

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035732.D
 Acq On : 24 May 2024 08:20
 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 24 23:34:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 05:19:06 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	516875	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	517130	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	288748	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	244212	30.569	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 122.280%	
7) Chloroethane-d5	1.529	69	188837	29.300	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 117.200%	
11) 1,1-Dichloroethene-d2	2.053	65	102749	29.051	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 116.200%#	
21) 2-Butanone-d5	3.841	46	41533	18.319	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 36.640%	
24) Chloroform-d	4.243	84	410167	26.692	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 106.760%	
26) 1,2-Dichloroethane-d4	4.937	65	206787	27.221	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.880%	
32) Benzene-d6	4.953	84	801093	28.300	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 113.200%	
36) 1,2-Dichloropropane-d6	5.985	67	240379	27.516	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 110.080%	
41) Toluene-d8	7.239	98	743245	29.501	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 118.000%	
43) trans-1,3-Dichloroprop...	7.548	79	104218	27.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 111.560%	
47) 2-Hexanone-d5	8.030	63	68812	43.805	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 87.620%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	190011	22.572	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 90.280%	
66) 1,2-Dichlorobenzene-d4	11.558	152	263823	26.327	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 105.320%	
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	229959	21.883	ug/L	100
3) Chloromethane	1.214	50	217168	20.583	ug/L	99
5) Vinyl chloride	1.278	62	248460	22.794	ug/L	99
6) Bromomethane	1.484	94	153366	22.222	ug/L	99
8) Chloroethane	1.545	64	161517	24.038	ug/L	99
9) Trichlorofluoromethane	1.709	101	357584	25.134	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	239158	26.642	ug/L	99
12) 1,1-Dichloroethene	2.063	96	200616	24.743	ug/L #	78
14) Carbon disulfide	2.233	76	500728	19.498	ug/L	100
15) Methyl Acetate	2.387	43	103714	20.626	ug/L #	90
16) Methylene chloride	2.442	84	263906	22.141	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	216779	24.083	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	578989	26.666	ug/L	99
19) 1,1-Dichloroethane	3.104	63	450757	26.712	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	242391	24.840	ug/L	98
22) 2-Butanone	3.912	43	121335	39.368	ug/L #	71
23) Bromochloromethane	4.143	128	121753	25.798	ug/L	97
25) Chloroform	4.268	83	477390	27.396	ug/L	99
27) 1,2-Dichloroethane	5.037	62	296878	27.360	ug/L	100

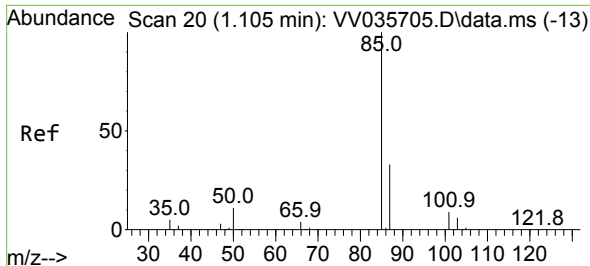
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 Data File : VV035732.D
 Acq On : 24 May 2024 08:20
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 QLast Update : Fri May 24 05:19:06 2024
 Response via : Initial Calibration

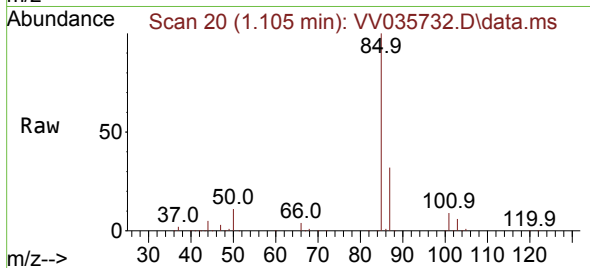
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.577	56	309499	25.027	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	403874	28.167	ug/L	99
31) Carbon tetrachloride	4.728	117	346575	27.548	ug/L	99
33) Benzene	5.005	78	941501	27.509	ug/L	100
34) Trichloroethene	5.828	95	272214	28.118	ug/L	98
35) Methylcyclohexane	6.047	83	371001	25.242	ug/L	98
37) 1,2-Dichloropropane	6.088	63	260785	29.205	ug/L	99
38) Bromodichloromethane	6.429	83	347994	28.768	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	388184	27.794	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	297559	55.641	ug/L	98
42) Toluene	7.310	91	1021500	28.203	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	349166	28.579	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	217907	28.720	ug/L	99
46) Tetrachloroethene	7.902	164	203823	25.914	ug/L	98
48) 2-Hexanone	8.079	43	216450	53.982	ug/L	96
49) Dibromochloromethane	8.172	129	242105	28.280	ug/L	100
50) 1,2-Dibromoethane	8.278	107	205772	27.530	ug/L	99
51) Chlorobenzene	8.808	112	678781	27.008	ug/L	99
52) Ethylbenzene	8.944	91	1132464	28.318	ug/L	100
53) m,p-Xylene	9.069	106	434053	28.608	ug/L	100
54) o-Xylene	9.474	106	412805	28.707	ug/L	99
55) Styrene	9.493	104	766195	30.549	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	225262	24.373	ug/L	99
59) Bromoform	9.664	173	159496	28.107	ug/L	99
60) Isopropylbenzene	9.863	105	1170281	30.426	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	195677	28.920	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	945420	31.333	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	953222	30.742	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	583446	28.904	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	599037	28.667	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	548125	28.847	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	43331	27.612	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	442128	28.029	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	359721	27.311	ug/L	99
71) Naphthalene	13.435	128	593854	25.682	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	336649	28.412	ug/L	99

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

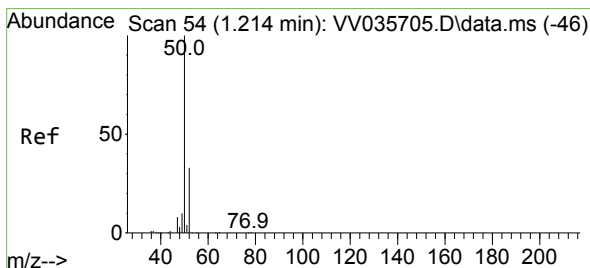
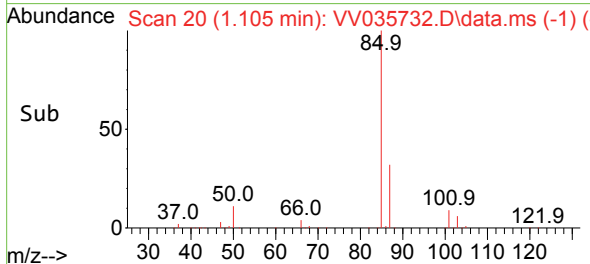
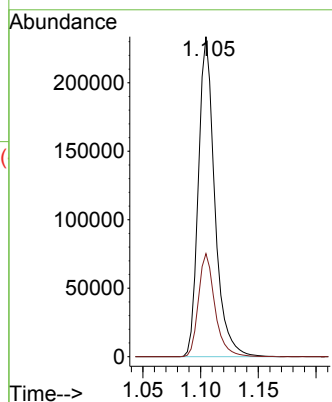


#2
Dichlorodifluoromethane
Concen: 21.883 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

Instrument :
MSVOA_V
ClientSampleId :

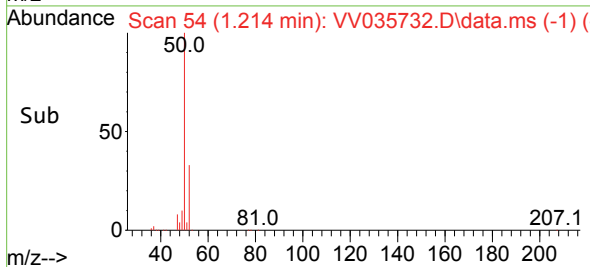
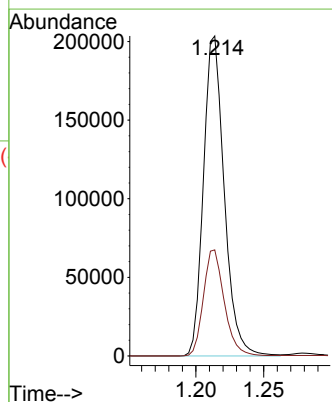
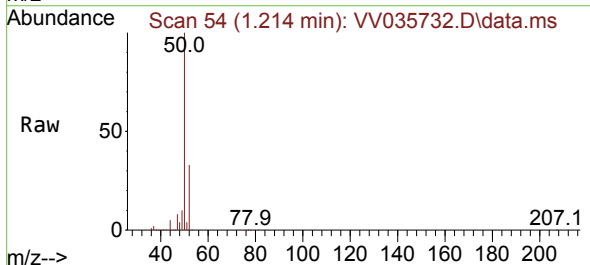


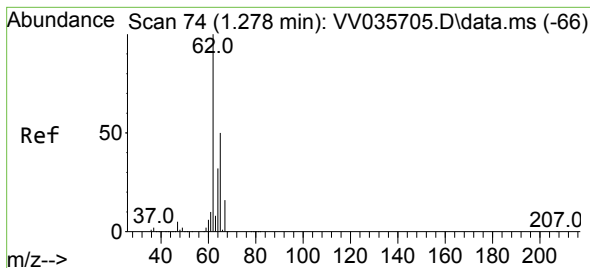
Tgt Ion: 85 Resp: 229959
Ion Ratio Lower Upper
85 100
87 32.4 25.8 38.6



#3
Chloromethane
Concen: 20.583 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

Tgt Ion: 50 Resp: 217168
Ion Ratio Lower Upper
50 100
52 33.1 22.7 42.1





#5

Vinyl chloride

Concen: 22.794 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.000 min

Lab File: VV035732.D

Acq: 24 May 2024 08:20

Instrument :

MSVOA_V

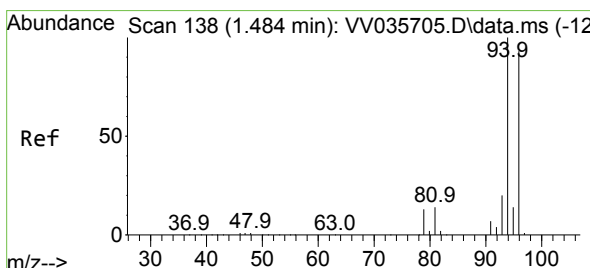
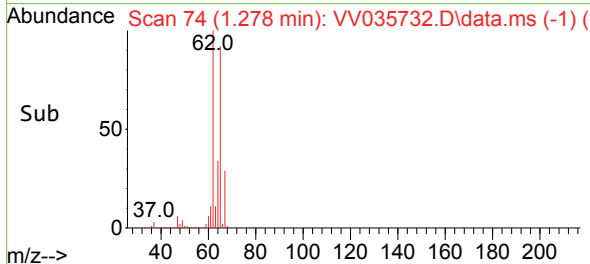
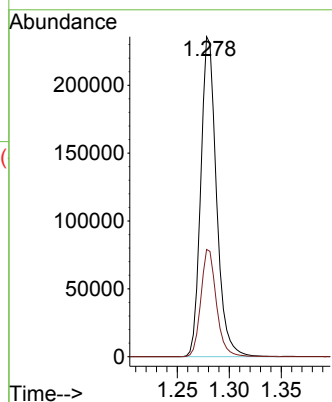
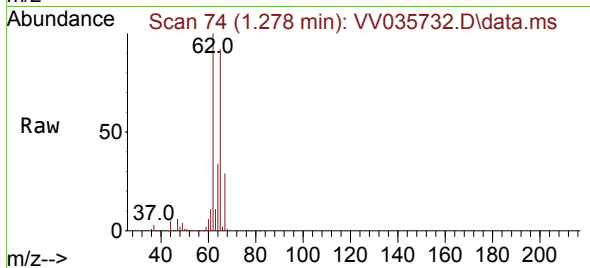
ClientSampleId :

Tgt Ion: 62 Resp: 248460

Ion Ratio Lower Upper

62 100

64 33.5 23.0 42.6



#6

Bromomethane

Concen: 22.222 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.000 min

Lab File: VV035732.D

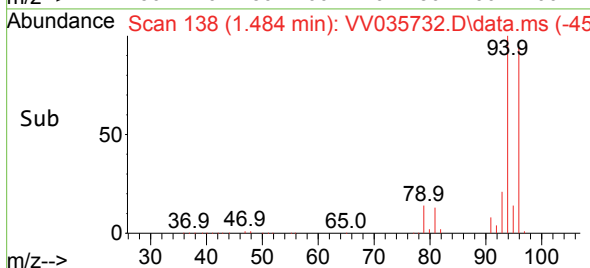
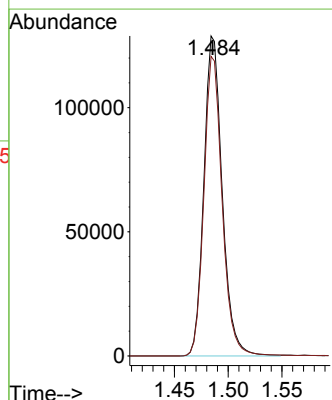
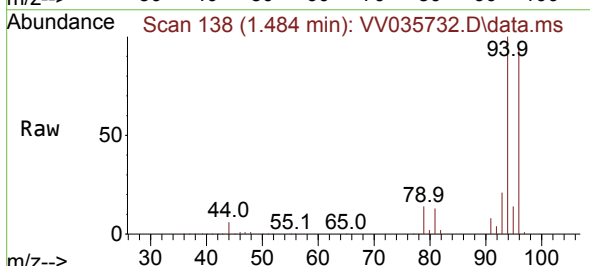
Acq: 24 May 2024 08:20

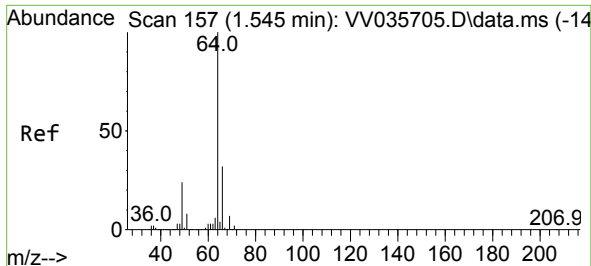
Tgt Ion: 94 Resp: 153366

Ion Ratio Lower Upper

94 100

96 93.6 65.2 121.0





#8

Chloroethane

Concen: 24.038 ug/L

RT: 1.545 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV035732.D

Acq: 24 May 2024 08:20

Instrument :

MSVOA_V

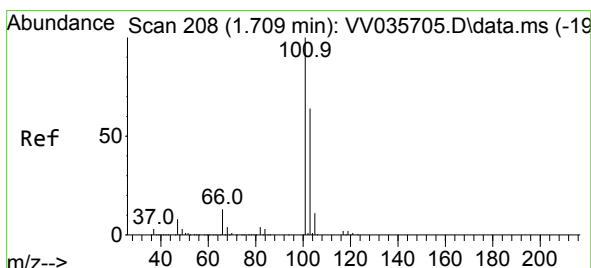
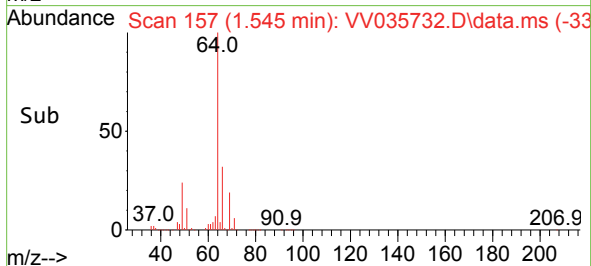
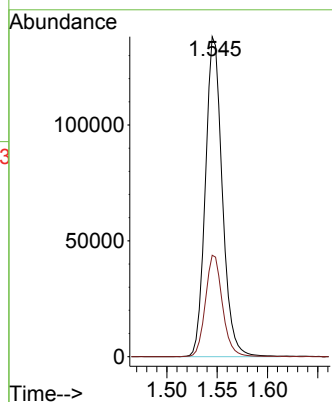
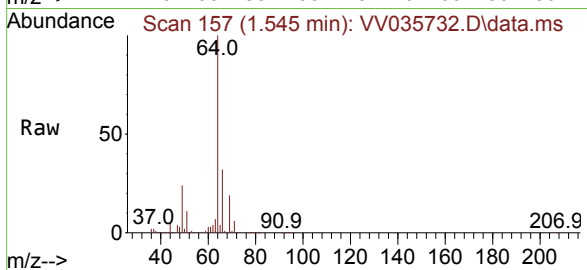
ClientSampleId :

