

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062524\
 Data File : VW036269.D
 Acq On : 25 Jun 2024 09:41
 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: Jun 26 03:54:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 05:53:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	257727	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	266484	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	149639	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	86671	18.292	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.160%
7) Chloroethane-d5	1.529	69	77489	20.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.040%
11) 1,1-Dichloroethene-d2	2.053	65	43202	20.481	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.920%
21) 2-Butanone-d5	3.863	46	21432	19.714	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	39.420%
24) Chloroform-d	4.243	84	187038	22.827	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.320%
26) 1,2-Dichloroethane-d4	4.937	65	89903	20.927	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.720%
32) Benzene-d6	4.953	84	328406	20.732	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.920%
36) 1,2-Dichloropropane-d6	5.986	67	104490	20.947	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.800%
41) Toluene-d8	7.239	98	303830	21.739	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.960%
43) trans-1,3-Dichloroprop...	7.551	79	41295	20.190	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.760%
47) 2-Hexanone-d5	8.034	63	25265	37.383	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.760%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	83649	22.440	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.760%
66) 1,2-Dichlorobenzene-d4	11.558	152	111544	20.327	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	108416	23.330	ug/L	99
3) Chloromethane	1.211	50	121788	22.836	ug/L	99
5) Vinyl chloride	1.278	62	140428	25.012	ug/L	99
6) Bromomethane	1.484	94	99713	28.628	ug/L	98
8) Chloroethane	1.545	64	92880	26.614	ug/L	99
9) Trichlorofluoromethane	1.709	101	205010	29.403	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	135699	30.666	ug/L	98
12) 1,1-Dichloroethene	2.063	96	122878	29.773	ug/L	87
14) Carbon disulfide	2.233	76	358389	25.006	ug/L	100
15) Methyl Acetate	2.388	43	38886	18.474	ug/L	100
16) Methylene chloride	2.439	84	137681	23.609	ug/L	96
17) trans-1,2-Dichloroethene	2.687	96	116295	26.527	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	244644	24.857	ug/L	99
19) 1,1-Dichloroethane	3.105	63	224761	26.921	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	114409	25.971	ug/L	99
22) 2-Butanone	3.921	43	44249	30.794	ug/L	97
23) Bromochloromethane	4.143	128	59633	26.987	ug/L	99
25) Chloroform	4.269	83	237150	27.613	ug/L	98
27) 1,2-Dichloroethane	5.037	62	144879	27.020	ug/L	99

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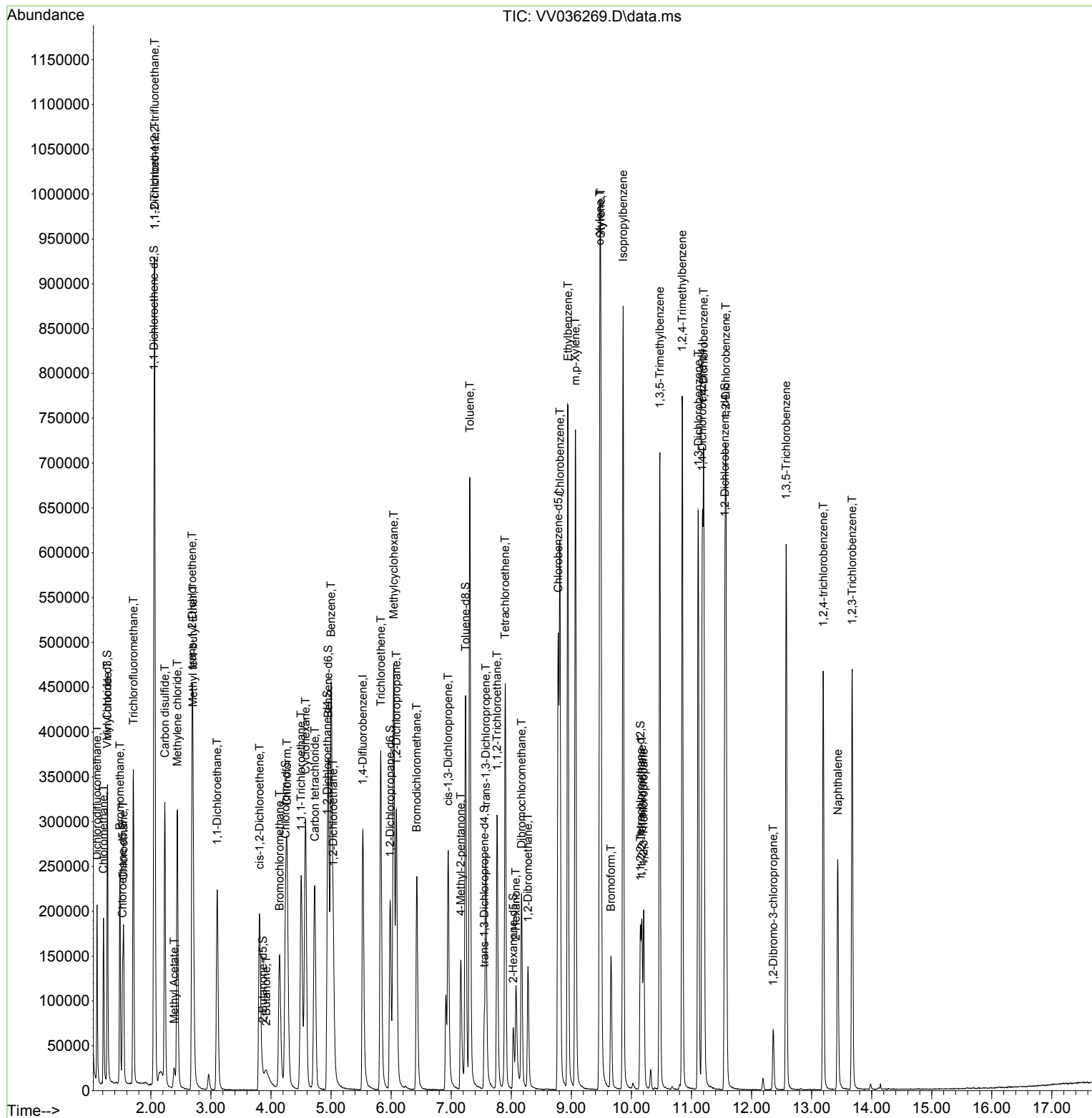
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.574	56	149028	23.488	ug/L	96
30) 1,1,1-Trichloroethane	4.503	97	199129	27.333	ug/L	99
31) Carbon tetrachloride	4.728	117	176801	27.663	ug/L	99
33) Benzene	5.002	78	480097	27.546	ug/L	100
34) Trichloroethene	5.828	95	138144	25.862	ug/L	99
35) Methylcyclohexane	6.043	83	189095	25.598	ug/L	99
37) 1,2-Dichloropropane	6.088	63	125380	27.397	ug/L	99
38) Bromodichloromethane	6.426	83	167901	27.719	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	164985	24.103	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	101107	40.664	ug/L	98
42) Toluene	7.310	91	511734	28.734	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	157567	26.651	ug/L	96
45) 1,1,2-Trichloroethane	7.764	97	98188	25.930	ug/L	99
46) Tetrachloroethene	7.899	164	102834	26.322	ug/L	98
48) 2-Hexanone	8.079	43	77345	39.790	ug/L	97
49) Dibromochloromethane	8.172	129	111119	26.813	ug/L	99
50) 1,2-Dibromoethane	8.278	107	93599	25.761	ug/L	98
51) Chlorobenzene	8.809	112	323721	26.678	ug/L	99
52) Ethylbenzene	8.944	91	530470	27.840	ug/L	100
53) m,p-Xylene	9.069	106	202465	28.279	ug/L	97
54) o-Xylene	9.474	106	187052	27.705	ug/L	97
55) Styrene	9.490	104	357228	30.004	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	90697	26.749	ug/L	99
59) Bromoform	9.661	173	69332	24.568	ug/L	97
60) Isopropylbenzene	9.863	105	519816	27.077	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	81144	22.928	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	360811	25.919	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	403608	26.909	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	265644	26.349	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	273633	26.295	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	243704	25.687	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	17019	21.505	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	188789	25.034	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	142460	23.992	ug/L	99
71) Naphthalene	13.435	128	208884	21.556	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	140059	25.848	ug/L	100

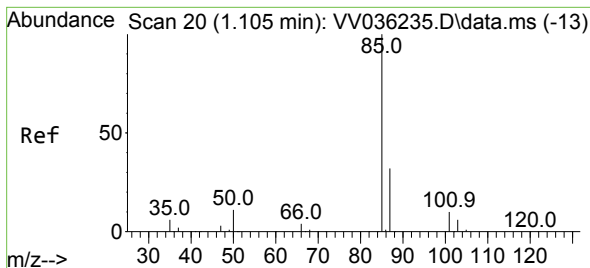
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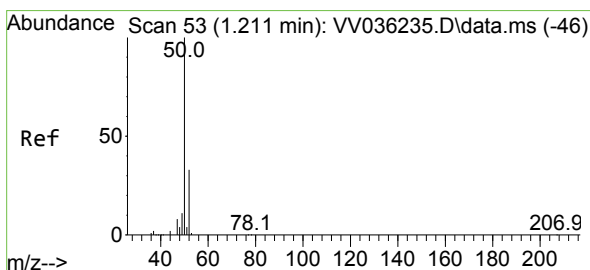
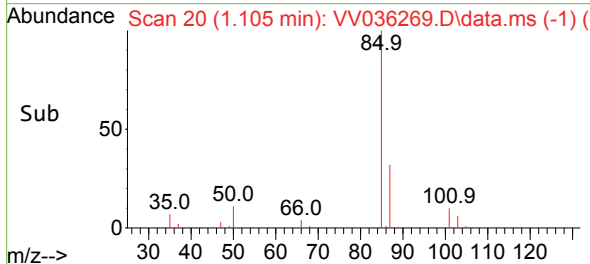
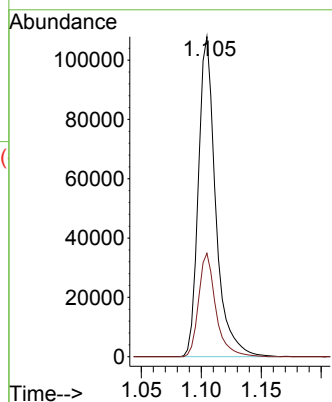
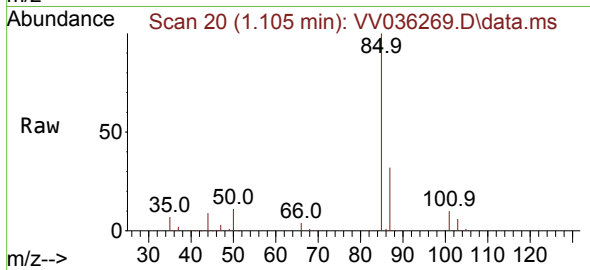




#2
 Dichlorodifluoromethane
 Concen: 23.330 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VV036269.D
 Acq: 25 Jun 2024 09:41

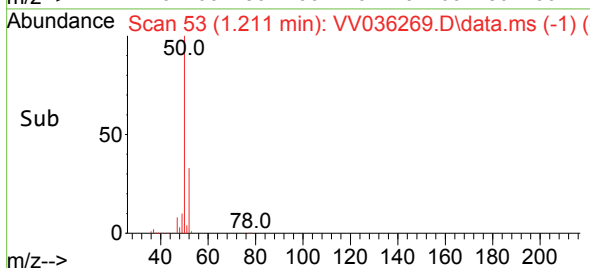
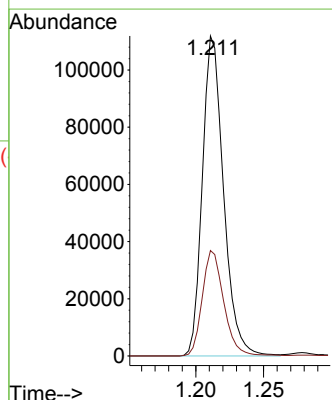
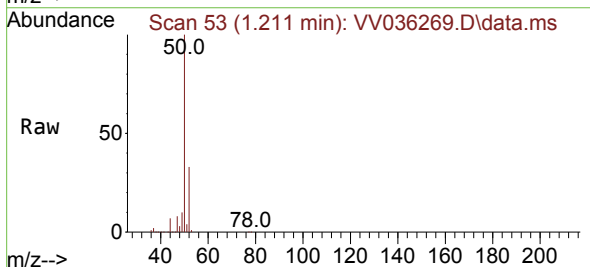
Instrument :
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 ClientSampleId :

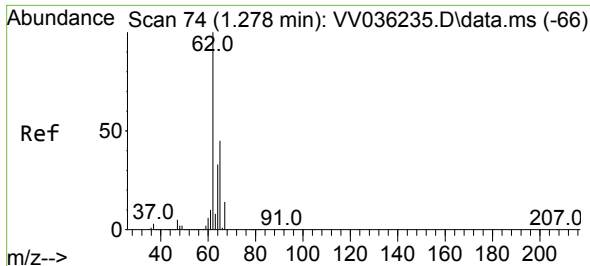
Tgt Ion: 85 Resp: 108416
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.9 38.9



#3
 Chloromethane
 Concen: 22.836 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV036269.D
 Acq: 25 Jun 2024 09:41

Tgt Ion: 50 Resp: 121788
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.8 42.4

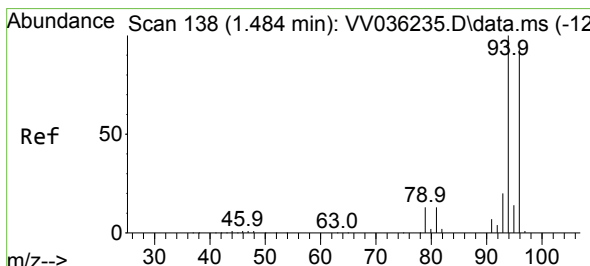
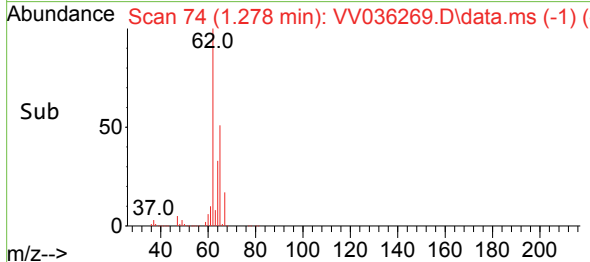
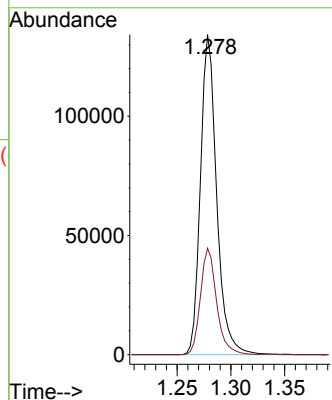
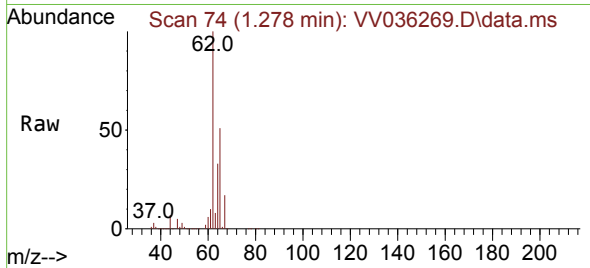




#5
 Vinyl chloride
 Concen: 25.012 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV036269.D
 Acq: 25 Jun 2024 09:41

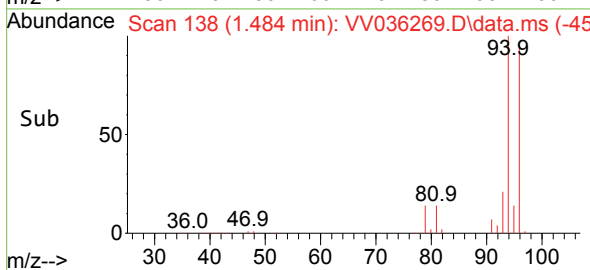
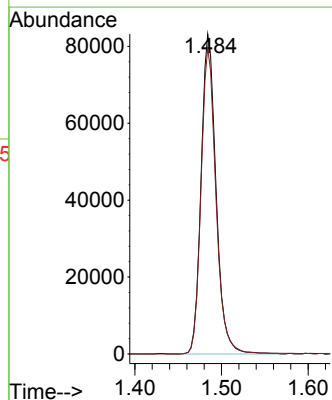
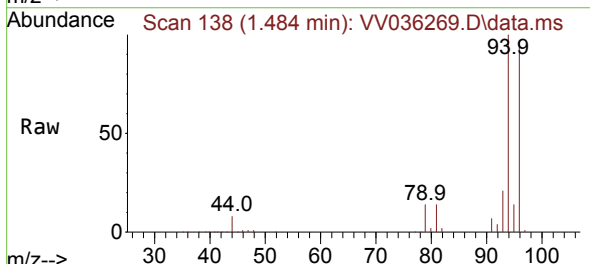
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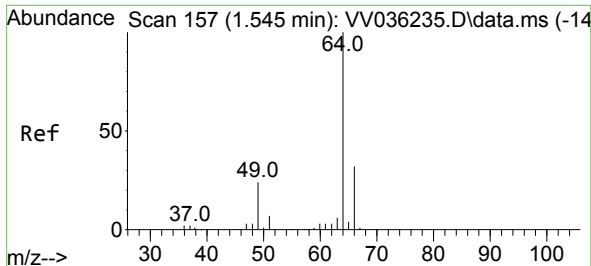
Tgt Ion: 62 Resp: 140428
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.9 42.5



