

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052424\
 Data File : VW035780.D
 Acq On : 25 May 2024 03:59
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 25 05:09:32 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		5.532	114	460467	25.000	ug/L	0.00
28) Chlorobenzene-d5		8.783	117	486871	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.181	152	259952	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.272	65	205014	28.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.240%	
7) Chloroethane-d5		1.526	69	163032	28.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.560%	
11) 1,1-Dichloroethene-d2		2.053	65	85707	27.201	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	108.800%	
21) 2-Butanone-d5		3.847	46	29020	14.368	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	28.740%	
24) Chloroform-d		4.243	84	367134	26.819	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.280%	
26) 1,2-Dichloroethane-d4		4.937	65	182398	26.952	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.800%	
32) Benzene-d6		4.953	84	711354	26.691	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.760%	
36) 1,2-Dichloropropane-d6		5.986	67	209747	25.502	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.000%	
41) Toluene-d8		7.240	98	650327	27.417	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.680%	
43) trans-1,3-Dichloroprop...		7.551	79	82384	23.421	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.680%	
47) 2-Hexanone-d5		8.030	63	47787	32.312	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.620%	
56) 1,1,2,2-Tetrachloroeth...		10.149	84	164353	20.737	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.960%	
66) 1,2-Dichlorobenzene-d4		11.558	152	220414	24.432	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.720%	
Target Compounds							Qvalue
2) Dichlorodifluoromethane		1.101	85	184997	19.761	ug/L	100
3) Chloromethane		1.211	50	188010	20.003	ug/L	99
5) Vinyl chloride		1.275	62	209122	21.536	ug/L	100
6) Bromomethane		1.481	94	137795	22.411	ug/L	100
8) Chloroethane		1.545	64	144365	24.117	ug/L	99
9) Trichlorofluoromethane		1.706	101	295866	23.343	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...		2.063	101	210699	26.347	ug/L	99
12) 1,1-Dichloroethene		2.063	96	185137	25.631	ug/L	90
13) Acetone		2.388	43	72804	24.624	ug/L	70
14) Carbon disulfide		2.233	76	428533	18.731	ug/L	99
15) Methyl Acetate		2.388	43	82472	18.411	ug/L #	90
16) Methylene chloride		2.442	84	244436	23.020	ug/L	98
17) trans-1,2-Dichloroethene		2.690	96	189451	23.626	ug/L	97
18) Methyl tert-butyl Ether		2.703	73	500585	25.879	ug/L	99
19) 1,1-Dichloroethane		3.105	63	407291	27.093	ug/L	99
20) cis-1,2-Dichloroethene		3.809	96	212833	24.483	ug/L	99
22) 2-Butanone		3.915	43	63127	22.991	ug/L #	72
23) Bromochloromethane		4.143	128	112339	26.719	ug/L	98
25) Chloroform		4.269	83	443338	28.559	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052424\
 Data File : VW035780.D
 Acq On : 25 May 2024 03:59
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 51 Sample Multiplier: 1

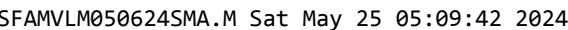
Instrument :
 MSVOA_V
 ClientSampleId :

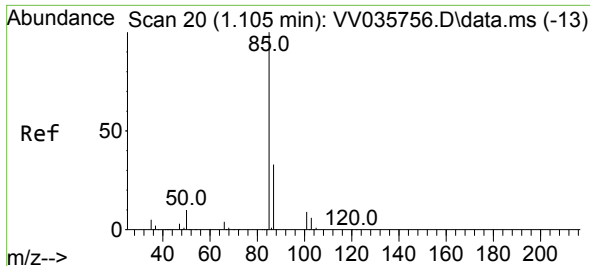
Quant Time: May 25 05:09:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 25 02:41:55 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	263938	27.304	ug/L	99
29) Cyclohexane	4.577	56	227033	19.500	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	350492	25.963	ug/L	100
31) Carbon tetrachloride	4.728	117	297249	25.096	ug/L	100
33) Benzene	5.005	78	844127	26.197	ug/L	100
34) Trichloroethene	5.828	95	235344	25.820	ug/L	97
35) Methylcyclohexane	6.047	83	281134	20.316	ug/L	98
37) 1,2-Dichloropropane	6.088	63	240346	28.589	ug/L	99
38) Bromodichloromethane	6.429	83	320211	28.116	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	311576	23.695	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	240839	47.834	ug/L	96
42) Toluene	7.313	91	916612	26.880	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	284713	24.752	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	198930	27.849	ug/L	99
46) Tetrachloroethene	7.902	164	169196	22.849	ug/L	99
48) 2-Hexanone	8.079	43	153050	40.542	ug/L	97
49) Dibromochloromethane	8.172	129	226204	28.064	ug/L	100
50) 1,2-Dibromoethane	8.281	107	184023	26.150	ug/L	99
51) Chlorobenzene	8.812	112	612222	25.874	ug/L	99
52) Ethylbenzene	8.944	91	971530	25.804	ug/L	100
53) m,p-Xylene	9.069	106	375592	26.294	ug/L	100
54) o-Xylene	9.477	106	362410	26.769	ug/L	100
55) Styrene	9.493	104	690701	29.250	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	197049	22.646	ug/L	99
59) Bromoform	9.664	173	146264	28.631	ug/L	100
60) Isopropylbenzene	9.866	105	984271	28.425	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	168825	27.715	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	787441	28.988	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	802791	28.759	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	503456	27.704	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	515152	27.383	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	477668	27.924	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	33686	23.844	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	317231	22.339	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	235598	19.868	ug/L	99
71) Naphthalene	13.439	128	394728	18.962	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	240747	22.569	ug/L	99

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

Quant Time: May 25 05:09:32 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

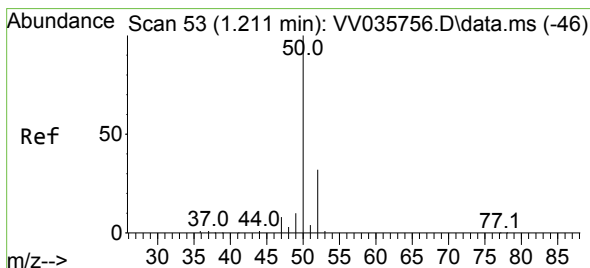
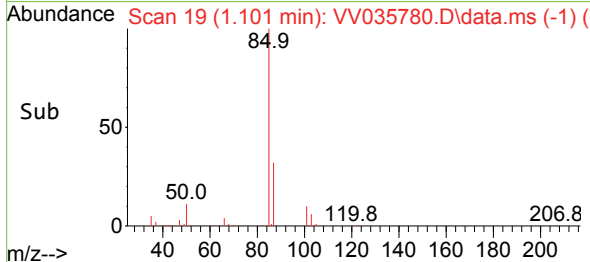
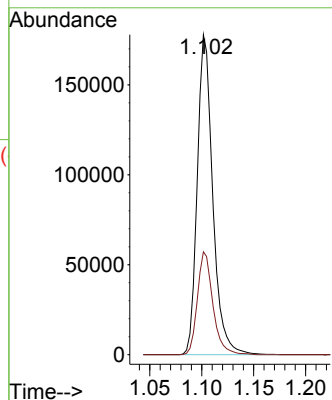
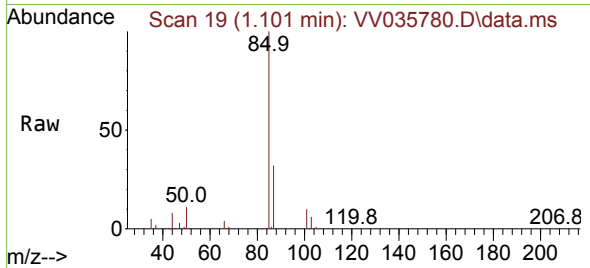




#2
 Dichlorodifluoromethane
 Concen: 19.761 ug/L
 RT: 1.101 min Scan# 19
 Delta R.T. -0.003 min
 Lab File: VV035780.D
 Acq: 25 May 2024 03:59

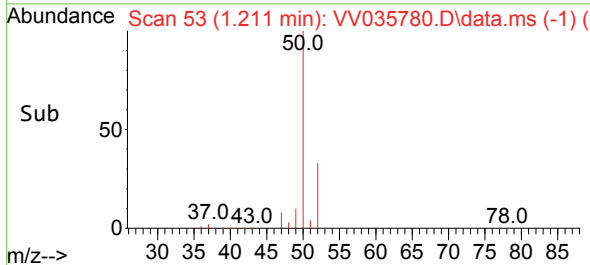
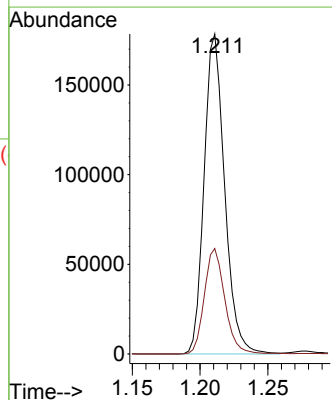
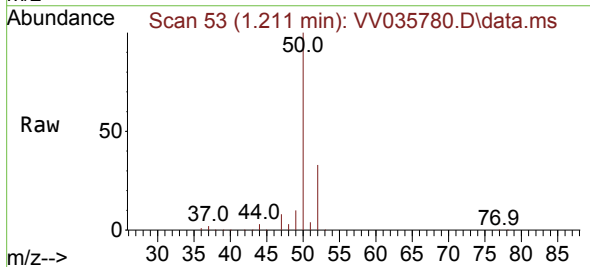
Instrument :
 MSVOA_V
 ClientSampleId :

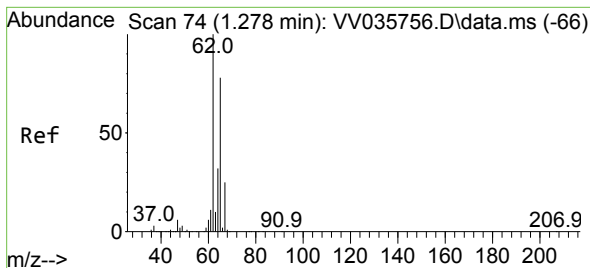
Tgt Ion: 85 Resp: 184997
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.6



#3
 Chloromethane
 Concen: 20.003 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV035780.D
 Acq: 25 May 2024 03:59

Tgt Ion: 50 Resp: 188010
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.7 42.1





#5

Vinyl chloride

Concen: 21.536 ug/L

RT: 1.275 min Scan# 71

Delta R.T. -0.003 min

Lab File: VV035780.D

Acq: 25 May 2024 03:59

Instrument :

MSVOA_V

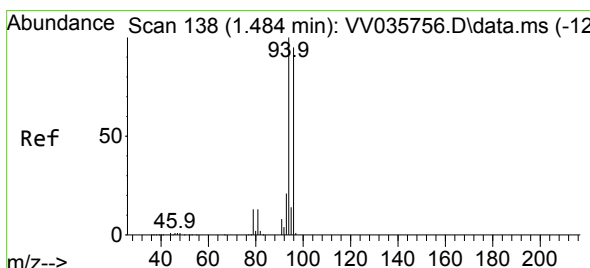
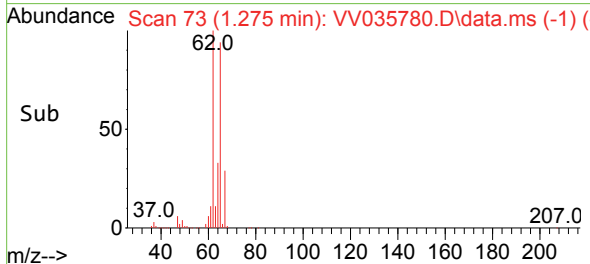
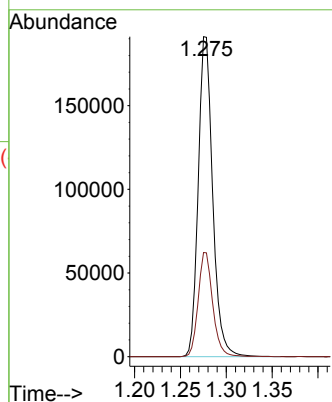
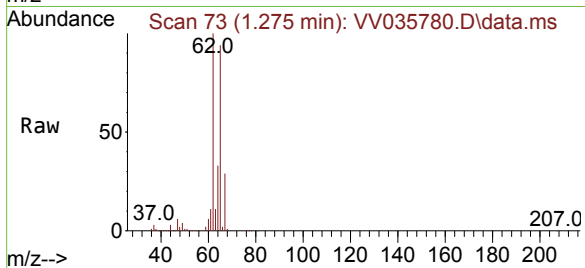
ClientSampleId :

Tgt Ion: 62 Resp: 209122

Ion Ratio Lower Upper

62 100

64 32.6 23.0 42.6



#6

Bromomethane

Concen: 22.411 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.003 min

Lab File: VV035780.D

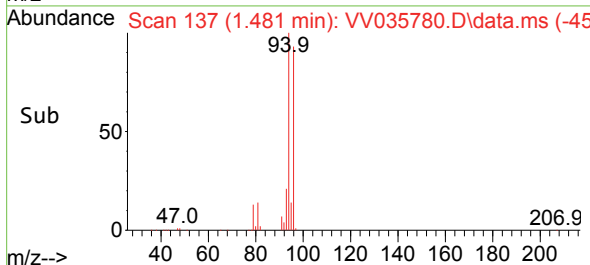
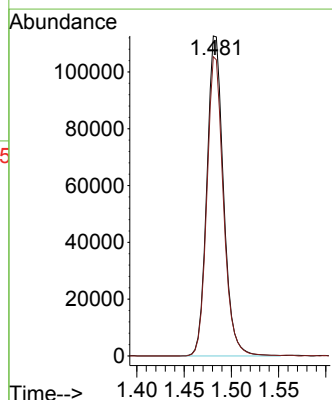
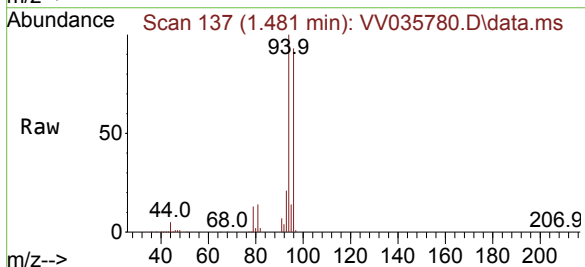
Acq: 25 May 2024 03:59

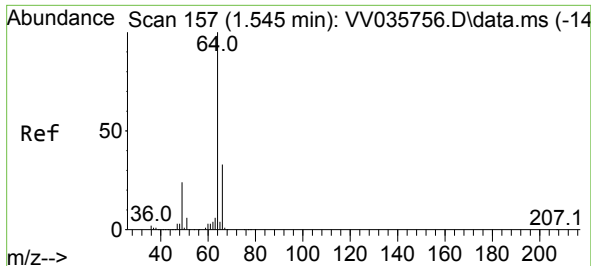
Tgt Ion: 94 Resp: 137795

Ion Ratio Lower Upper

94 100

96 93.5 65.2 121.0

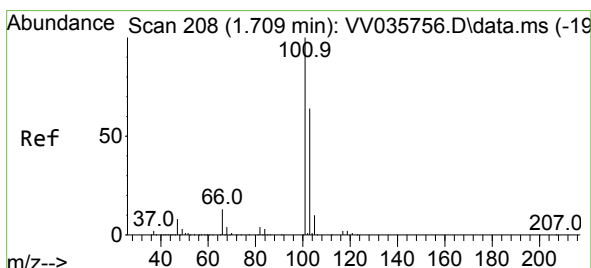
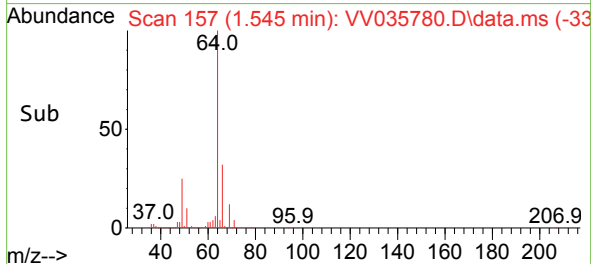
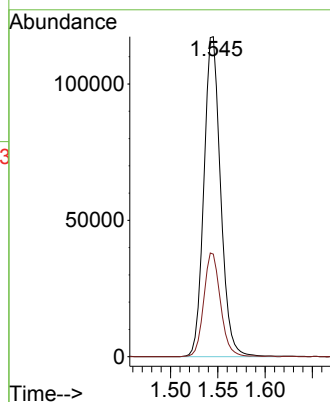
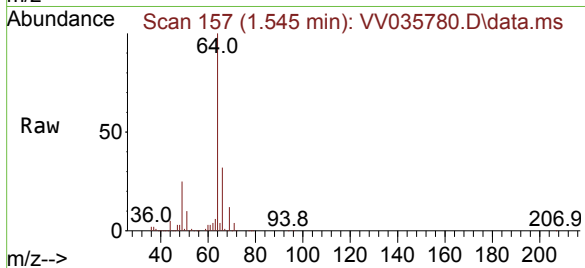