Tgt Ion: 64 Resp: 161517

Ion Ratio Lower Upper

64 100

66 31.7 22.0 40.8



#9

Trichlorofluoromethane

Concen: 25.134 ug/L

RT: 1.709 min Scan# 208

Delta R.T. -0.000 min

Lab File: VV035732.D

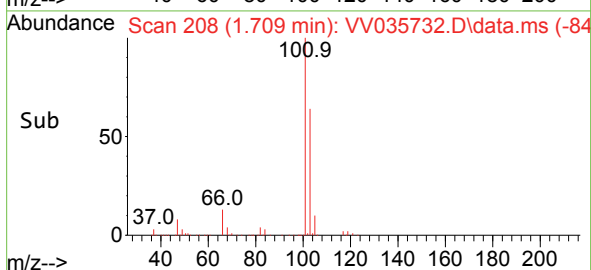
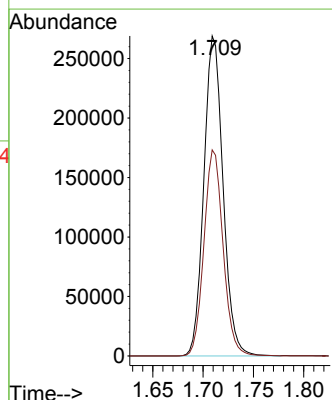
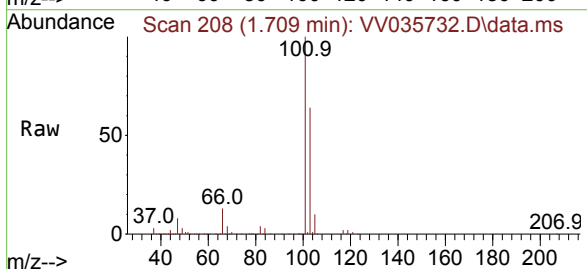
Acq: 24 May 2024 08:20

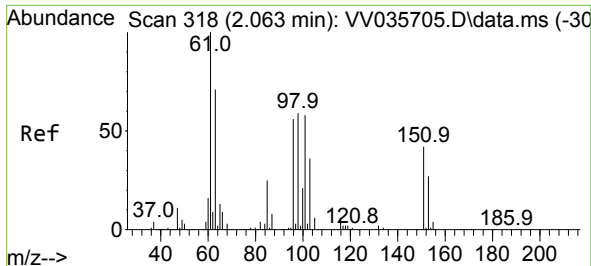
Tgt Ion:101 Resp: 357584

Ion Ratio Lower Upper

101 100

103 64.2 51.5 77.3





#10

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

Concen: 26.642 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

Lab File: VV035732.D

Acq: 24 May 2024 08:20

Instrument :

MSVOA_V

ClientSampleId :

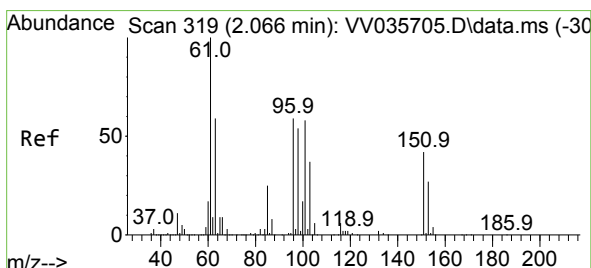
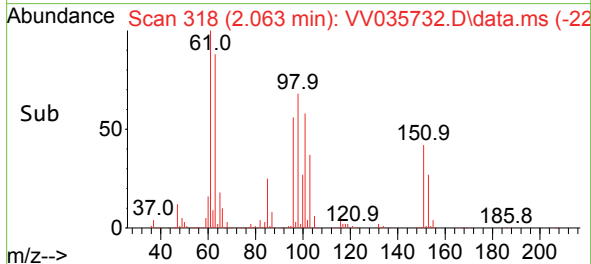
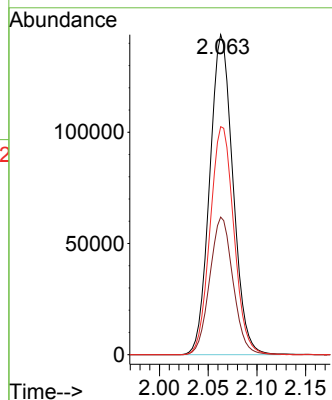
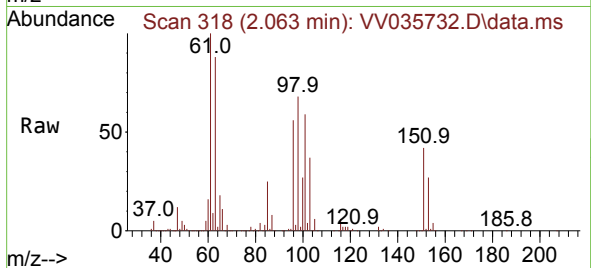
Tgt Ion:101 Resp: 239158

Ion Ratio Lower Upper

101 100

85 43.0 34.2 51.4

151 72.9 59.5 89.3



#12

1,1-Dichloroethene

Concen: 24.743 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.003 min

Lab File: VV035732.D

Acq: 24 May 2024 08:20

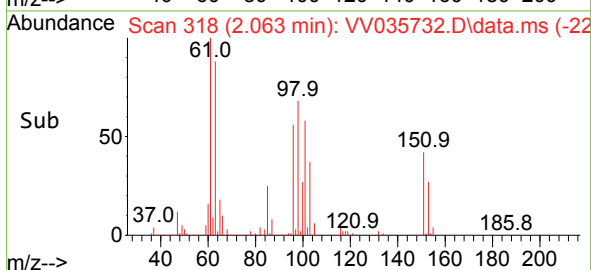
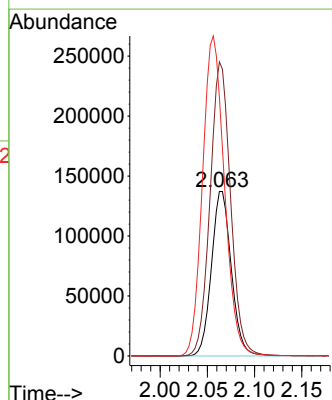
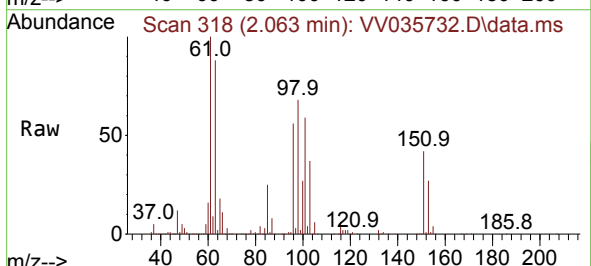
Tgt Ion: 96 Resp: 200616

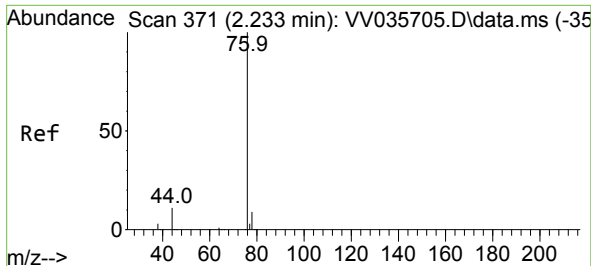
Ion Ratio Lower Upper

96 100

61 178.8 119.8 222.4

63 157.4 75.6 140.4#

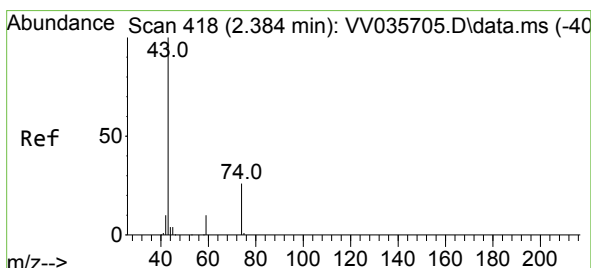
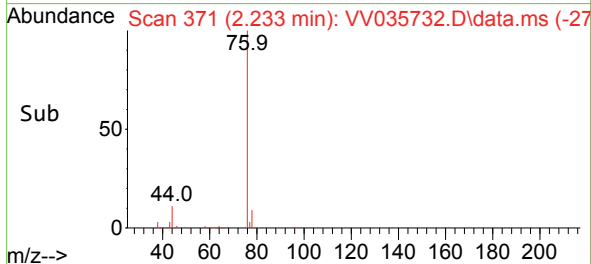
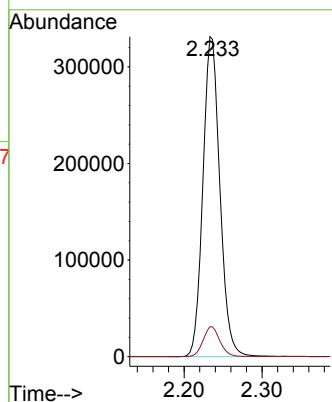
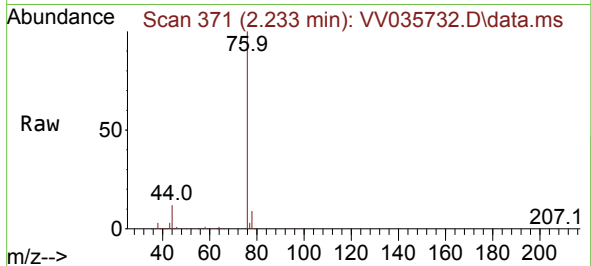




#14
Carbon disulfide
Concen: 19.498 ug/L
RT: 2.233 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

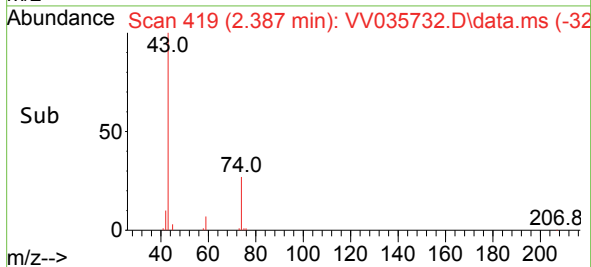
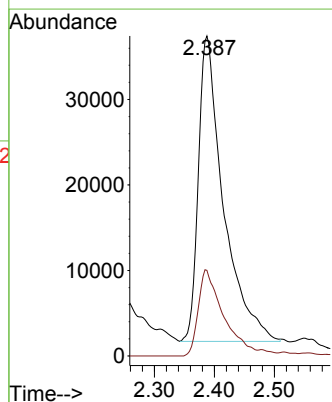
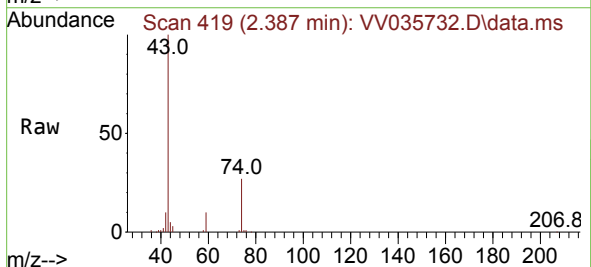
Instrument :
MSVOA_V
ClientSampleId :

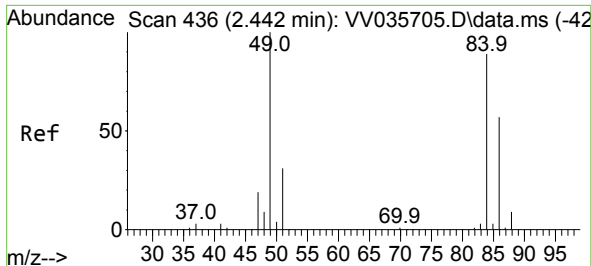
Tgt Ion: 76 Resp: 500728
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#15
Methyl Acetate
Concen: 20.626 ug/L
RT: 2.387 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

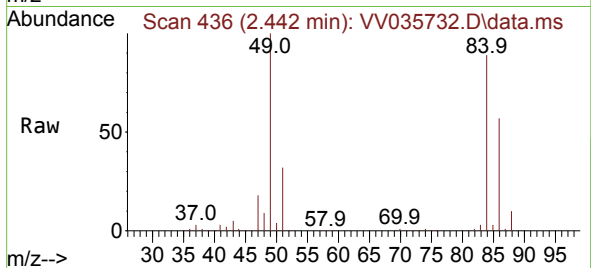
Tgt Ion: 43 Resp: 103714
Ion Ratio Lower Upper
43 100
74 28.3 18.6 27.8#



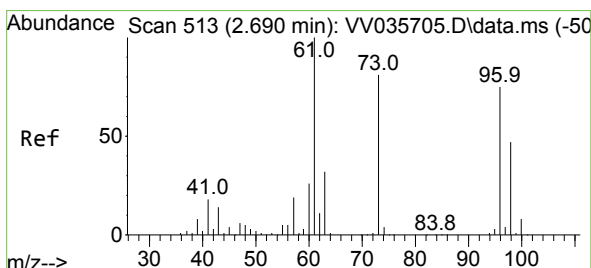
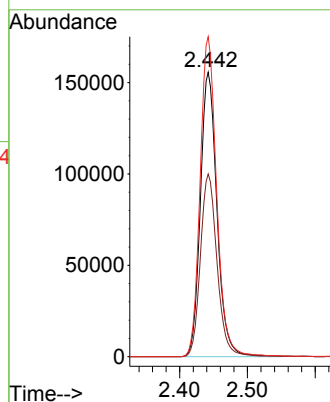
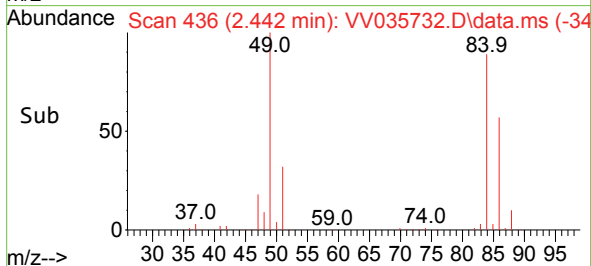


#16
Methylene chloride
Concen: 22.141 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

Instrument :
MSVOA_V
ClientSampleId :

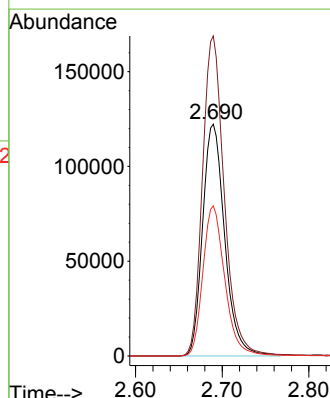
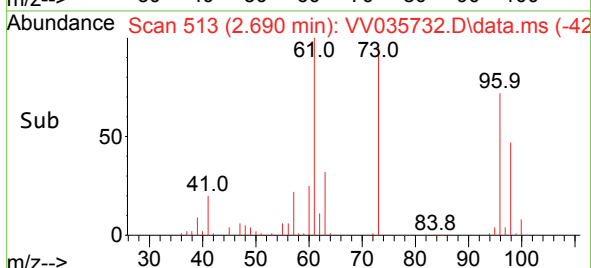
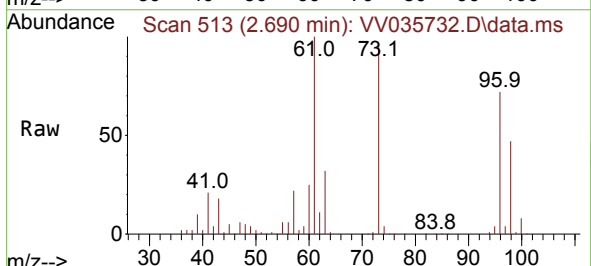


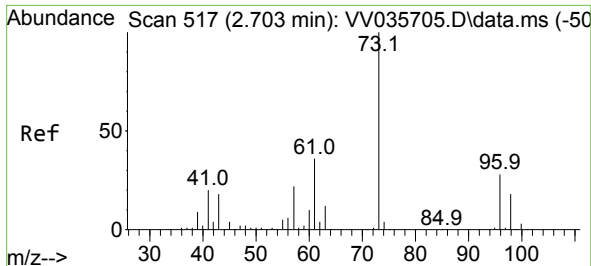
Tgt Ion: 84 Resp: 263906
Ion Ratio Lower Upper
84 100
86 64.3 43.8 81.3
49 112.5 75.3 139.9



#17
trans-1,2-Dichloroethene
Concen: 24.083 ug/L
RT: 2.690 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

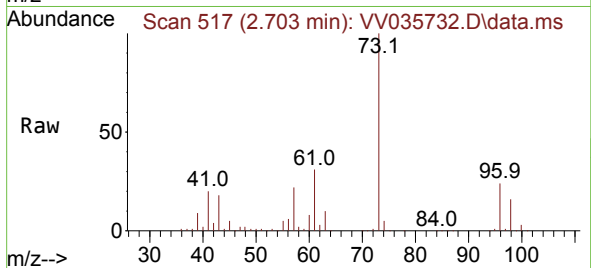
Tgt Ion: 96 Resp: 216779
Ion Ratio Lower Upper
96 100
61 138.0 95.5 177.4
98 64.7 46.0 85.4