#6
 Bromomethane
 Concen: 28.628 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV036269.D
 Acq: 25 Jun 2024 09:41

Tgt Ion: 94 Resp: 99713
 Ion Ratio Lower Upper
 94 100
 96 95.6 65.7 122.1

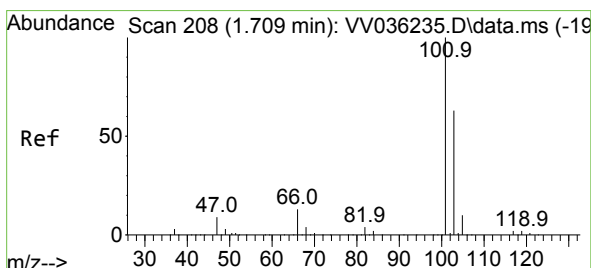
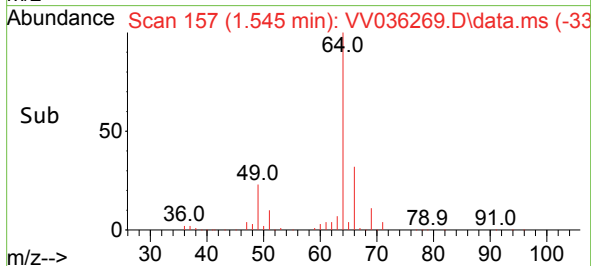
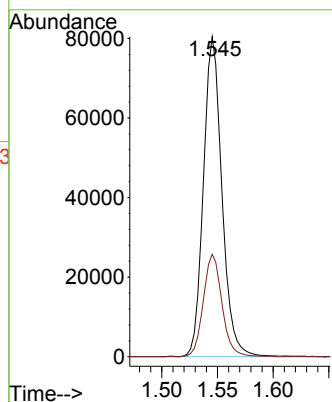
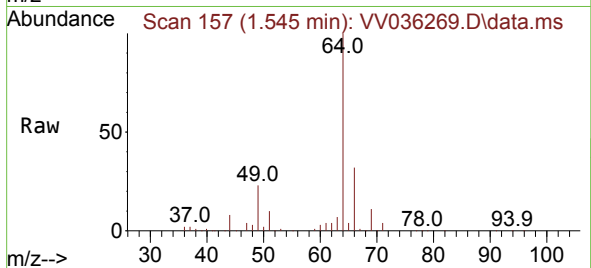




#8
Chloroethane
Concen: 26.614 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

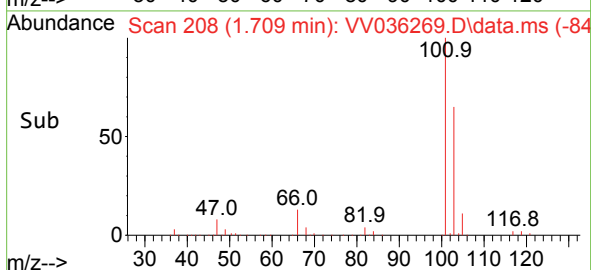
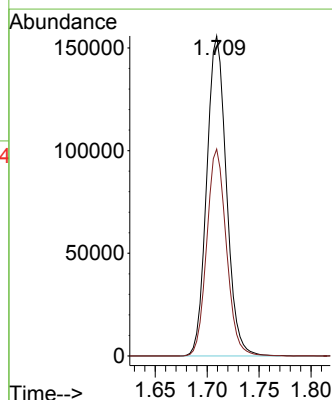
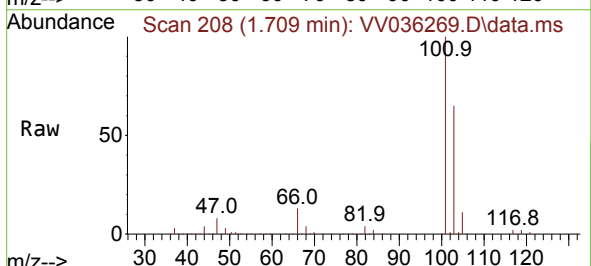
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MSVOA_V
ClientSampleId :

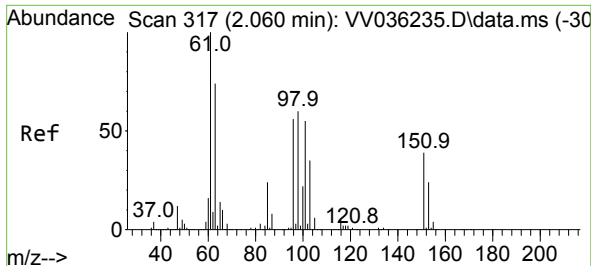
Tgt Ion: 64 Resp: 92880
Ion Ratio Lower Upper
64 100
66 32.0 22.0 41.0



#9
Trichlorofluoromethane
Concen: 29.403 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

Tgt Ion:101 Resp: 205010
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8





#10

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

Concen: 30.666 ug/L

RT: 2.063 min Scan# 317

Delta R.T. 0.000 min

Lab File: VV036269.D

Acq: 25 Jun 2024 09:41

Instrument :

MSVOA_V

ClientSampleId :

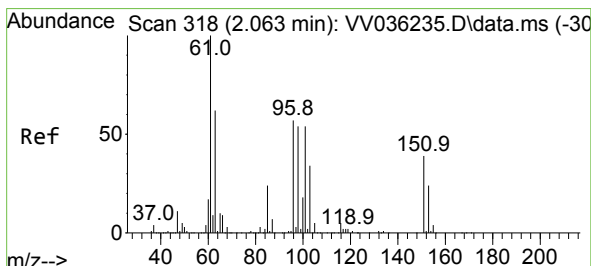
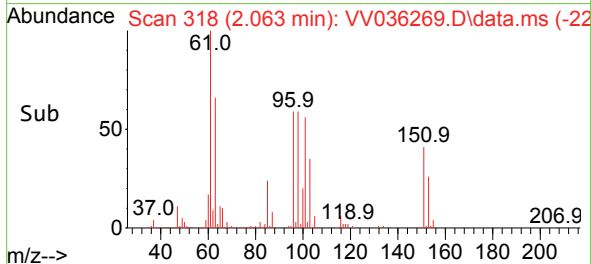
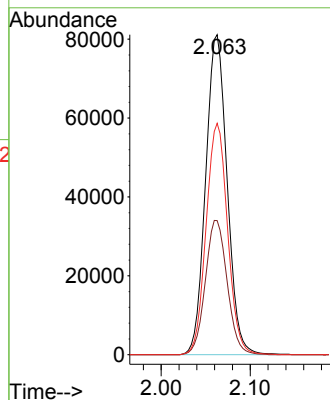
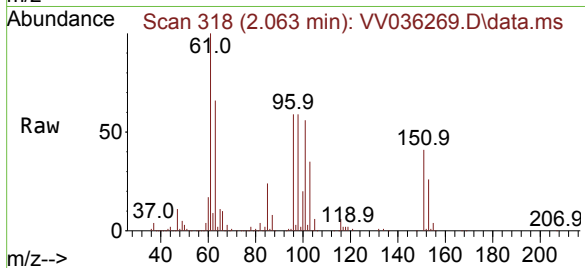
Tgt Ion:101 Resp: 135699

Ion Ratio Lower Upper

101 100

85 42.7 34.5 51.7

151 72.4 56.3 84.5



#12

1,1-Dichloroethene

Concen: 29.773 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV036269.D

Acq: 25 Jun 2024 09:41

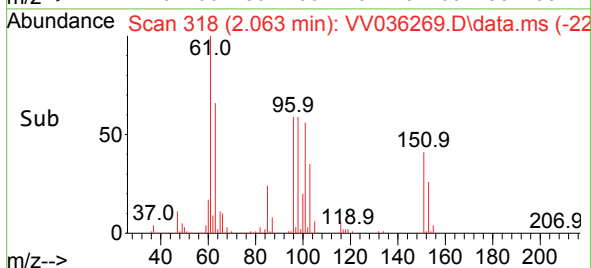
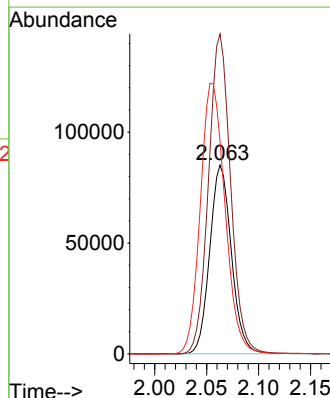
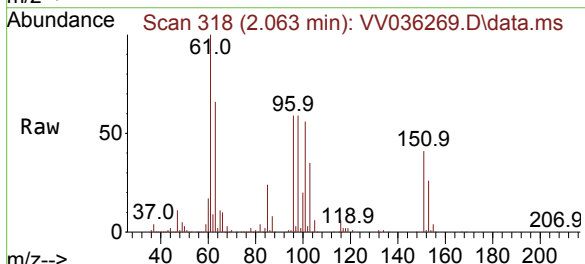
Tgt Ion: 96 Resp: 122878

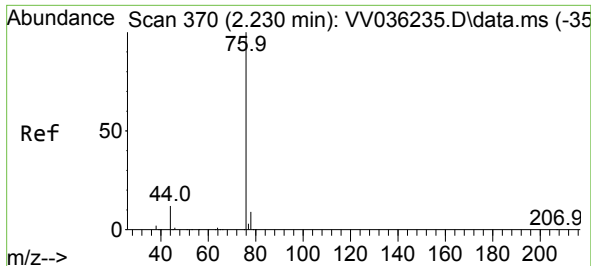
Ion Ratio Lower Upper

96 100

61 169.4 127.3 236.3

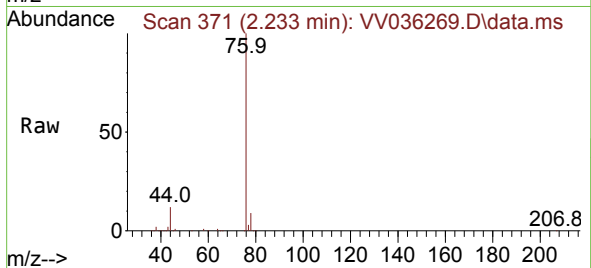
63 112.5 93.7 173.9



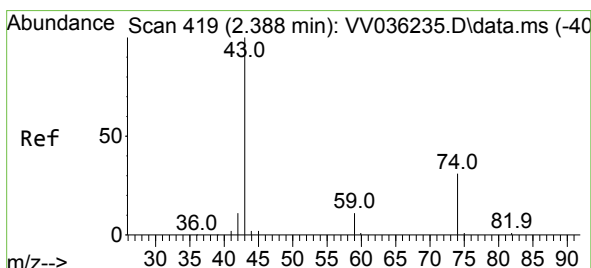
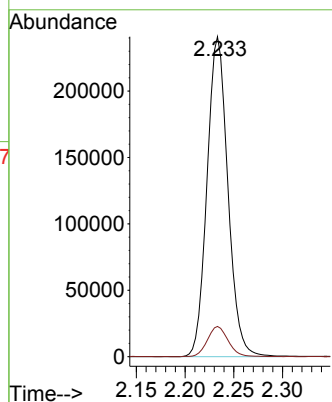
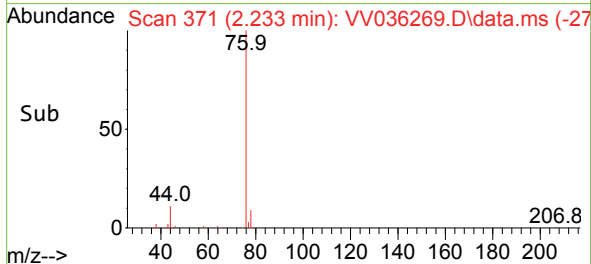


#14
Carbon disulfide
Concen: 25.006 ug/L
RT: 2.233 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV036269.D
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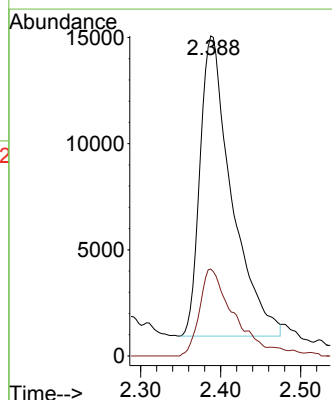
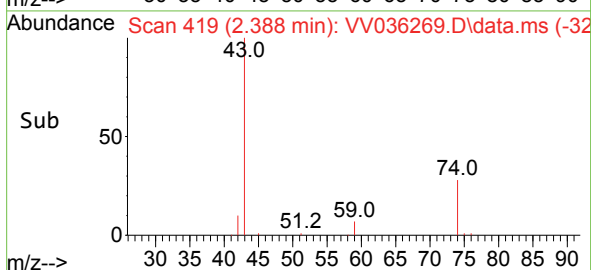
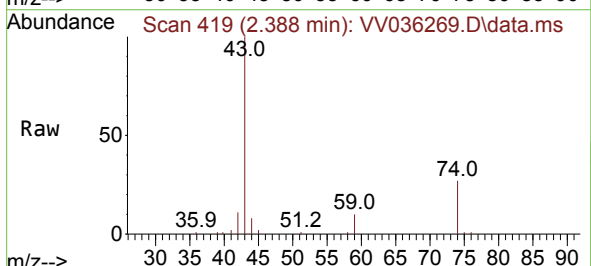


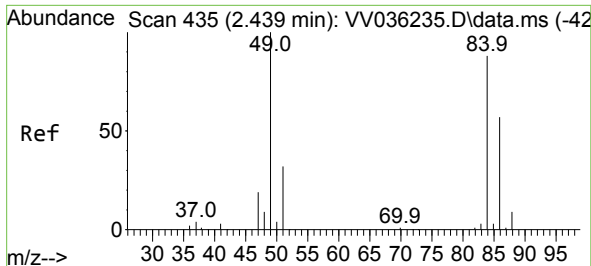
Tgt Ion: 76 Resp: 358389
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



#15
Methyl Acetate
Concen: 18.474 ug/L
RT: 2.388 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

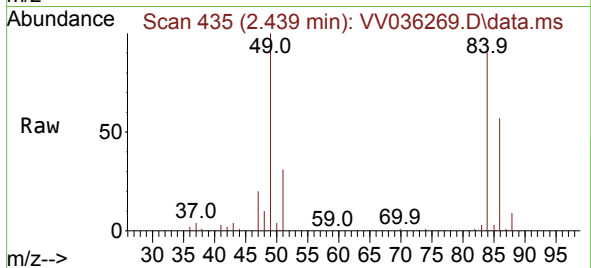
Tgt Ion: 43 Resp: 38886
Ion Ratio Lower Upper
43 100
74 26.9 21.4 32.2



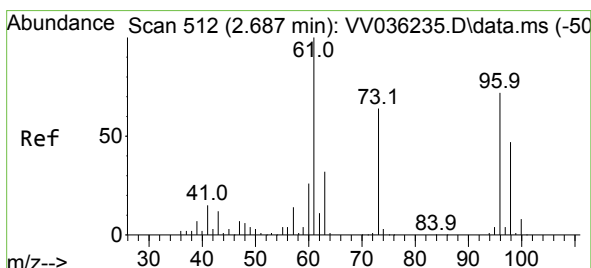
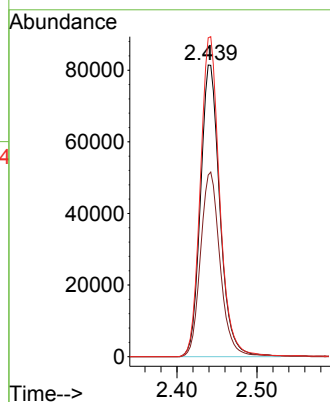
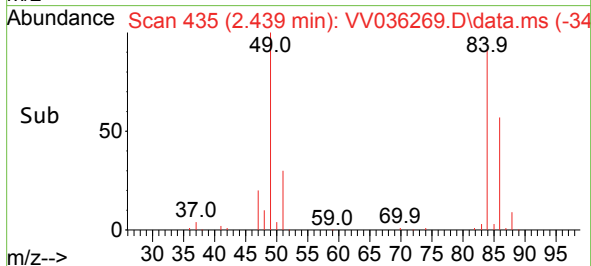


#16
Methylene chloride
Concen: 23.609 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

Instrument :
MSVOA_V
ClientSampleId :

