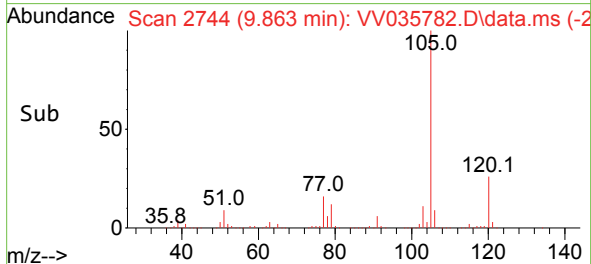
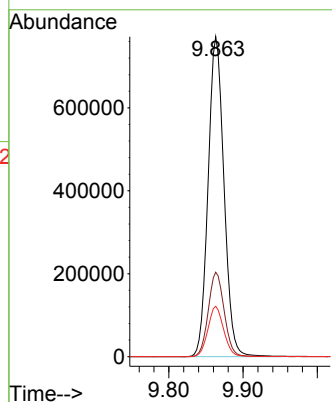
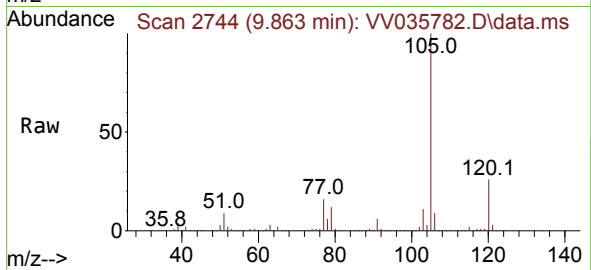
Tgt Ion:105 Resp: 1141281

Ion Ratio Lower Upper

105 100

120 26.5 21.3 31.9

77 15.6 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 29.037 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. -0.000 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

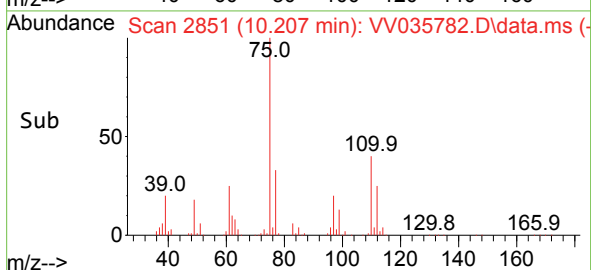
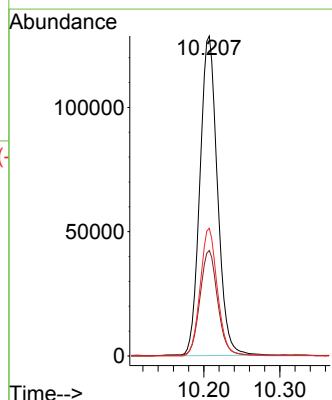
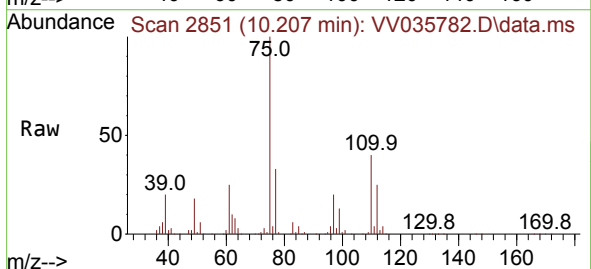
Tgt Ion: 75 Resp: 206031