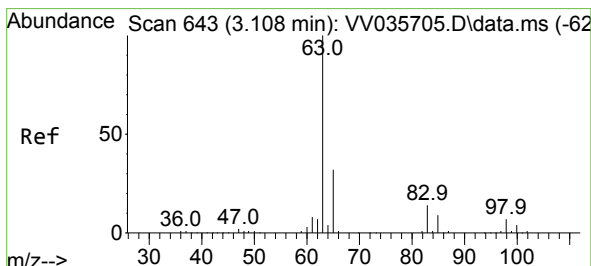
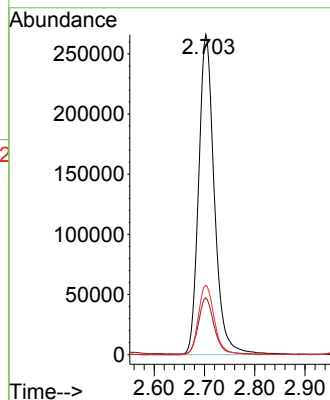
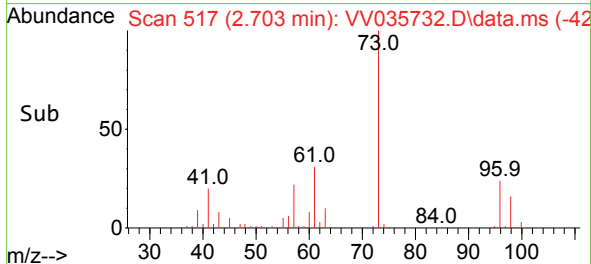


#18
Methyl tert-butyl Ether
Concen: 26.666 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

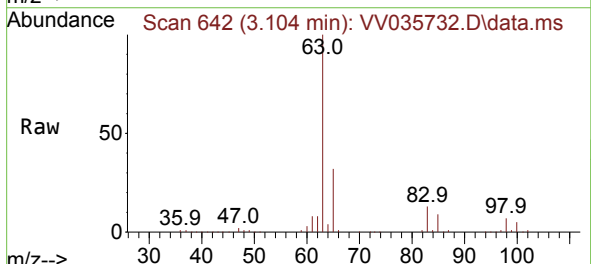
Instrument :
MSVOA_V
ClientSampleId :



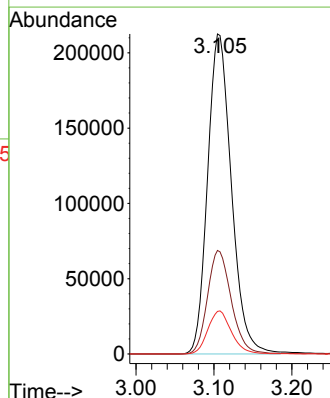
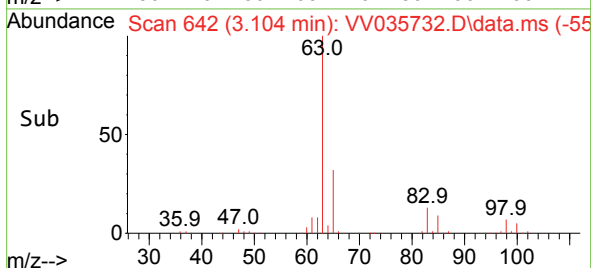
Tgt Ion:	73	Resp:	578989
Ion	Ratio	Lower	Upper
73	100		
43	17.2	13.3	19.9
57	22.2	17.4	26.2

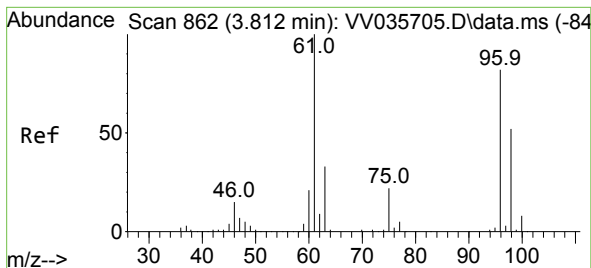


#19
1,1-Dichloroethane
Concen: 26.712 ug/L
RT: 3.104 min Scan# 642
Delta R.T. -0.003 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20



Tgt Ion:	63	Resp:	450757
Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.7	42.3
83	13.3	9.7	17.9





#20

cis-1,2-Dichloroethene

Concen: 24.840 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.003 min

Lab File: VV035732.D

Acq: 24 May 2024 08:20

Instrument :

MSVOA_V

ClientSampleId :

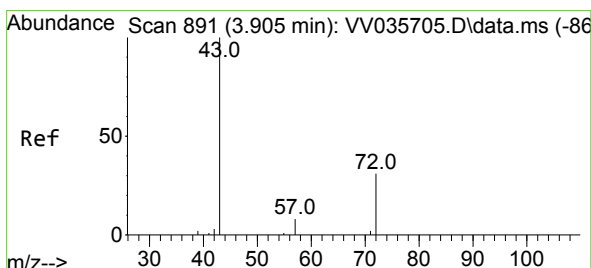
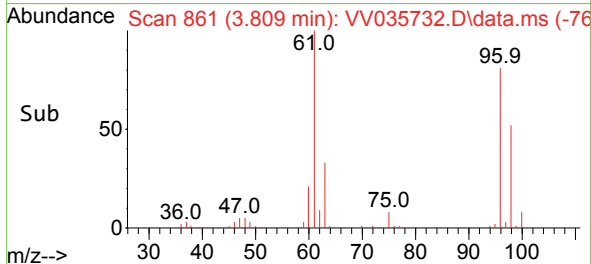
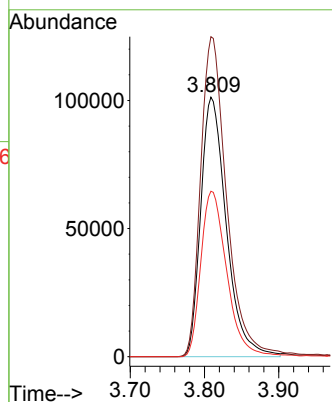
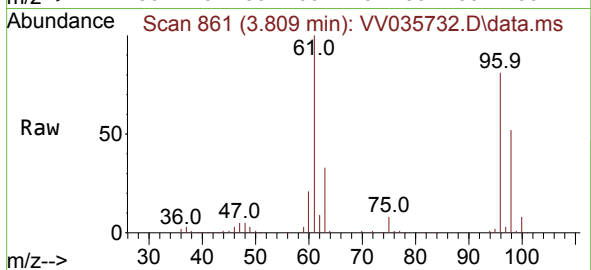
Tgt Ion: 96 Resp: 242391

Ion Ratio Lower Upper

96 100

61 123.3 83.9 155.9

98 63.7 44.0 81.8



#22

2-Butanone

Concen: 39.368 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.006 min

Lab File: VV035732.D

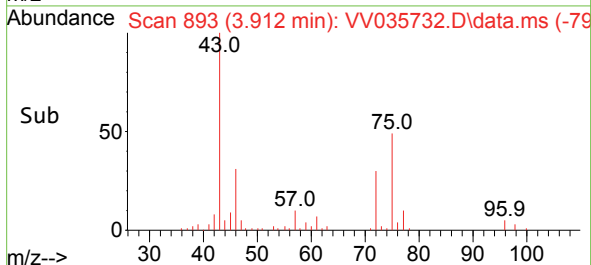
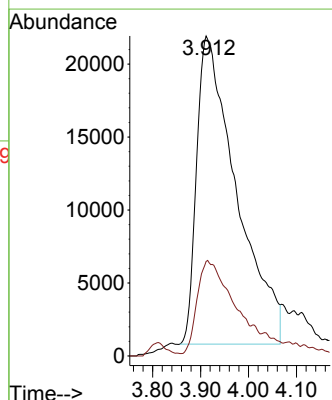
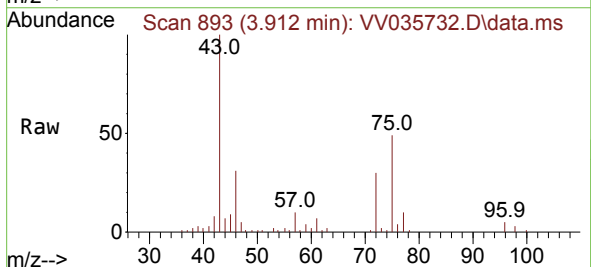
Acq: 24 May 2024 08:20

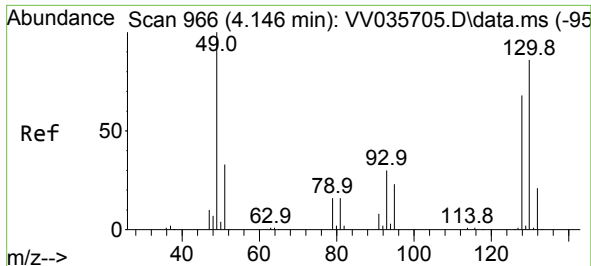
Tgt Ion: 43 Resp: 121335

Ion Ratio Lower Upper

43 100

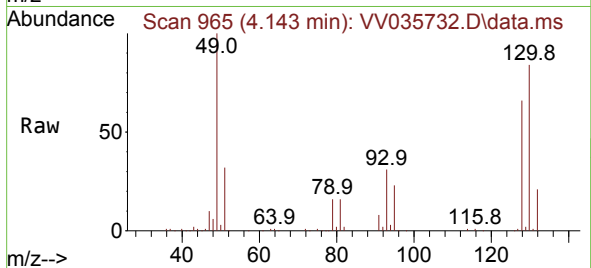
72 10.3 12.3 36.9#



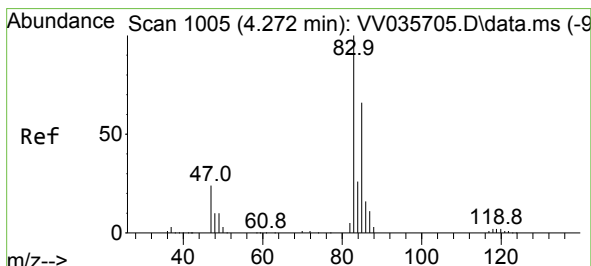
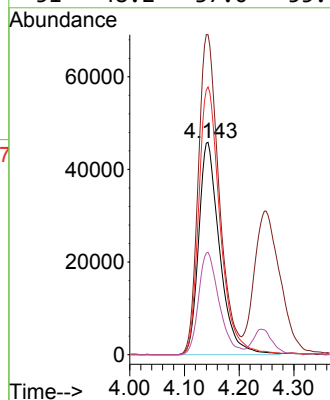
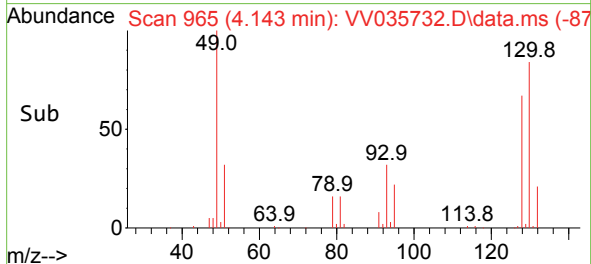


#23
Bromochloromethane
Concen: 25.798 ug/L
RT: 4.143 min Scan# 90
Delta R.T. -0.003 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

Instrument :
MSVOA_V
ClientSampleId :

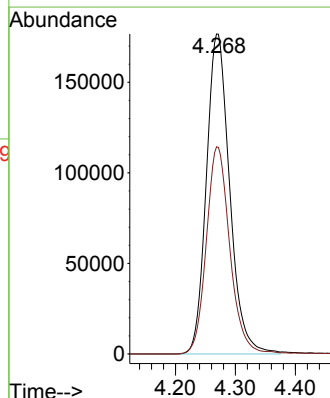
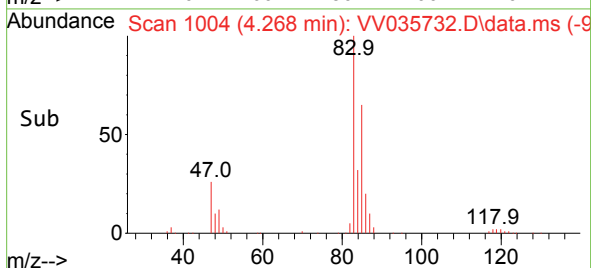
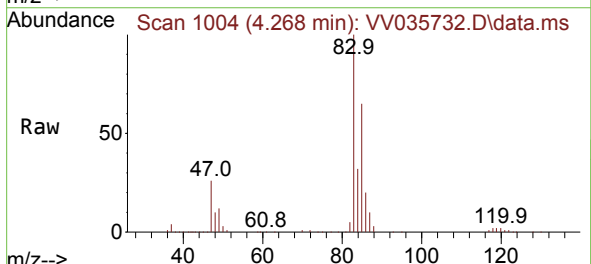


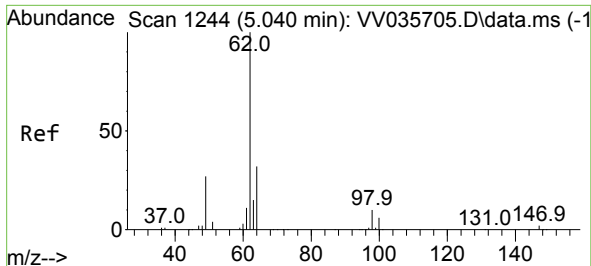
Tgt Ion:128 Resp: 121753
Ion Ratio Lower Upper
128 100
49 150.7 103.1 191.5
130 126.1 91.8 170.4
51 48.2 37.0 55.4



#25
Chloroform
Concen: 27.396 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. -0.003 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

Tgt Ion: 83 Resp: 477390
Ion Ratio Lower Upper
83 100
85 64.7 44.7 82.9

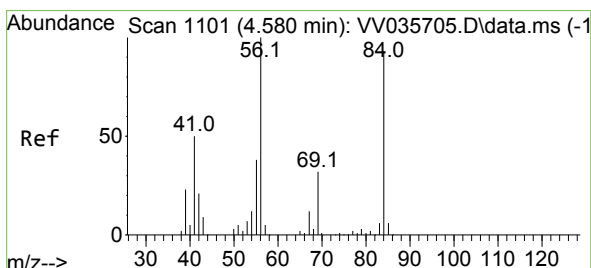
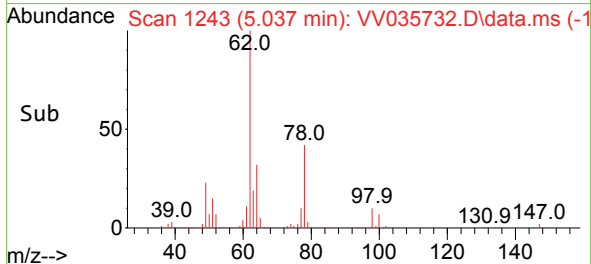
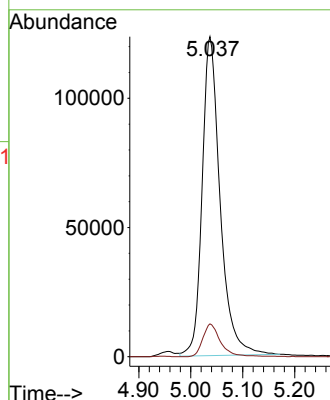
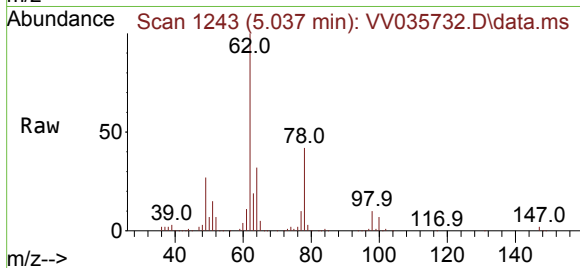




#27
1,2-Dichloroethane
Concen: 27.360 ug/L
RT: 5.037 min Scan# 1100
Delta R.T. -0.003 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