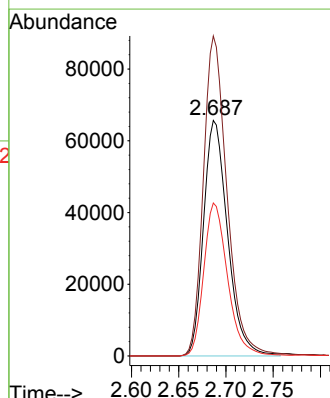
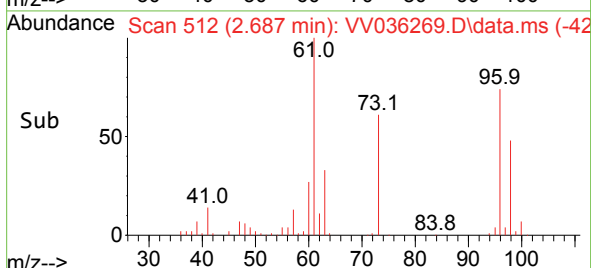
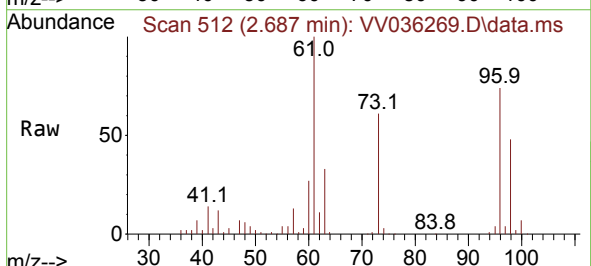


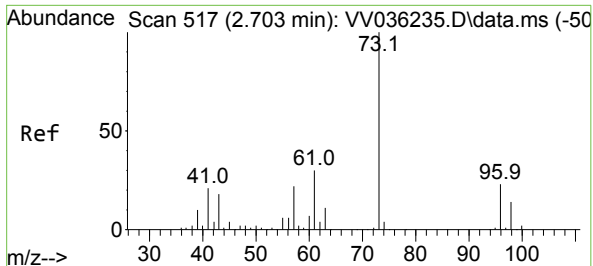
Tgt Ion: 84 Resp: 137681
Ion Ratio Lower Upper
84 100
86 62.2 44.6 82.8
49 109.3 81.1 150.5



#17
trans-1,2-Dichloroethene
Concen: 26.527 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.003 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

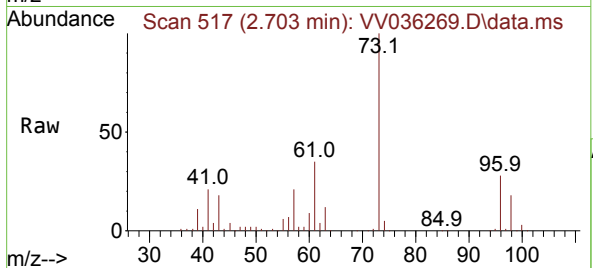
Tgt Ion: 96 Resp: 116295
Ion Ratio Lower Upper
96 100
61 135.8 99.4 184.6
98 64.9 44.9 83.3



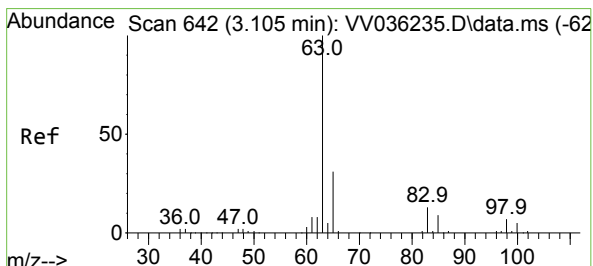
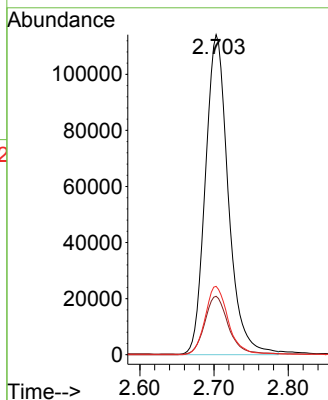
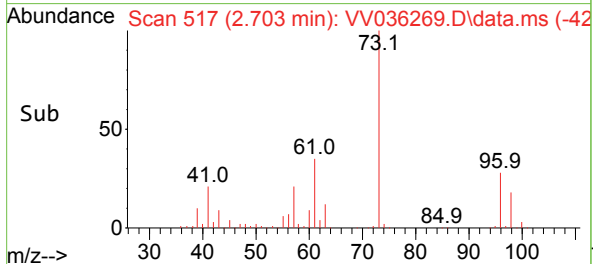


#18
Methyl tert-butyl Ether
Concen: 24.857 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

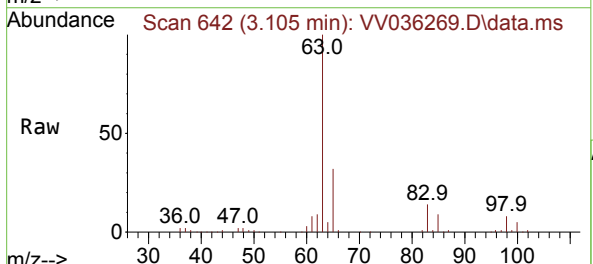
Instrument :
MSVOA_V
ClientSampleId :



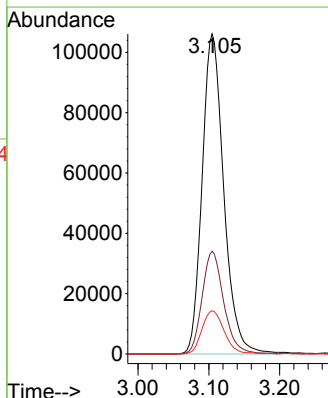
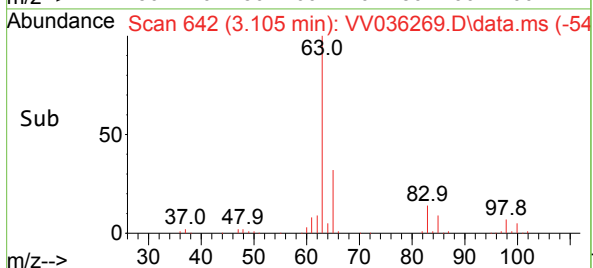
Tgt Ion: 73	Resp: 244644
Ion Ratio	Lower Upper
73 100	
43 18.3	14.3 21.5
57 21.8	17.8 26.6

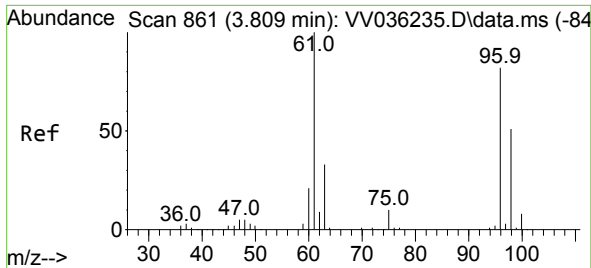


#19
1,1-Dichloroethane
Concen: 26.921 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41



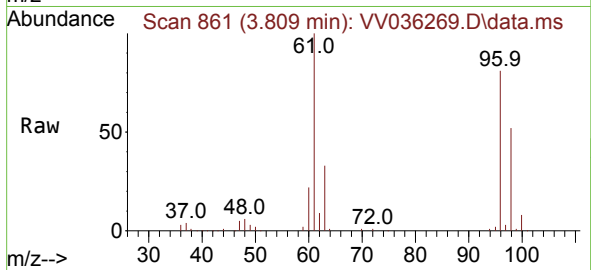
Tgt Ion: 63	Resp: 224761
Ion Ratio	Lower Upper
63 100	
65 32.1	22.4 41.6
83 13.5	9.2 17.0



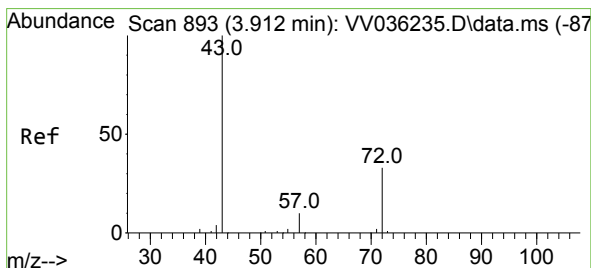
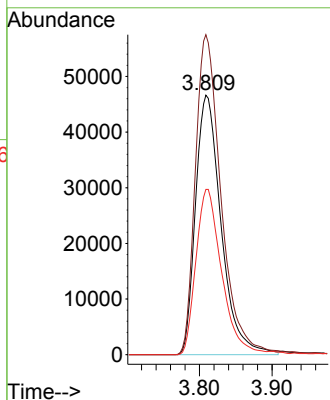
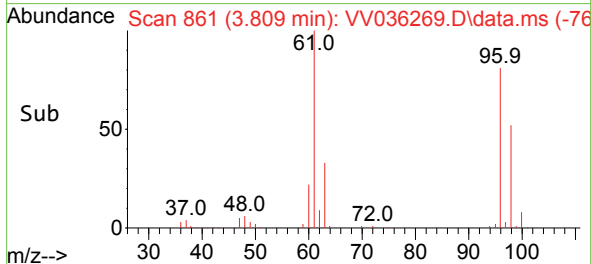


#20
 cis-1,2-Dichloroethene
 Concen: 25.971 ug/L
 RT: 3.809 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VV036269.D
 Acq: 25 Jun 2024 09:41

Instrument :
 MSVOA_V
 ClientSampleId :

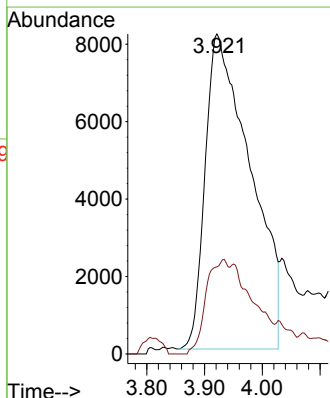
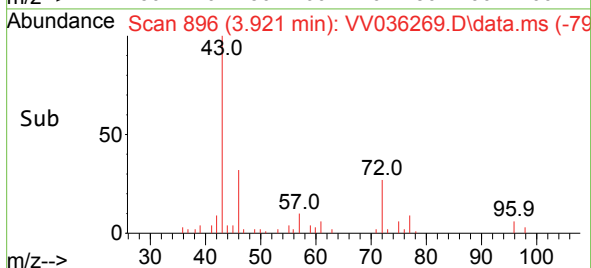
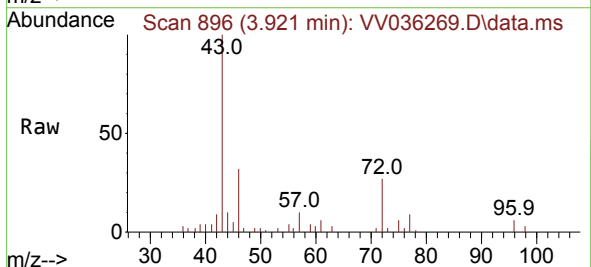


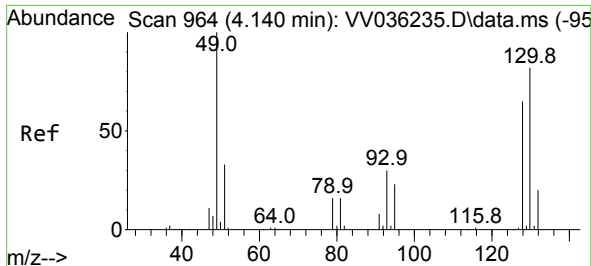
Tgt Ion:	96	Resp:	114409
Ion	Ratio	Lower	Upper
96	100		
61	123.3	87.9	163.3
98	63.7	44.4	82.5



#22
 2-Butanone
 Concen: 30.794 ug/L
 RT: 3.921 min Scan# 896
 Delta R.T. 0.016 min
 Lab File: VV036269.D
 Acq: 25 Jun 2024 09:41

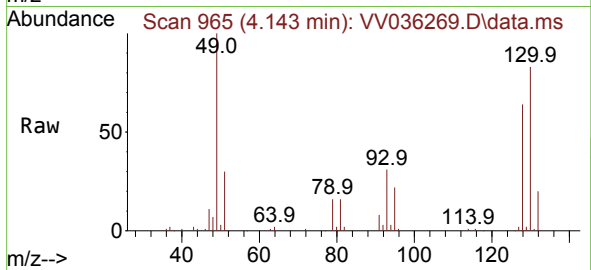
Tgt Ion:	43	Resp:	44249
Ion	Ratio	Lower	Upper
43	100		
72	15.2	8.2	24.4



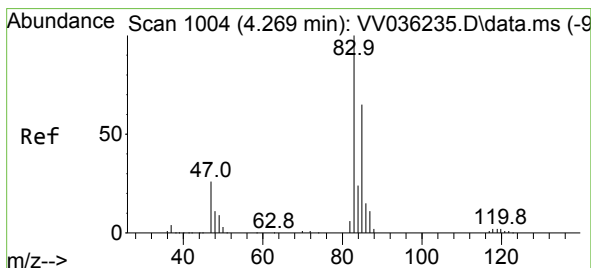
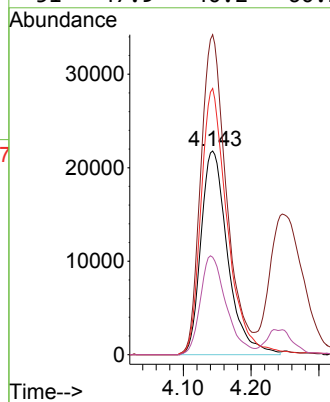
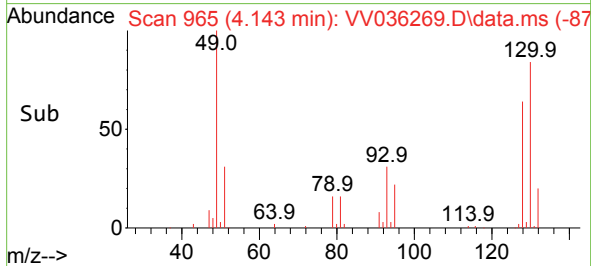


#23
Bromochloromethane
Concen: 26.987 ug/L
RT: 4.143 min Scan# 964
Delta R.T. 0.000 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

Instrument :
MSVOA_V
ClientSampleId :

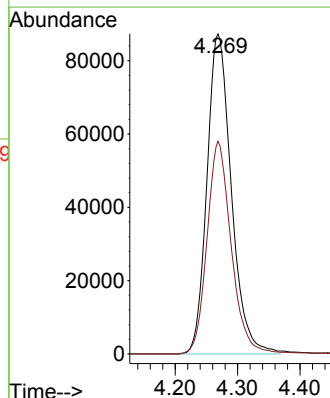
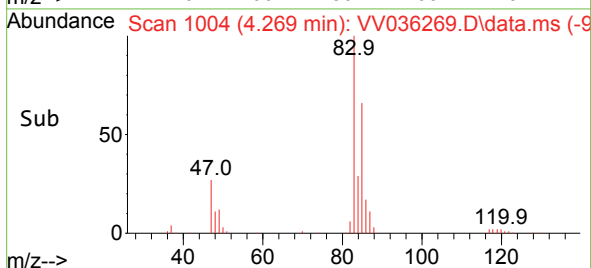
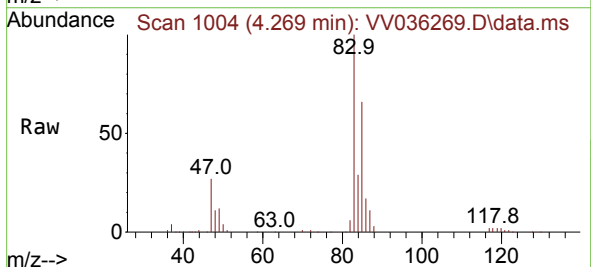


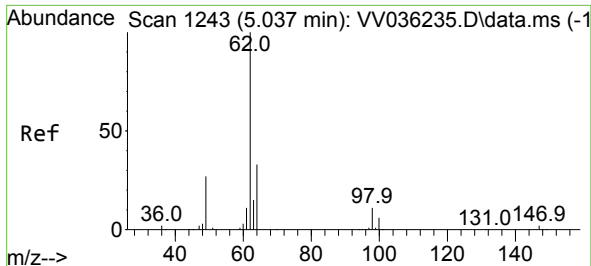
Tgt Ion:128 Resp: 59633
Ion Ratio Lower Upper
128 100
49 157.1 110.2 204.6
130 130.7 90.2 167.4
51 47.9 40.2 60.2



#25
Chloroform
Concen: 27.613 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. -0.003 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

Tgt Ion: 83 Resp: 237150
Ion Ratio Lower Upper
83 100
85 66.5 45.2 84.0





#27

1,2-Dichloroethane

Concen: 27.020 ug/L

RT: 5.037 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV036269.D

Acq: 25 Jun 2024 09:41

Instrument :

