

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072624\
 Data File : VW036723.D
 Acq On : 26 Jul 2024 11:18
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00gM/5.00mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 27 04:09:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 00:49:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	400550	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	392298	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	222456	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	99200	22.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.440%
7) Chloroethane-d5	1.526	69	97916	24.712	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.840%
11) 1,1-Dichloroethene-d2	2.050	65	52664	22.704	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.800%
21) 2-Butanone-d5	3.851	46	23203	22.663	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.320%
24) Chloroform-d	4.240	84	268270	25.324	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.280%
26) 1,2-Dichloroethane-d4	4.934	65	124556	23.833	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.320%
32) Benzene-d6	4.950	84	466616	25.097	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	5.982	67	132393	24.991	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.960%
41) Toluene-d8	7.236	98	441794	24.899	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	7.551	79	52672	22.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.480%
47) 2-Hexanone-d5	8.034	63	28393	40.272	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.540%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	105542	22.858	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.440%
66) 1,2-Dichlorobenzene-d4	11.558	152	179983	23.177	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	176076	25.921	ug/L	99
3) Chloromethane	1.211	50	141476	27.071	ug/L	100
5) Vinyl chloride	1.278	62	175771	27.197	ug/L	99
6) Bromomethane	1.484	94	132862	25.712	ug/L	99
8) Chloroethane	1.545	64	110190	26.309	ug/L	100
9) Trichlorofluoromethane	1.706	101	292355	26.053	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	180524	25.855	ug/L	99
12) 1,1-Dichloroethene	2.060	96	162737	26.336	ug/L	93
13) Acetone	2.388	43	34350	20.653	ug/L	70
14) Carbon disulfide	2.230	76	447236	26.077	ug/L	99
15) Methyl Acetate	2.388	43	38143	19.658	ug/L	98
16) Methylene chloride	2.439	84	179196	24.044	ug/L	96
17) trans-1,2-Dichloroethene	2.687	96	157466	25.233	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	276582	21.131	ug/L	99
19) 1,1-Dichloroethane	3.101	63	252723	25.812	ug/L	98
20) cis-1,2-Dichloroethene	3.805	96	155547	23.867	ug/L	99
22) 2-Butanone	3.918	43	40166	28.451	ug/L	# 71
23) Bromochloromethane	4.140	128	81260	23.461	ug/L	98
25) Chloroform	4.265	83	292078	24.714	ug/L	99