#8
Chloroethane
Concen: 24.117 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

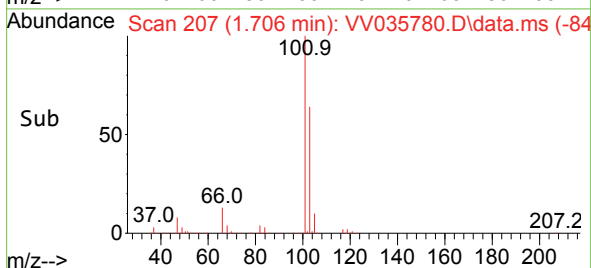
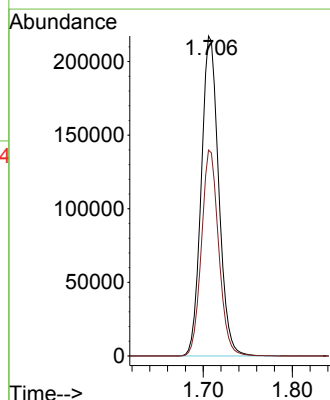
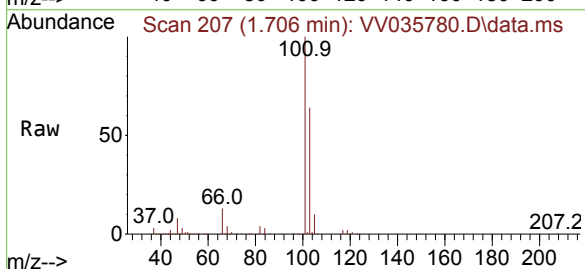
Instrument :
MSVOA_V
ClientSampleId :

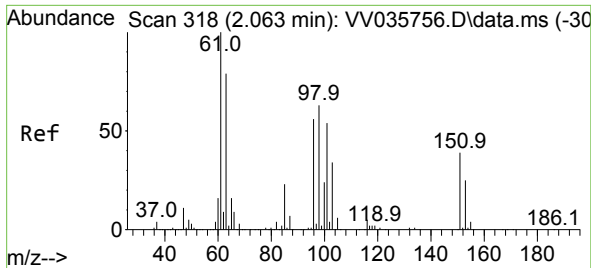
Tgt Ion: 64 Resp: 144365
Ion Ratio Lower Upper
64 100
66 32.0 22.0 40.8



#9
Trichlorofluoromethane
Concen: 23.343 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

Tgt Ion:101 Resp: 295866
Ion Ratio Lower Upper
101 100
103 63.6 51.5 77.3

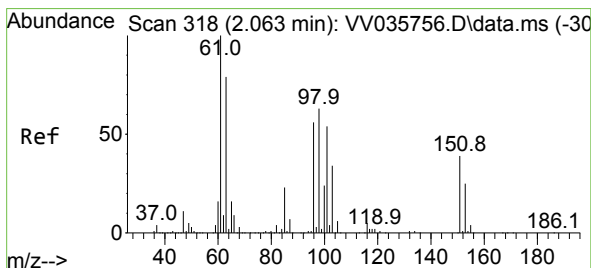
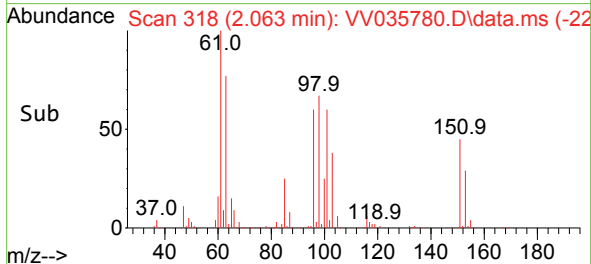
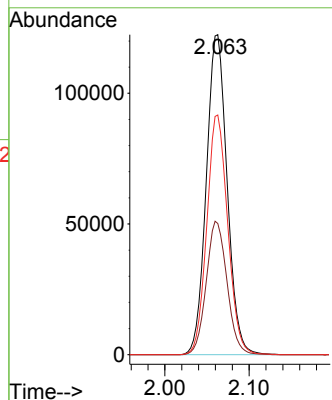
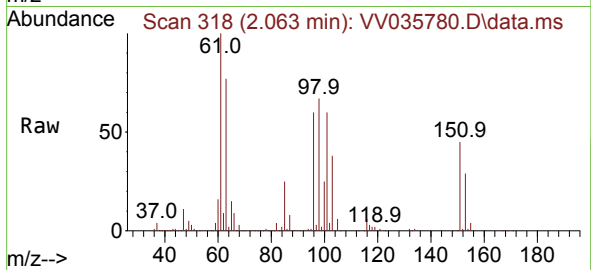




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.347 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

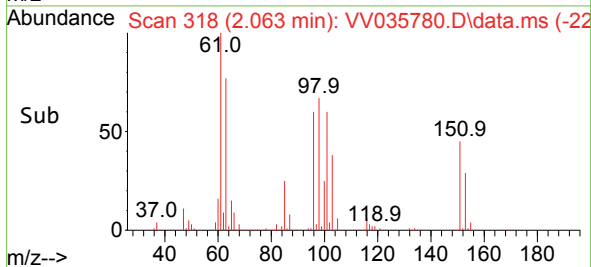
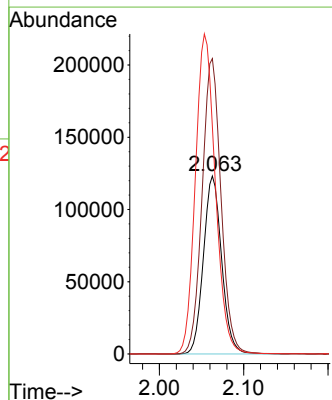
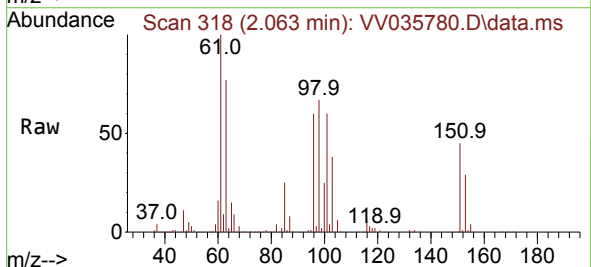
Instrument :
MSVOA_V
ClientSampleId :

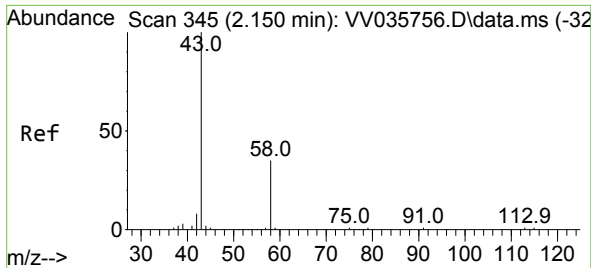
Tgt Ion:101 Resp: 210699
Ion Ratio Lower Upper
101 100
85 41.6 34.2 51.4
151 75.3 59.5 89.3



#12
1,1-Dichloroethene
Concen: 25.631 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

Tgt Ion: 96 Resp: 185137
Ion Ratio Lower Upper
96 100
61 166.0 119.8 222.4
63 127.9 75.6 140.4





#13

Acetone

Concen: 24.624 ug/L

RT: 2.388 min Scan# 419

Delta R.T. 0.238 min

Lab File: VV035780.D

Acq: 25 May 2024 03:59

Instrument :

MSVOA_V

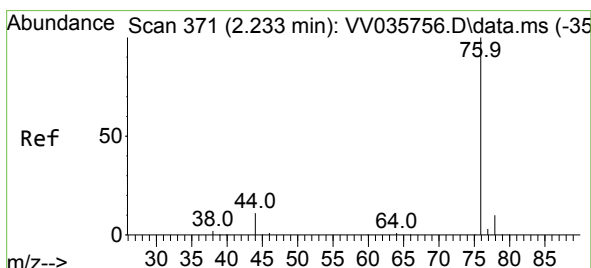
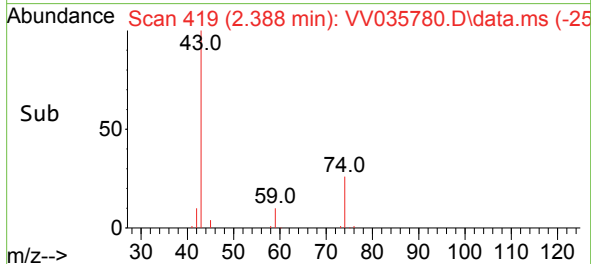
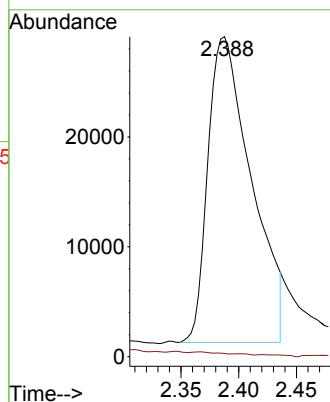
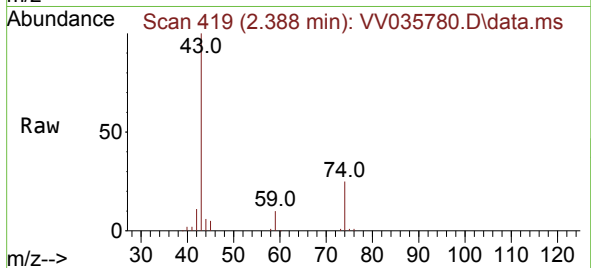
ClientSampleId :

Tgt Ion: 43 Resp: 72804

Ion Ratio Lower Upper

43 100

58 0.0 0.0 22.8



#14

Carbon disulfide

Concen: 18.731 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV035780.D

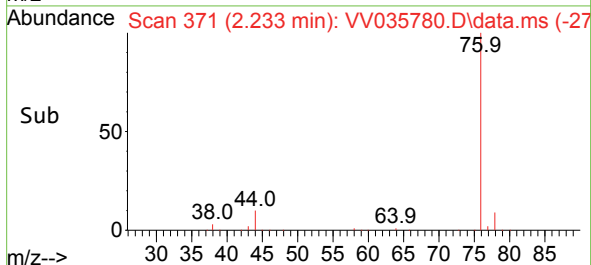
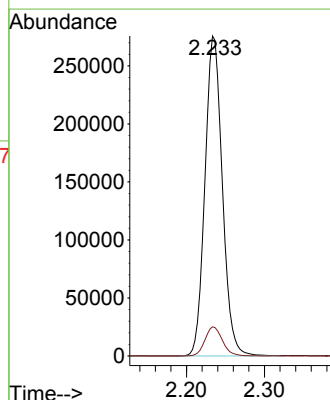
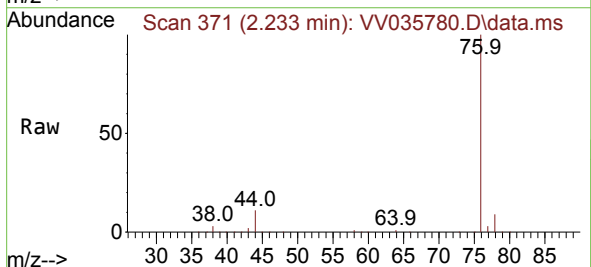
Acq: 25 May 2024 03:59

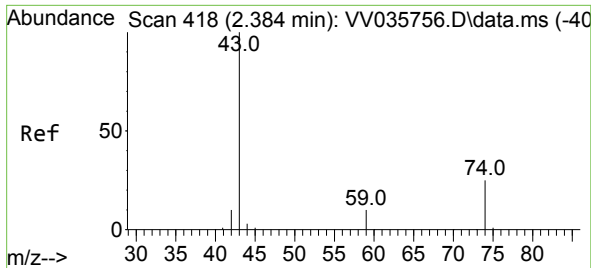
Tgt Ion: 76 Resp: 428533

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

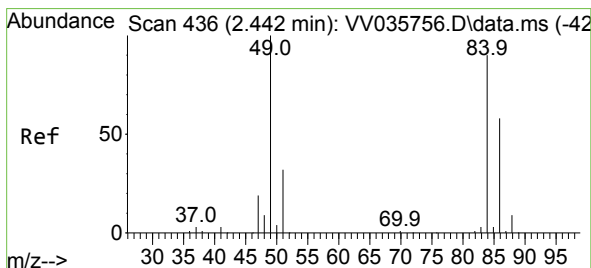
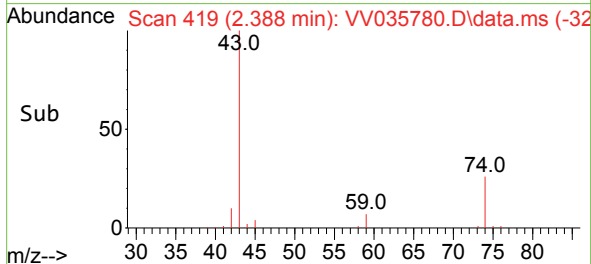
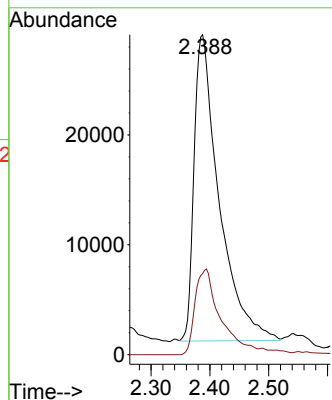
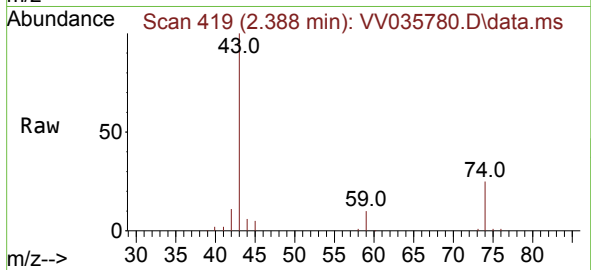




#15
Methyl Acetate
Concen: 18.411 ug/L
RT: 2.388 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

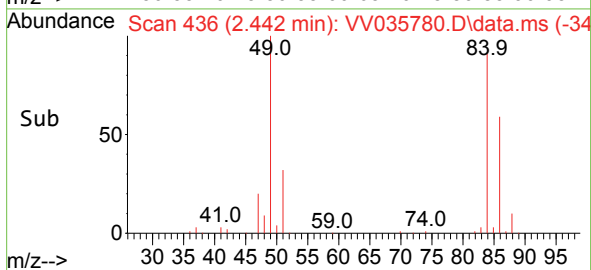
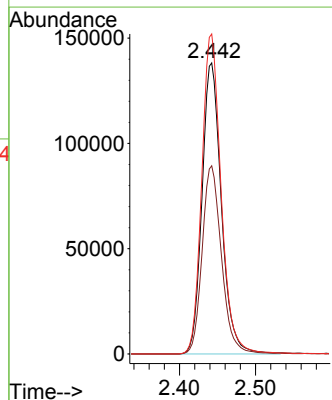
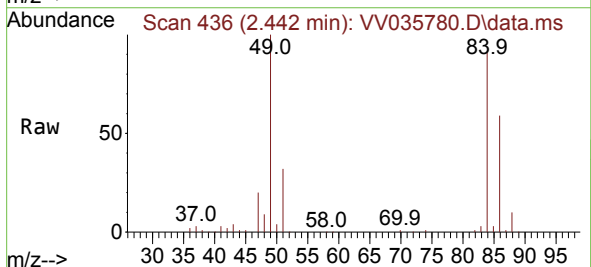
Instrument :
MSVOA_V
ClientSampleId :

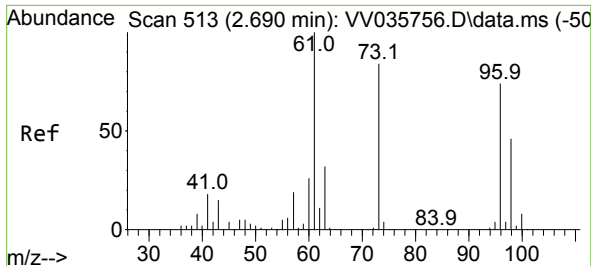
Tgt Ion: 43 Resp: 82472
Ion Ratio Lower Upper
43 100
74 28.2 18.6 27.8#



#16
Methylene chloride
Concen: 23.020 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