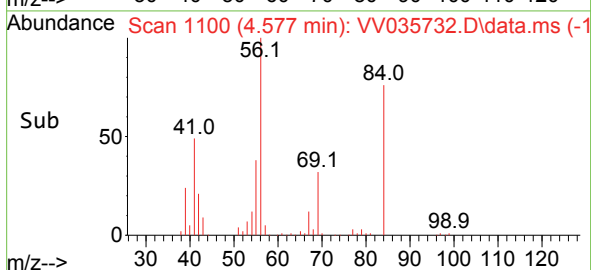
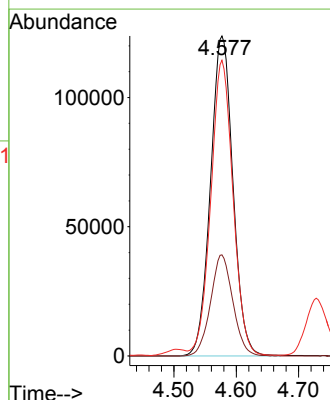
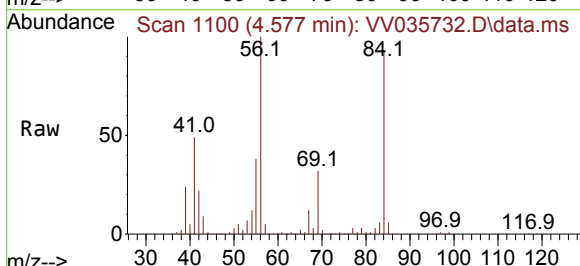
Instrument :
MSVOA_V
ClientSampleId :

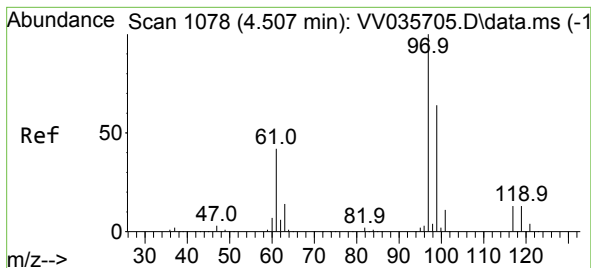
Tgt Ion: 62 Resp: 296878
Ion Ratio Lower Upper
62 100
98 10.3 8.2 12.2



#29
Cyclohexane
Concen: 25.027 ug/L
RT: 4.577 min Scan# 1100
Delta R.T. -0.003 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

Tgt Ion: 56 Resp: 309499
Ion Ratio Lower Upper
56 100
69 31.4 25.6 38.4
84 90.9 74.8 112.2





#30

1,1,1-Trichloroethane

Concen: 28.167 ug/L

RT: 4.506 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV035732.D

Acq: 24 May 2024 08:20

Instrument :

MSVOA_V

ClientSampleId :

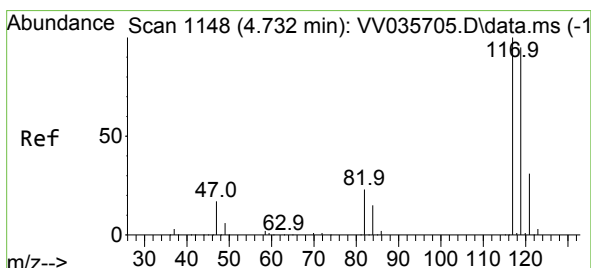
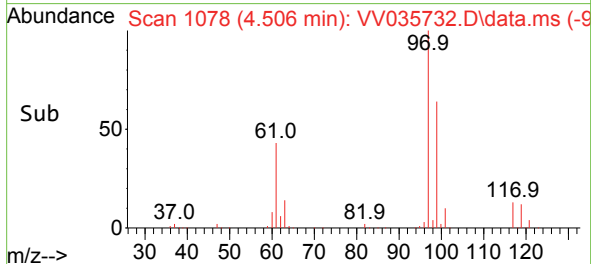
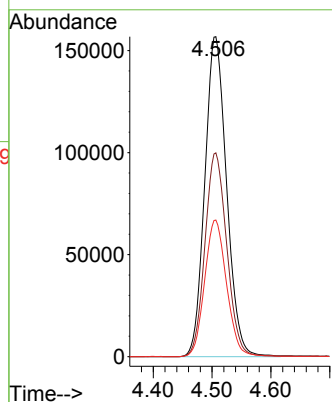
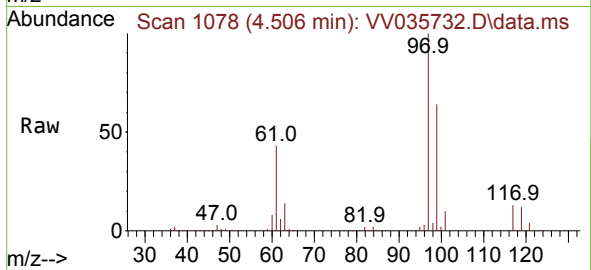
Tgt Ion: 97 Resp: 403874

Ion Ratio Lower Upper

97 100

99 63.8 51.7 77.5

61 42.9 33.5 50.3



#31

Carbon tetrachloride

Concen: 27.548 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. -0.003 min

Lab File: VV035732.D

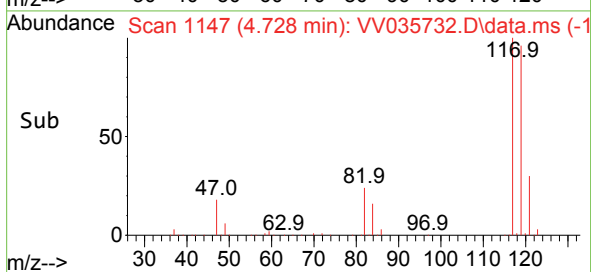
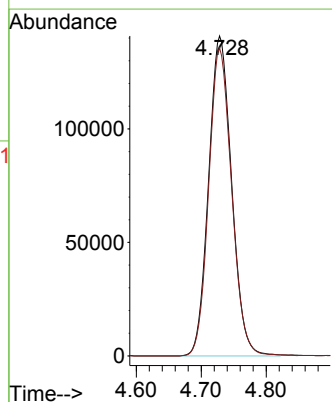
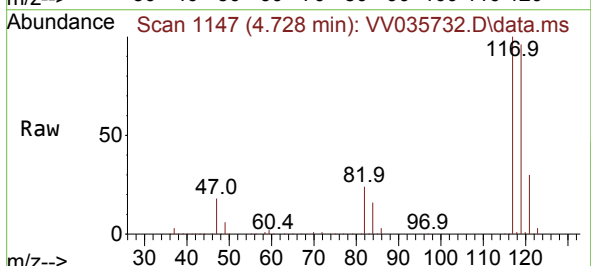
Acq: 24 May 2024 08:20

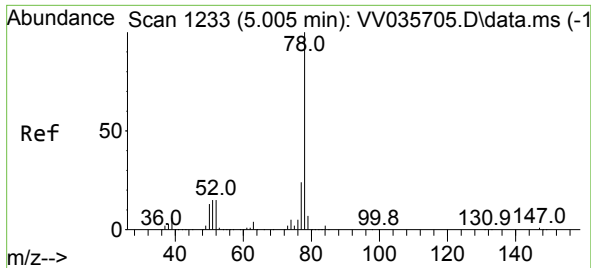
Tgt Ion: 117 Resp: 346575

Ion Ratio Lower Upper

117 100

119 95.9 77.3 115.9





#33

Benzene

Concen: 27.509 ug/L

RT: 5.005 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV035732.D

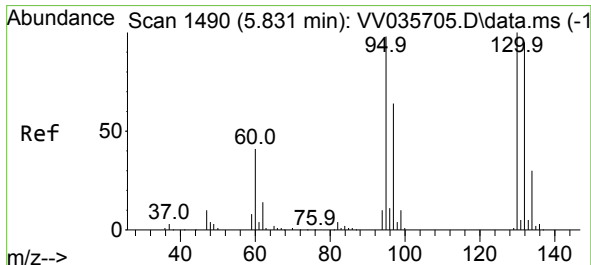
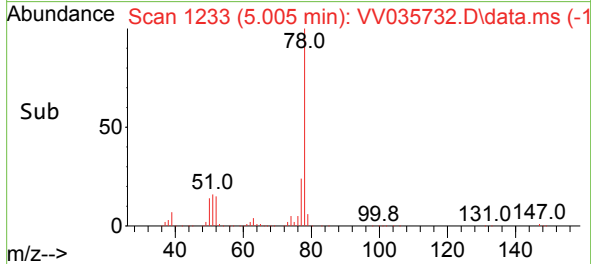
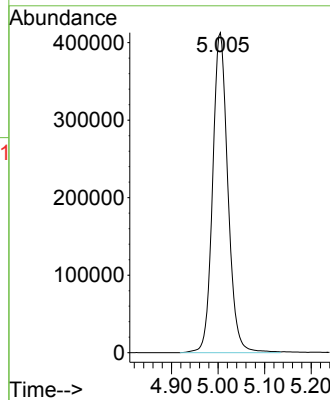
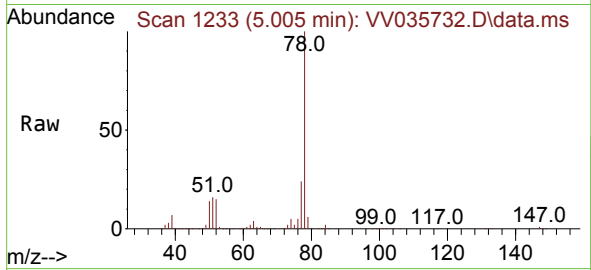
Acq: 24 May 2024 08:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 941501



#34

Trichloroethene

Concen: 28.118 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.003 min

Lab File: VV035732.D

Acq: 24 May 2024 08:20

Tgt Ion: 95 Resp: 272214

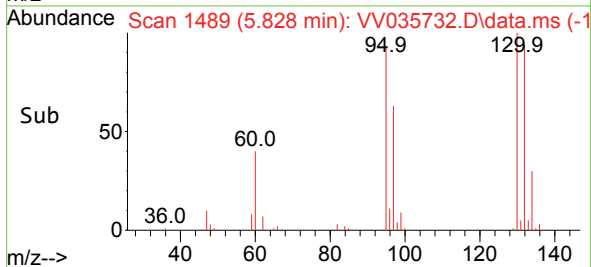
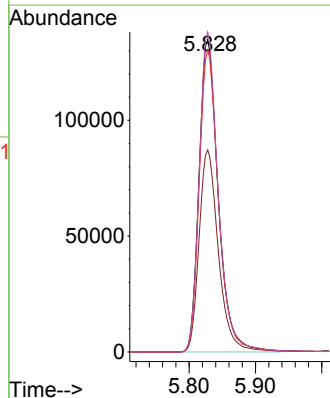
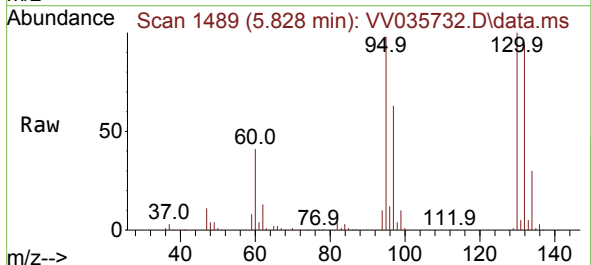
Ion Ratio Lower Upper

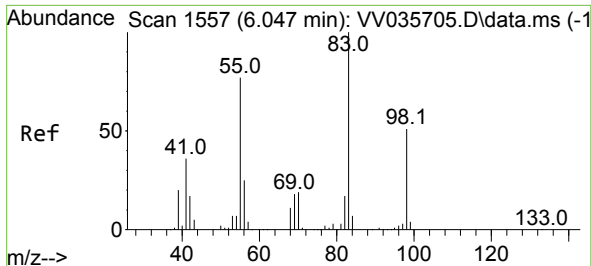
95 100

97 64.7 43.8 81.4

132 96.7 67.1 124.7

130 102.5 70.7 131.3

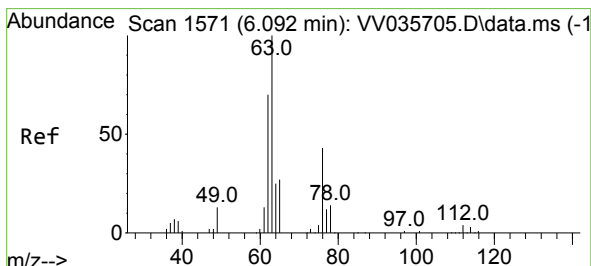
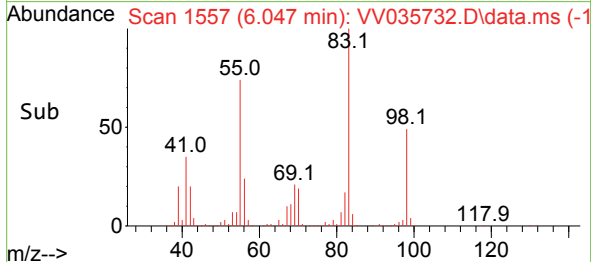
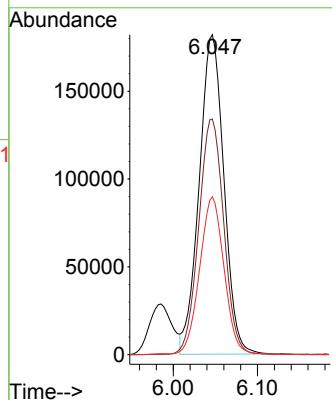
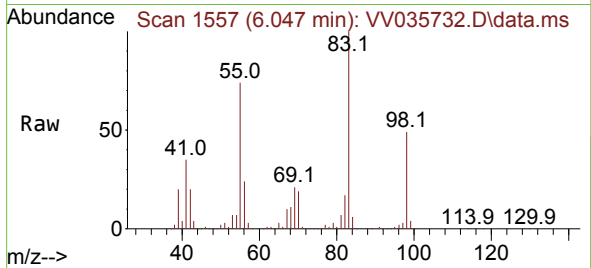




#35
Methylcyclohexane
Concen: 25.242 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

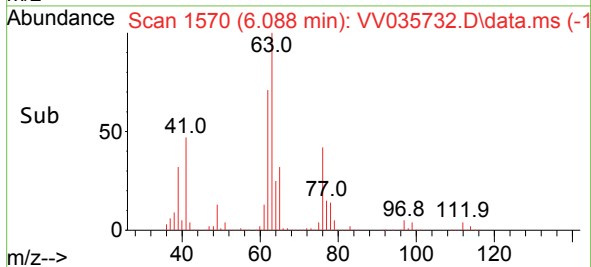
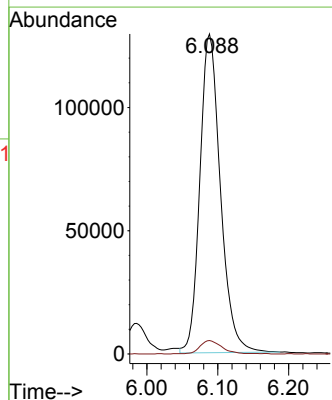
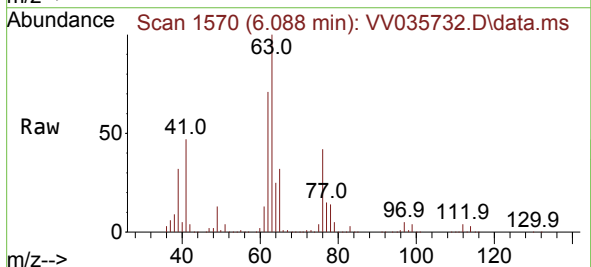
Instrument :
MSVOA_V
ClientSampleId :

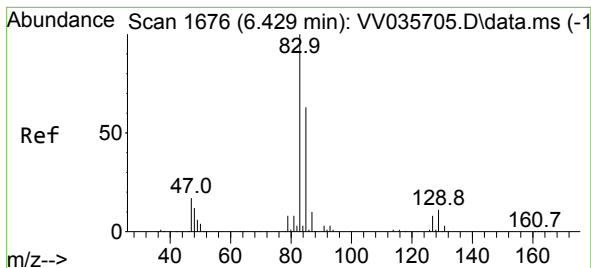
Tgt Ion: 83 Resp: 371001
Ion Ratio Lower Upper
83 100
55 74.7 57.5 86.3
98 48.8 38.6 58.0



#37
1,2-Dichloropropane
Concen: 29.205 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.003 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

Tgt Ion: 63 Resp: 260785
Ion Ratio Lower Upper
63 100
112 4.3 3.8 5.6





#38

Bromodichloromethane

Concen: 28.768 ug/L

RT: 6.429 min Scan# 1

Delta R.T. -0.000 min

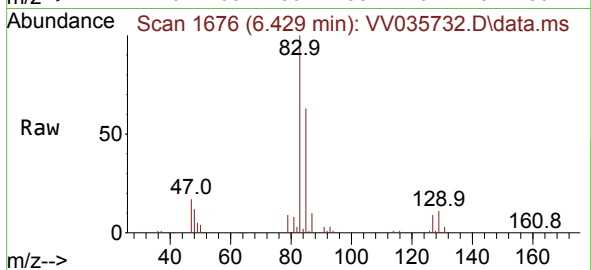
Lab File: VV035732.D

Acq: 24 May 2024 08:20

Instrument :