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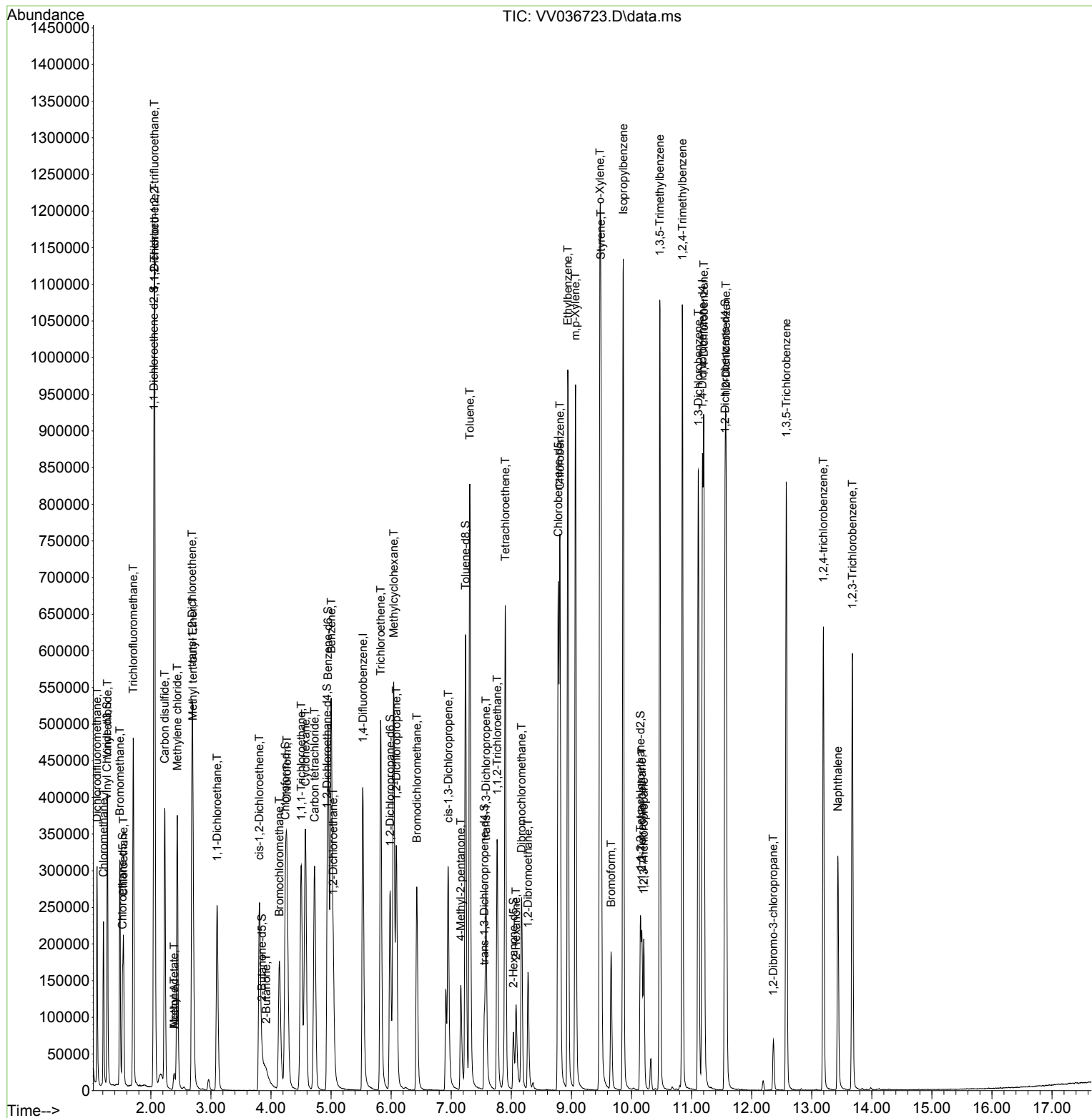
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27) 1,2-Dichloroethane	5.037	62	164320	23.171	ug/L	98
29) Cyclohexane	4.574	56	181683	25.976	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	268364	26.442	ug/L	100
31) Carbon tetrachloride	4.725	117	248981	26.257	ug/L	99
33) Benzene	5.002	78	580709	26.066	ug/L	100
34) Trichloroethene	5.825	95	179457	24.614	ug/L	98
35) Methylcyclohexane	6.043	83	252824	26.043	ug/L	99
37) 1,2-Dichloropropane	6.085	63	132846	25.910	ug/L	100
38) Bromodichloromethane	6.426	83	200013	23.926	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	198643	23.596	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	95254	39.786	ug/L	97
42) Toluene	7.310	91	655022	26.545	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	175793	23.252	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	113870	22.772	ug/L	98
46) Tetrachloroethene	7.899	164	161225	22.285	ug/L	99
48) 2-Hexanone	8.079	43	74794	39.844	ug/L	99
49) Dibromochloromethane	8.172	129	143655	22.802	ug/L	98
50) 1,2-Dibromoethane	8.278	107	112233	22.340	ug/L	100
51) Chlorobenzene	8.809	112	441602	24.717	ug/L	100
52) Ethylbenzene	8.940	91	699684	25.778	ug/L	100
53) m,p-Xylene	9.069	106	283809	26.781	ug/L	97
54) o-Xylene	9.474	106	260513	25.586	ug/L	100
55) Styrene	9.490	104	464932	26.929	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	97343	21.485	ug/L	100
59) Bromoform	9.661	173	90882	21.692	ug/L	98
60) Isopropylbenzene	9.863	105	726976	26.705	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	82682	21.084	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	572221	26.948	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	572625	26.640	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	374907	24.636	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	384249	24.519	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	336922	23.811	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	18132	19.634	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	277973	23.156	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	211422	21.681	ug/L	100
71) Naphthalene	13.435	128	275524	18.994	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	194558	22.113	ug/L	99

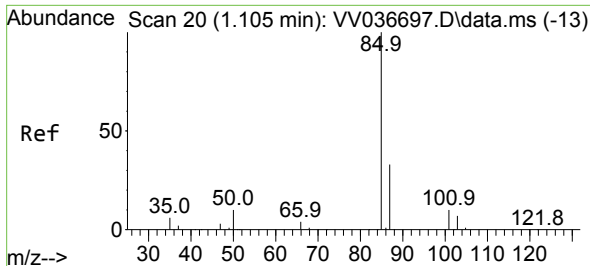
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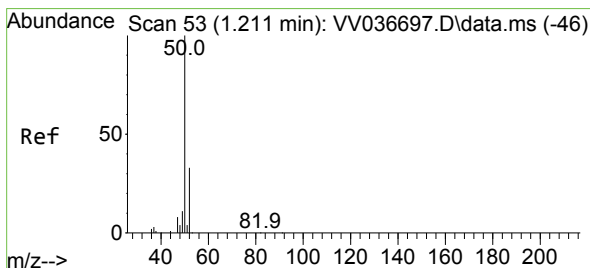
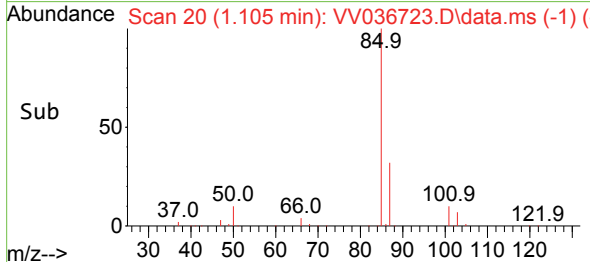
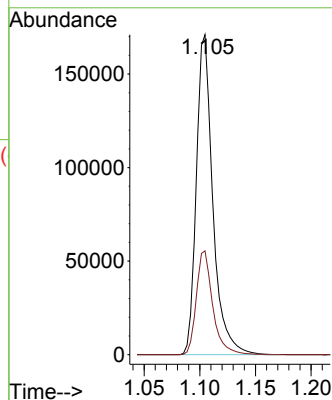
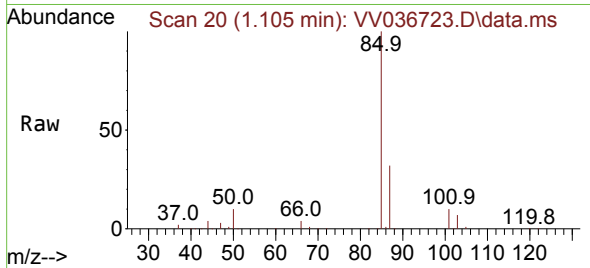