MSVOA_V

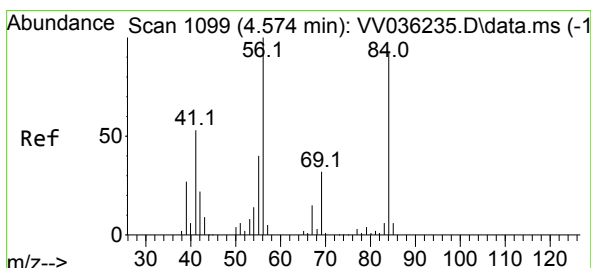
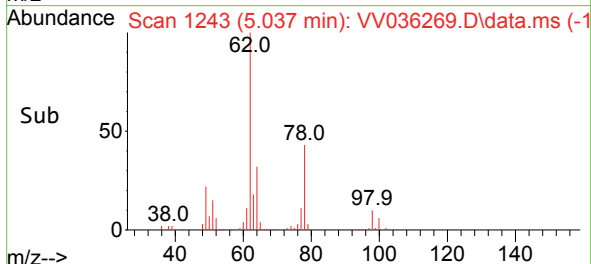
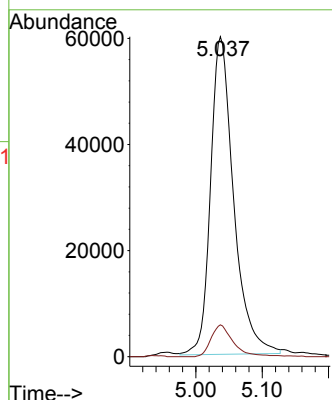
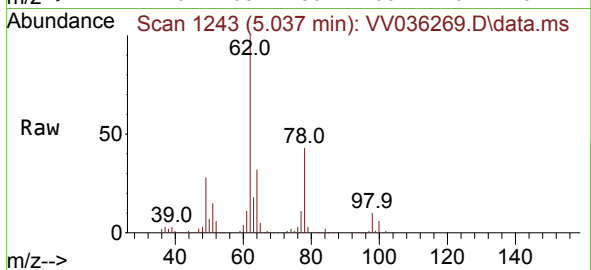
ClientSampleId :

Tgt Ion: 62 Resp: 144879

Ion Ratio Lower Upper

62 100

98 9.9 7.8 11.6



#29

Cyclohexane

Concen: 23.488 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.003 min

Lab File: VV036269.D

Acq: 25 Jun 2024 09:41

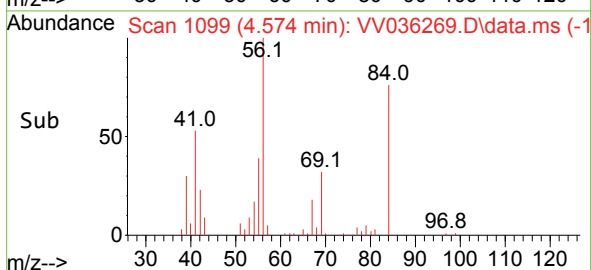
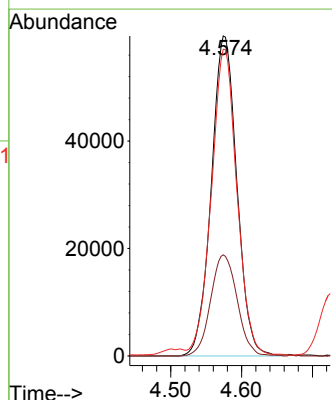
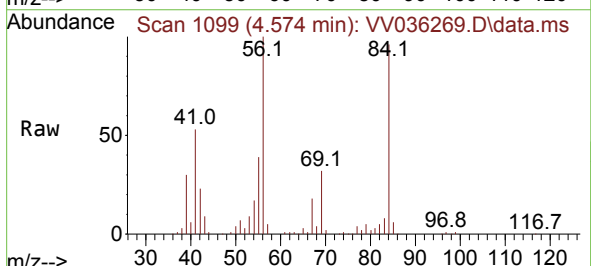
Tgt Ion: 56 Resp: 149028

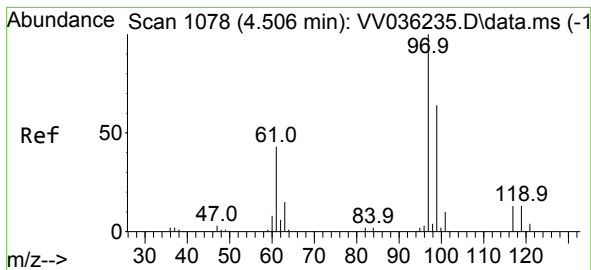
Ion Ratio Lower Upper

56 100

69 32.7 25.2 37.8

84 94.8 72.2 108.2





#30

1,1,1-Trichloroethane

Concen: 27.333 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VV036269.D

Acq: 25 Jun 2024 09:41

Instrument :

MSVOA_V

ClientSampleId :

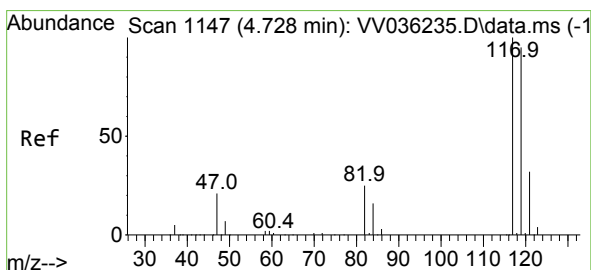
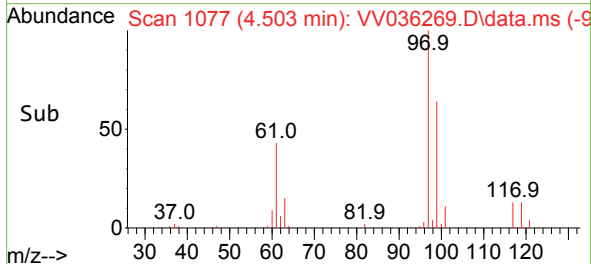
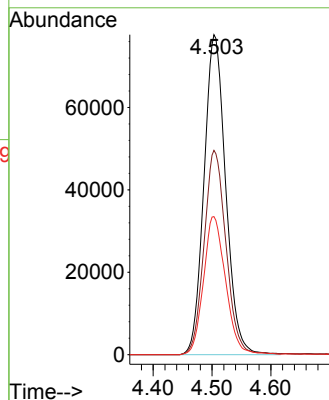
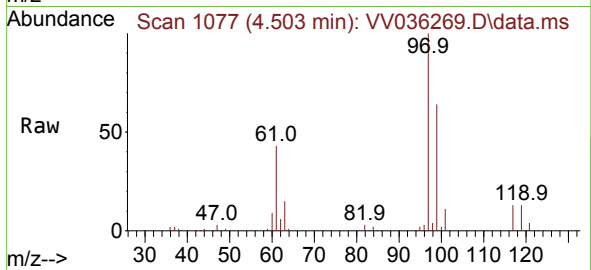
Tgt Ion: 97 Resp: 199129

Ion Ratio Lower Upper

97 100

99 64.5 50.9 76.3

61 43.7 35.0 52.6



#31

Carbon tetrachloride

Concen: 27.663 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV036269.D

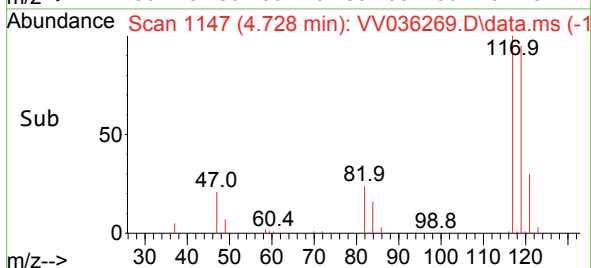
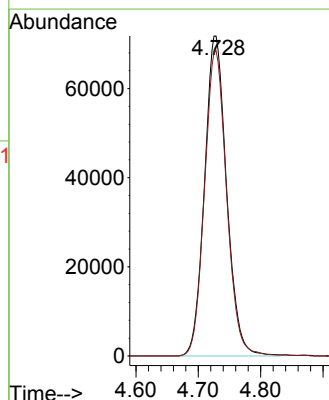
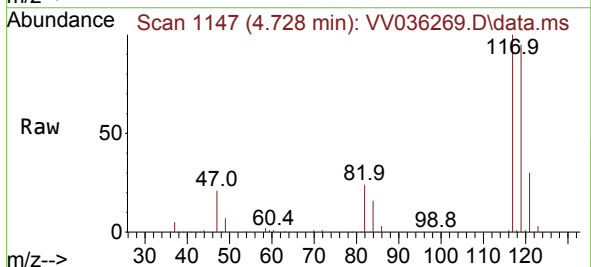
Acq: 25 Jun 2024 09:41

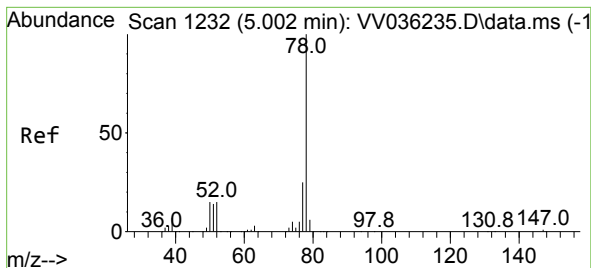
Tgt Ion: 117 Resp: 176801

Ion Ratio Lower Upper

117 100

119 95.4 76.8 115.2





#33

Benzene

Concen: 27.546 ug/L

RT: 5.002 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV036269.D

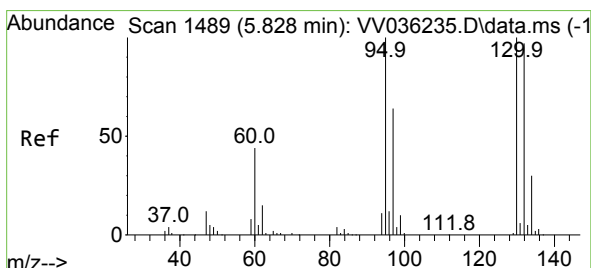
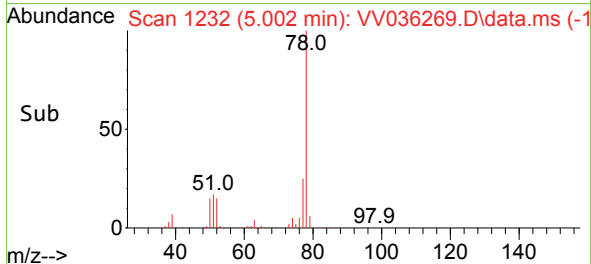
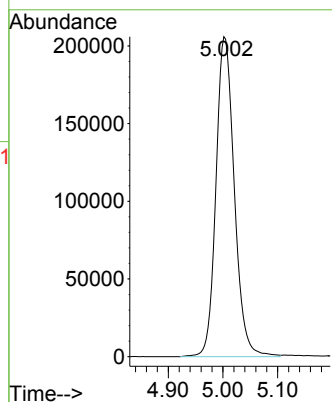
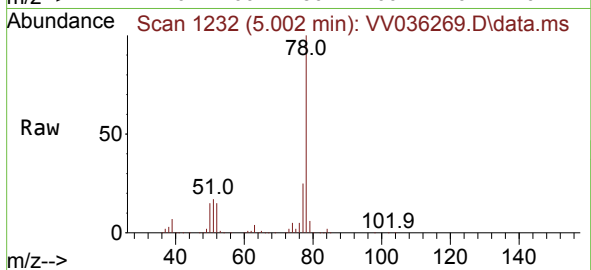
Acq: 25 Jun 2024 09:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 480097



#34

Trichloroethene

Concen: 25.862 ug/L

RT: 5.828 min Scan# 1489

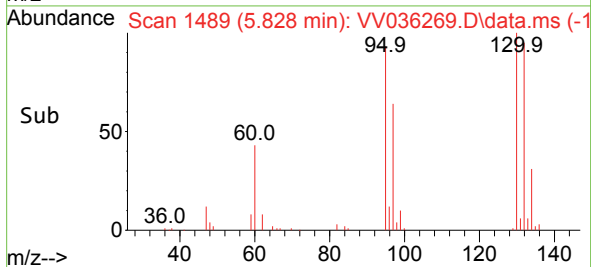
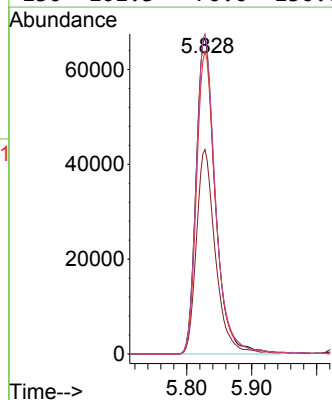
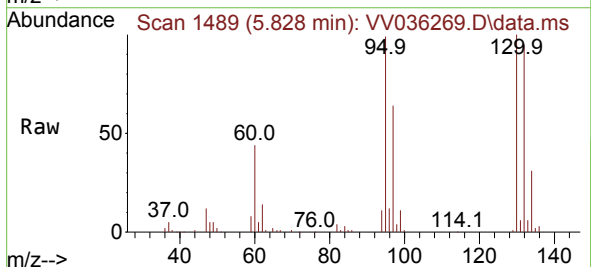
Delta R.T. 0.000 min

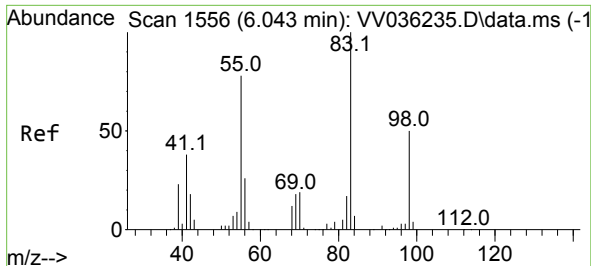
Lab File: VV036269.D

Acq: 25 Jun 2024 09:41

Tgt Ion: 95 Resp: 138144

Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.8	83.2
132	95.8	66.8	124.2
130	101.3	70.0	130.0

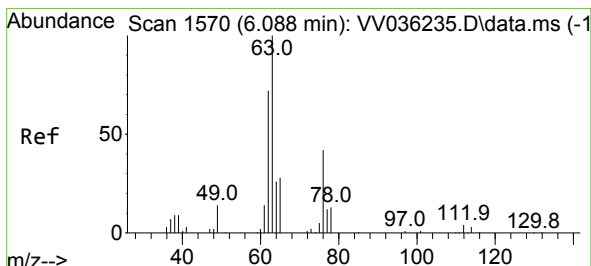
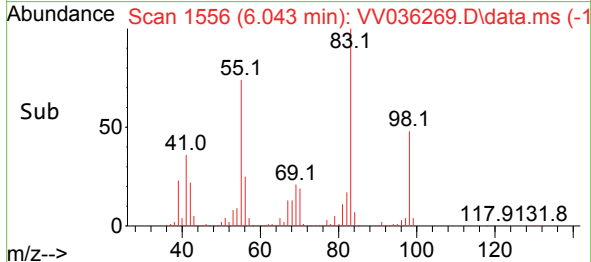
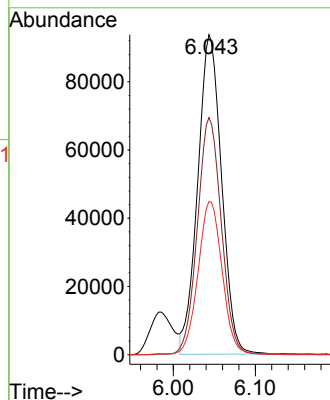
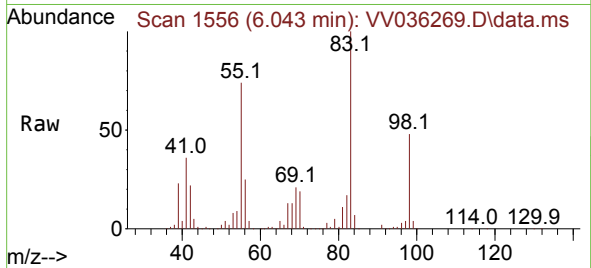




#35
Methylcyclohexane
Concen: 25.598 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. -0.003 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

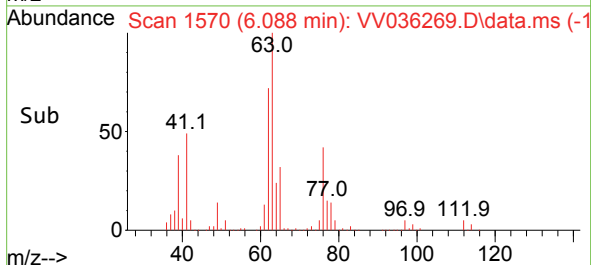
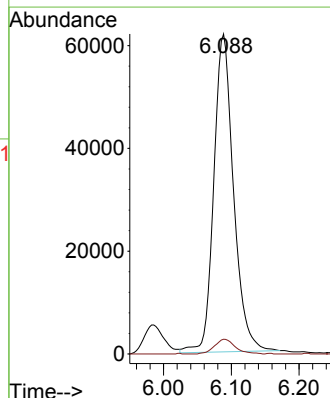
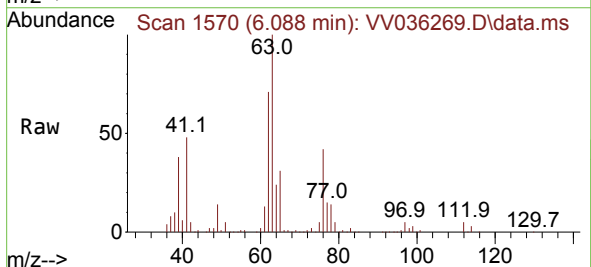
Instrument :
MSVOA_V
ClientSampleId :