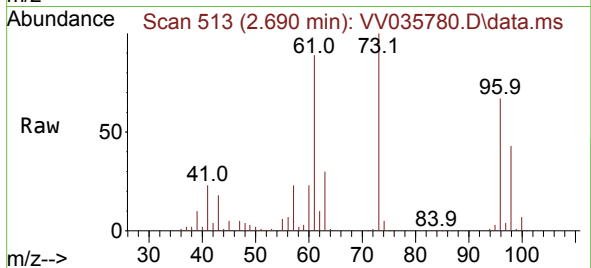
Tgt Ion: 84 Resp: 244436
Ion Ratio Lower Upper
84 100
86 64.6 43.8 81.3
49 110.0 75.3 139.9





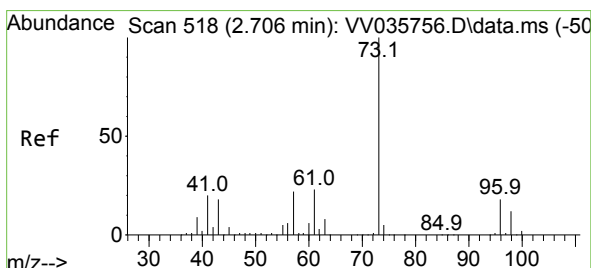
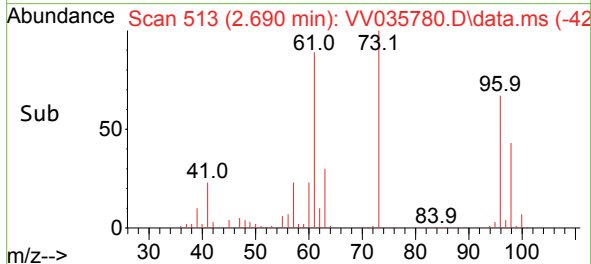
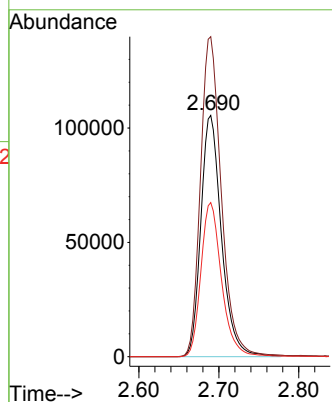
#17
trans-1,2-Dichloroethene
Concen: 23.626 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 189451

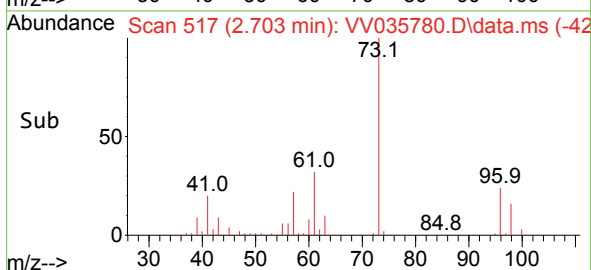
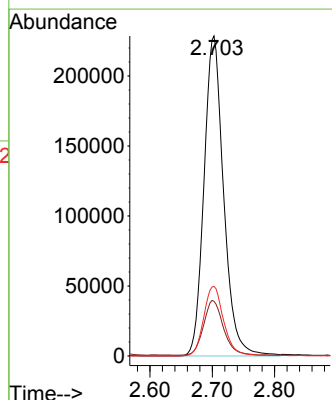
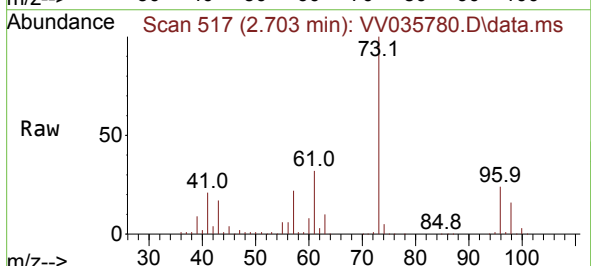
Ion	Ratio	Lower	Upper
96	100		
61	132.6	95.5	177.4
98	63.8	46.0	85.4

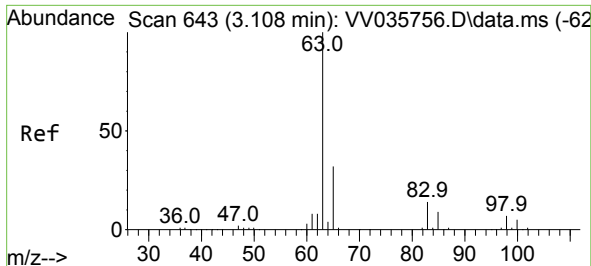


#18
Methyl tert-butyl Ether
Concen: 25.879 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

Tgt Ion: 73 Resp: 500585

Ion	Ratio	Lower	Upper
73	100		
43	17.2	13.3	19.9
57	22.2	17.4	26.2

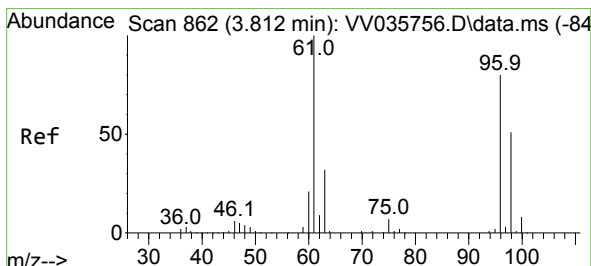
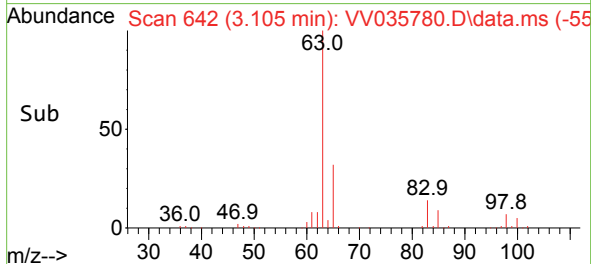
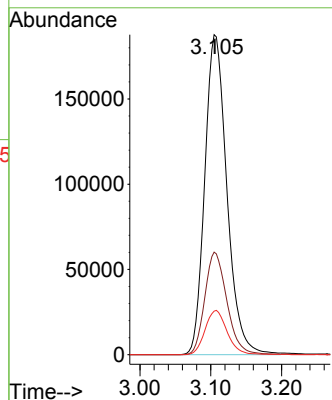
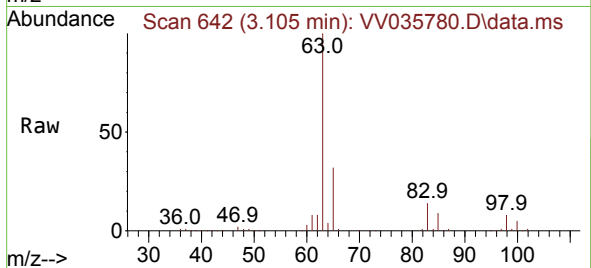




#19
1,1-Dichloroethane
Concen: 27.093 ug/L
RT: 3.105 min Scan# 64
Delta R.T. -0.003 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

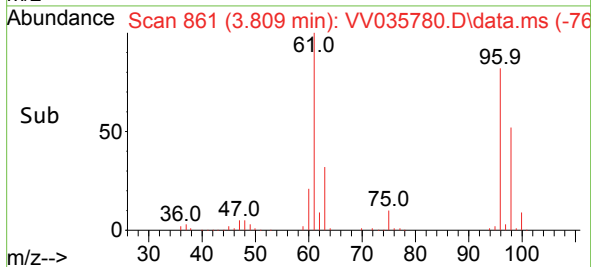
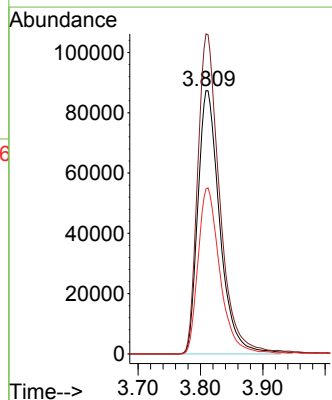
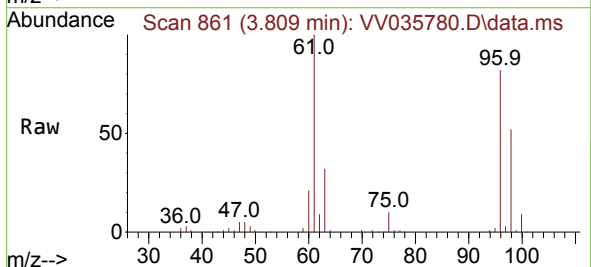
Instrument :
MSVOA_V
ClientSampleId :

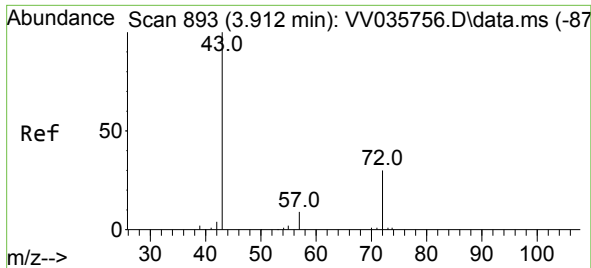
Tgt Ion: 63 Resp: 407291
Ion Ratio Lower Upper
63 100
65 32.1 22.7 42.3
83 13.6 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 24.483 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

Tgt Ion: 96 Resp: 212833
Ion Ratio Lower Upper
96 100
61 121.5 83.9 155.9
98 62.7 44.0 81.8

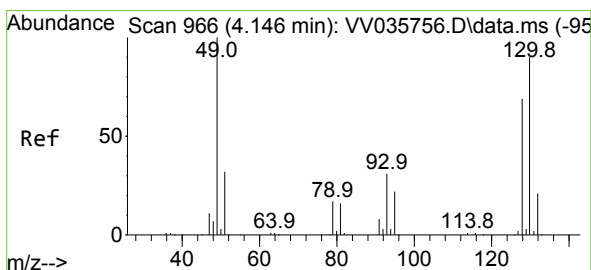
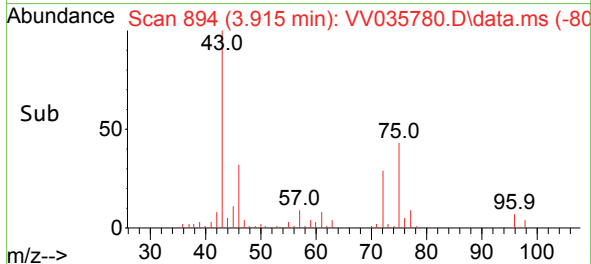
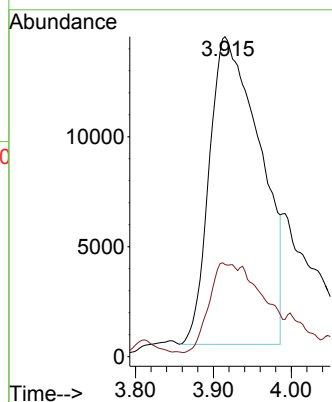
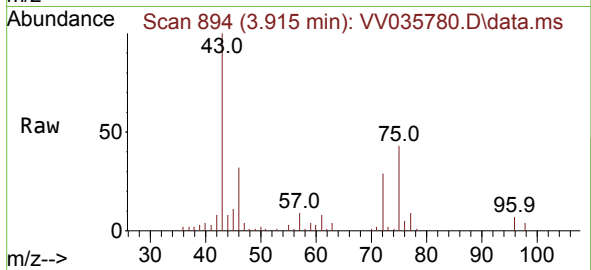




#22
2-Butanone
Concen: 22.991 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

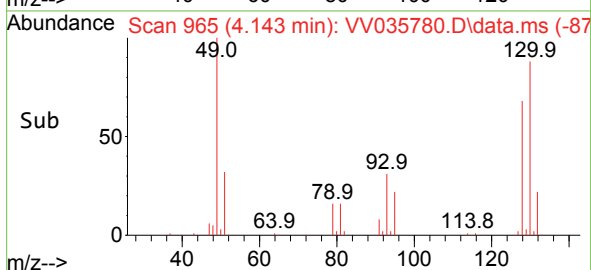
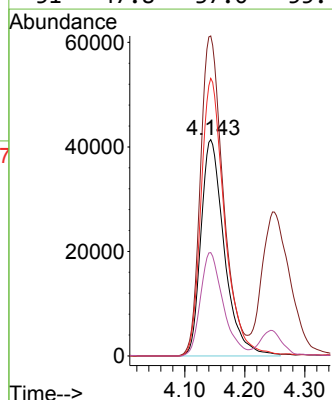
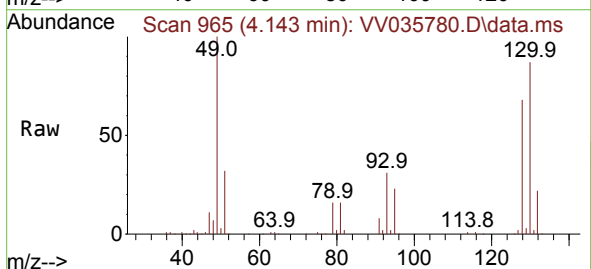
Instrument :
MSVOA_V
ClientSampleId :

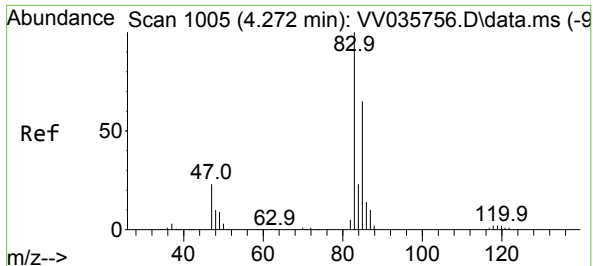
Tgt Ion: 43 Resp: 63127
Ion Ratio Lower Upper
43 100
72 10.9 12.3 36.9#



#23
Bromochloromethane
Concen: 26.719 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.003 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

Tgt Ion:128 Resp: 112339
Ion Ratio Lower Upper
128 100
49 147.9 103.1 191.5
130 128.3 91.8 170.4
51 47.8 37.0 55.4





#25

Chloroform

Concen: 28.559 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. -0.003 min

Lab File: VV035780.D

Acq: 25 May 2024 03:59

Instrument :

MSVOA_V

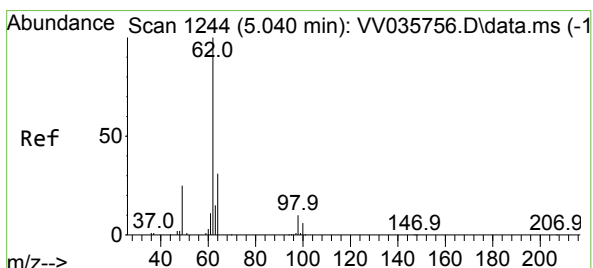
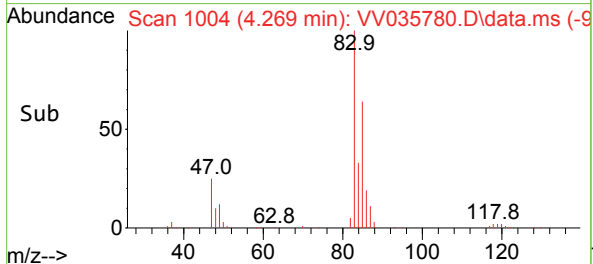
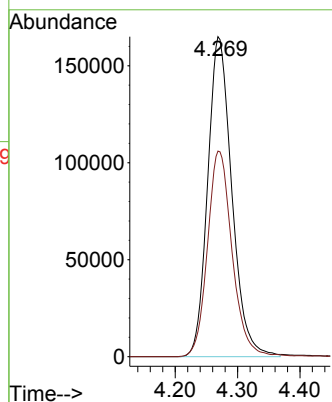
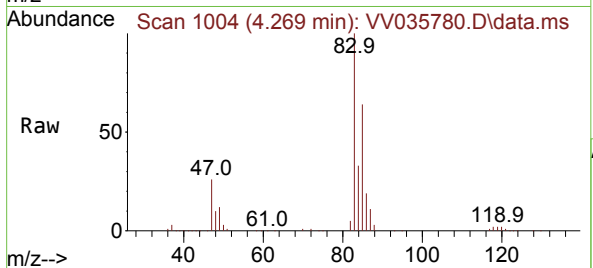
ClientSampleId :