MSVOA_V

ClientSampleId :



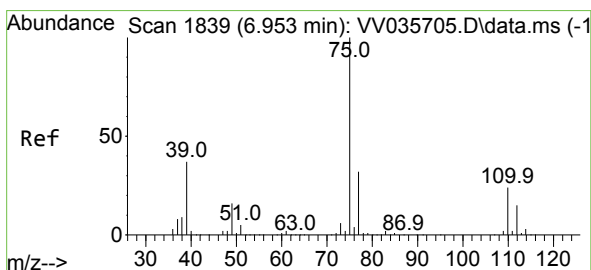
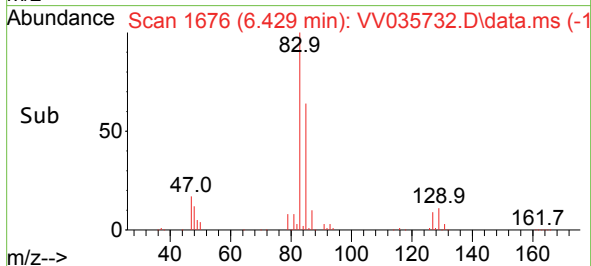
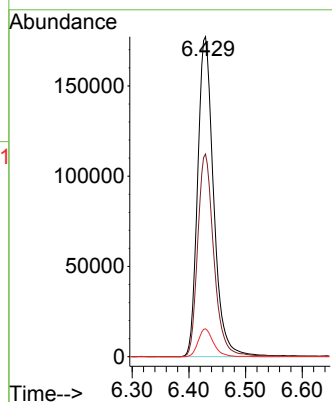
Tgt Ion: 83 Resp: 347994

Ion Ratio Lower Upper

83 100

85 63.3 45.1 83.9

127 8.7 7.0 10.6



#39

cis-1,3-Dichloropropene

Concen: 27.794 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. -0.003 min

Lab File: VV035732.D

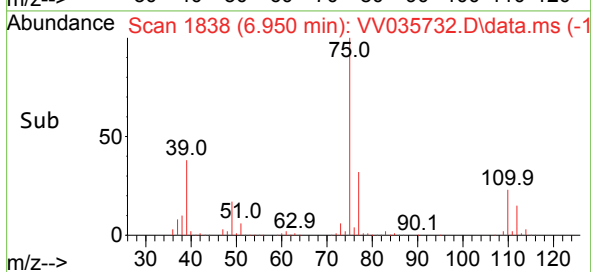
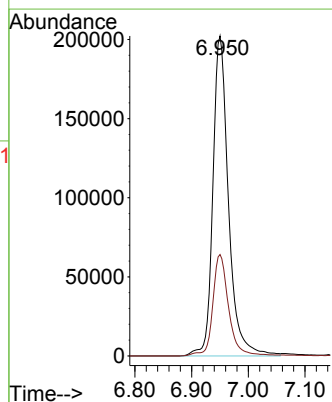
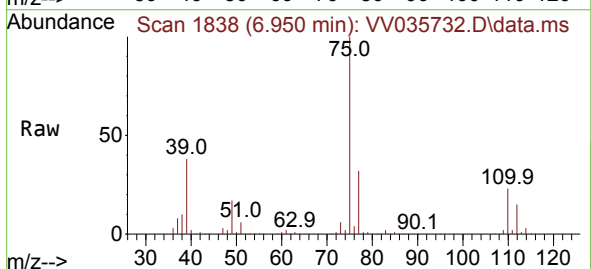
Acq: 24 May 2024 08:20

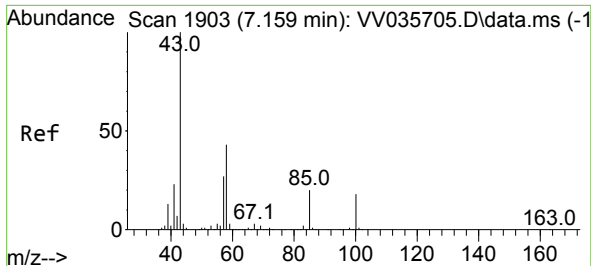
Tgt Ion: 75 Resp: 388184

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.9

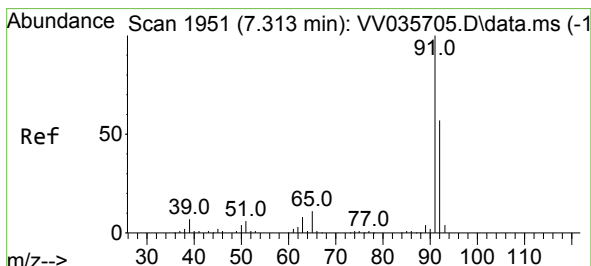
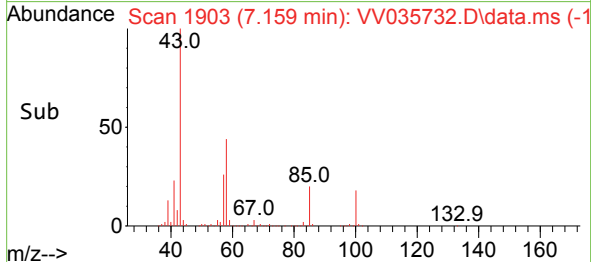
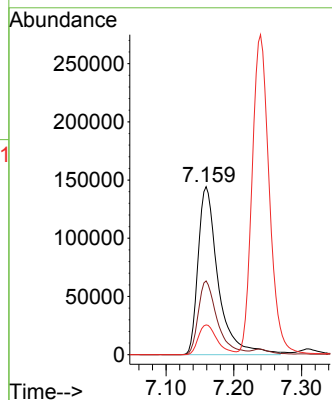
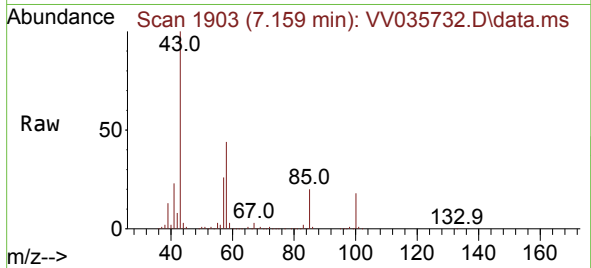




#40
4-Methyl-2-pentanone
Concen: 55.641 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

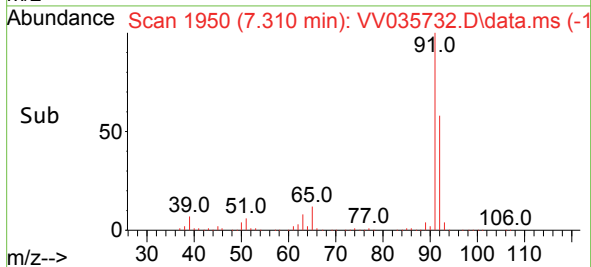
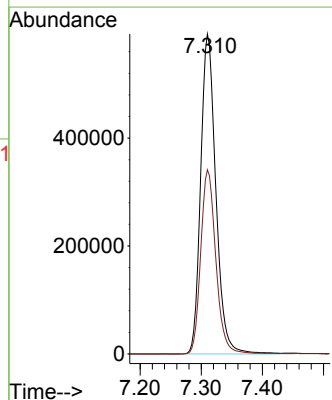
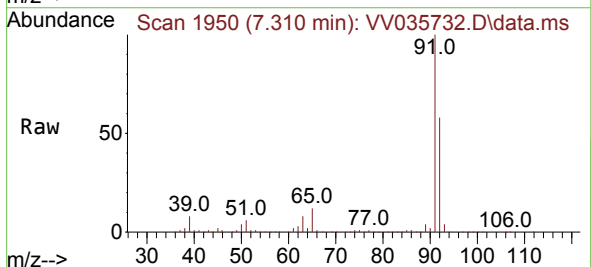
Instrument :
MSVOA_V
ClientSampleId :

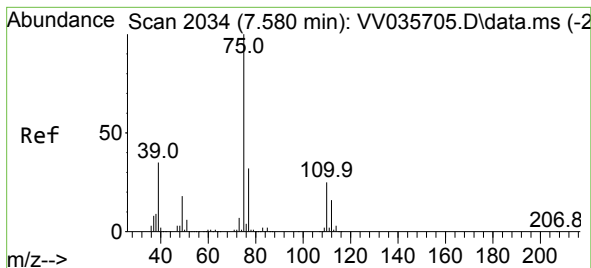
Tgt Ion: 43 Resp: 297559
Ion Ratio Lower Upper
43 100
58 41.7 34.8 52.2
100 16.8 13.9 20.9



#42
Toluene
Concen: 28.203 ug/L
RT: 7.310 min Scan# 1950
Delta R.T. -0.003 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

Tgt Ion: 91 Resp: 1021500
Ion Ratio Lower Upper
91 100
92 57.5 40.2 74.6





#44

trans-1,3-Dichloropropene

Concen: 28.579 ug/L

RT: 7.577 min Scan# 2034

Delta R.T. -0.003 min

Lab File: VV035732.D

Acq: 24 May 2024 08:20

Instrument :

MSVOA_V

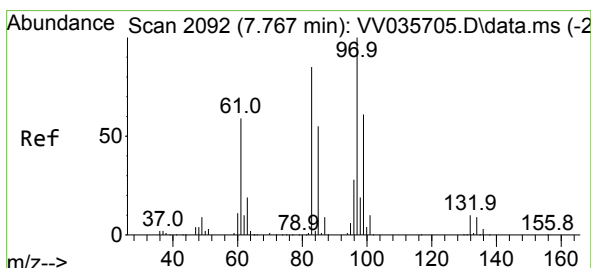
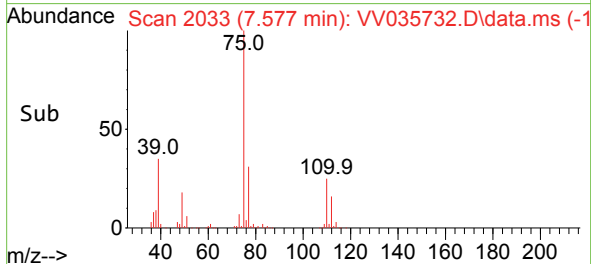
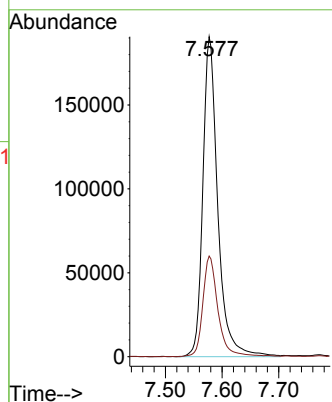
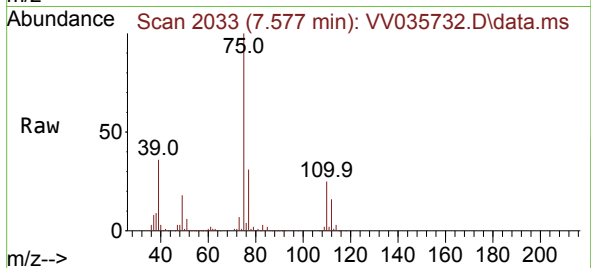
ClientSampleId :

Tgt Ion: 75 Resp: 349166

Ion Ratio Lower Upper

75 100

77 31.5 22.4 41.6



#45

1,1,2-Trichloroethane

Concen: 28.720 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. -0.000 min

Lab File: VV035732.D

Acq: 24 May 2024 08:20

Tgt Ion: 97 Resp: 217907

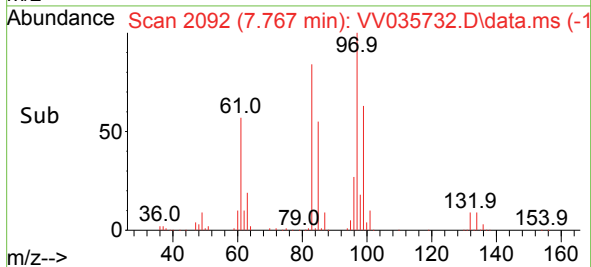
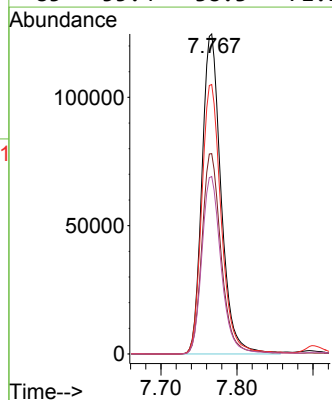
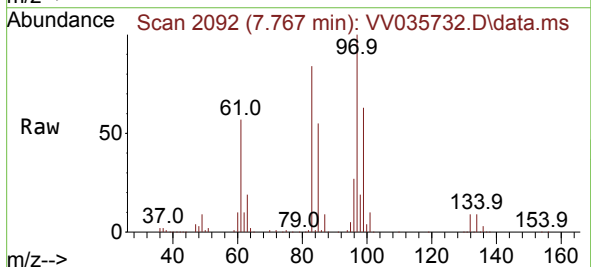
Ion Ratio Lower Upper

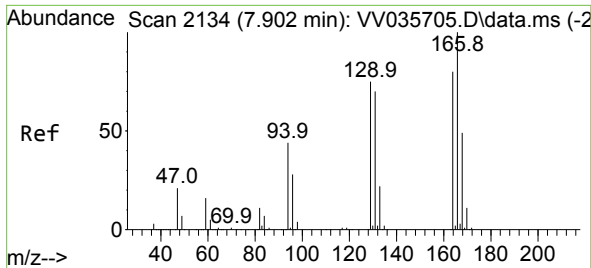
97 100

99 62.6 43.3 80.3

83 84.2 60.3 111.9

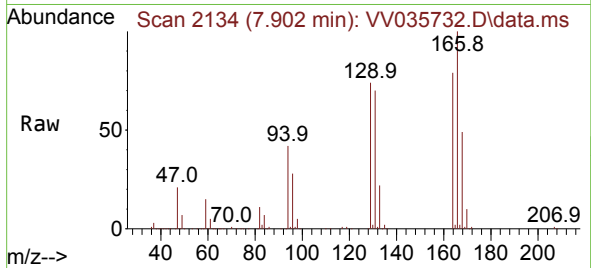
85 55.4 38.3 71.1



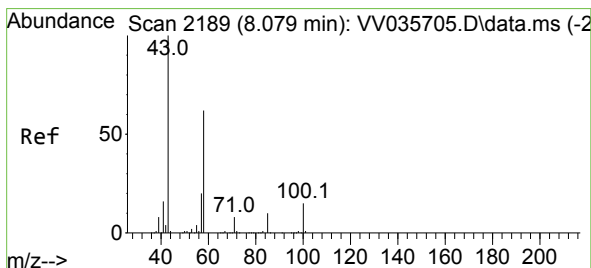
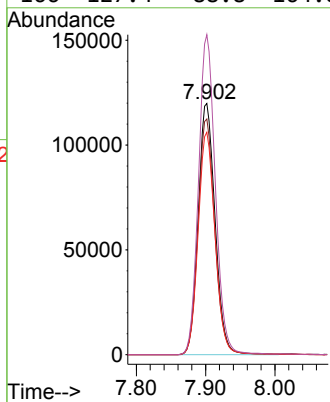
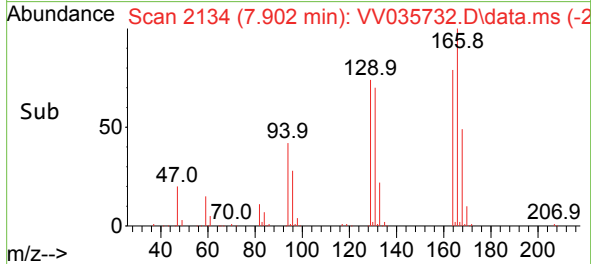


#46
Tetrachloroethene
Concen: 25.914 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

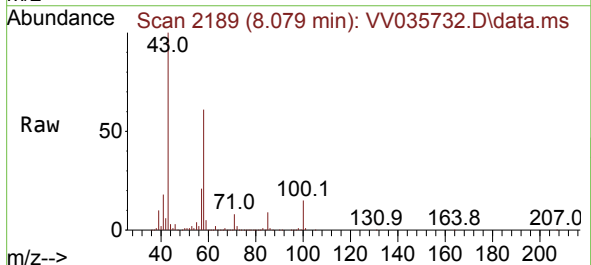
Instrument :
MSVOA_V
ClientSampleId :