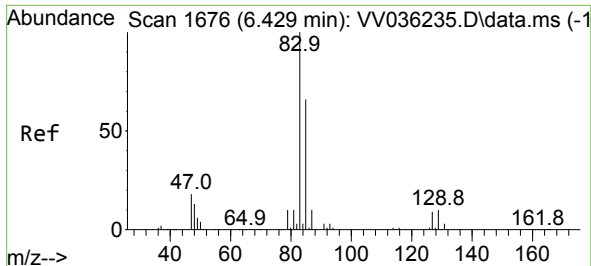
Tgt Ion: 83 Resp: 189095
Ion Ratio Lower Upper
83 100
55 74.3 60.7 91.1
98 48.6 38.7 58.1



#37
1,2-Dichloropropane
Concen: 27.397 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.003 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

Tgt Ion: 63 Resp: 125380
Ion Ratio Lower Upper
63 100
112 4.8 3.5 5.3

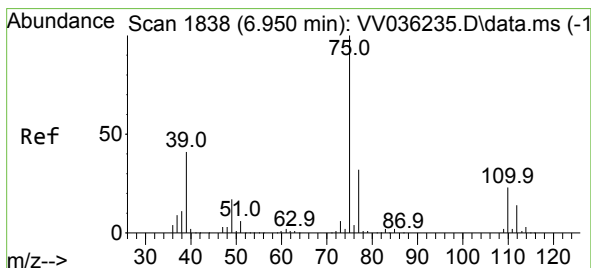
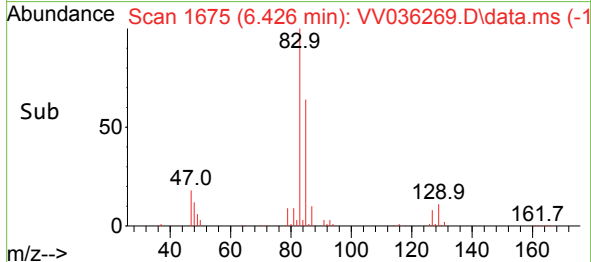
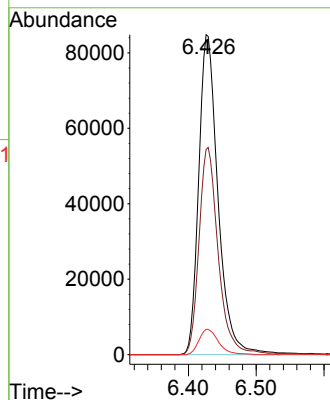
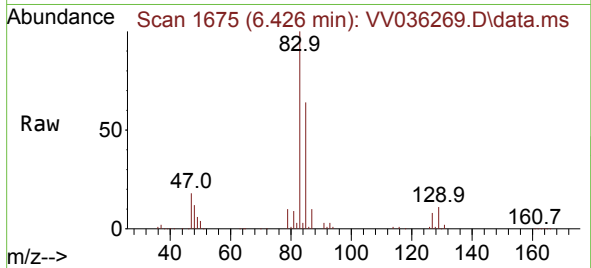




#38
Bromodichloromethane
Concen: 27.719 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

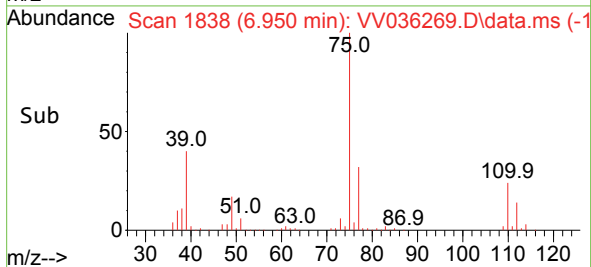
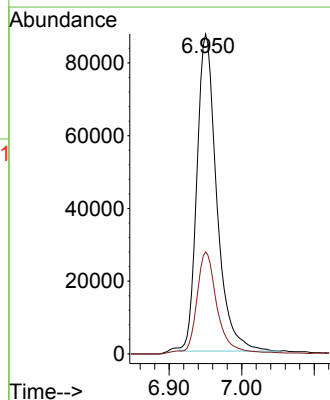
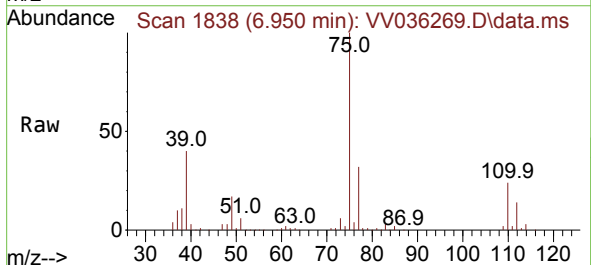
Instrument :
MSVOA_V
ClientSampleId :

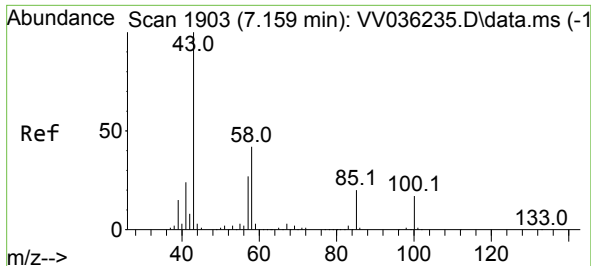
Tgt Ion: 83 Resp: 167901
Ion Ratio Lower Upper
83 100
85 64.1 45.3 84.1
127 7.9 6.7 10.1



#39
cis-1,3-Dichloropropene
Concen: 24.103 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

Tgt Ion: 75 Resp: 164985
Ion Ratio Lower Upper
75 100
77 31.9 22.1 41.1

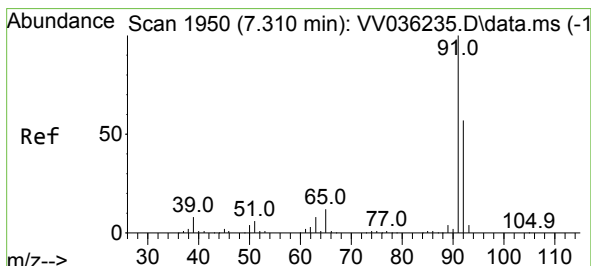
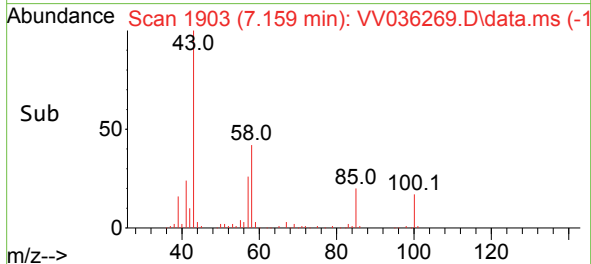
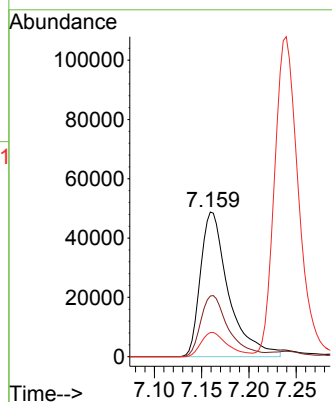
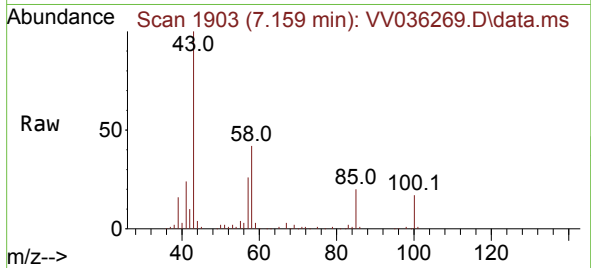




#40
4-Methyl-2-pentanone
Concen: 40.664 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

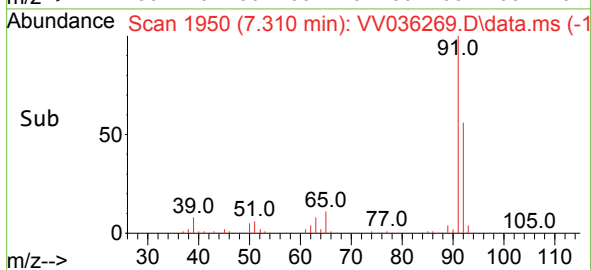
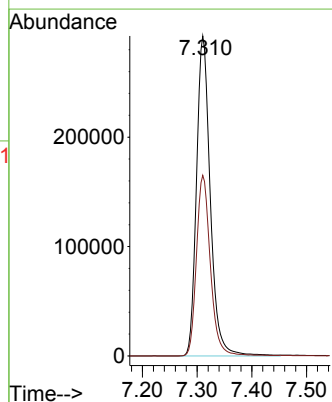
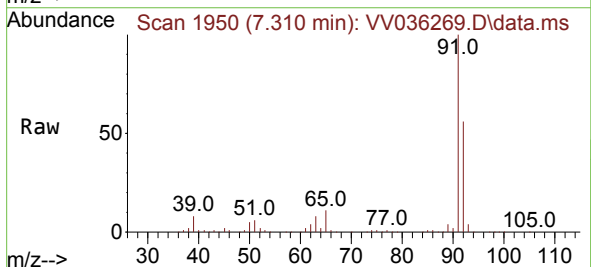
Instrument :
MSVOA_V
ClientSampleId :

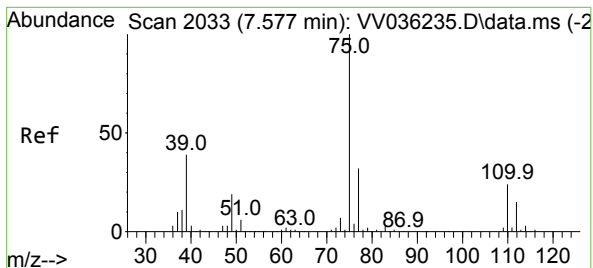
Tgt Ion: 43 Resp: 101107
Ion Ratio Lower Upper
43 100
58 41.7 32.5 48.7
100 16.1 12.5 18.7



#42
Toluene
Concen: 28.734 ug/L
RT: 7.310 min Scan# 1950
Delta R.T. -0.003 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

Tgt Ion: 91 Resp: 511734
Ion Ratio Lower Upper
91 100
92 56.5 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 26.651 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV036269.D

Acq: 25 Jun 2024 09:41

Instrument :

MSVOA_V

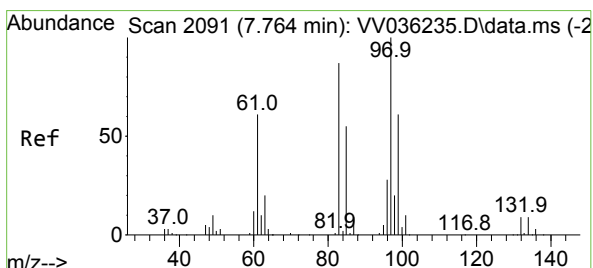
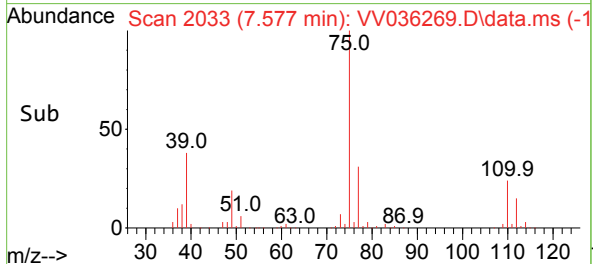
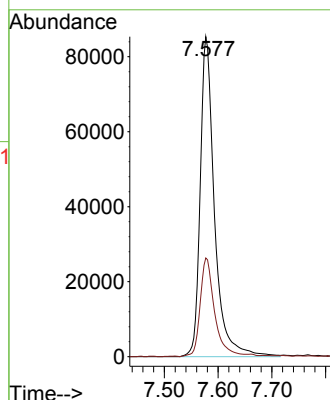
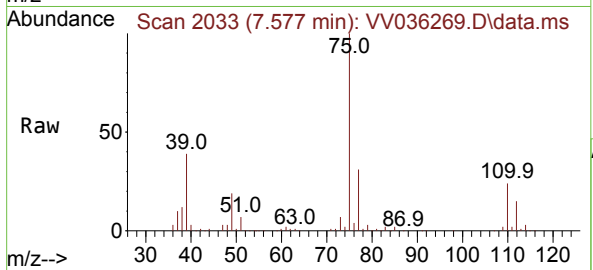
ClientSampleId :

Tgt Ion: 75 Resp: 157567

Ion Ratio Lower Upper

75 100

77 30.8 23.1 42.9



#45

1,1,2-Trichloroethane

Concen: 25.930 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. -0.003 min

Lab File: VV036269.D

Acq: 25 Jun 2024 09:41

Tgt Ion: 97 Resp: 98188

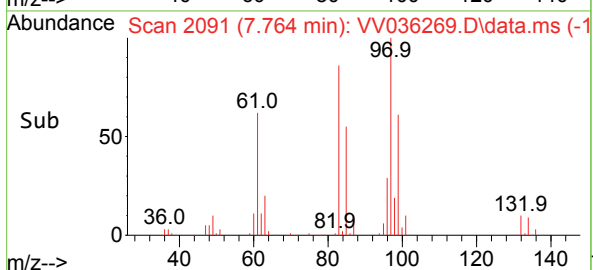
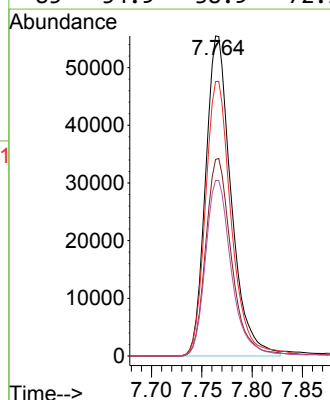
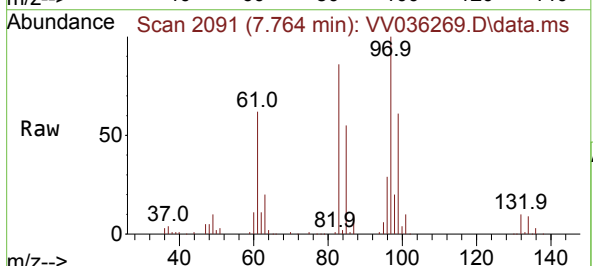
Ion Ratio Lower Upper

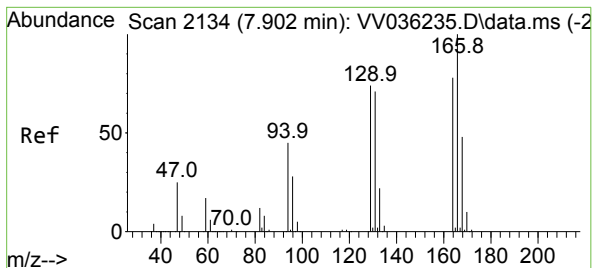
97 100

99 61.4 43.3 80.5

83 85.8 60.1 111.7

85 54.9 38.9 72.3





#46

Tetrachloroethene

Concen: 26.322 ug/L

RT: 7.899 min Scan# 2134

Delta R.T. -0.003 min

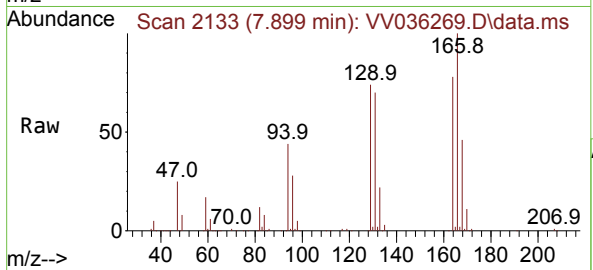
Lab File: VV036269.D

Acq: 25 Jun 2024 09:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 102834

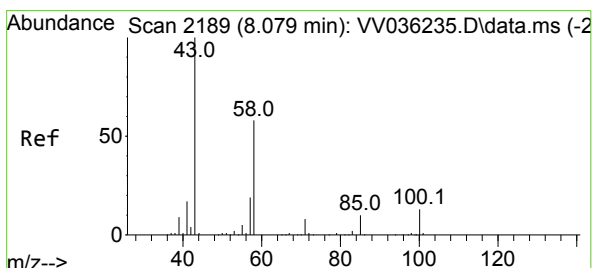
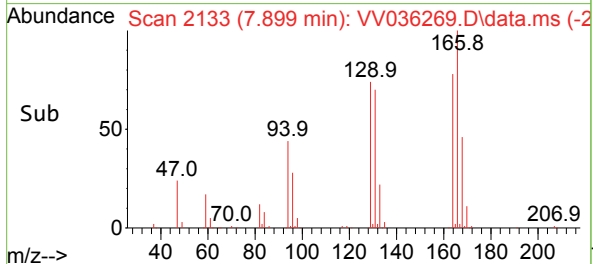
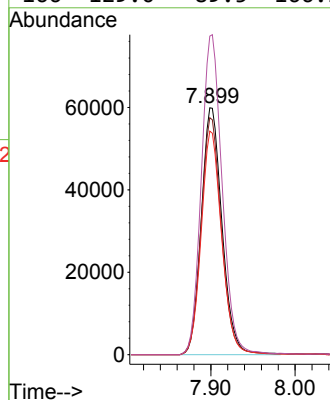
Ion Ratio Lower Upper