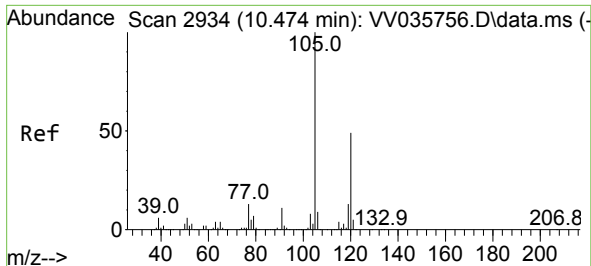
Ion Ratio Lower Upper

75 100

77 32.7 25.7 38.5

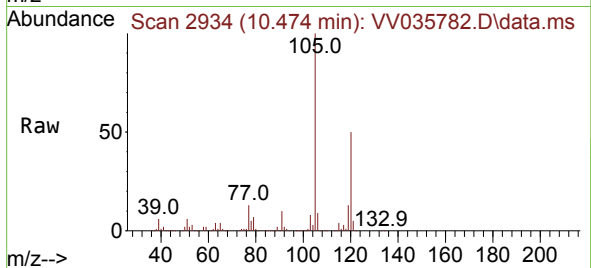
110 39.5 31.8 47.8



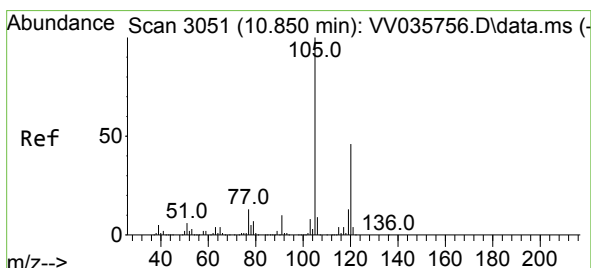
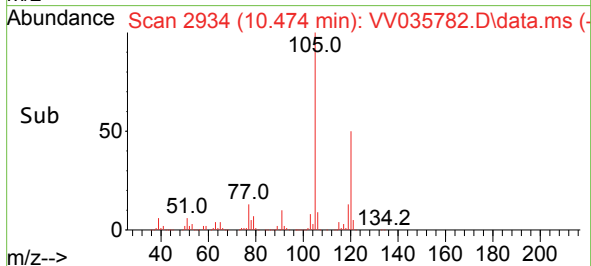
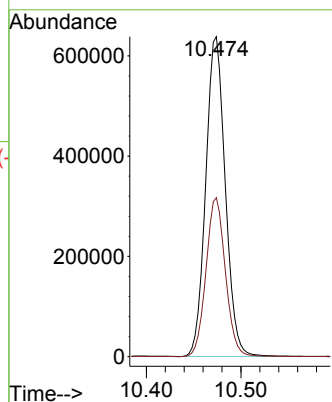


#62
 1,3,5-Trimethylbenzene
 Concen: 28.969 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. -0.000 min
 Lab File: VV035782.D
 Acq: 25 May 2024 09:10

Instrument :
 MSVOA_V
 ClientSampleId :

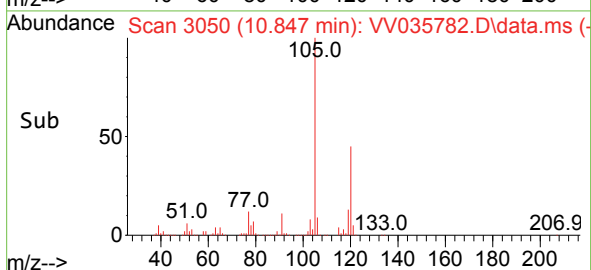
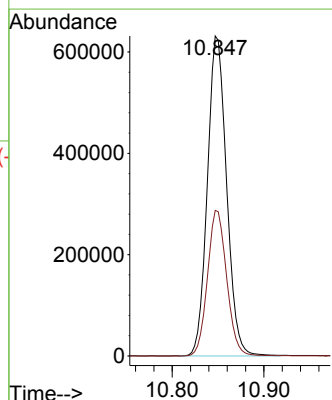
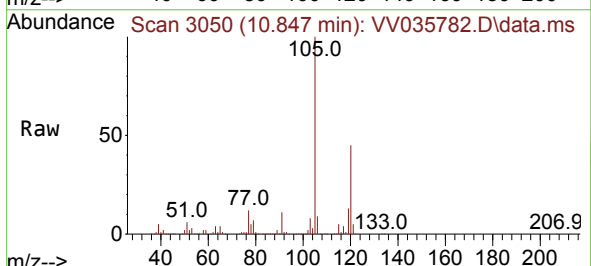


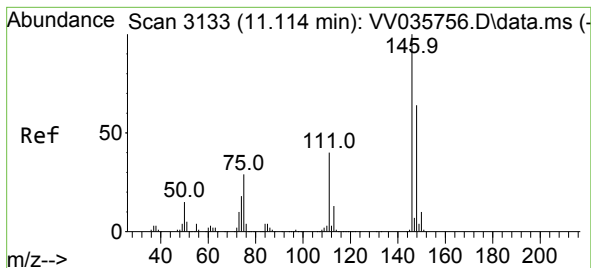
Tgt Ion:105 Resp: 916622
 Ion Ratio Lower Upper
 105 100
 120 49.3 39.4 59.0