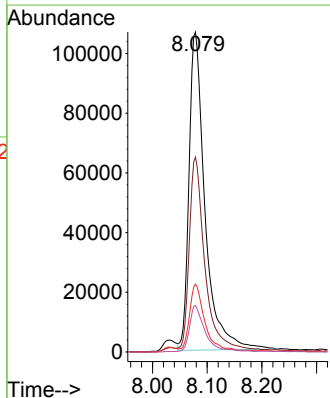
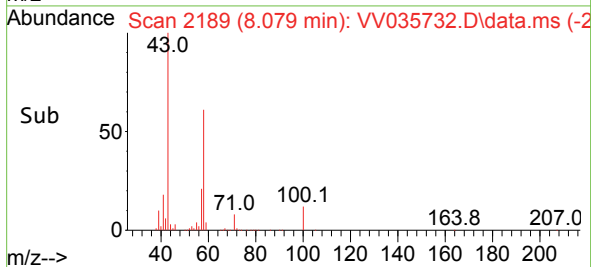
Tgt Ion:164 Resp: 203823
Ion Ratio Lower Upper
164 100
129 93.8 63.4 117.8
131 88.5 61.0 113.4
166 127.4 88.8 164.8

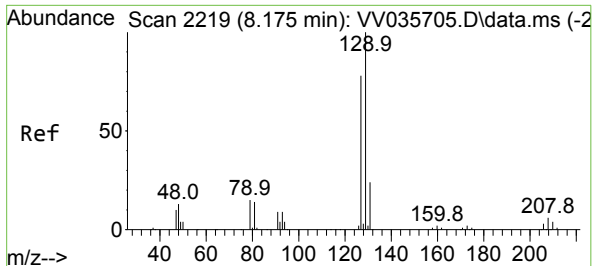


#48
2-Hexanone
Concen: 53.982 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20



Tgt Ion: 43 Resp: 216450
Ion Ratio Lower Upper
43 100
58 58.4 48.8 73.2
57 18.2 16.9 25.3
100 13.9 11.7 17.5





#49

Dibromochloromethane

Concen: 28.280 ug/L

RT: 8.172 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV035732.D

Acq: 24 May 2024 08:20

Instrument :

MSVOA_V

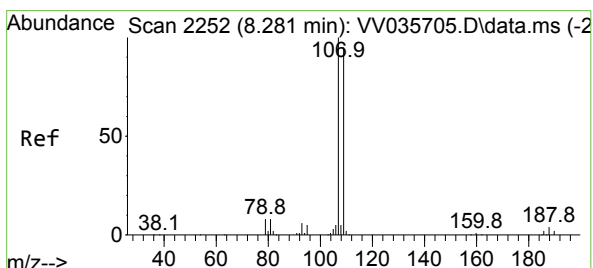
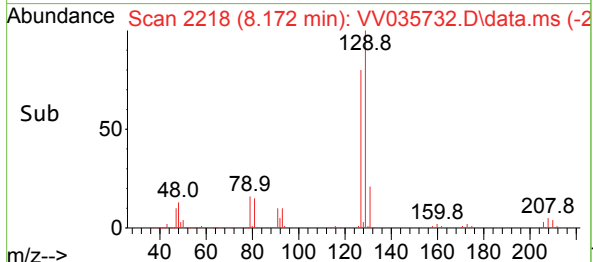
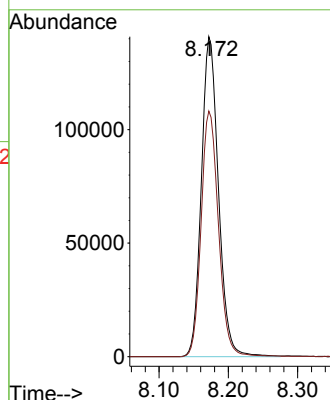
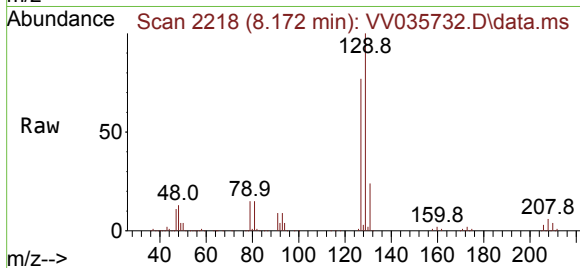
ClientSampleId :

Tgt Ion:129 Resp: 242105

Ion Ratio Lower Upper

129 100

127 76.7 53.8 99.8



#50

1,2-Dibromoethane

Concen: 27.530 ug/L

RT: 8.278 min Scan# 2251

Delta R.T. -0.003 min

Lab File: VV035732.D

Acq: 24 May 2024 08:20

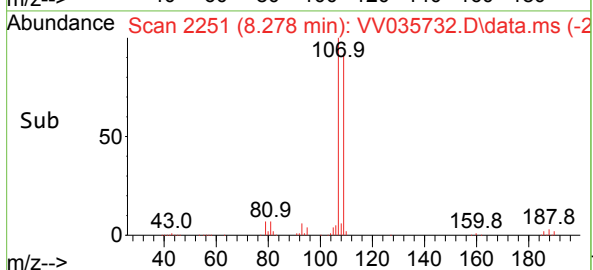
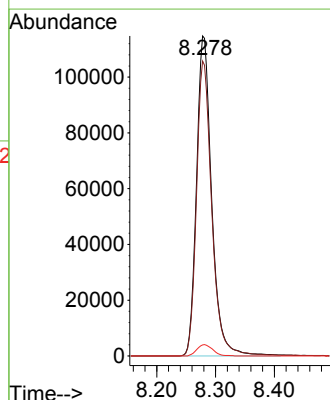
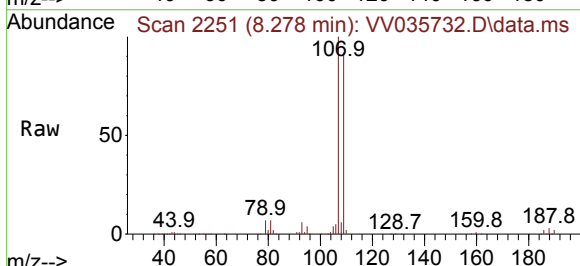
Tgt Ion:107 Resp: 205772

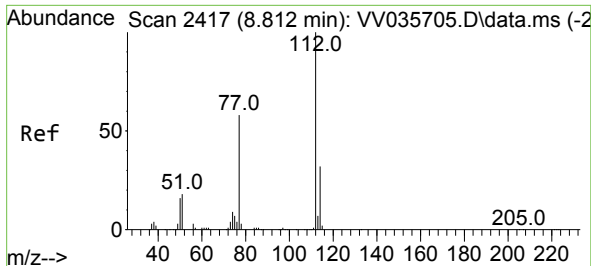
Ion Ratio Lower Upper

107 100

109 92.2 65.4 121.4

188 3.5 2.9 4.3

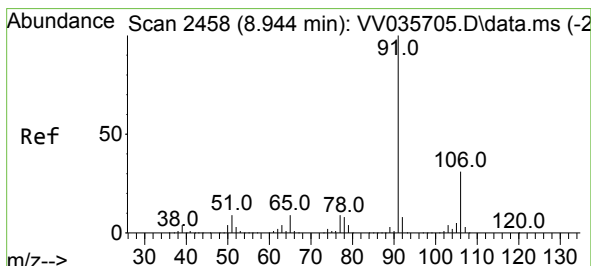
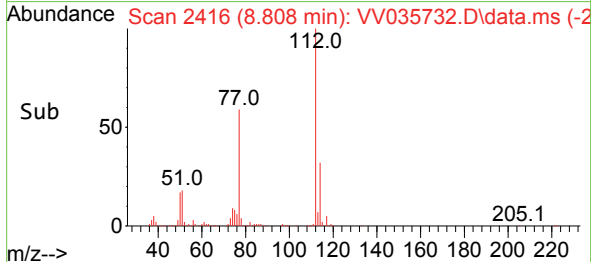
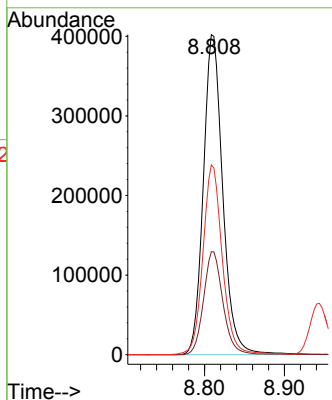
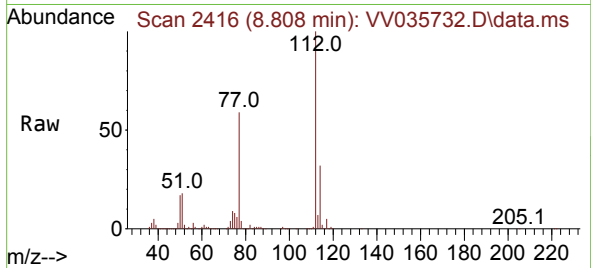




#51
Chlorobenzene
Concen: 27.008 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.003 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

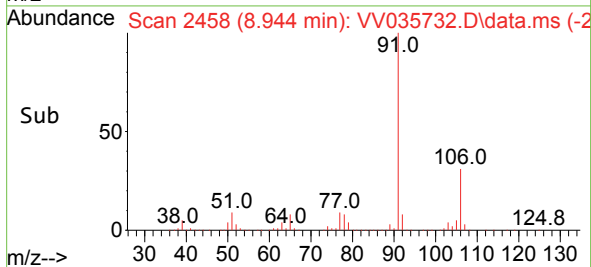
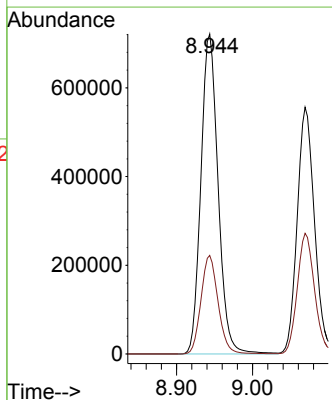
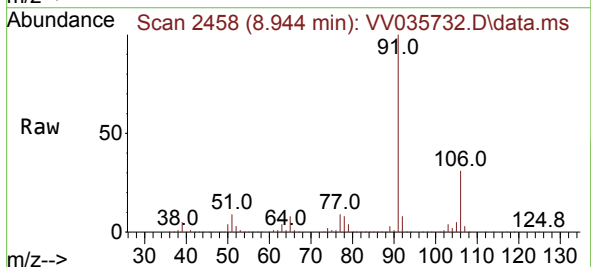
Instrument :
MSVOA_V
ClientSampleId :

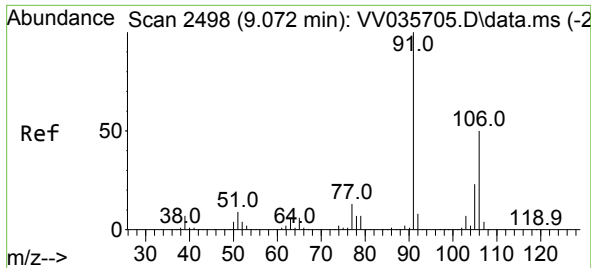
Tgt Ion:112 Resp: 678781
Ion Ratio Lower Upper
112 100
114 32.2 22.5 41.7
77 59.3 46.6 69.8



#52
Ethylbenzene
Concen: 28.318 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

Tgt Ion: 91 Resp: 1132464
Ion Ratio Lower Upper
91 100
106 30.8 21.7 40.3

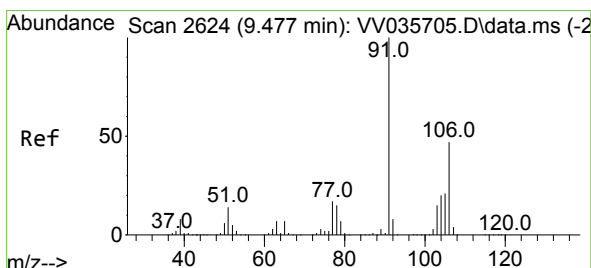
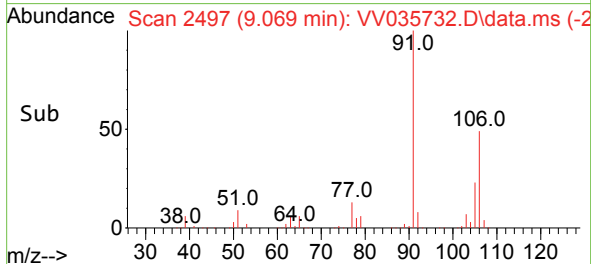
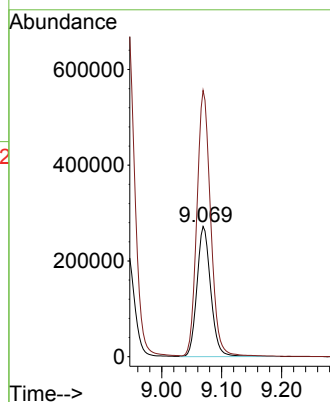
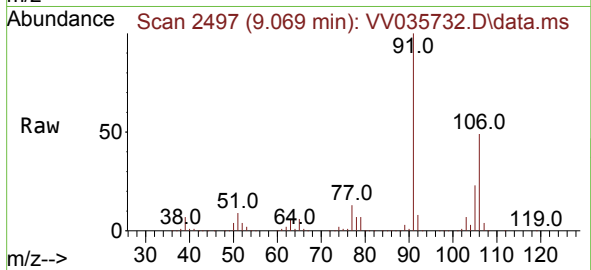




#53
m,p-Xylene
Concen: 28.608 ug/L
RT: 9.069 min Scan# 2498
Delta R.T. -0.003 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

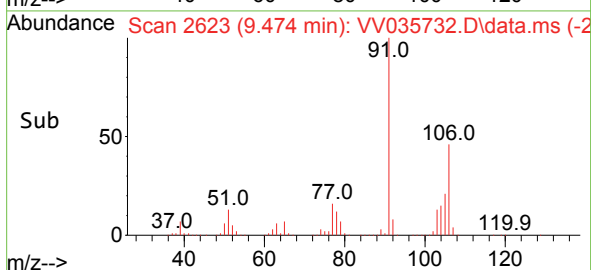
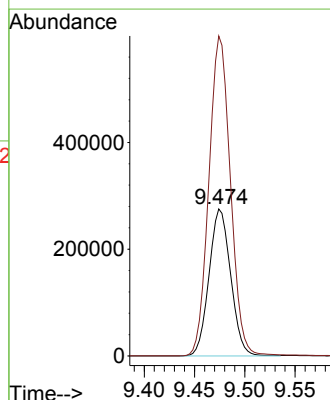
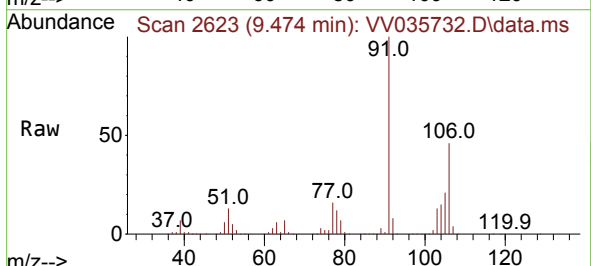
Instrument :
MSVOA_V
ClientSampleId :

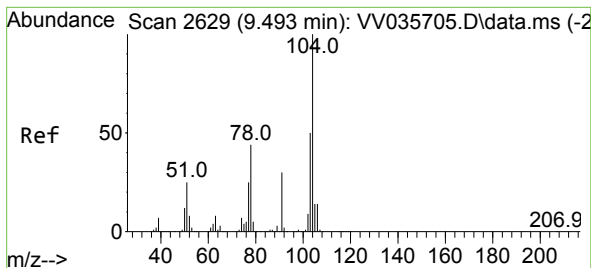
Tgt Ion:106 Resp: 434053
Ion Ratio Lower Upper
106 100
91 204.5 142.7 264.9



#54
o-Xylene
Concen: 28.707 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.003 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

Tgt Ion:106 Resp: 412805
Ion Ratio Lower Upper
106 100
91 217.7 150.9 280.3





#55

Styrene

Concen: 30.549 ug/L

RT: 9.493 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV035732.D

Acq: 24 May 2024 08:20

Instrument :