164 100

129 96.0 64.6 120.0

131 90.5 63.2 117.4

166 129.0 89.5 166.3



#48

2-Hexanone

Concen: 39.790 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.000 min

Lab File: VV036269.D

Acq: 25 Jun 2024 09:41

Tgt Ion: 43 Resp: 77345

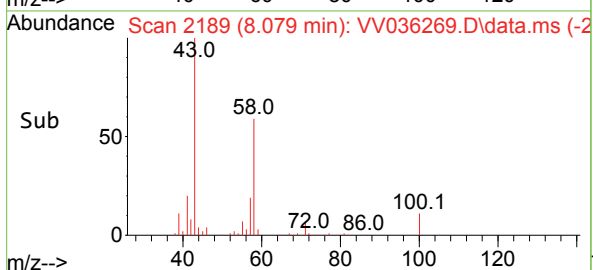
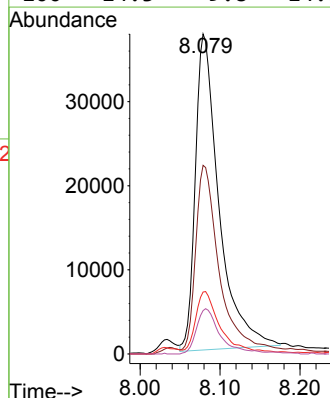
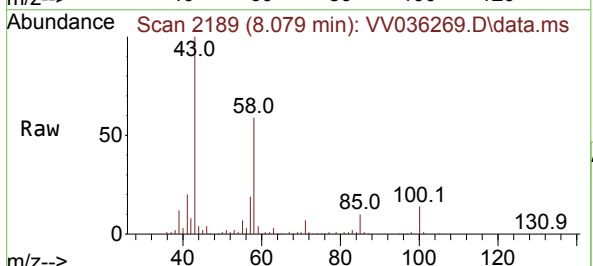
Ion Ratio Lower Upper

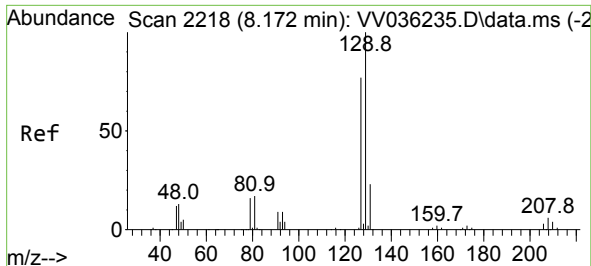
43 100

58 58.4 45.4 68.0

57 18.2 15.8 23.8

100 14.3 9.8 14.8

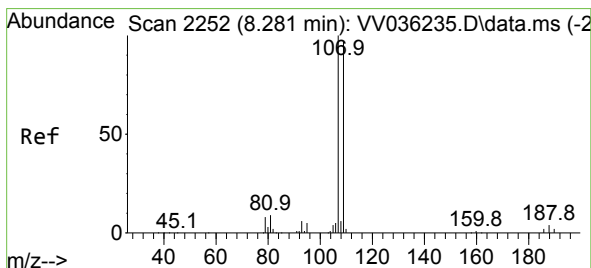
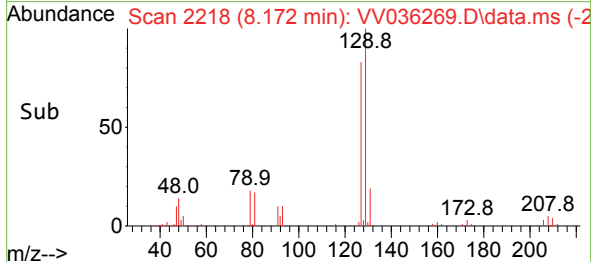
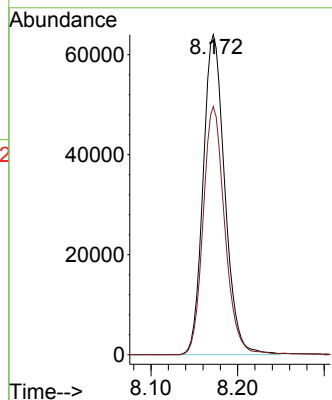
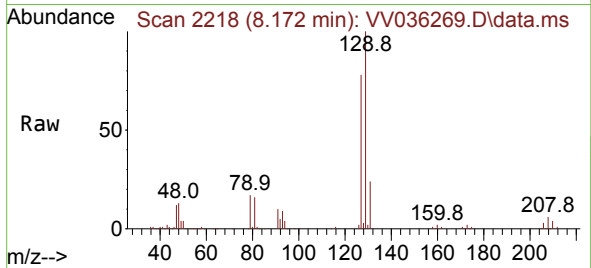




#49
Dibromochloromethane
Concen: 26.813 ug/L
RT: 8.172 min Scan# 211
Delta R.T. -0.003 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

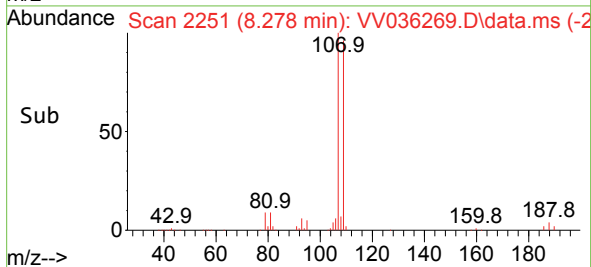
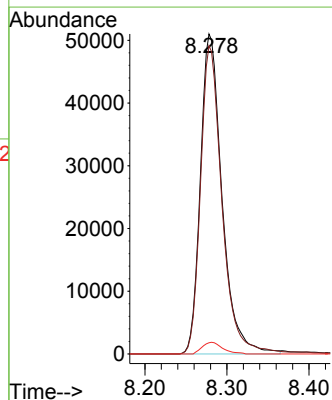
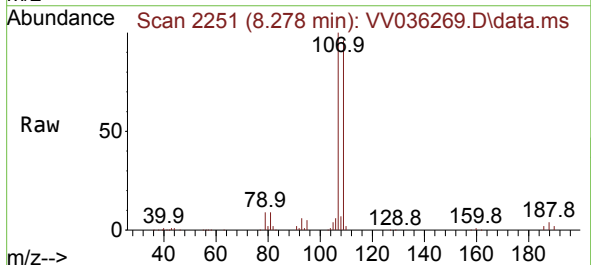
Instrument :
MSVOA_V
ClientSampleId :

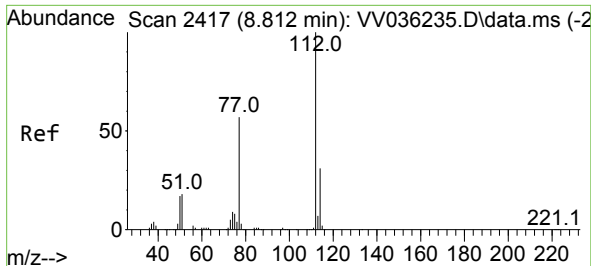
Tgt Ion:129 Resp: 111119
Ion Ratio Lower Upper
129 100
127 77.6 53.9 100.1



#50
1,2-Dibromoethane
Concen: 25.761 ug/L
RT: 8.278 min Scan# 2251
Delta R.T. -0.003 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

Tgt Ion:107 Resp: 93599
Ion Ratio Lower Upper
107 100
109 96.3 66.1 122.7
188 3.5 3.0 4.6

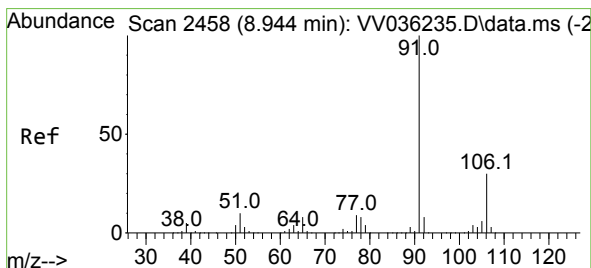
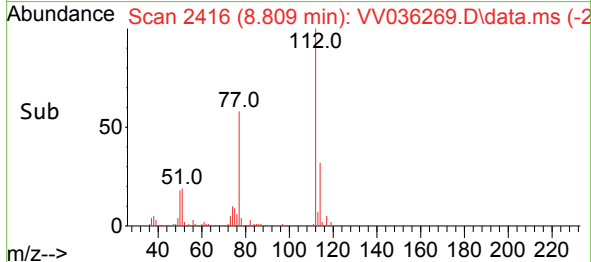
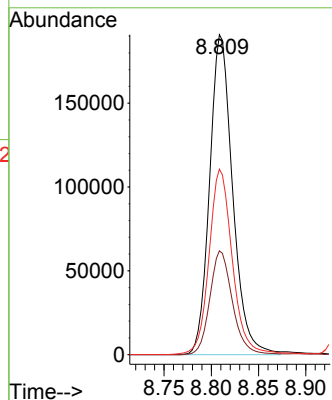
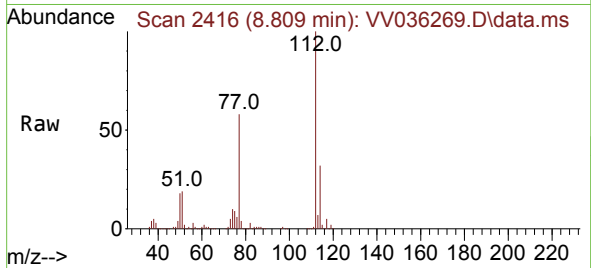




#51
Chlorobenzene
Concen: 26.678 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. -0.003 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

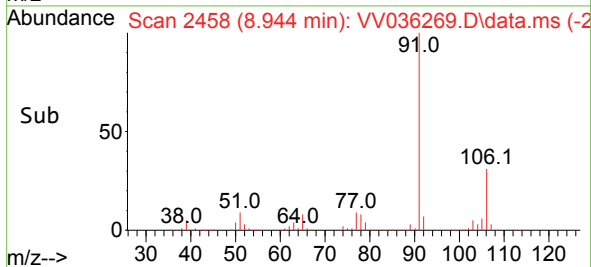
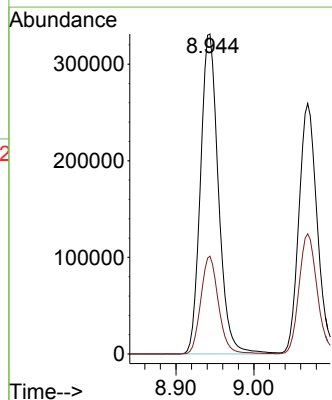
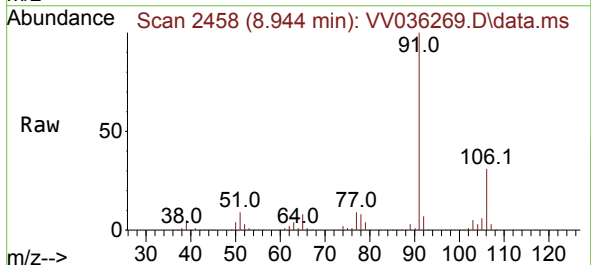
Instrument :
MSVOA_V
ClientSampleId :

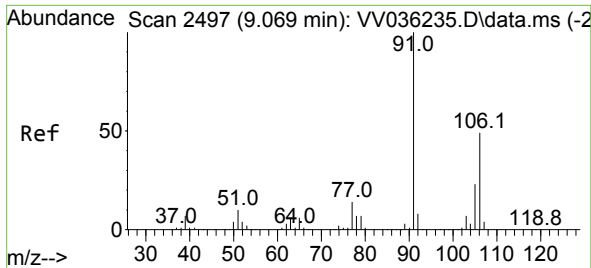
Tgt Ion:112 Resp: 323721
Ion Ratio Lower Upper
112 100
114 32.5 22.3 41.5
77 58.0 47.3 70.9



#52
Ethylbenzene
Concen: 27.840 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

Tgt Ion: 91 Resp: 530470
Ion Ratio Lower Upper
91 100
106 30.5 21.6 40.0

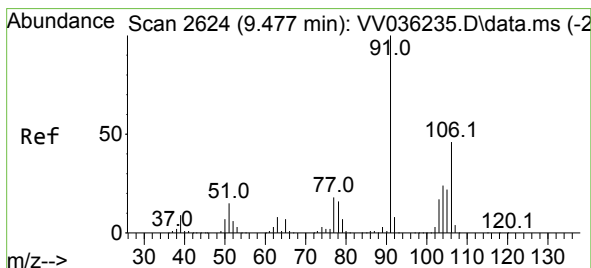
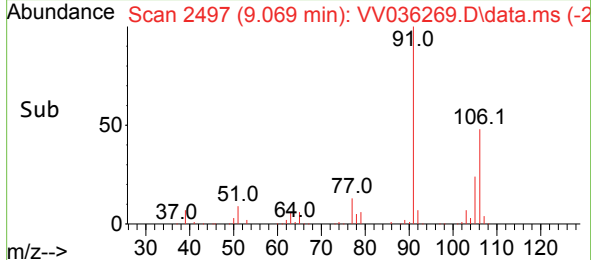
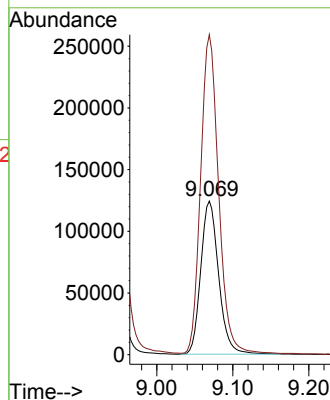
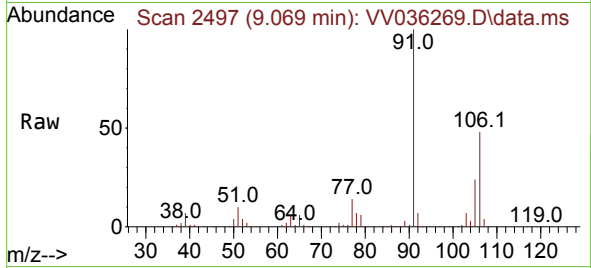




#53
m,p-Xylene
Concen: 28.279 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.003 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

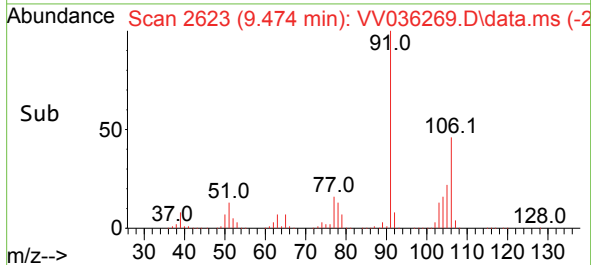
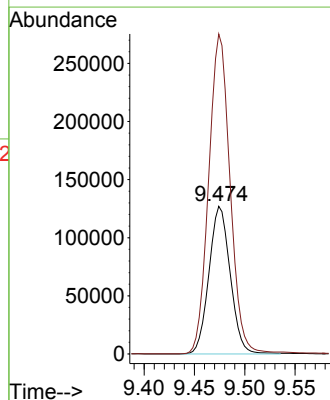
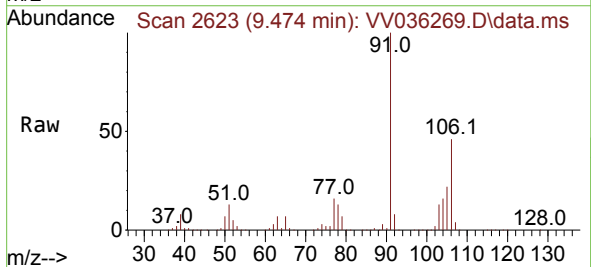
Instrument :
MSVOA_V
ClientSampleId :

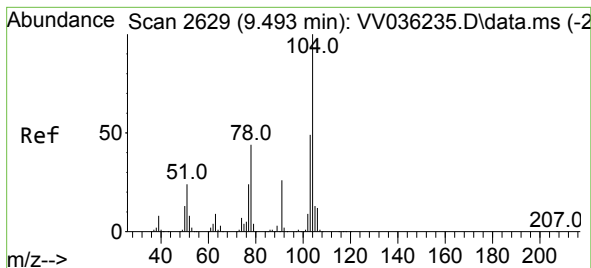
Tgt Ion:106 Resp: 202465
Ion Ratio Lower Upper
106 100
91 208.4 143.1 265.9



#54
o-Xylene
Concen: 27.705 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.003 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

Tgt Ion:106 Resp: 187052
Ion Ratio Lower Upper
106 100
91 216.7 154.5 286.9





#55

Styrene

Concen: 30.004 ug/L

RT: 9.490 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV036269.D

Acq: 25 Jun 2024 09:41

Instrument :