#63
 1,2,4-Trimethylbenzene
 Concen: 28.257 ug/L
 RT: 10.847 min Scan# 3050
 Delta R.T. -0.003 min
 Lab File: VV035782.D
 Acq: 25 May 2024 09:10

Tgt Ion:105 Resp: 918803
 Ion Ratio Lower Upper
 105 100
 120 45.5 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 26.915 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

Instrument :

MSVOA_V

ClientSampleId :

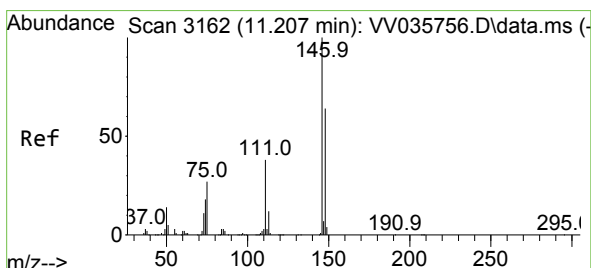
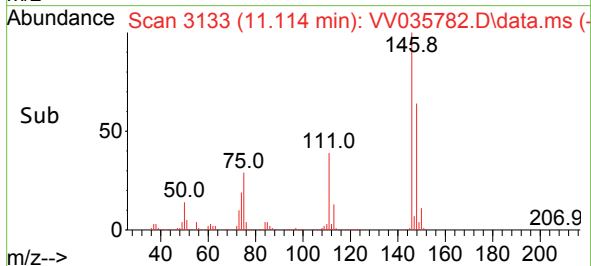
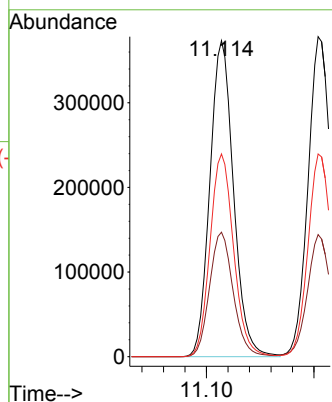
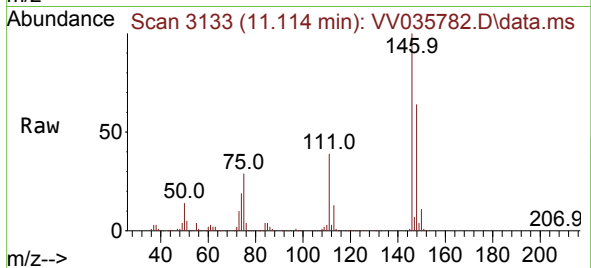
Tgt Ion:146 Resp: 569731

Ion Ratio Lower Upper

146 100

111 39.4 27.0 50.2

148 64.1 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 26.921 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.003 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

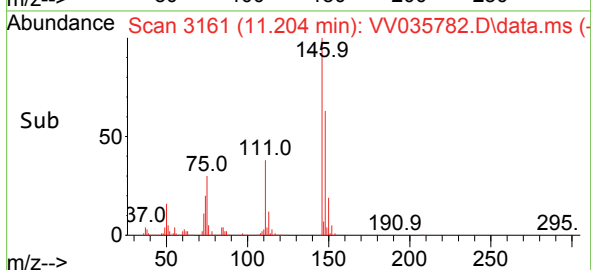
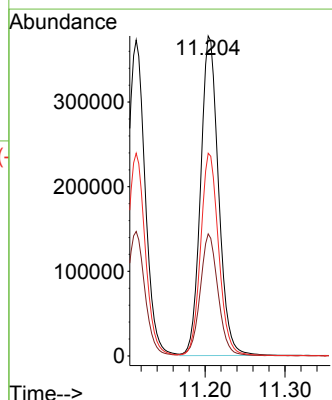
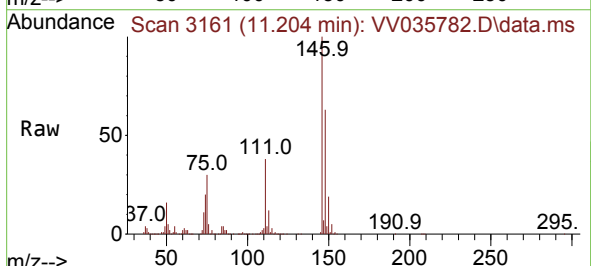
Tgt Ion:146 Resp: 589941