Tgt Ion: 83 Resp: 443338

Ion Ratio Lower Upper

83 100

85 64.3 44.7 82.9



#27

1,2-Dichloroethane

Concen: 27.304 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.003 min

Lab File: VV035780.D

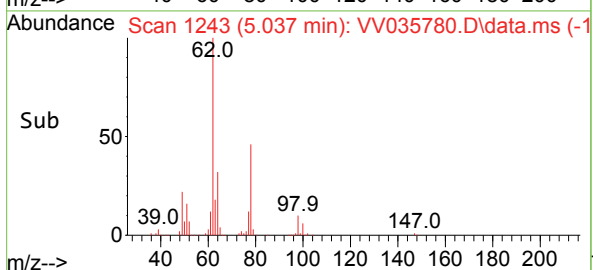
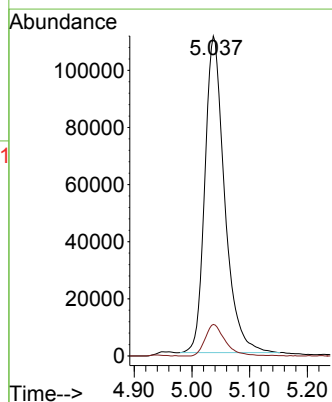
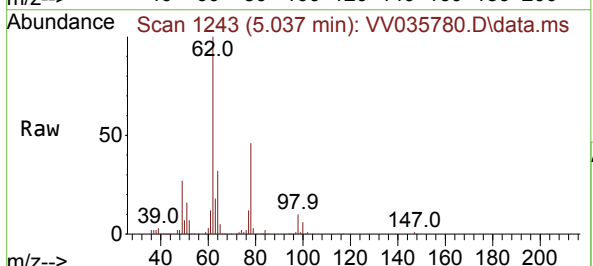
Acq: 25 May 2024 03:59

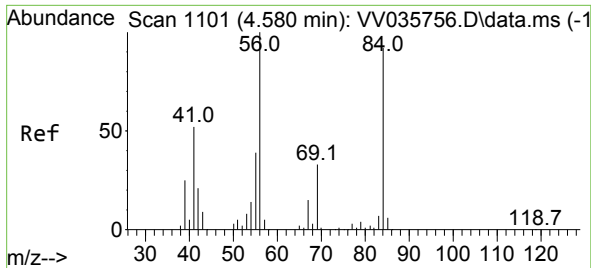
Tgt Ion: 62 Resp: 263938

Ion Ratio Lower Upper

62 100

98 9.8 8.2 12.2





#29

Cyclohexane

Concen: 19.500 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV035780.D

Acq: 25 May 2024 03:59

Instrument :

MSVOA_V

ClientSampleId :

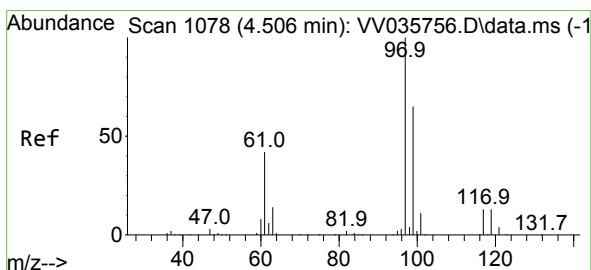
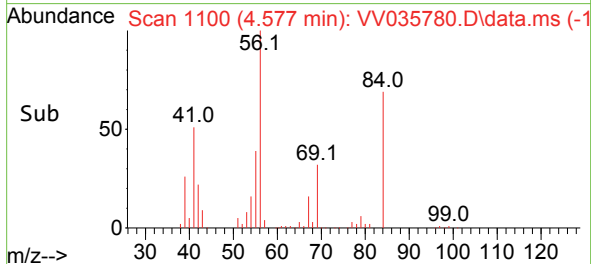
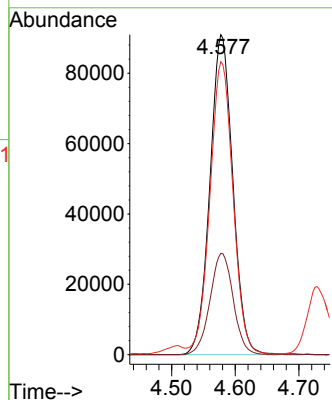
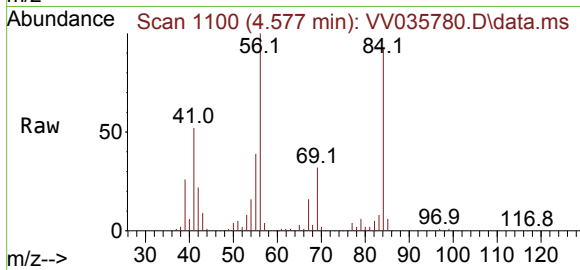
Tgt Ion: 56 Resp: 227033

Ion Ratio Lower Upper

56 100

69 32.2 25.6 38.4

84 91.7 74.8 112.2



#30

1,1,1-Trichloroethane

Concen: 25.963 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV035780.D

Acq: 25 May 2024 03:59

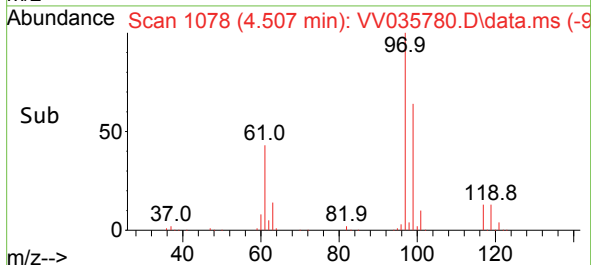
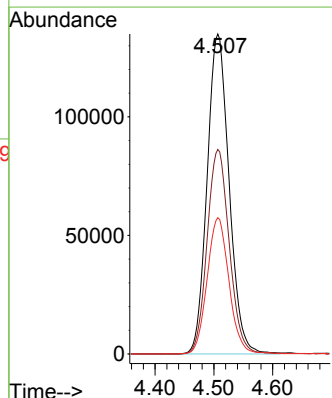
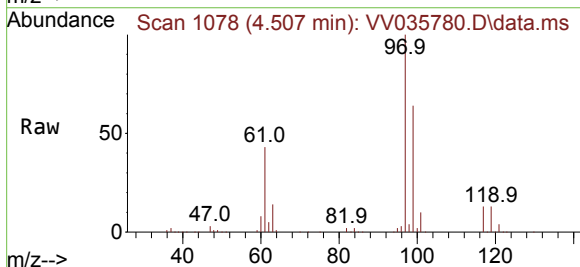
Tgt Ion: 97 Resp: 350492

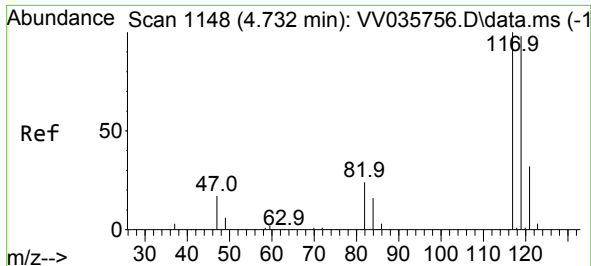
Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

61 42.1 33.5 50.3

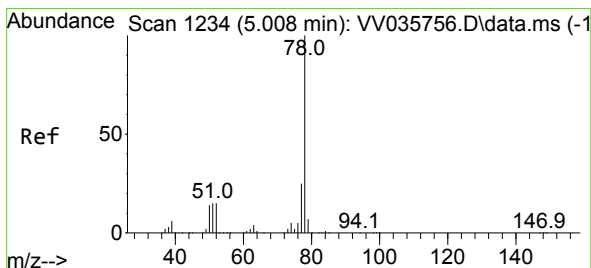
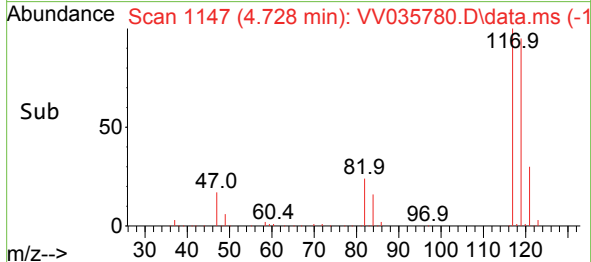
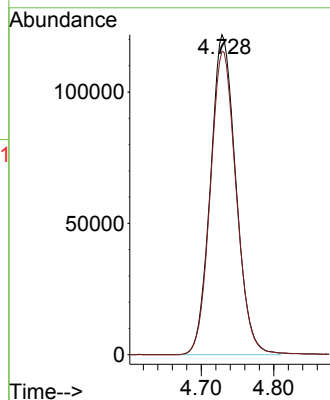
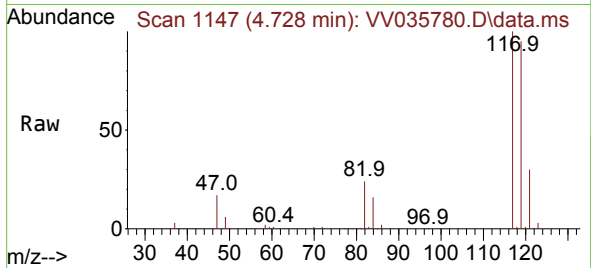




#31
Carbon tetrachloride
Concen: 25.096 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. -0.003 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

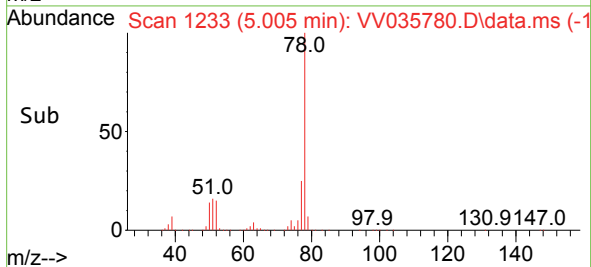
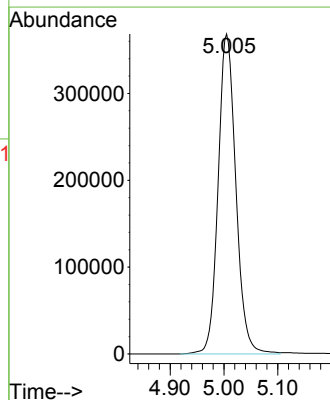
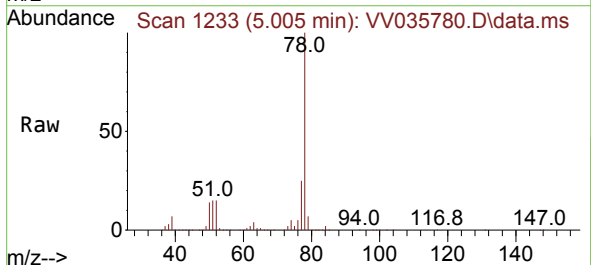
Instrument :
MSVOA_V
ClientSampleId :

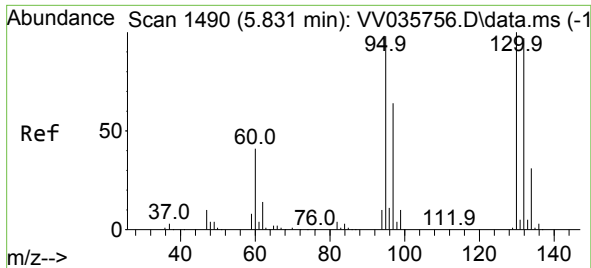
Tgt Ion:117 Resp: 297249
Ion Ratio Lower Upper
117 100
119 96.5 77.3 115.9



#33
Benzene
Concen: 26.197 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.003 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

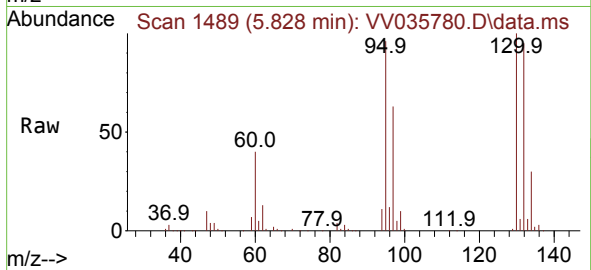
Tgt Ion: 78 Resp: 844127



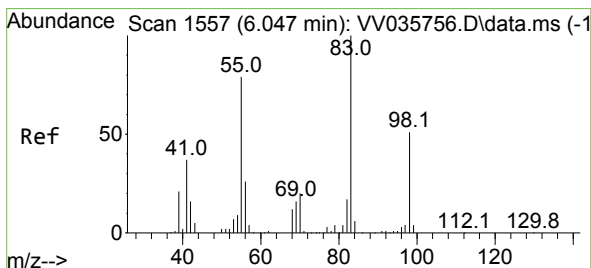
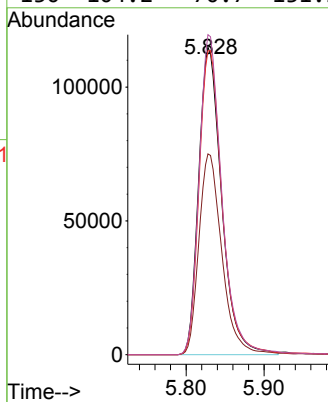
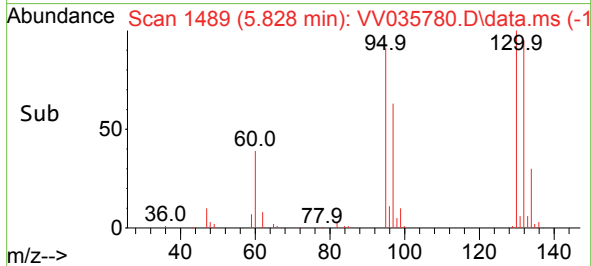


#34
Trichloroethene
Concen: 25.820 ug/L
RT: 5.828 min Scan# 1490
Delta R.T. -0.003 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

Instrument :
MSVOA_V
ClientSampleId :

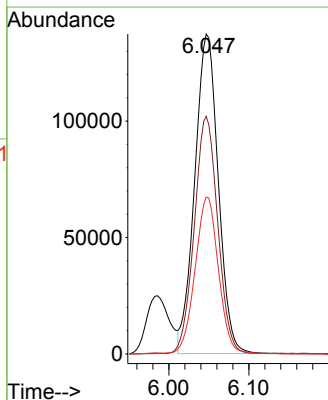
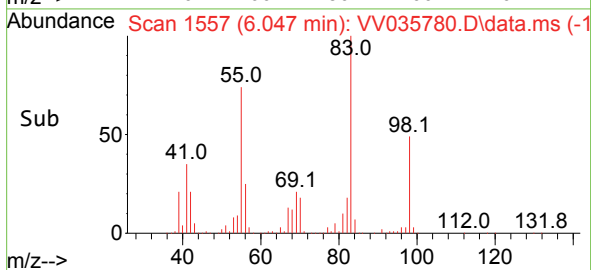
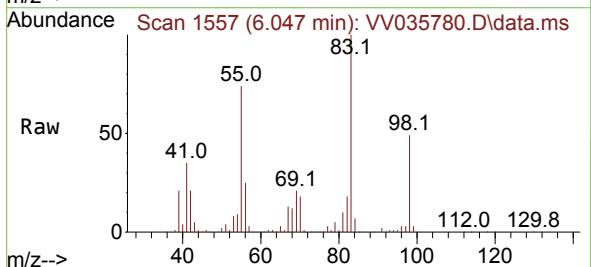


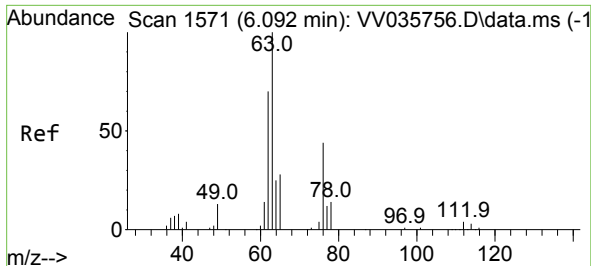
Tgt Ion: 95 Resp: 235344
Ion Ratio Lower Upper
95 100
97 65.4 43.8 81.4
132 98.9 67.1 124.7
130 104.2 70.7 131.3



#35
Methylcyclohexane
Concen: 20.316 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

Tgt Ion: 83 Resp: 281134
Ion Ratio Lower Upper
83 100
55 74.0 57.5 86.3
98 48.6 38.6 58.0





#37

1,2-Dichloropropane

Concen: 28.589 ug/L

RT: 6.088 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV035780.D

Acq: 25 May 2024 03:59

Instrument :