MSVOA_V

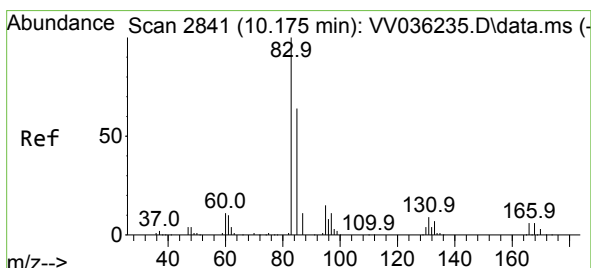
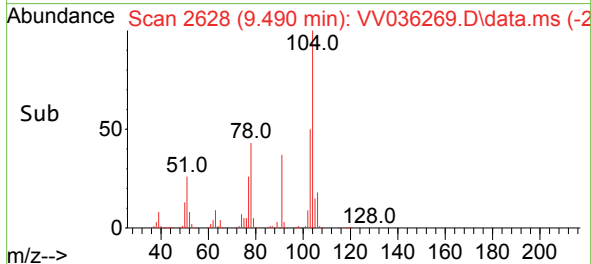
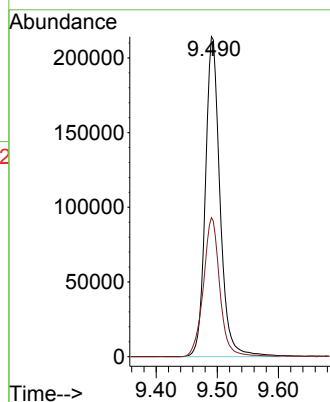
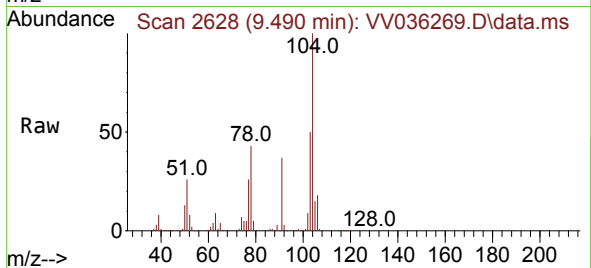
ClientSampleId :

Tgt Ion:104 Resp: 357228

Ion Ratio Lower Upper

104 100

78 43.5 31.4 58.2



#57

1,1,2,2-Tetrachloroethane

Concen: 26.749 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV036269.D

Acq: 25 Jun 2024 09:41

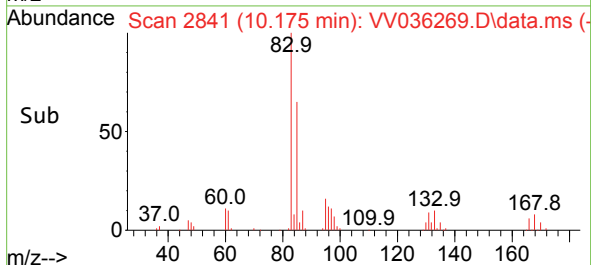
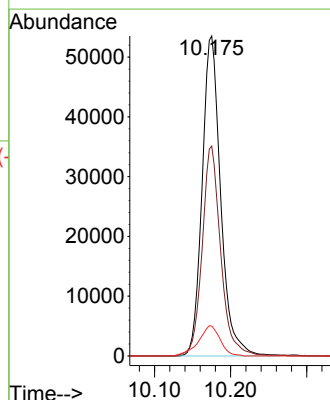
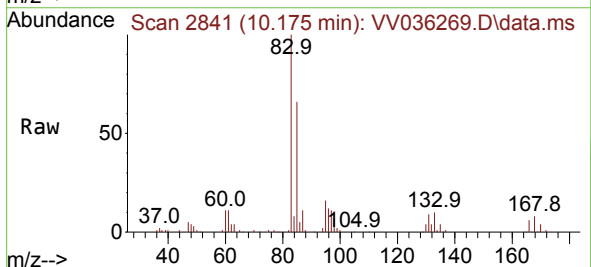
Tgt Ion: 83 Resp: 90697

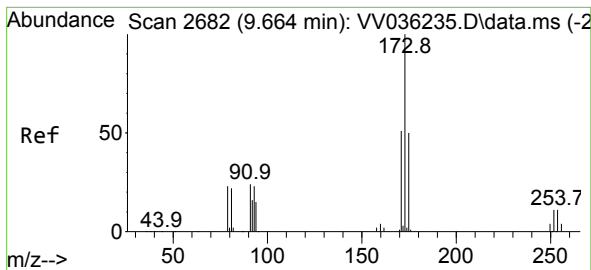
Ion Ratio Lower Upper

83 100

85 65.6 45.1 83.7

131 9.3 7.6 11.4





#59

Bromoform

Concen: 24.568 ug/L

RT: 9.661 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV036269.D

Acq: 25 Jun 2024 09:41

Instrument :

MSVOA_V

ClientSampleId :

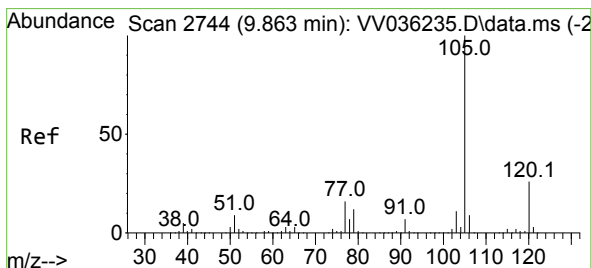
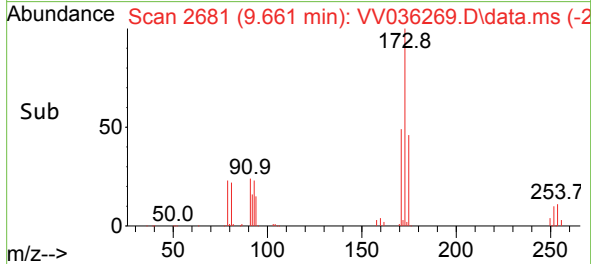
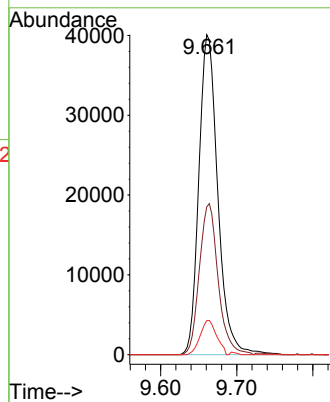
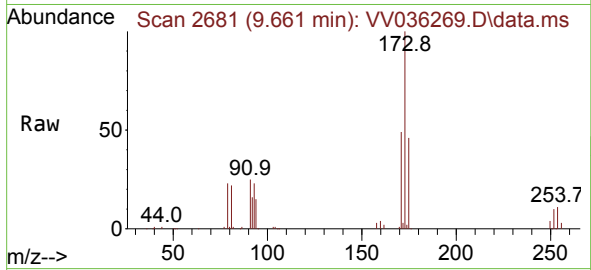
Tgt Ion:173 Resp: 69332

Ion Ratio Lower Upper

173 100

175 46.7 39.0 58.6

254 9.3 8.6 13.0



#60

Isopropylbenzene

Concen: 27.077 ug/L

RT: 9.863 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VV036269.D

Acq: 25 Jun 2024 09:41

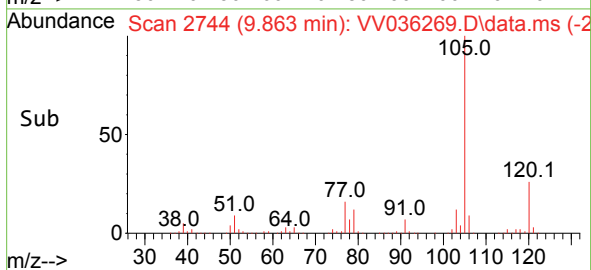
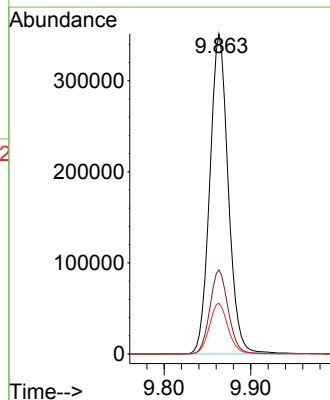
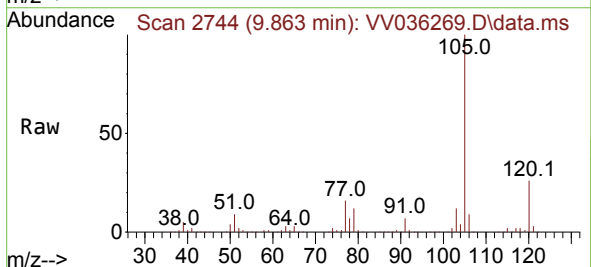
Tgt Ion:105 Resp: 519816

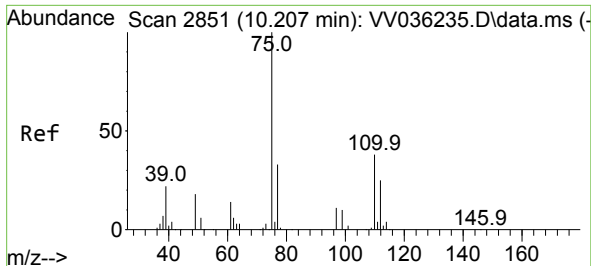
Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.6

77 15.9 12.6 18.8

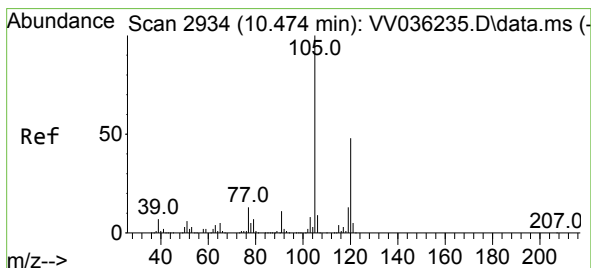
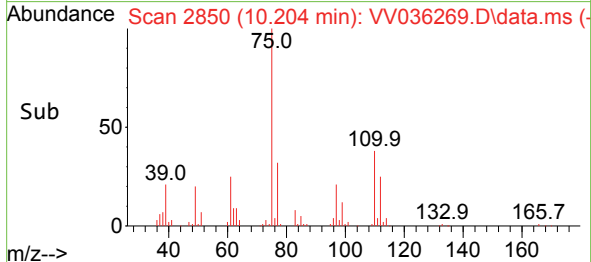
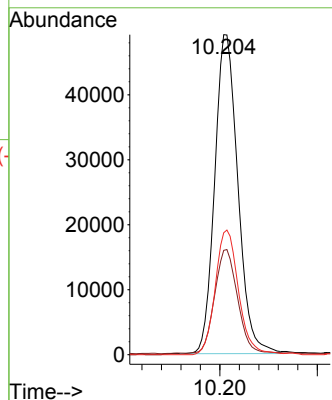
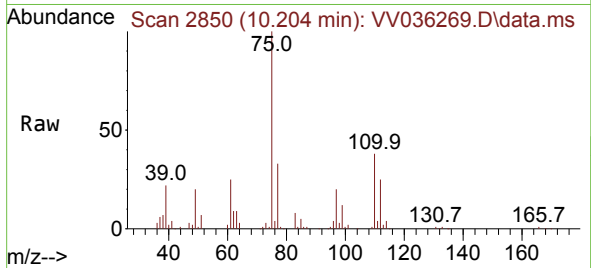




#61
1,2,3-Trichloropropane
Concen: 22.928 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.003 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

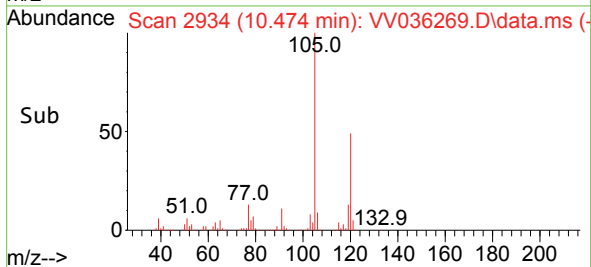
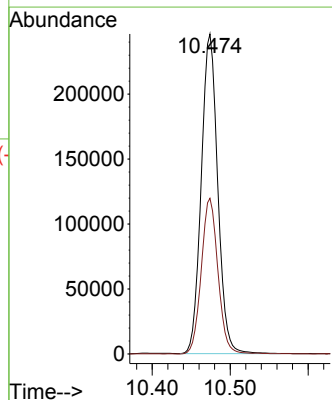
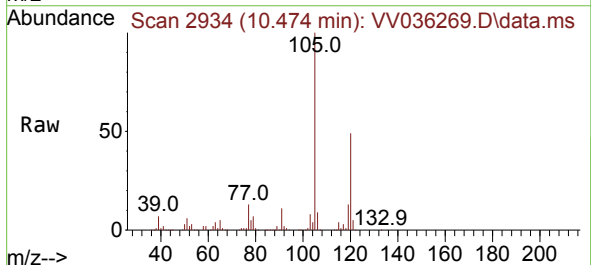
Instrument :
MSVOA_V
ClientSampleId :

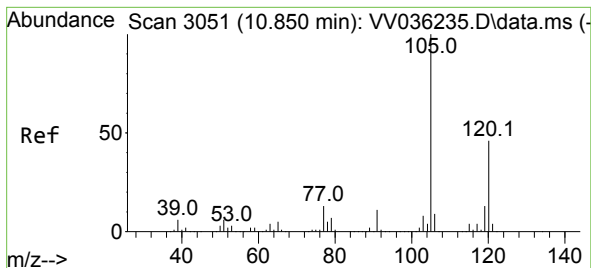
Tgt Ion: 75 Resp: 81144
Ion Ratio Lower Upper
75 100
77 32.2 26.0 39.0
110 39.2 32.2 48.4



#62
1,3,5-Trimethylbenzene
Concen: 25.919 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.000 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

Tgt Ion: 105 Resp: 360811
Ion Ratio Lower Upper
105 100
120 49.2 38.6 58.0





#63

1,2,4-Trimethylbenzene

Concen: 26.909 ug/L

RT: 10.847 min Scan# 3051

Delta R.T. -0.003 min

Lab File: VV036269.D

Acq: 25 Jun 2024 09:41

Instrument :

MSVOA_V

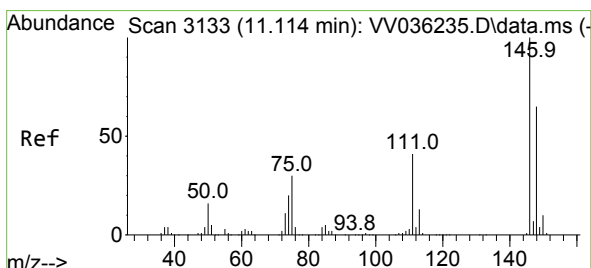
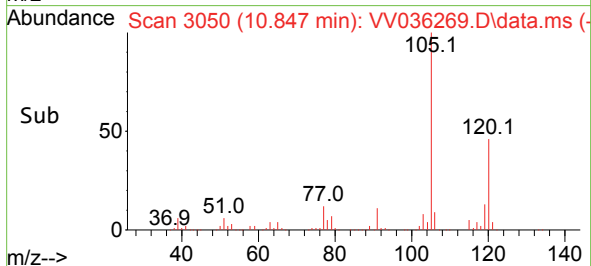
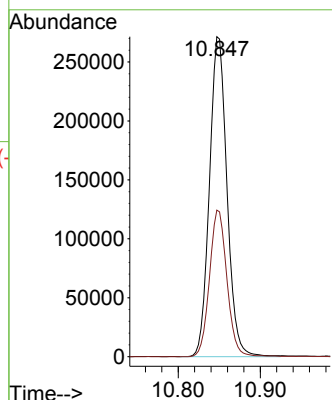
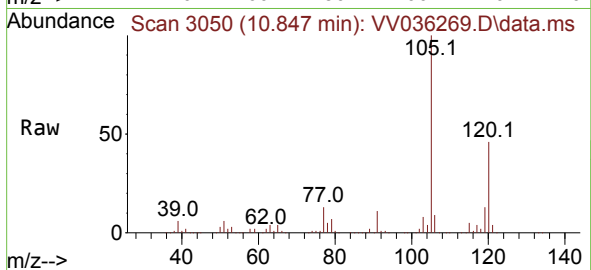
ClientSampleId :