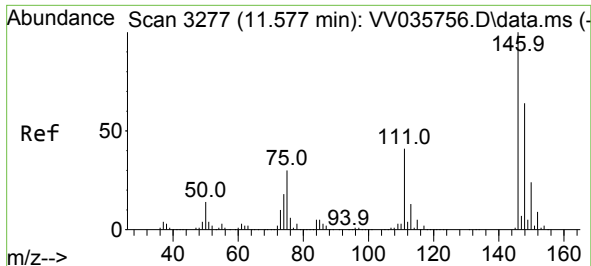
Ion Ratio Lower Upper

146 100

111 38.1 26.2 48.6

148 63.3 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 27.049 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

Instrument :

MSVOA_V

ClientSampleId :

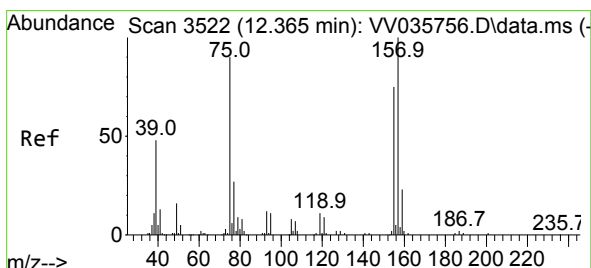
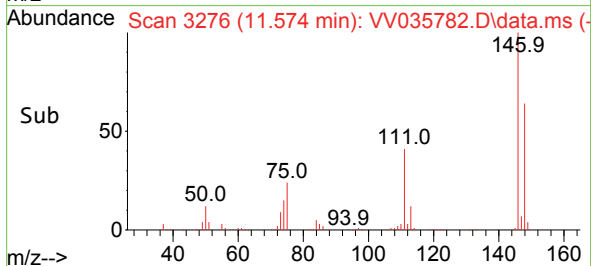
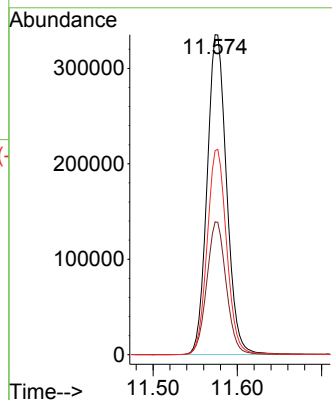
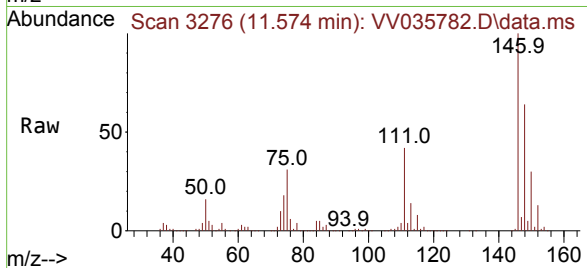
Tgt Ion:146 Resp: 538959

Ion Ratio Lower Upper

146 100

111 41.5 32.6 48.8

148 63.8 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 28.011 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.003 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

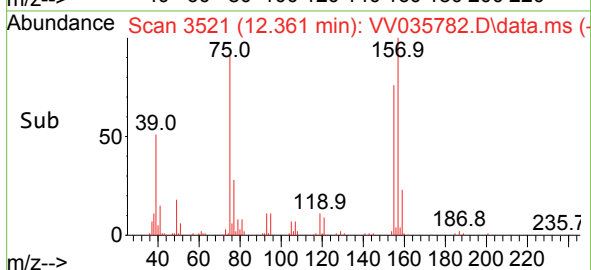
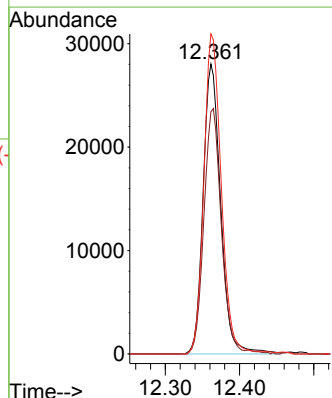
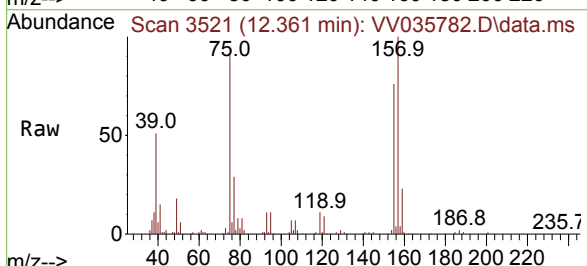
Tgt Ion: 75 Resp: 46095