MSVOA_V

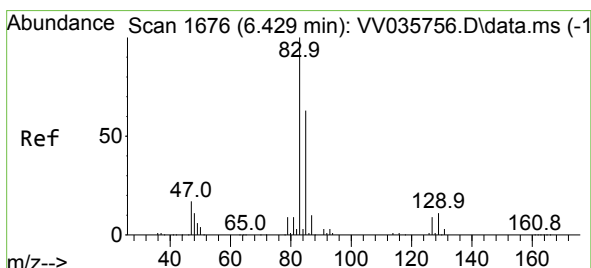
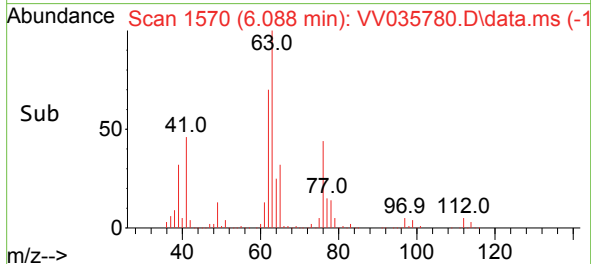
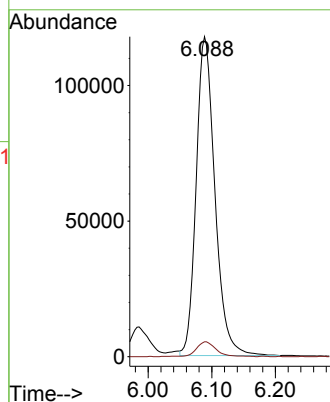
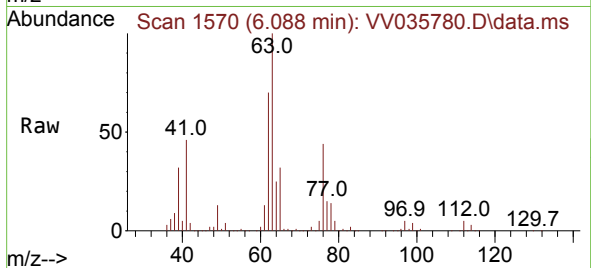
ClientSampleId :

Tgt Ion: 63 Resp: 240346

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.6



#38

Bromodichloromethane

Concen: 28.116 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV035780.D

Acq: 25 May 2024 03:59

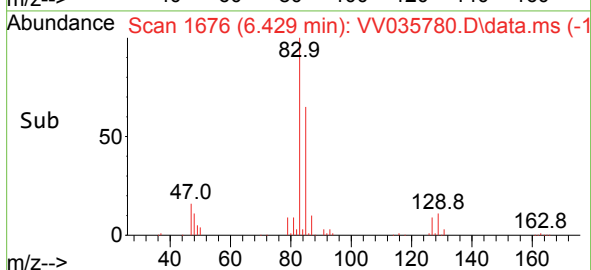
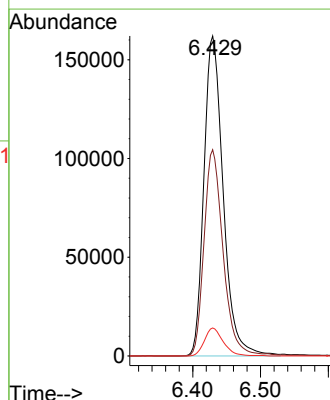
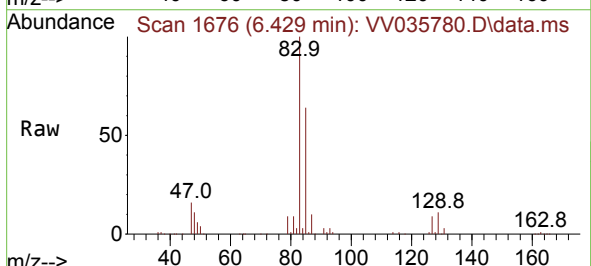
Tgt Ion: 83 Resp: 320211

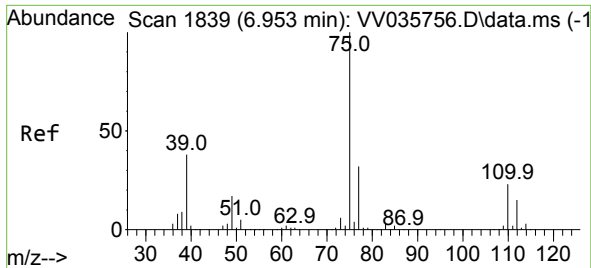
Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.9

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 23.695 ug/L

RT: 6.950 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV035780.D

Acq: 25 May 2024 03:59

Instrument :

MSVOA_V

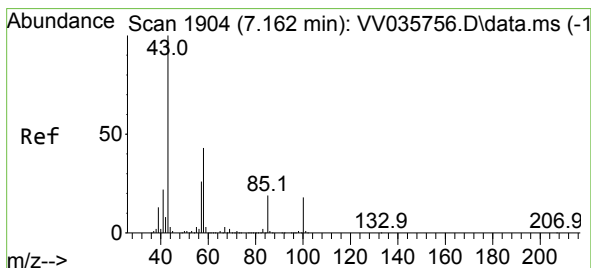
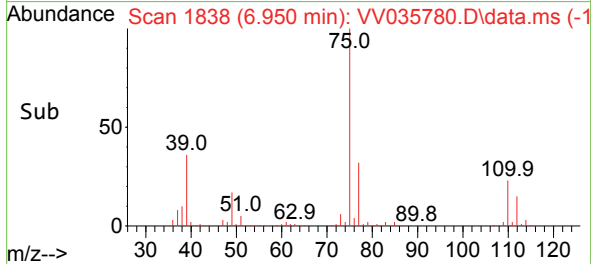
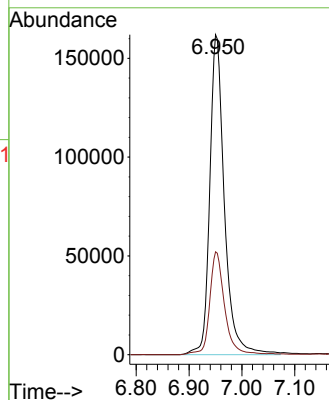
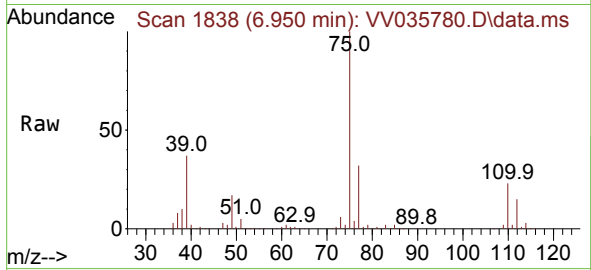
ClientSampleId :

Tgt Ion: 75 Resp: 311576

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 47.834 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VV035780.D

Acq: 25 May 2024 03:59

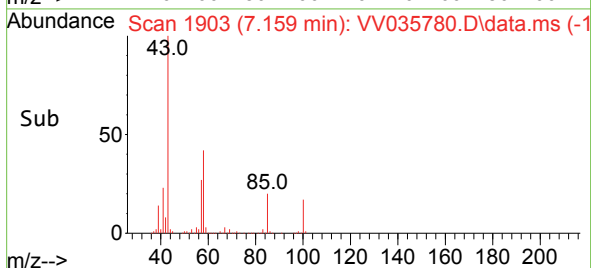
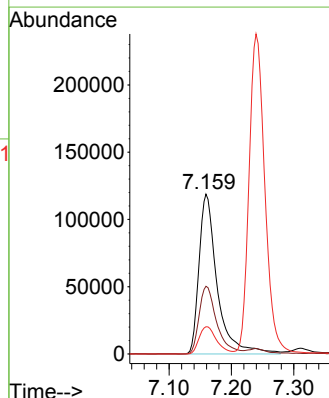
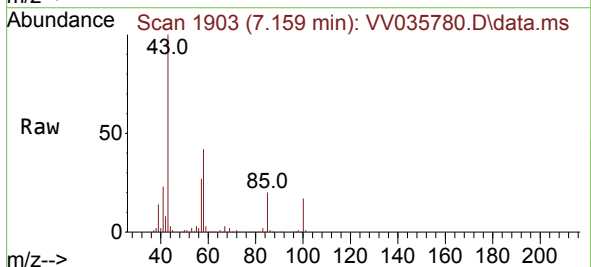
Tgt Ion: 43 Resp: 240839

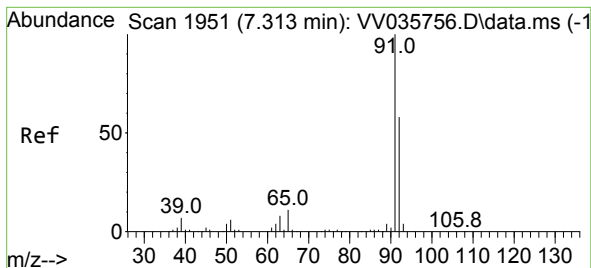
Ion Ratio Lower Upper

43 100

58 40.9 34.8 52.2

100 16.4 13.9 20.9





#42

Toluene

Concen: 26.880 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV035780.D

Acq: 25 May 2024 03:59

Instrument :

MSVOA_V

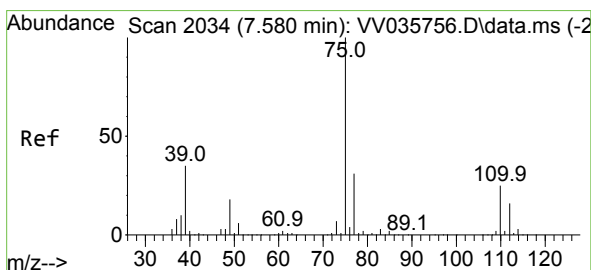
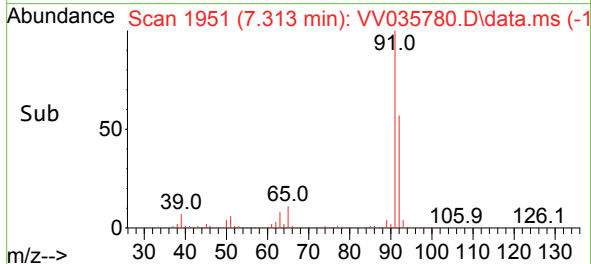
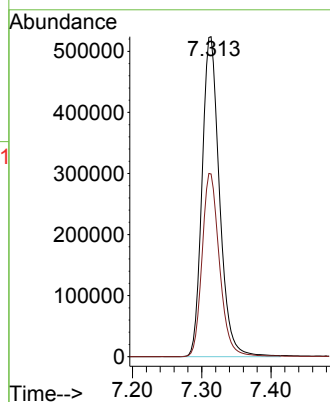
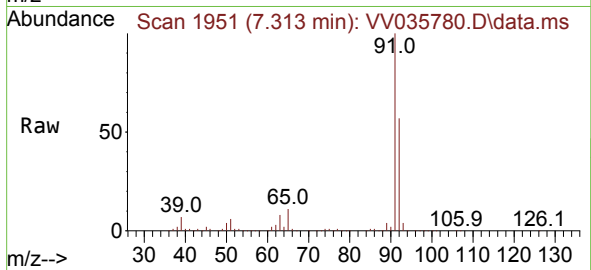
ClientSampleId :

Tgt Ion: 91 Resp: 916612

Ion Ratio Lower Upper

91 100

92 57.1 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 24.752 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VV035780.D

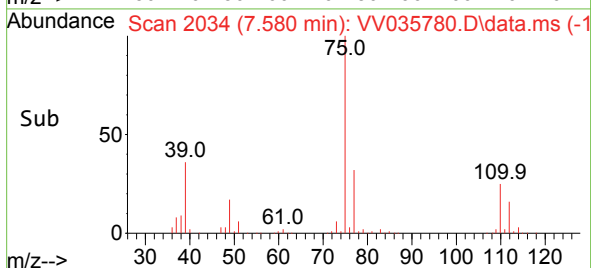
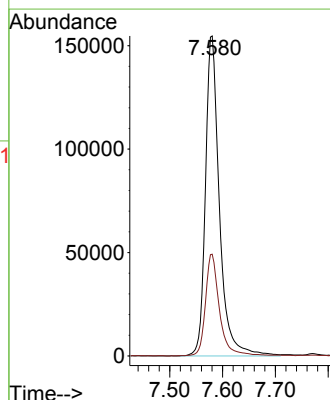
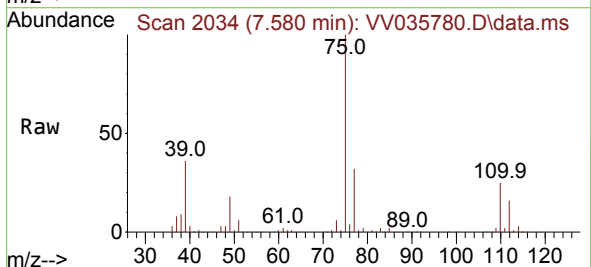
Acq: 25 May 2024 03:59

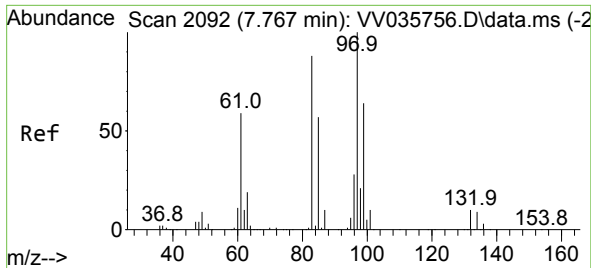
Tgt Ion: 75 Resp: 284713

Ion Ratio Lower Upper

75 100

77 31.8 22.4 41.6

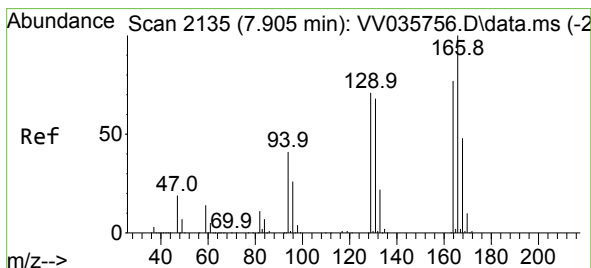
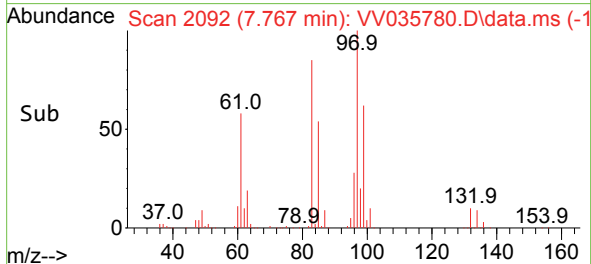
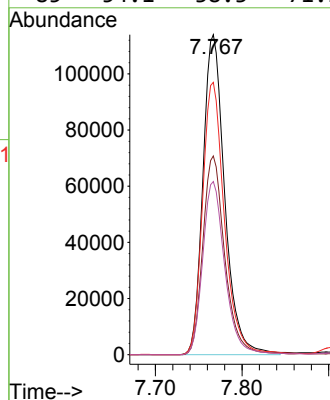
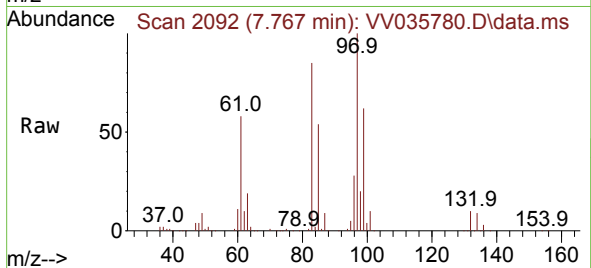




#45
1,1,2-Trichloroethane
Concen: 27.849 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

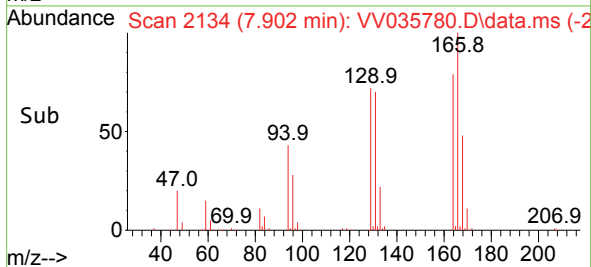
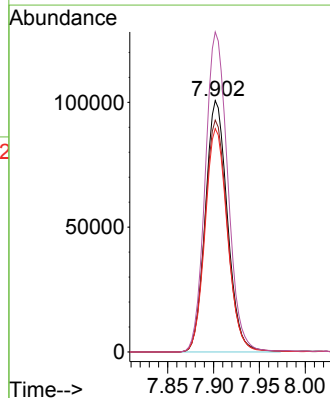
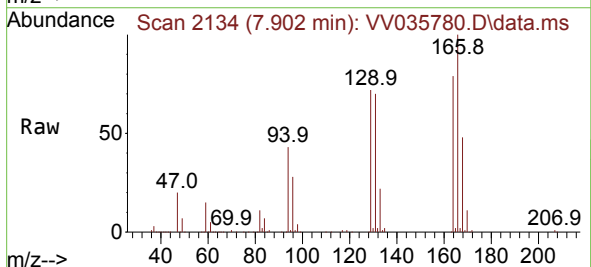
Instrument :
MSVOA_V
ClientSampleId :