MSVOA_V

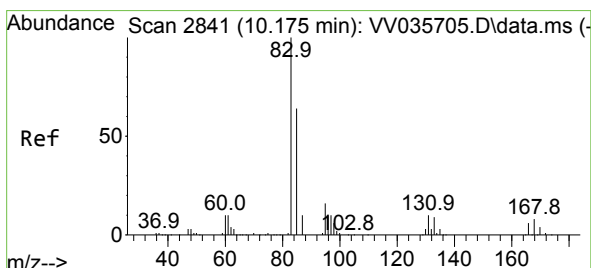
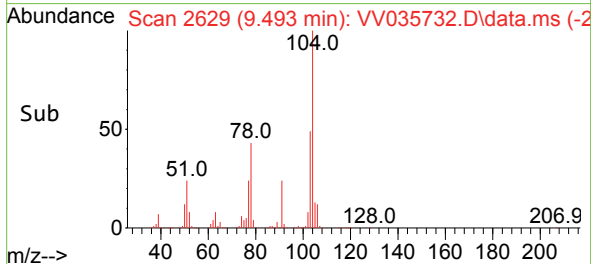
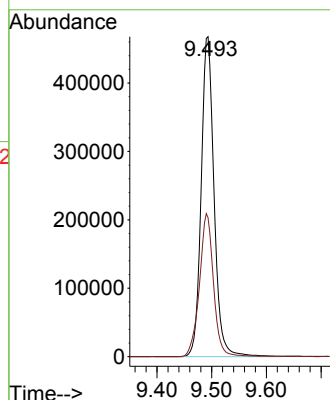
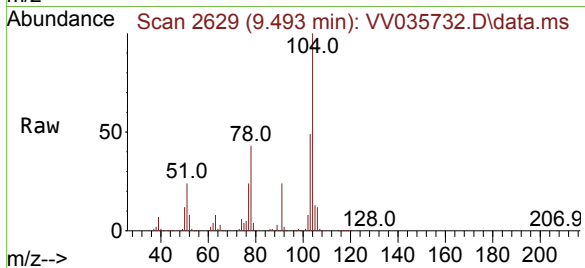
ClientSampleId :

Tgt Ion:104 Resp: 766195

Ion Ratio Lower Upper

104 100

78 43.5 30.0 55.6



#57

1,1,2,2-Tetrachloroethane

Concen: 24.373 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV035732.D

Acq: 24 May 2024 08:20

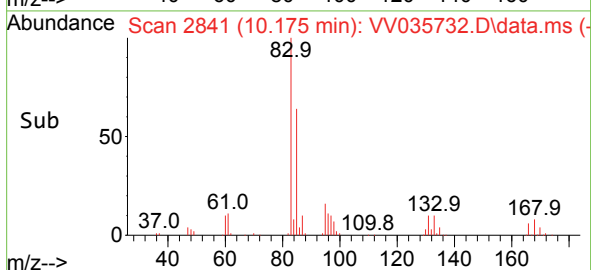
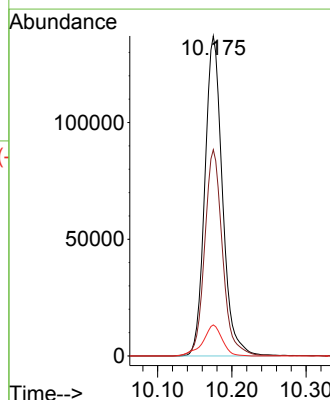
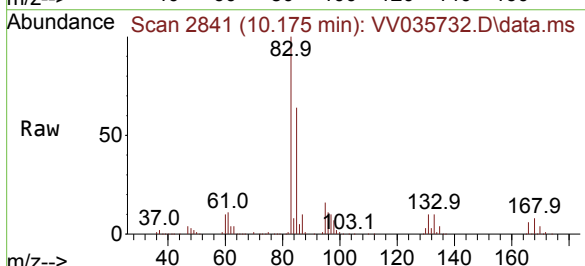
Tgt Ion: 83 Resp: 225262

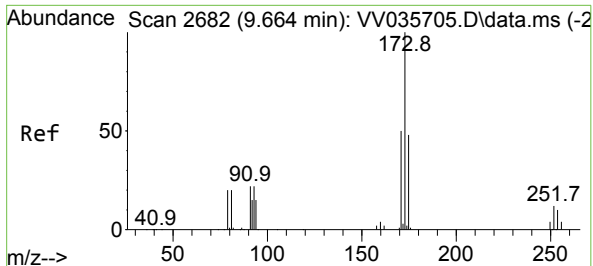
Ion Ratio Lower Upper

83 100

85 64.5 44.7 83.1

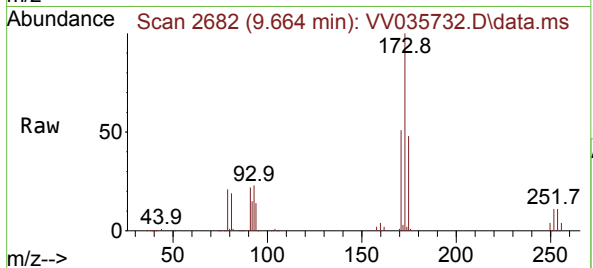
131 9.7 8.0 12.0



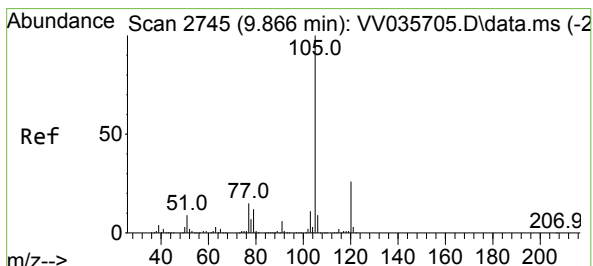
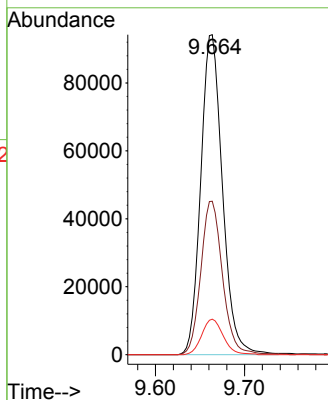
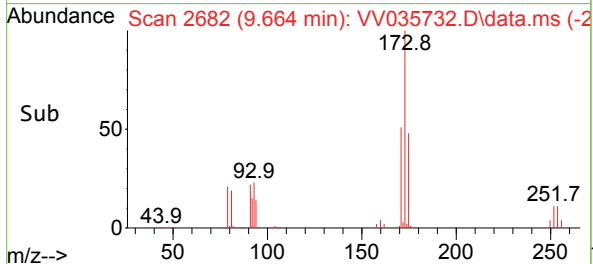


#59
Bromoform
Concen: 28.107 ug/L
RT: 9.664 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

Instrument :
MSVOA_V
ClientSampleId :

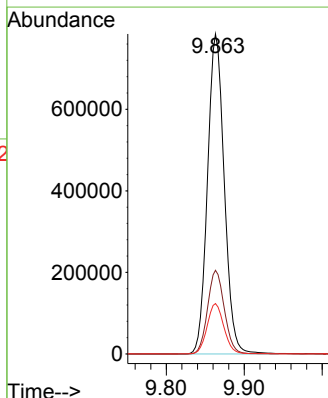
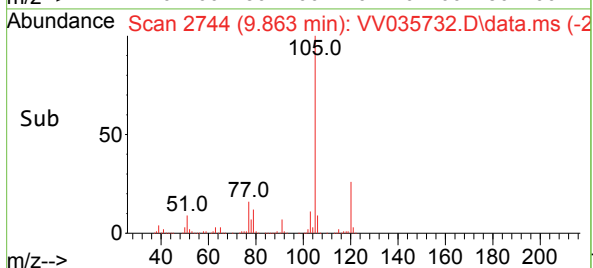
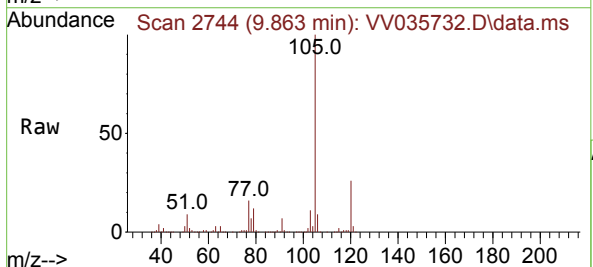


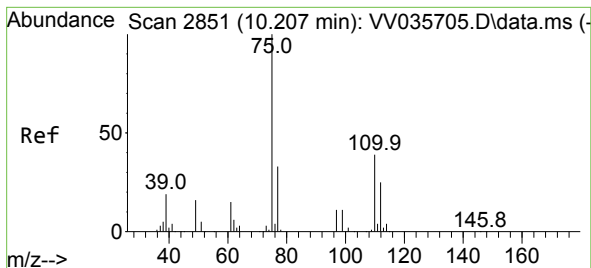
Tgt Ion:173 Resp: 159496
Ion Ratio Lower Upper
173 100
175 48.0 38.7 58.1
254 11.0 8.3 12.5



#60
Isopropylbenzene
Concen: 30.426 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. -0.003 min
Lab File: VV035732.D
Acq: 24 May 2024 08:20

Tgt Ion:105 Resp: 1170281
Ion Ratio Lower Upper
105 100
120 26.3 21.3 31.9
77 15.7 12.2 18.2





#61

1,2,3-Trichloropropane

Concen: 28.920 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. -0.000 min

Lab File: VV035732.D

Acq: 24 May 2024 08:20

Instrument :

MSVOA_V

ClientSampleId :

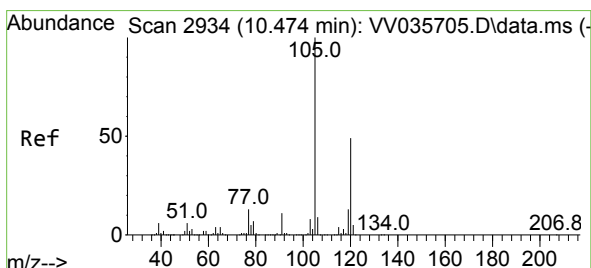
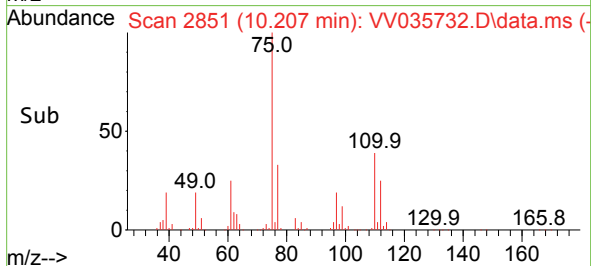
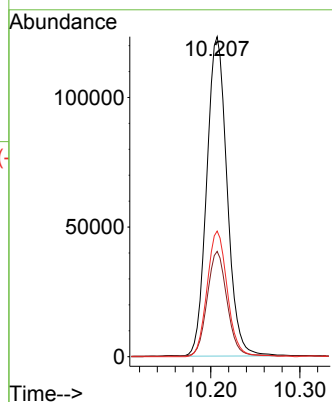
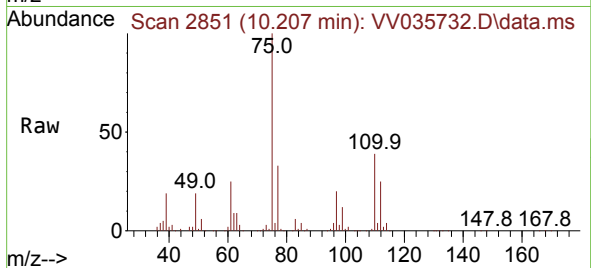
Tgt Ion: 75 Resp: 195677

Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5

110 39.2 31.8 47.8



#62

1,3,5-Trimethylbenzene

Concen: 31.333 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035732.D

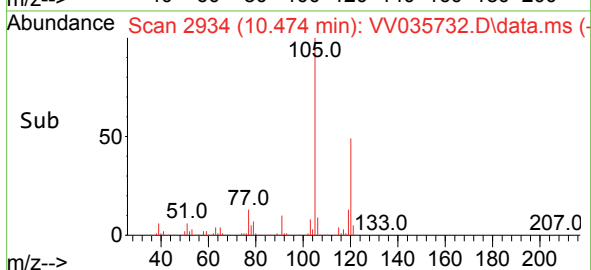
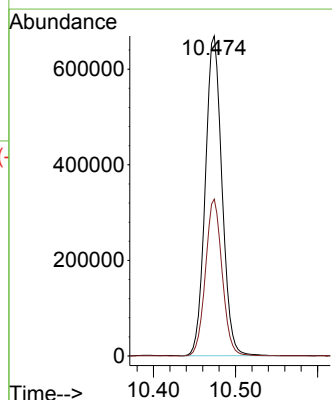
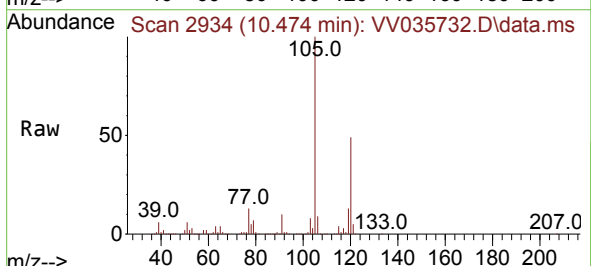
Acq: 24 May 2024 08:20

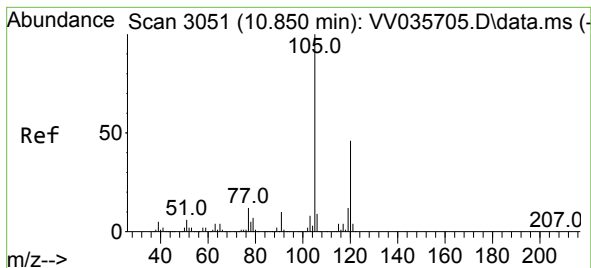
Tgt Ion: 105 Resp: 945420

Ion Ratio Lower Upper

105 100

120 49.0 39.4 59.0





#63

1,2,4-Trimethylbenzene

Concen: 30.742 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.003 min

Lab File: VV035732.D

Acq: 24 May 2024 08:20

Instrument :

MSVOA_V

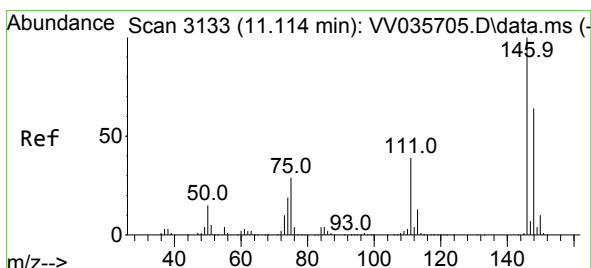
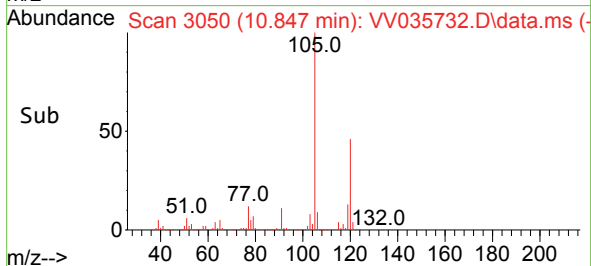
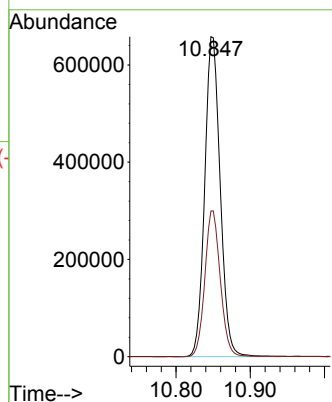
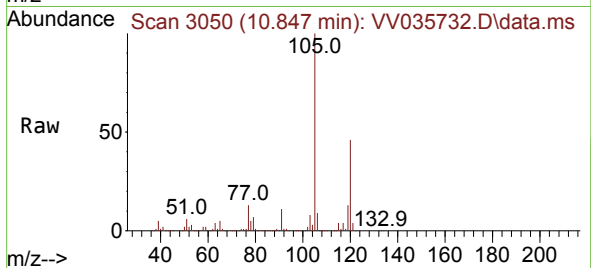
ClientSampleId :

Tgt Ion:105 Resp: 953222

Ion Ratio Lower Upper

105 100

120 45.6 36.6 55.0



#64

1,3-Dichlorobenzene

Concen: 28.904 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV035732.D

Acq: 24 May 2024 08:20

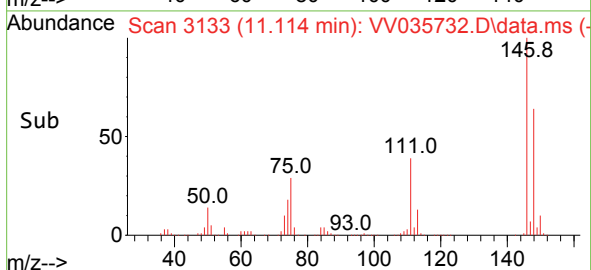
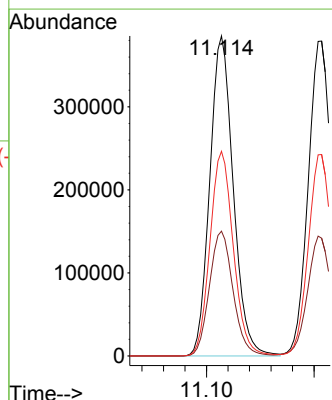
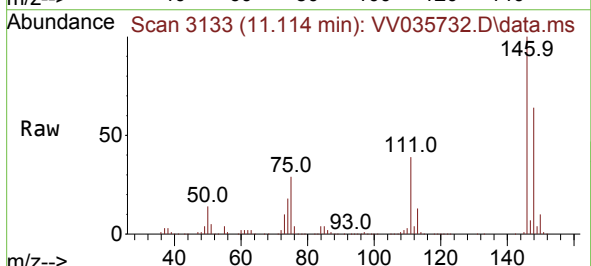
Tgt Ion:146 Resp: 583446