Tgt Ion:105 Resp: 403608

Ion Ratio Lower Upper

105 100

120 45.6 36.2 54.4



#64

1,3-Dichlorobenzene

Concen: 26.349 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036269.D

Acq: 25 Jun 2024 09:41

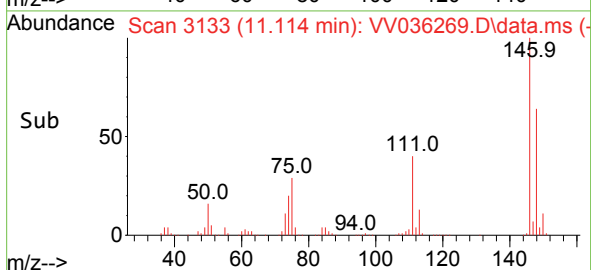
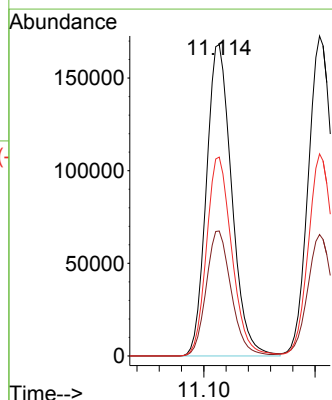
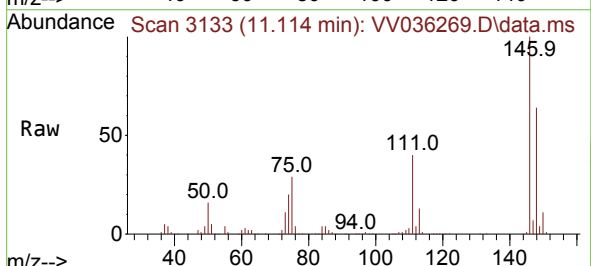
Tgt Ion:146 Resp: 265644

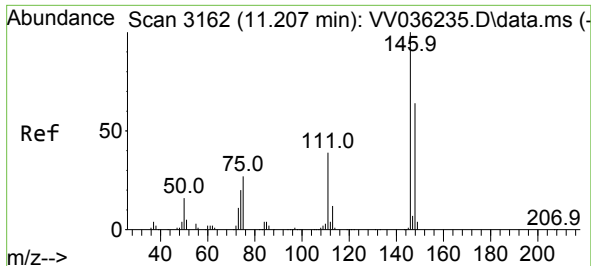
Ion Ratio Lower Upper

146 100

111 40.1 28.1 52.1

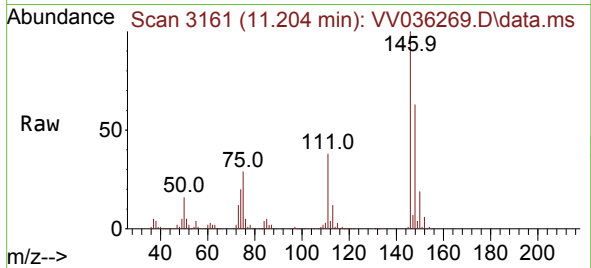
148 63.9 44.7 83.1



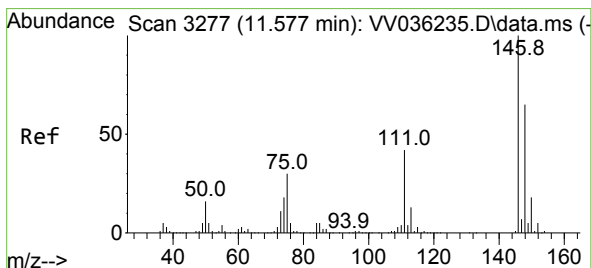
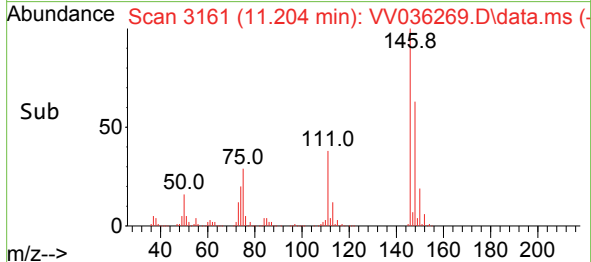
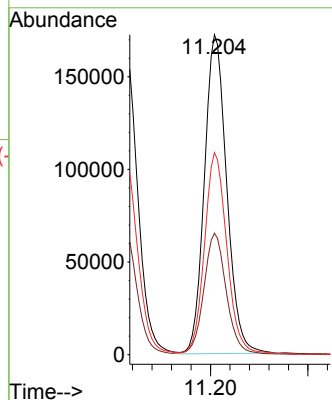


#65
1,4-Dichlorobenzene
Concen: 26.295 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.003 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

Instrument :
MSVOA_V
ClientSampleId :

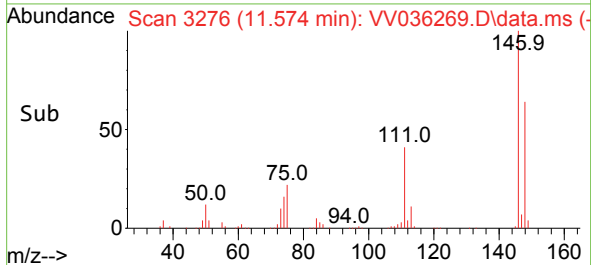
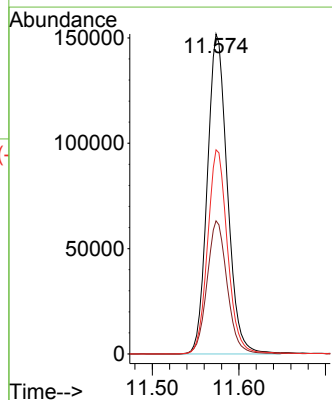
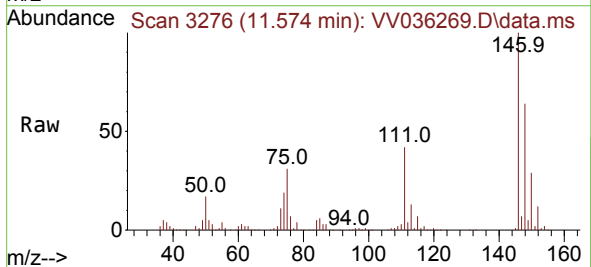


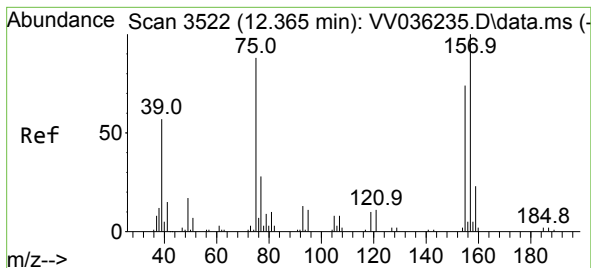
Tgt Ion:146 Resp: 273633
Ion Ratio Lower Upper
146 100
111 38.0 26.9 50.1
148 63.1 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 25.687 ug/L
RT: 11.574 min Scan# 3276
Delta R.T. -0.003 min
Lab File: VV036269.D
Acq: 25 Jun 2024 09:41

Tgt Ion:146 Resp: 243704
Ion Ratio Lower Upper
146 100
111 41.6 33.5 50.3
148 63.8 50.9 76.3

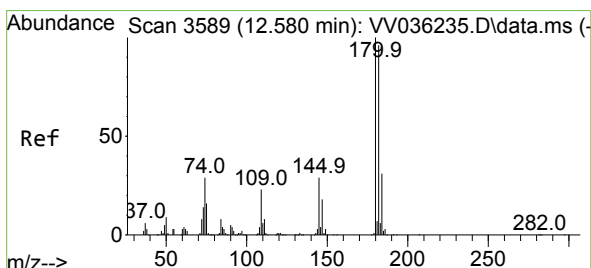
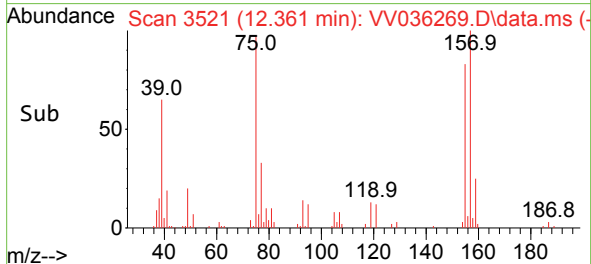
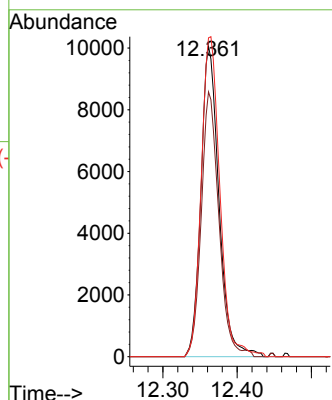
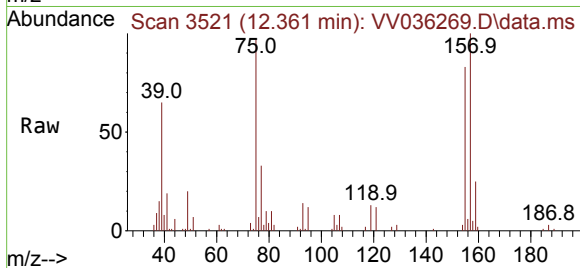




#68
 1,2-Dibromo-3-chloropropane
 Concen: 21.505 ug/L
 RT: 12.361 min Scan# 3521
 Delta R.T. 0.000 min
 Lab File: VV036269.D
 Acq: 25 Jun 2024 09:41

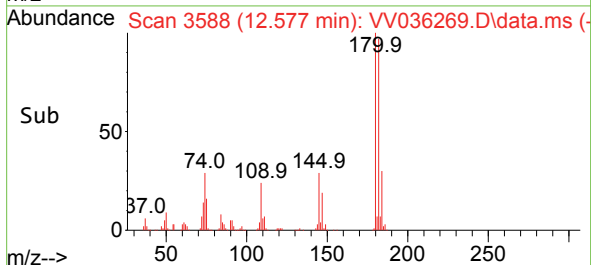
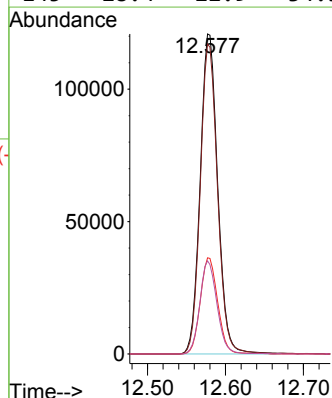
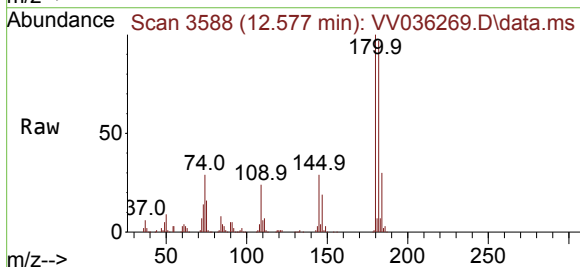
Instrument :
 MSVOA_V
 ClientSampleId :

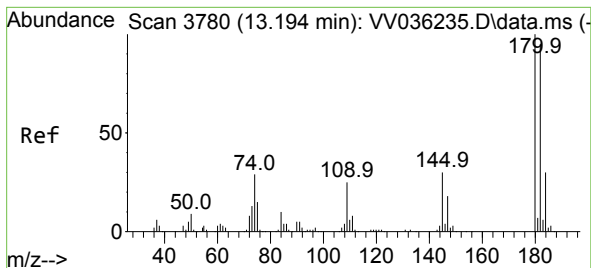
Tgt Ion: 75 Resp: 17019
 Ion Ratio Lower Upper
 75 100
 155 85.3 63.3 94.9
 157 102.8 82.4 123.6



#69
 1,3,5-Trichlorobenzene
 Concen: 25.034 ug/L
 RT: 12.577 min Scan# 3588
 Delta R.T. -0.003 min
 Lab File: VV036269.D
 Acq: 25 Jun 2024 09:41

Tgt Ion:180 Resp: 188789
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.2 114.4
 184 29.8 24.2 36.2
 145 28.4 22.9 34.3





#70

1,2,4-trichlorobenzene

Concen: 23.992 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.003 min

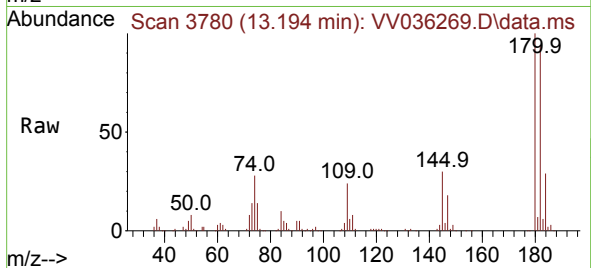
Lab File: VV036269.D

Acq: 25 Jun 2024 09:41

Instrument :

MSVOA_V

ClientSampleId :



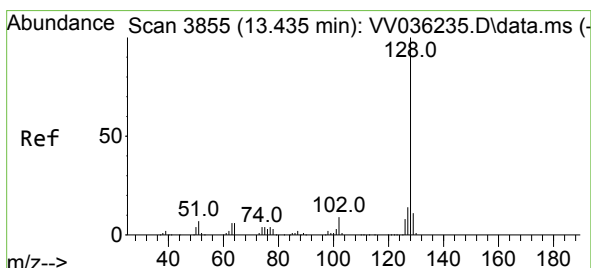
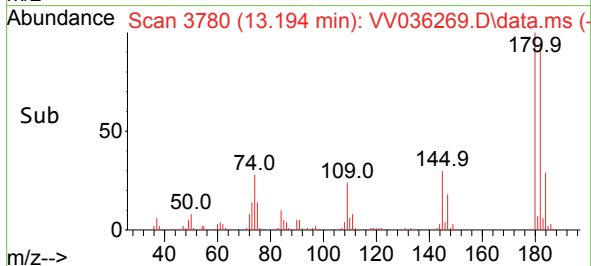
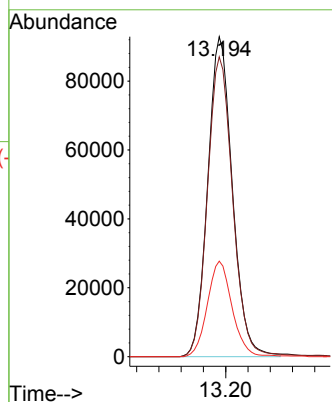
Tgt Ion:180 Resp: 142460

Ion Ratio Lower Upper

180 100

182 95.9 76.1 114.1

145 29.8 23.5 35.3



#71

Naphthalene

Concen: 21.556 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV036269.D

Acq: 25 Jun 2024 09:41

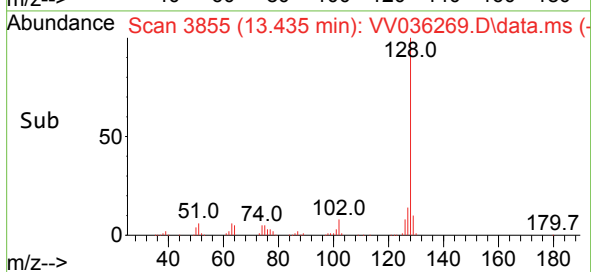
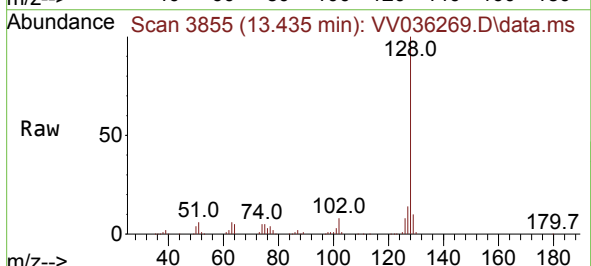
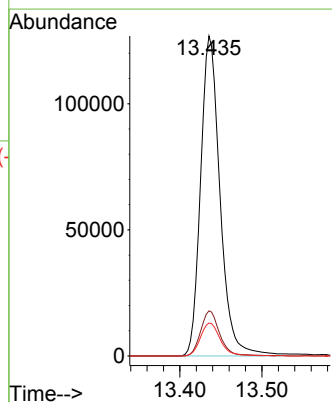
Tgt Ion:128 Resp: 208884

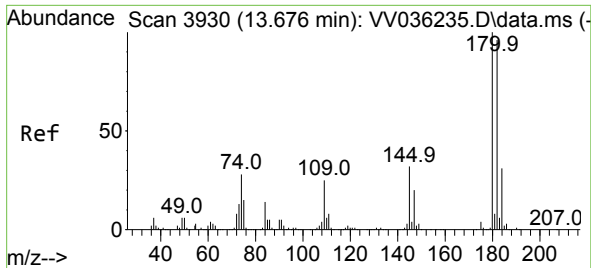
Ion Ratio Lower Upper

128 100

127 13.9 10.6 16.0

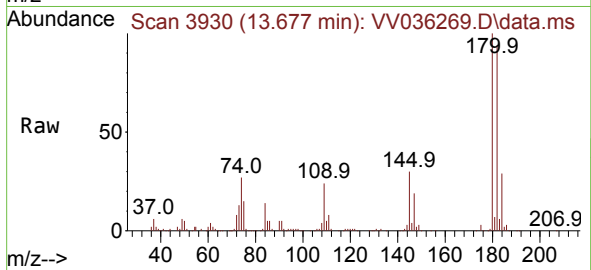
129 10.5 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 25.848 ug/L
 RT: 13.677 min Scan# 3930
 Delta R.T. 0.000 min
 Lab File: VV036269.D
 Acq: 25 Jun 2024 09:41

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 140059
 Ion Ratio Lower Upper
 180 100
 182 93.9 75.1 112.7
 145 30.9 25.2 37.8