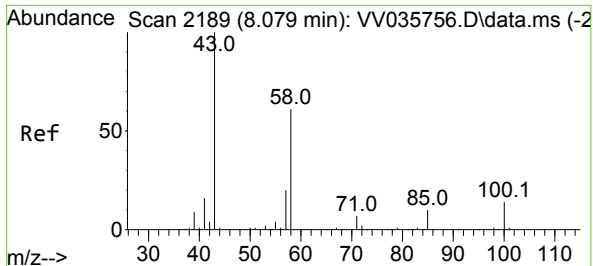
Tgt Ion:	97	Resp:	198930
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.3	80.3
83	85.1	60.3	111.9
85	54.1	38.3	71.1



#46
Tetrachloroethene
Concen: 22.849 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

Tgt Ion:	164	Resp:	169196
Ion	Ratio	Lower	Upper
164	100		
129	92.3	63.4	117.8
131	88.9	61.0	113.4
166	127.3	88.8	164.8

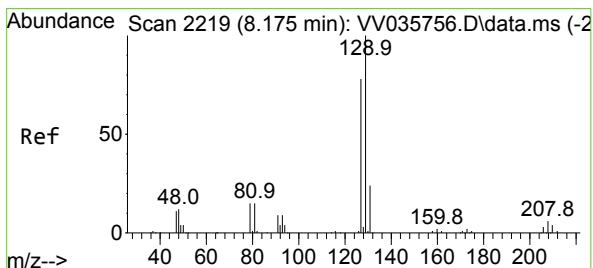
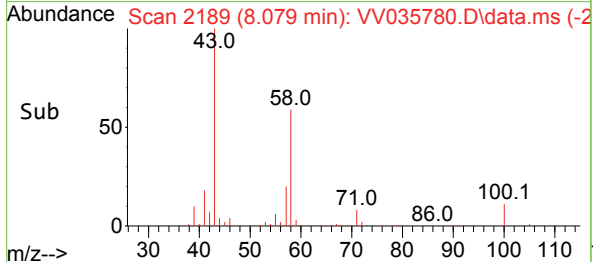
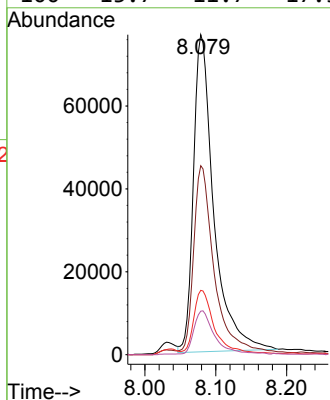
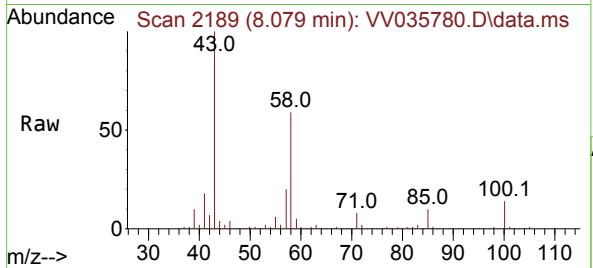




#48
2-Hexanone
Concen: 40.542 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

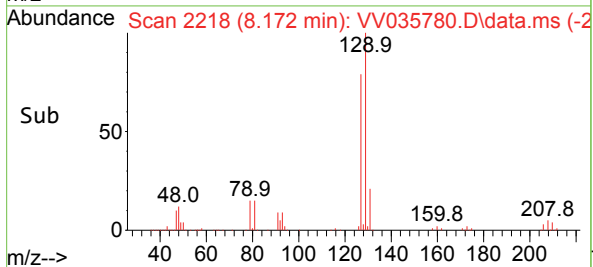
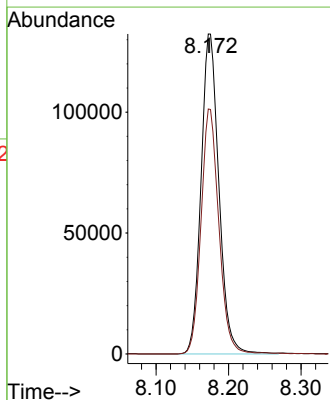
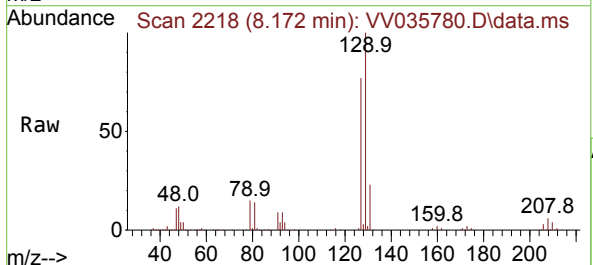
Instrument :
MSVOA_V
ClientSampleId :

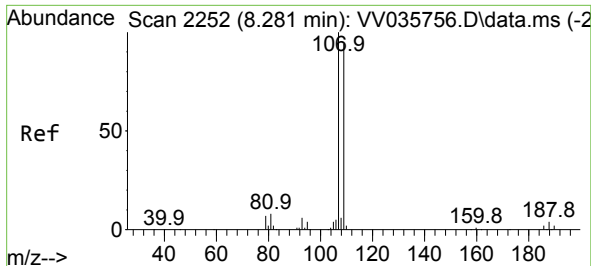
Tgt Ion: 43 Resp: 153050
Ion Ratio Lower Upper
43 100
58 59.2 48.8 73.2
57 19.5 16.9 25.3
100 13.7 11.7 17.5



#49
Dibromochloromethane
Concen: 28.064 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.003 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

Tgt Ion: 129 Resp: 226204
Ion Ratio Lower Upper
129 100
127 76.5 53.8 99.8

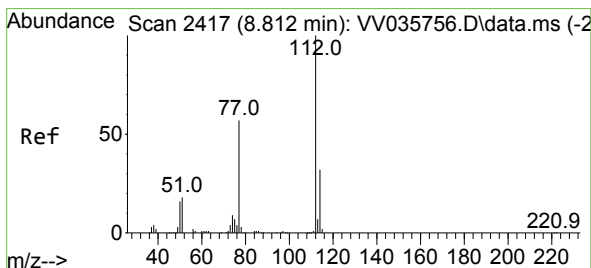
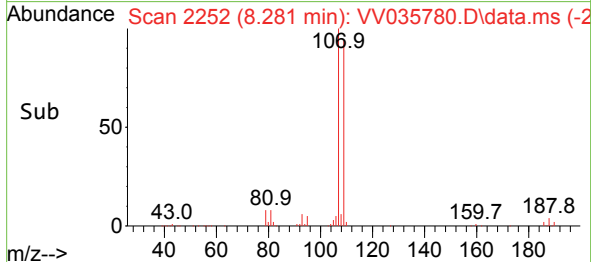
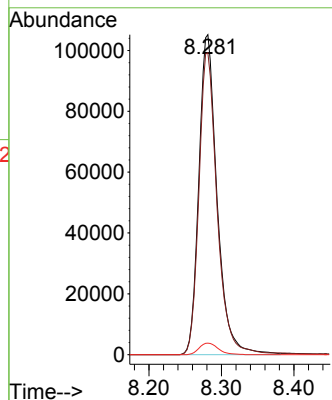
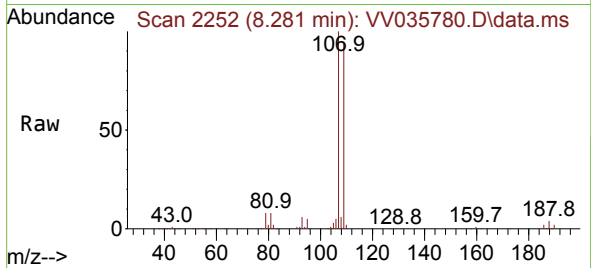




#50
1,2-Dibromoethane
Concen: 26.150 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

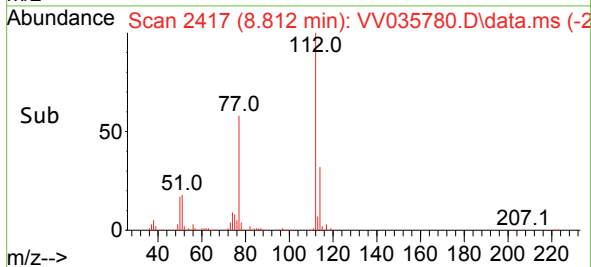
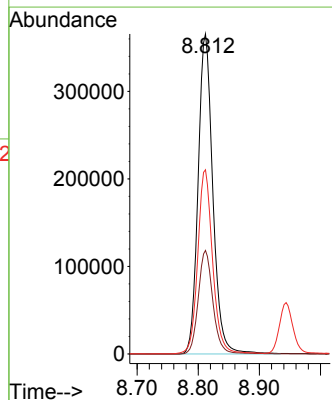
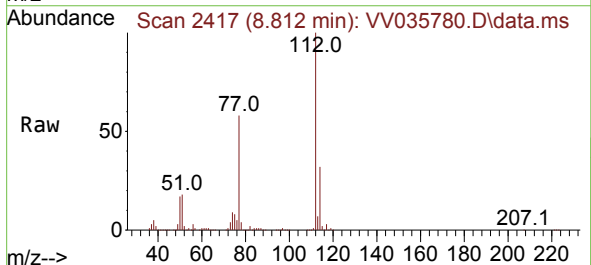
Instrument :
MSVOA_V
ClientSampleId :

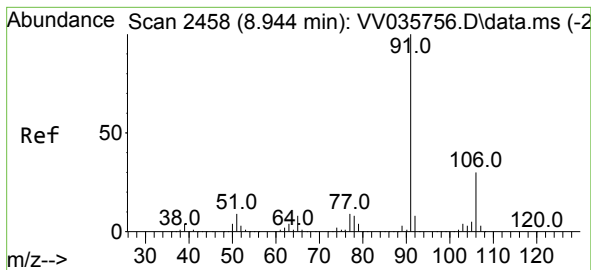
Tgt Ion:107 Resp: 184023
Ion Ratio Lower Upper
107 100
109 94.3 65.4 121.4
188 3.6 2.9 4.3



#51
Chlorobenzene
Concen: 25.874 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

Tgt Ion:112 Resp: 612222
Ion Ratio Lower Upper
112 100
114 32.3 22.5 41.7
77 57.6 46.6 69.8





#52

Ethylbenzene

Concen: 25.804 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV035780.D

Acq: 25 May 2024 03:59

Instrument :

MSVOA_V

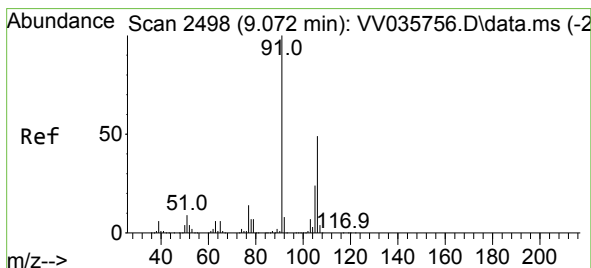
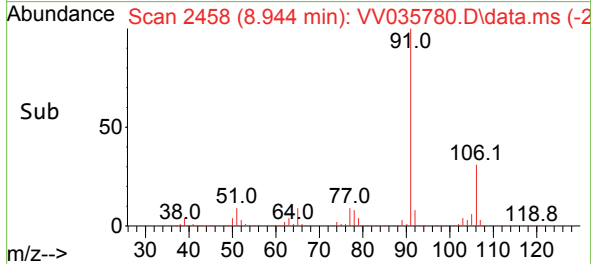
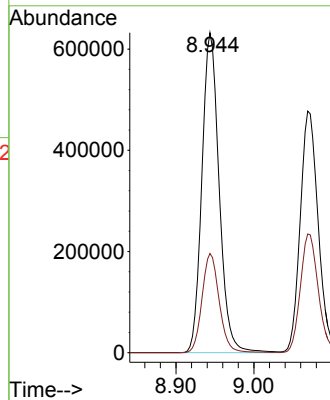
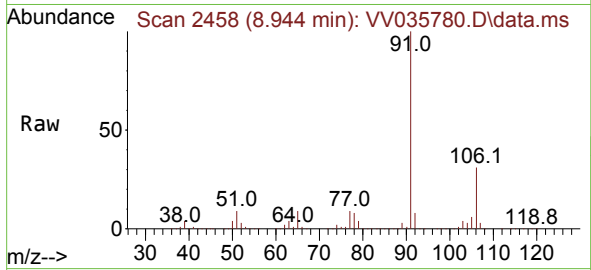
ClientSampleId :

Tgt Ion: 91 Resp: 971530

Ion Ratio Lower Upper

91 100

106 31.0 21.7 40.3



#53

m,p-Xylene

Concen: 26.294 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.003 min

Lab File: VV035780.D

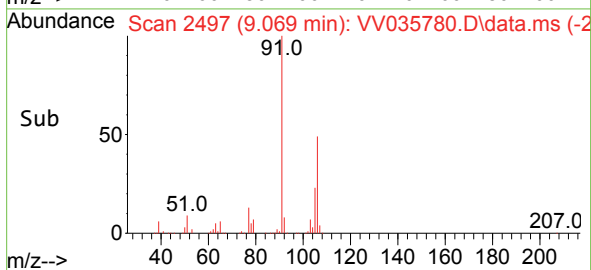
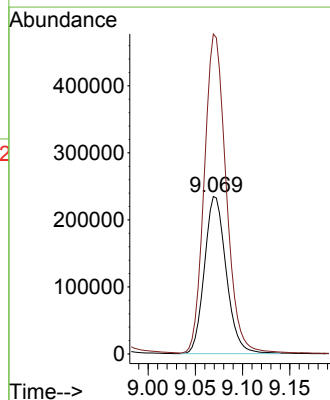
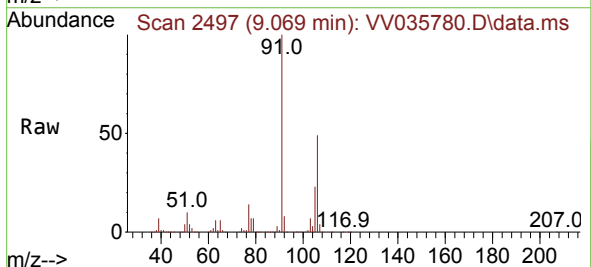
Acq: 25 May 2024 03:59

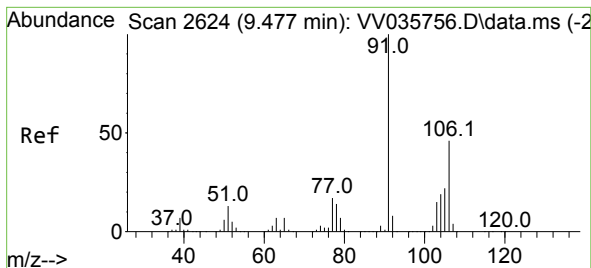
Tgt Ion: 106 Resp: 375592

Ion Ratio Lower Upper

106 100

91 203.3 142.7 264.9





#54

o-Xylene

Concen: 26.769 ug/L

RT: 9.477 min Scan# 2624

Delta R.T. 0.000 min

Lab File: VV035780.D

Acq: 25 May 2024 03:59

Instrument :

MSVOA_V

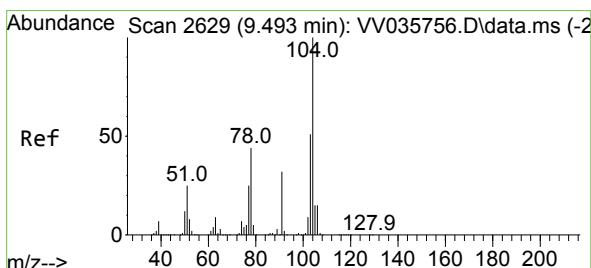
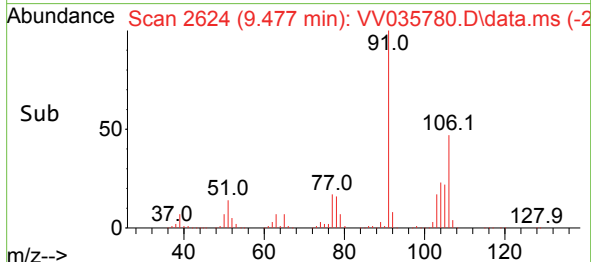
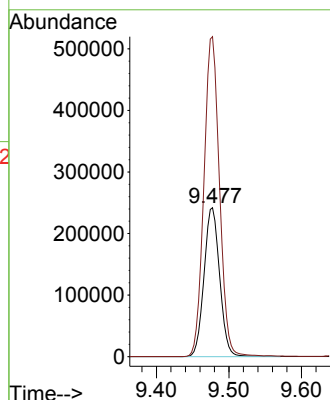
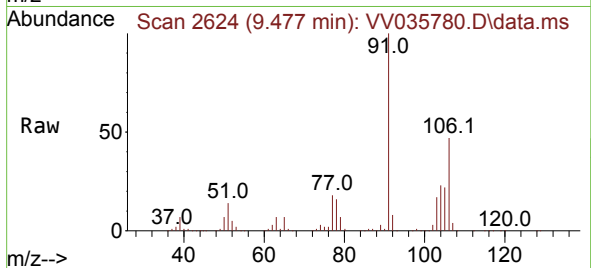
ClientSampleId :