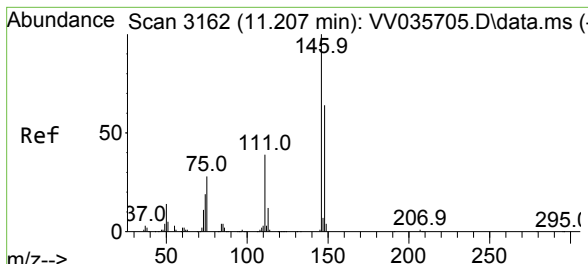
Ion Ratio Lower Upper

146 100

111 39.0 27.0 50.2

148 63.9 44.3 82.3

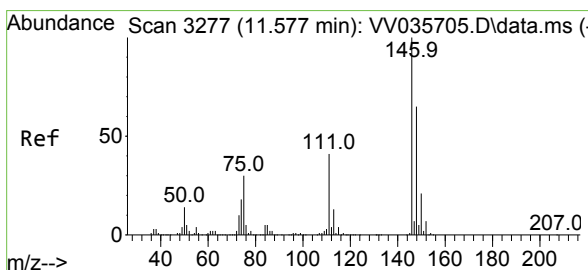
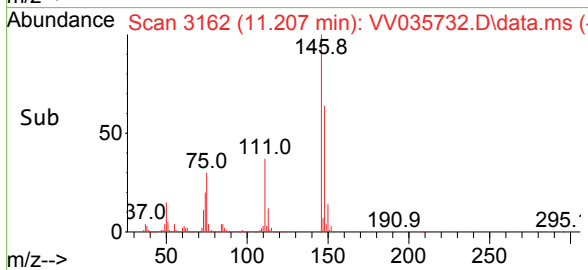
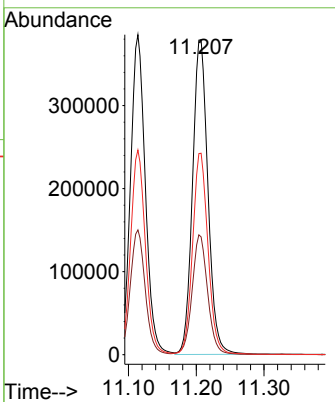
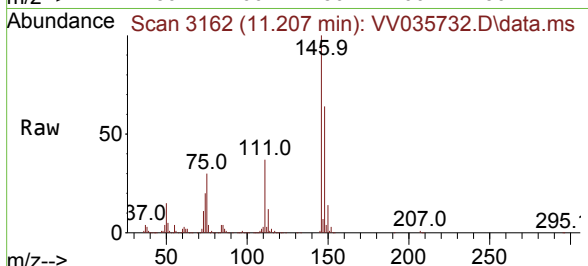




#65
 1,4-Dichlorobenzene
 Concen: 28.667 ug/L
 RT: 11.207 min Scan# 3162
 Delta R.T. -0.000 min
 Lab File: VV035732.D
 Acq: 24 May 2024 08:20

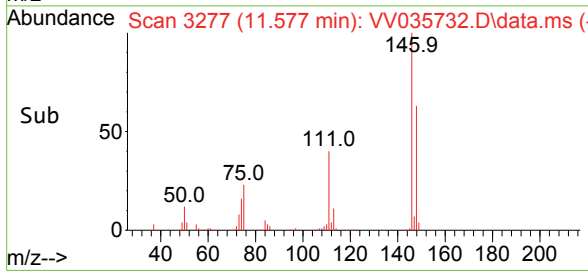
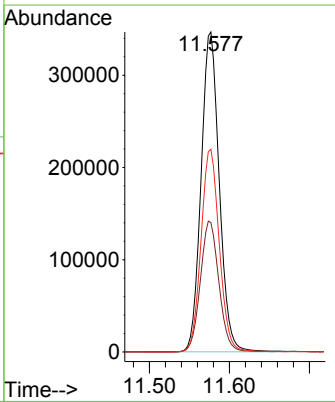
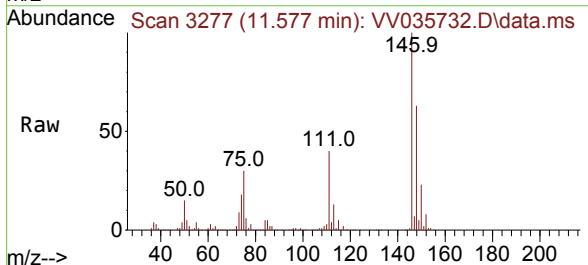
Instrument :
 MSVOA_V
 ClientSampleId :

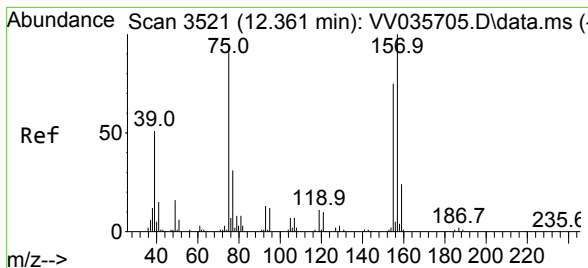
Tgt Ion:	146	Resp:	599037
Ion	Ratio	Lower	Upper
146	100		
111	37.4	26.2	48.6
148	63.9	44.9	83.3



#67
 1,2-Dichlorobenzene
 Concen: 28.847 ug/L
 RT: 11.577 min Scan# 3277
 Delta R.T. -0.000 min
 Lab File: VV035732.D
 Acq: 24 May 2024 08:20

Tgt Ion:	146	Resp:	548125
Ion	Ratio	Lower	Upper
146	100		
111	40.5	32.6	48.8
148	63.3	51.1	76.7

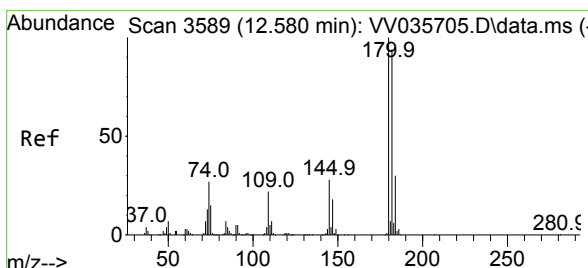
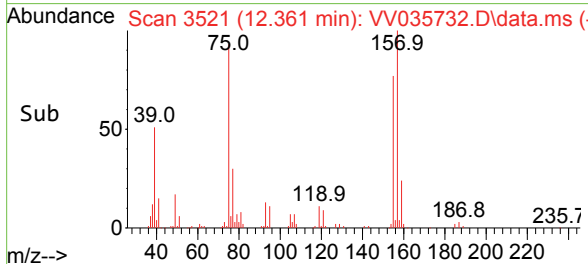
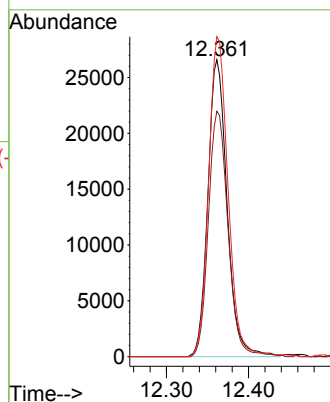
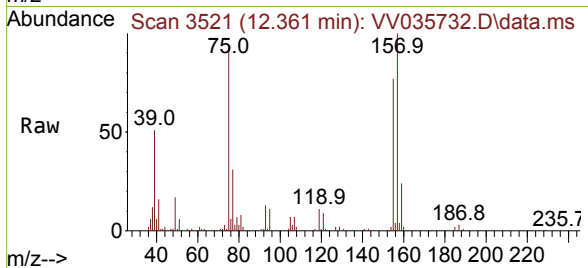




#68
 1,2-Dibromo-3-chloropropane
 Concen: 27.612 ug/L
 RT: 12.361 min Scan# 3521
 Delta R.T. -0.000 min
 Lab File: VV035732.D
 Acq: 24 May 2024 08:20

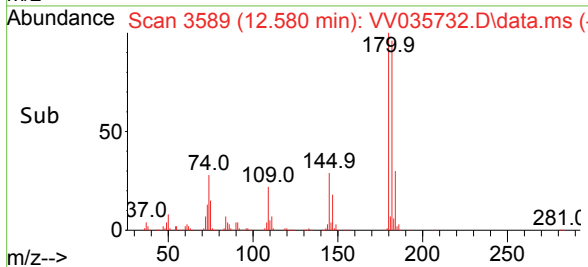
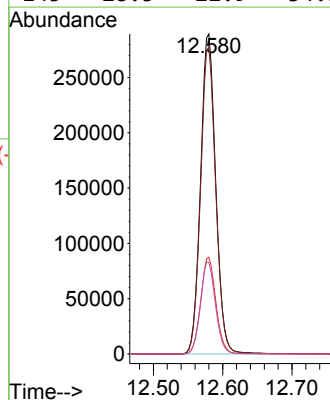
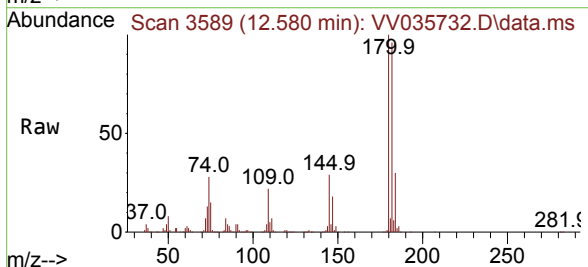
Instrument :
 MSVOA_V
 ClientSampleId :

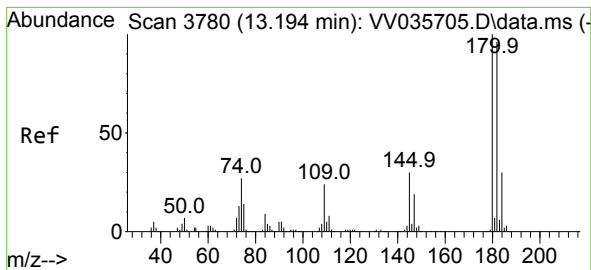
Tgt Ion: 75 Resp: 43331
 Ion Ratio Lower Upper
 75 100
 155 82.7 69.8 104.6
 157 107.8 95.0 142.6



#69
 1,3,5-Trichlorobenzene
 Concen: 28.029 ug/L
 RT: 12.580 min Scan# 3589
 Delta R.T. -0.000 min
 Lab File: VV035732.D
 Acq: 24 May 2024 08:20

Tgt Ion: 180 Resp: 442128
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.2 114.2
 184 30.0 24.1 36.1
 145 28.5 22.9 34.3





#70

1,2,4-trichlorobenzene

Concen: 27.311 ug/L

RT: 13.194 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035732.D

Acq: 24 May 2024 08:20

Instrument :

MSVOA_V

ClientSampleId :

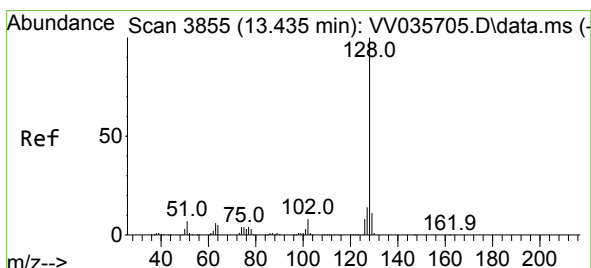
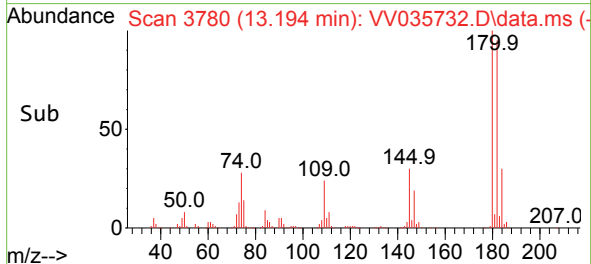
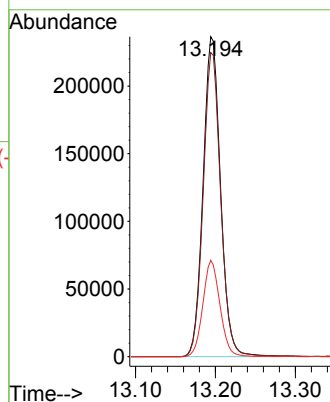
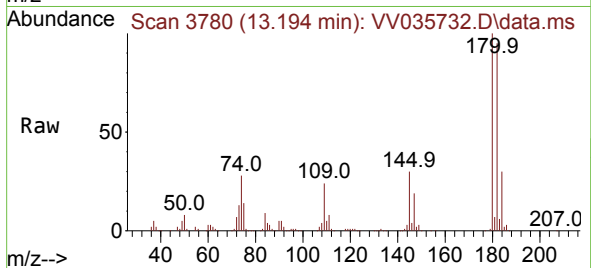
Tgt Ion:180 Resp: 359721

Ion Ratio Lower Upper

180 100

182 95.0 76.6 114.8

145 29.5 23.2 34.8



#71

Naphthalene

Concen: 25.682 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV035732.D

Acq: 24 May 2024 08:20

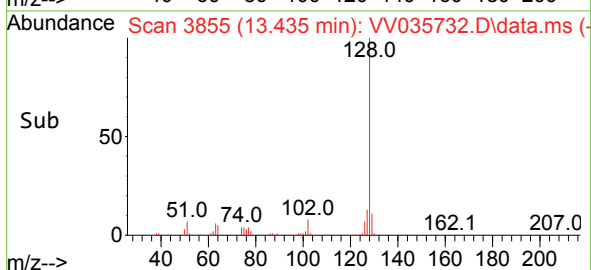
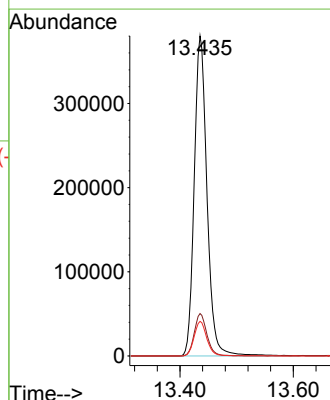
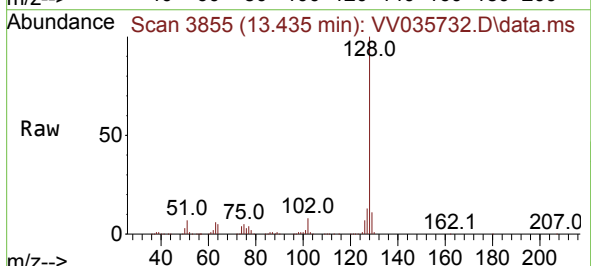
Tgt Ion:128 Resp: 593854

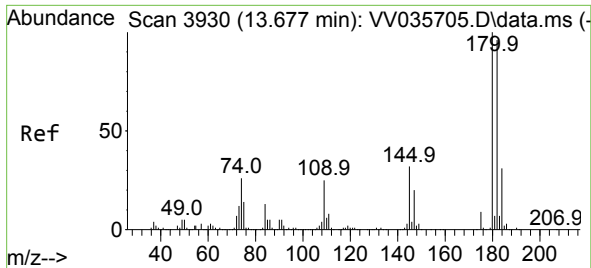
Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

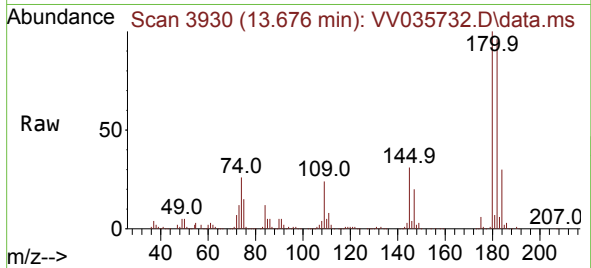
129 10.7 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 28.412 ug/L
 RT: 13.676 min Scan# 3930
 Delta R.T. -0.000 min
 Lab File: VV035732.D
 Acq: 24 May 2024 08:20

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 336649
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.8 113.6
 145 31.0 25.2 37.8