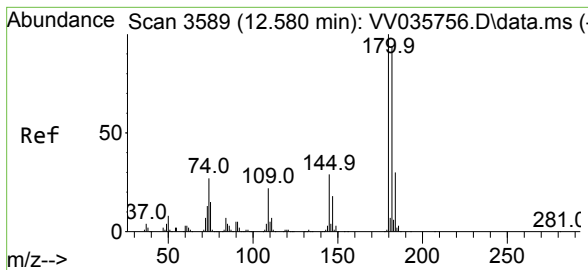
Ion Ratio Lower Upper

75 100

155 83.5 69.8 104.6

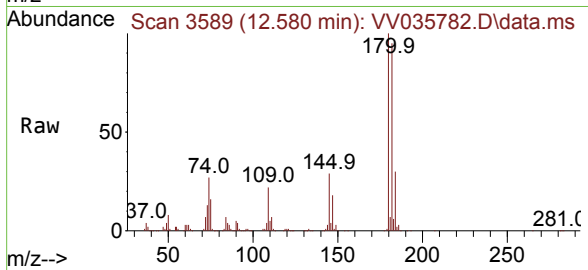
157 110.4 95.0 142.6



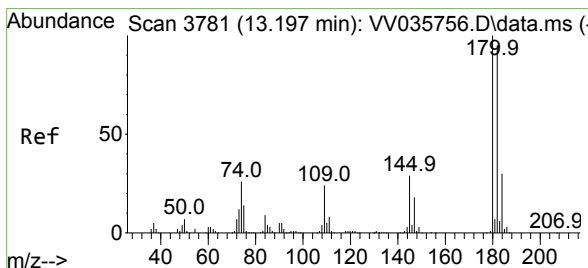
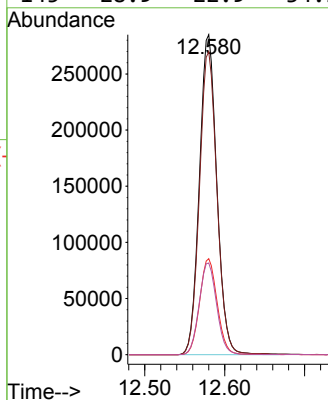
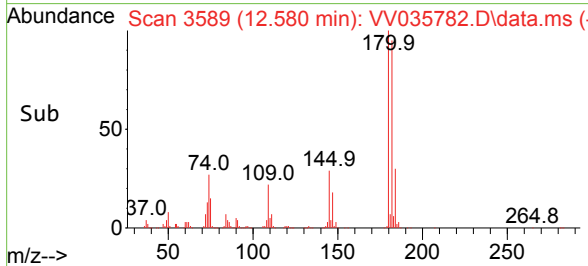


#69
 1,3,5-Trichlorobenzene
 Concen: 26.173 ug/L
 RT: 12.580 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV035782.D
 Acq: 25 May 2024 09:10

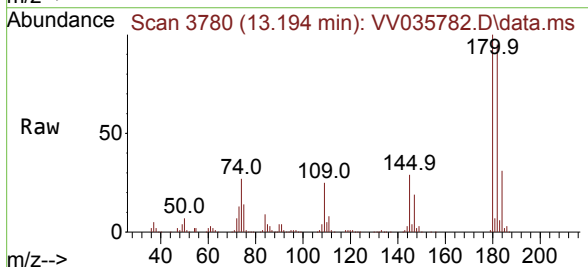
Instrument :
 MSVOA_V
 ClientSampleId :