Tgt Ion:106 Resp: 362410

Ion Ratio Lower Upper

106 100

91 214.8 150.9 280.3



#55

Styrene

Concen: 29.250 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.000 min

Lab File: VV035780.D

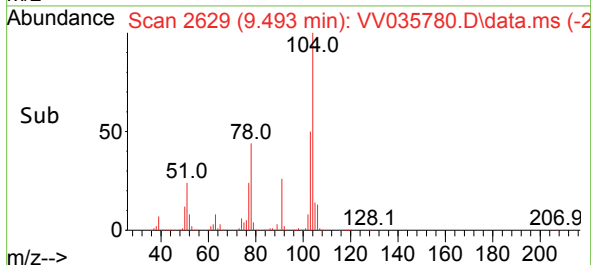
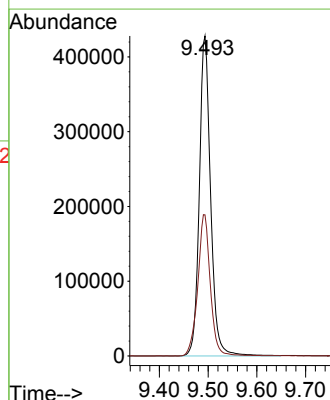
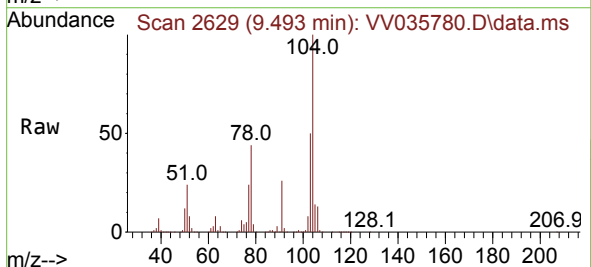
Acq: 25 May 2024 03:59

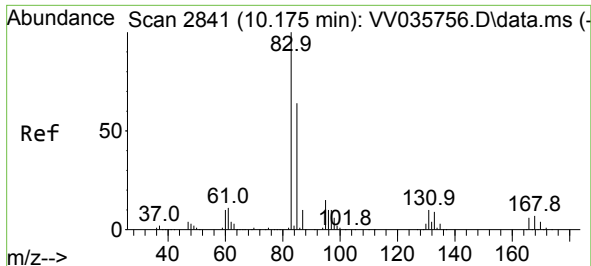
Tgt Ion:104 Resp: 690701

Ion Ratio Lower Upper

104 100

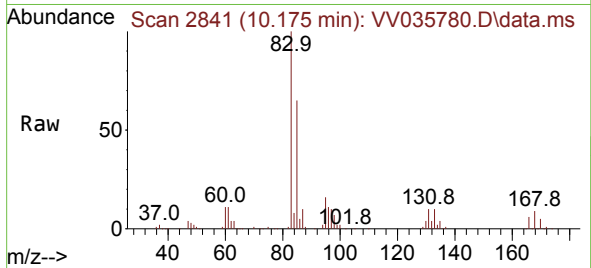
78 44.1 30.0 55.6



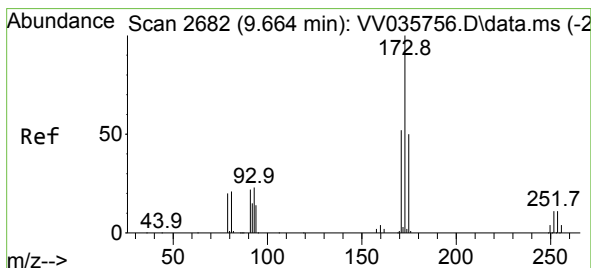
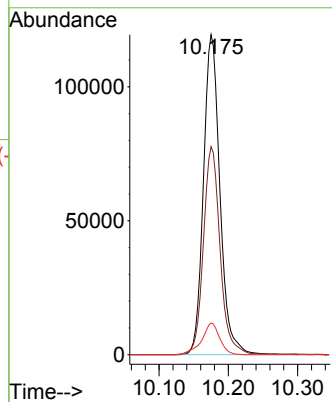
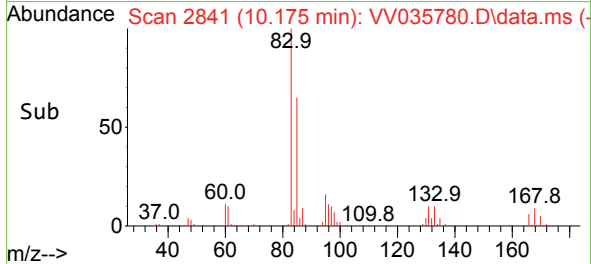


#57
1,1,2,2-Tetrachloroethane
Concen: 22.646 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

Instrument :
MSVOA_V
ClientSampleId :

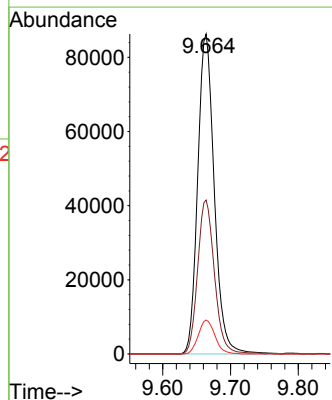
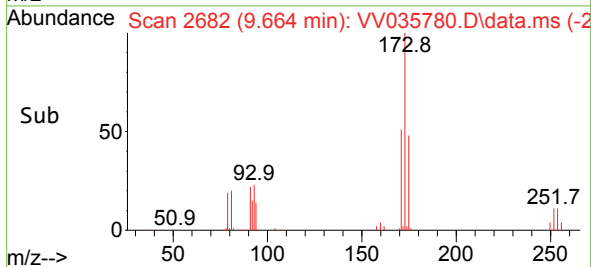
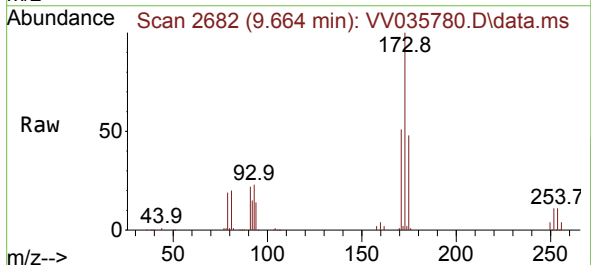


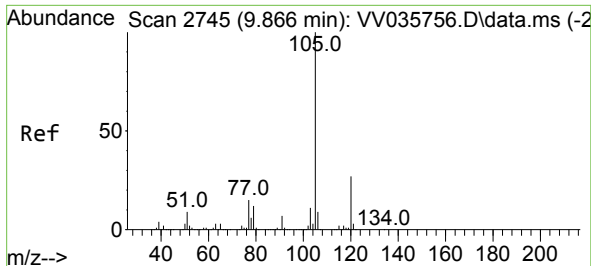
Tgt Ion: 83 Resp: 197049
Ion Ratio Lower Upper
83 100
85 65.0 44.7 83.1
131 9.9 8.0 12.0



#59
Bromoform
Concen: 28.631 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

Tgt Ion: 173 Resp: 146264
Ion Ratio Lower Upper
173 100
175 48.7 38.7 58.1
254 10.6 8.3 12.5

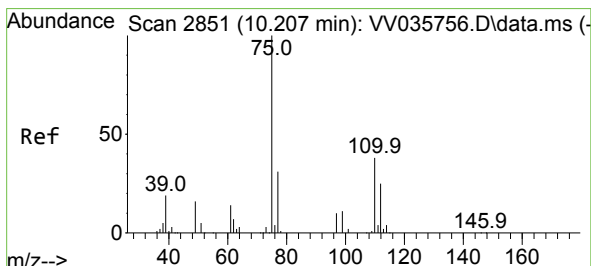
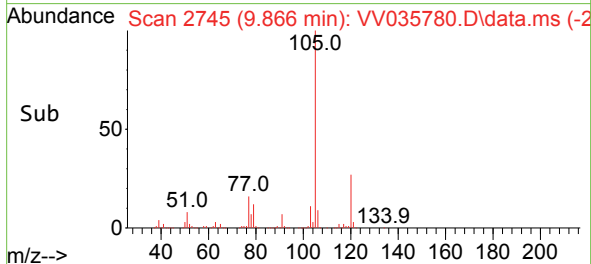
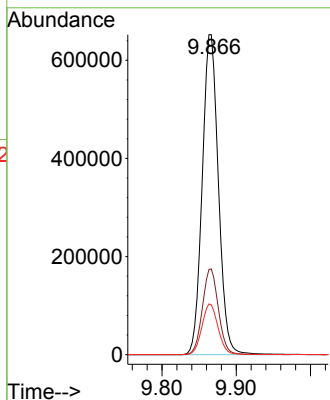
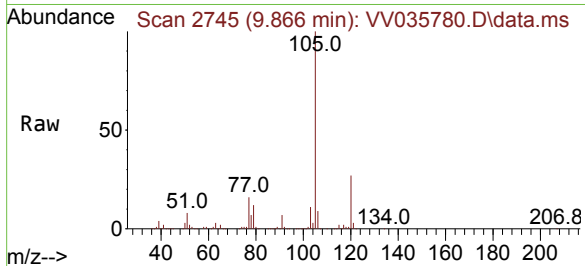




#60
Isopropylbenzene
Concen: 28.425 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

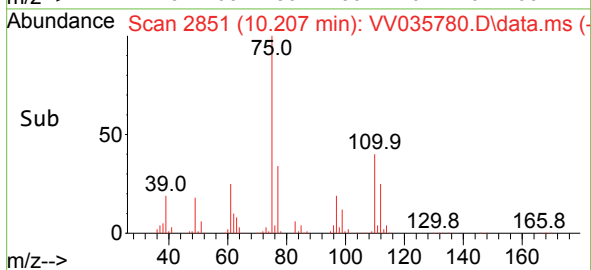
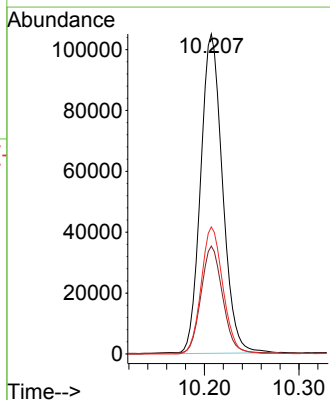
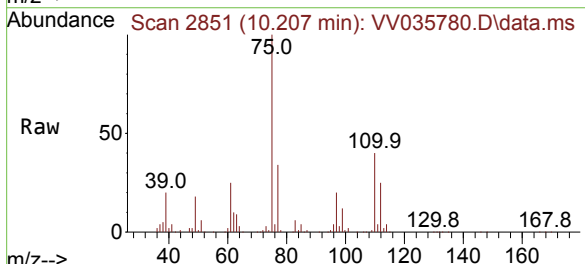
Instrument :
MSVOA_V
ClientSampleId :

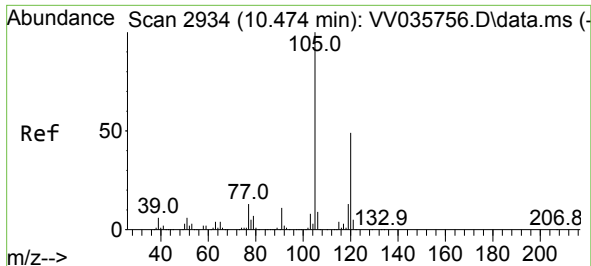
Tgt Ion:105 Resp: 984271
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 15.6 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 27.715 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

Tgt Ion: 75 Resp: 168825
Ion Ratio Lower Upper
75 100
77 33.1 25.7 38.5
110 39.6 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 28.988 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035780.D

Acq: 25 May 2024 03:59

Instrument :

MSVOA_V

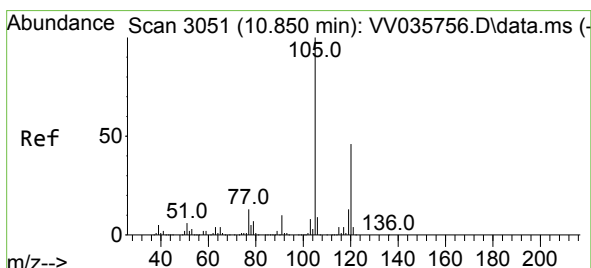
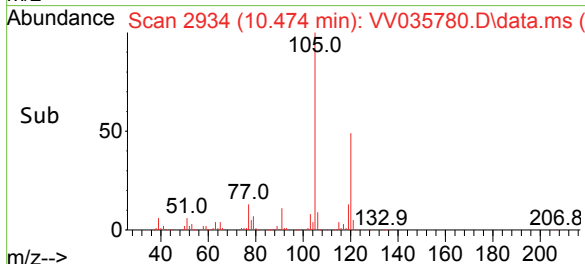
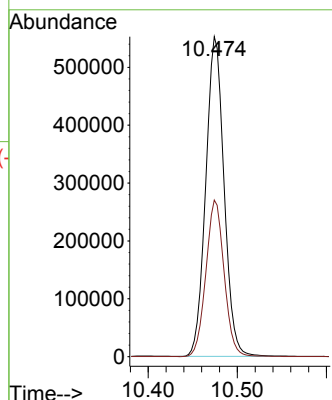
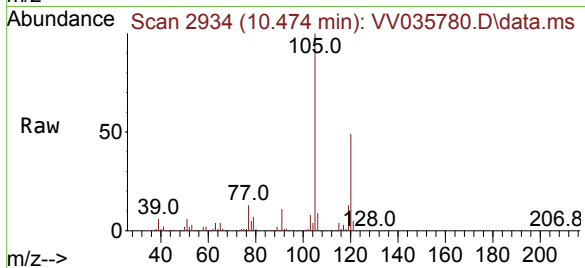
ClientSampleId :

Tgt Ion:105 Resp: 787441

Ion Ratio Lower Upper

105 100

120 48.7 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 28.759 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035780.D

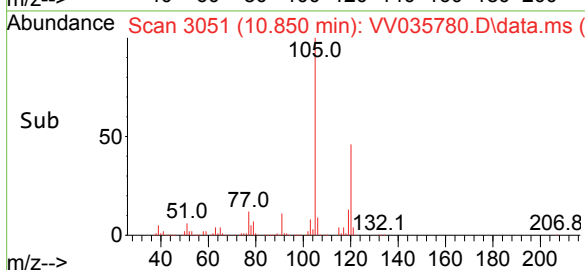
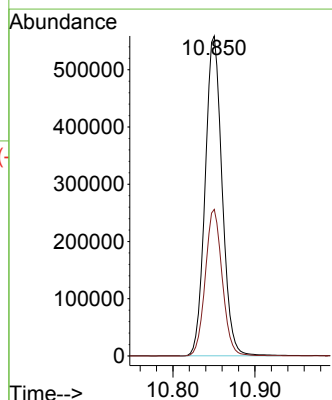
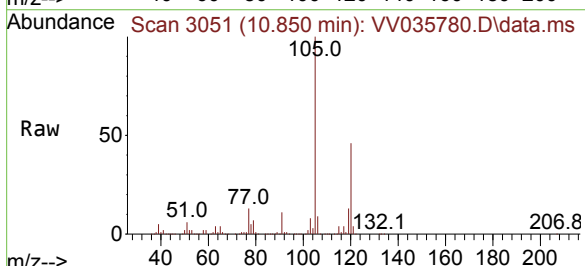
Acq: 25 May 2024 03:59

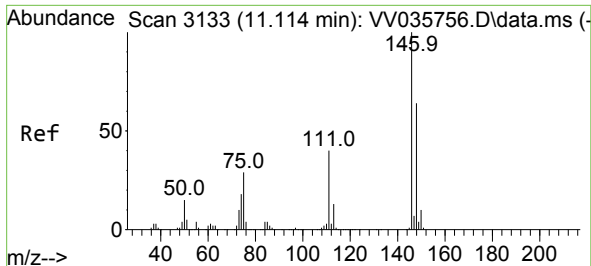
Tgt Ion:105 Resp: 802791

Ion Ratio Lower Upper

105 100

120 45.9 36.6 55.0

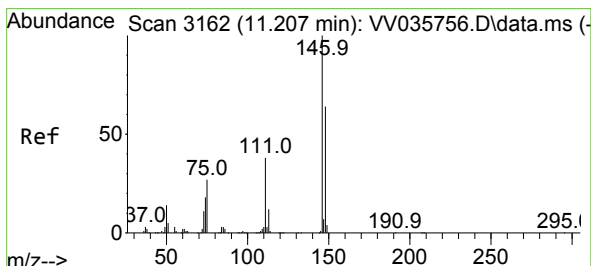
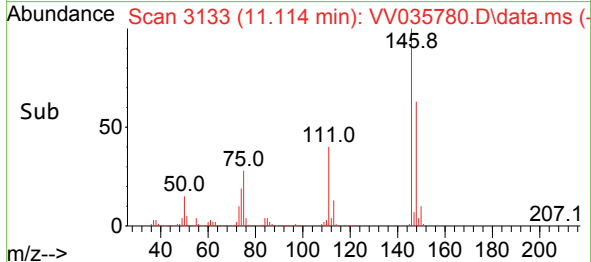
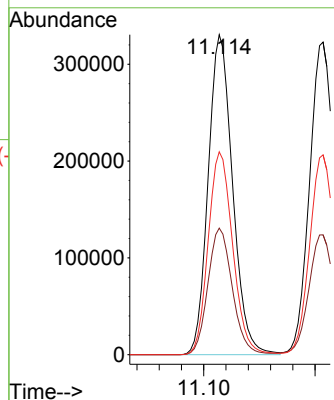
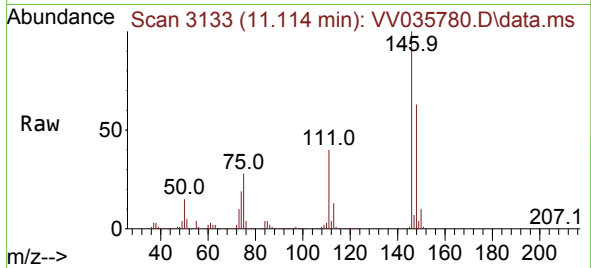




#64
1,3-Dichlorobenzene
Concen: 27.704 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

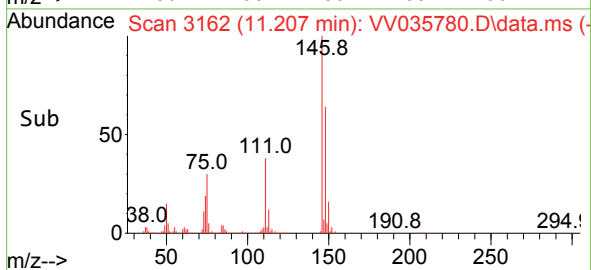
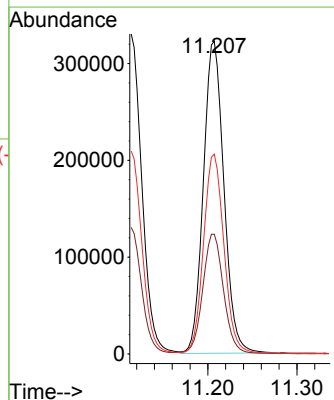
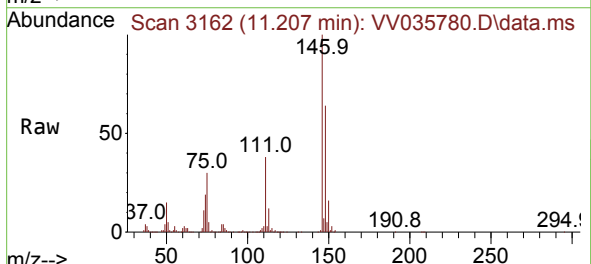
Instrument :
MSVOA_V
ClientSampleId :

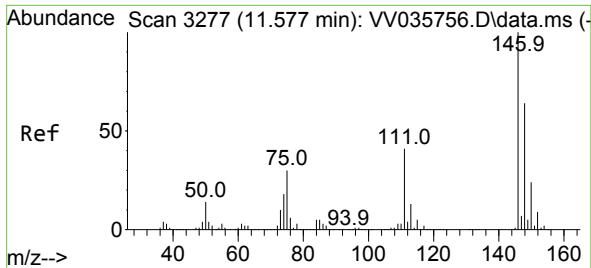
Tgt Ion:146 Resp: 503456
Ion Ratio Lower Upper
146 100
111 39.6 27.0 50.2
148 63.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 27.383 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

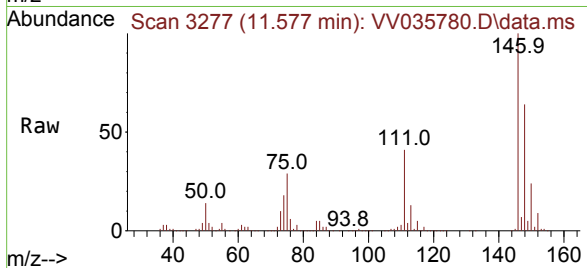
Tgt Ion:146 Resp: 515152
Ion Ratio Lower Upper
146 100
111 38.3 26.2 48.6
148 63.9 44.9 83.3



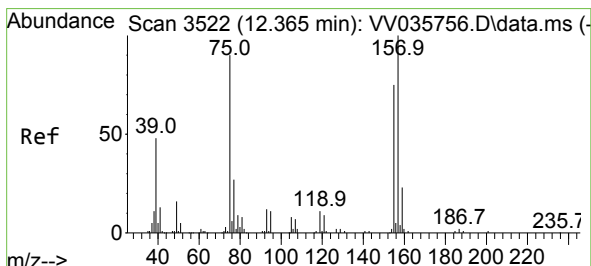
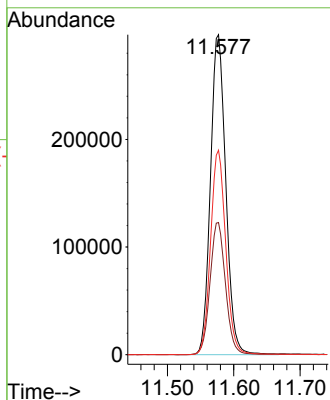
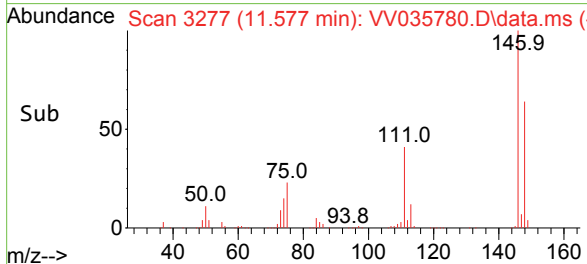


#67
1,2-Dichlorobenzene
Concen: 27.924 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

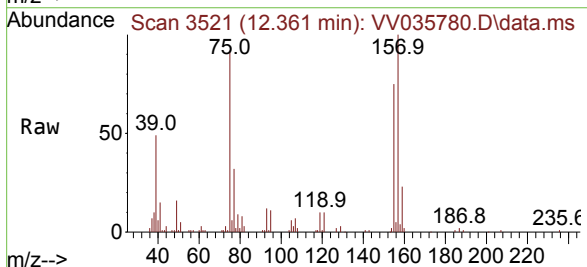
Instrument :
MSVOA_V
ClientSampleId :



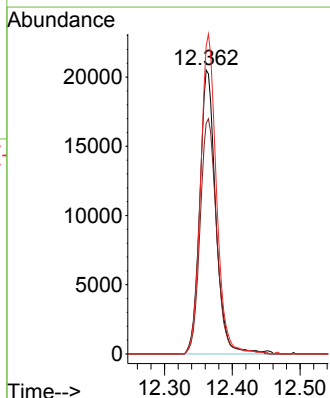
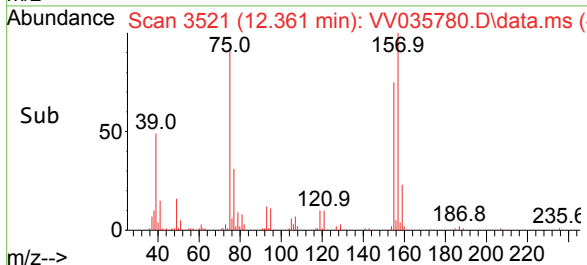
Tgt Ion:146 Resp: 477668
Ion Ratio Lower Upper
146 100
111 41.3 32.6 48.8
148 63.9 51.1 76.7

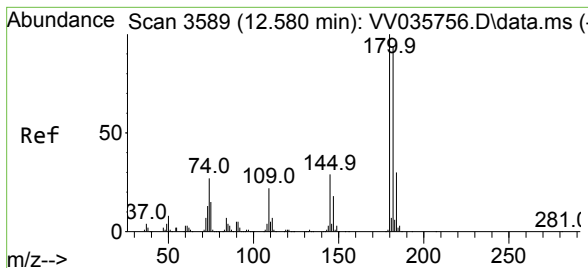


#68
1,2-Dibromo-3-chloropropane
Concen: 23.844 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. -0.003 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59



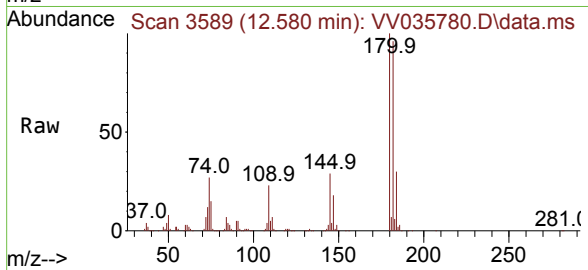
Tgt Ion: 75 Resp: 33686
Ion Ratio Lower Upper
75 100
155 81.2 69.8 104.6
157 108.5 95.0 142.6



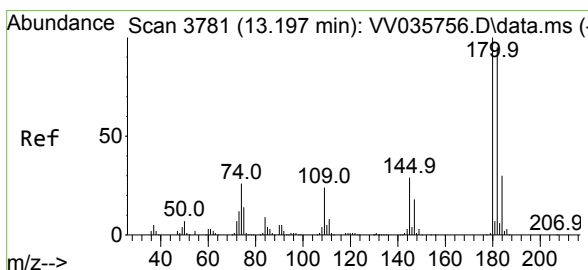
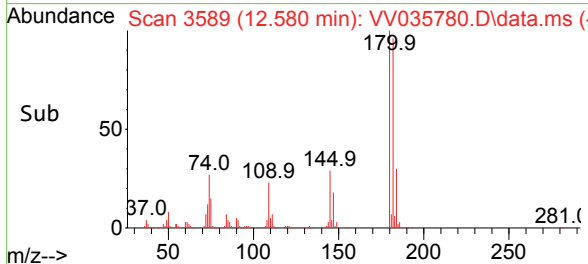
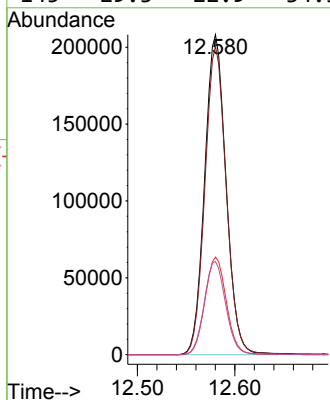


#69
 1,3,5-Trichlorobenzene
 Concen: 22.339 ug/L
 RT: 12.580 min Scan# 3589
 Delta R.T. 0.000 min
 Lab File: VV035780.D
 Acq: 25 May 2024 03:59

Instrument :
 MSVOA_V
 ClientSampleId :

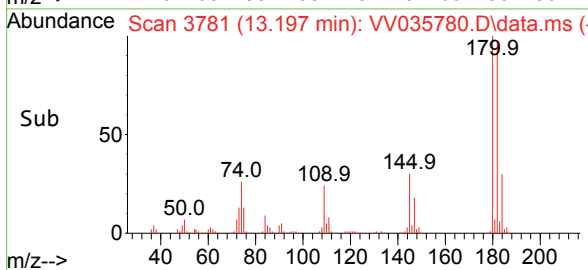
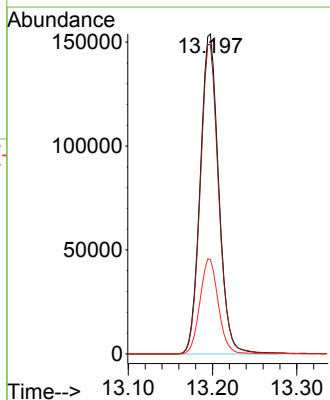
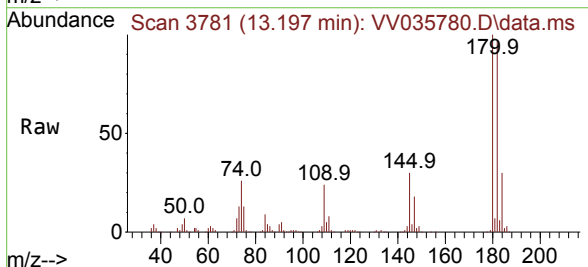


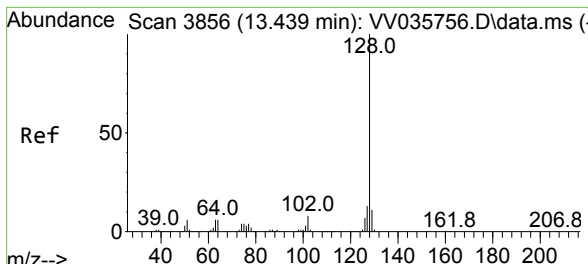
Tgt Ion:	180	Resp:	317231
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.2	114.2
184	30.6	24.1	36.1
145	29.3	22.9	34.3



#70
 1,2,4-trichlorobenzene
 Concen: 19.868 ug/L
 RT: 13.197 min Scan# 3781
 Delta R.T. 0.000 min
 Lab File: VV035780.D
 Acq: 25 May 2024 03:59

Tgt Ion:	180	Resp:	235598
Ion Ratio	Lower	Upper	
180	100		
182	96.2	76.6	114.8
145	29.5	23.2	34.8

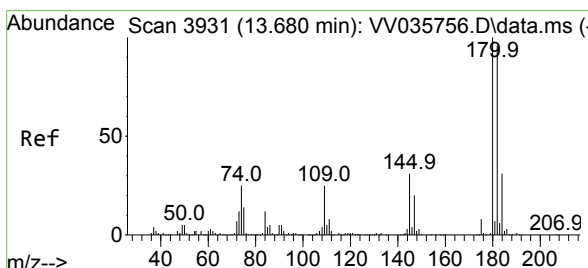
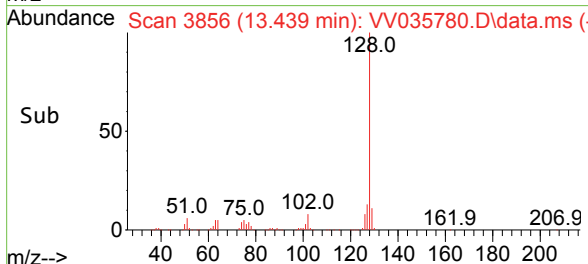
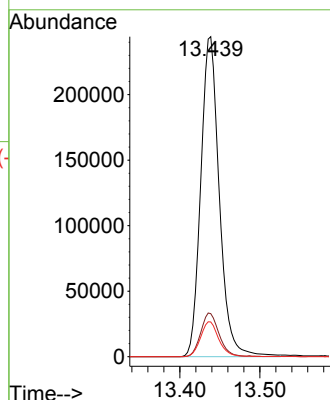
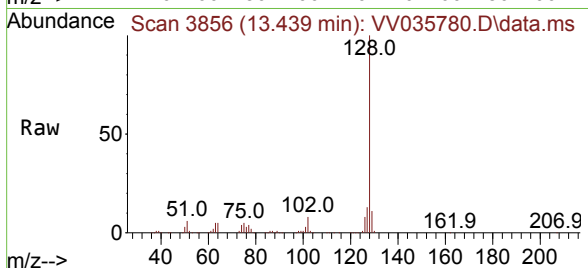




#71
Naphthalene
Concen: 18.962 ug/L
RT: 13.439 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 394728
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 22.569 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. -0.003 min
Lab File: VV035780.D
Acq: 25 May 2024 03:59

Tgt Ion:180 Resp: 240747
Ion Ratio Lower Upper
180 100
182 95.1 75.8 113.6
145 31.0 25.2 37.8