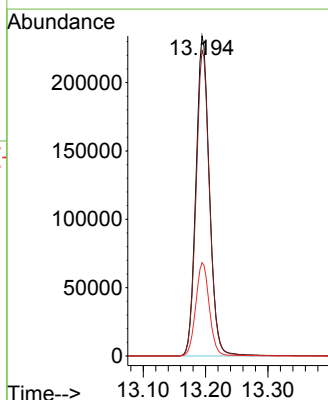
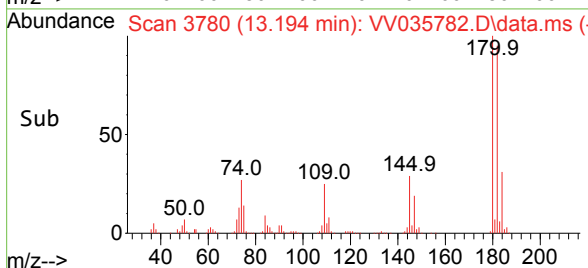
Tgt Ion:180 Resp: 432937
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.2 114.2
 184 30.2 24.1 36.1
 145 28.9 22.9 34.3

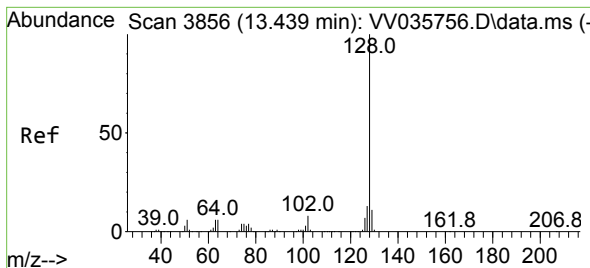


#70
 1,2,4-trichlorobenzene
 Concen: 25.468 ug/L
 RT: 13.194 min Scan# 3780
 Delta R.T. -0.003 min
 Lab File: VV035782.D
 Acq: 25 May 2024 09:10



Tgt Ion:180 Resp: 351770
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.6 114.8
 145 29.1 23.2 34.8





#71

Naphthalene

Concen: 24.022 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.003 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

Instrument :

MSVOA_V

ClientSampleId :

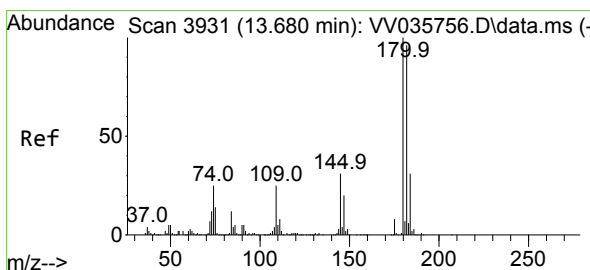
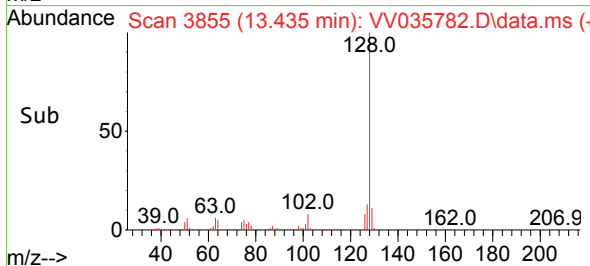
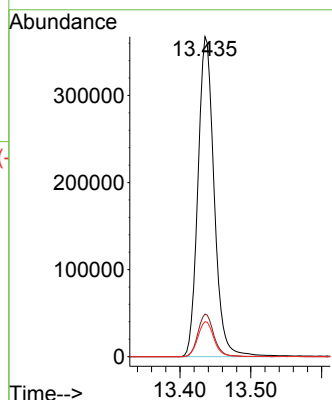
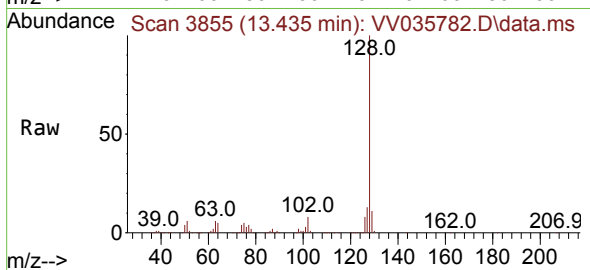
Tgt Ion:128 Resp: 582499

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 26.257 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.003 min

Lab File: VV035782.D

Acq: 25 May 2024 09:10

Tgt Ion:180 Resp: 326254

Ion Ratio Lower Upper

180 100

182 95.7 75.8 113.6

145 30.6 25.2 37.8