#2
 Dichlorodifluoromethane
 Concen: 25.921 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VV036723.D
 Acq: 26 Jul 2024 11:18

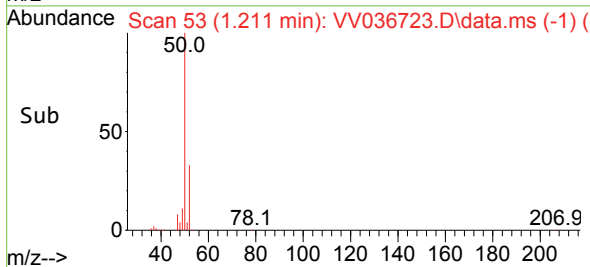
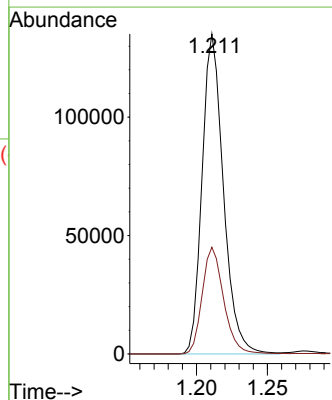
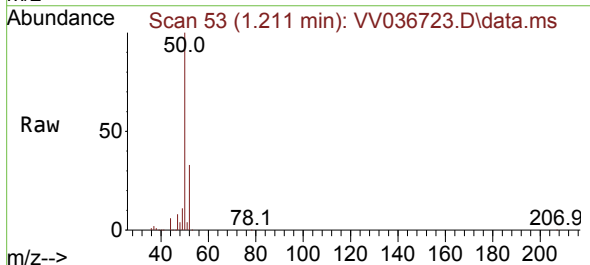
Instrument :
 MSVOA_V
 ClientSampleId :

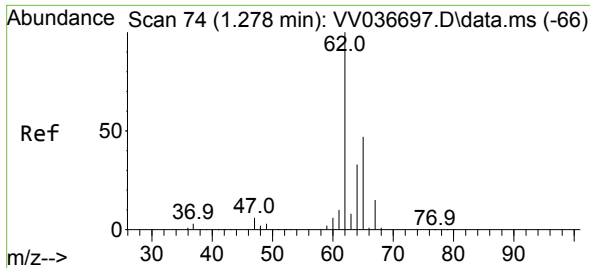
Tgt Ion: 85 Resp: 176076
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.5 39.7



#3
 Chloromethane
 Concen: 27.071 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV036723.D
 Acq: 26 Jul 2024 11:18

Tgt Ion: 50 Resp: 141476
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.3 43.3

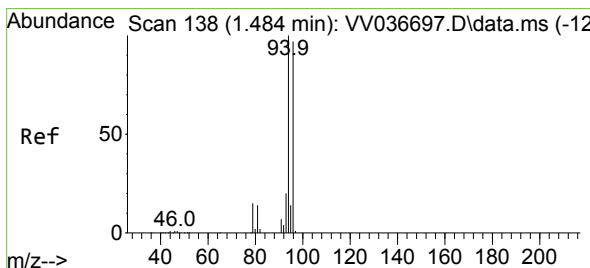
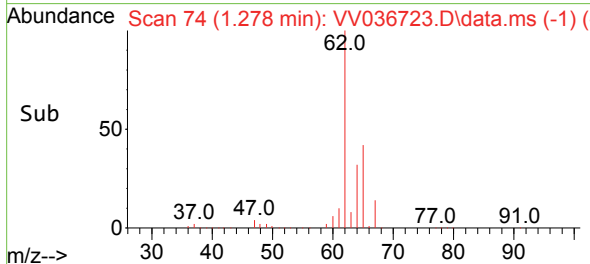
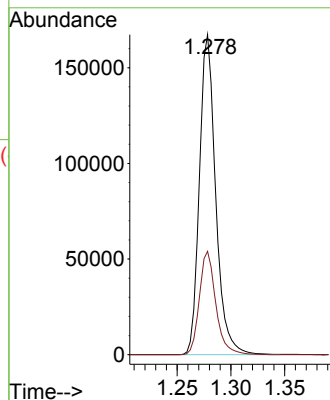
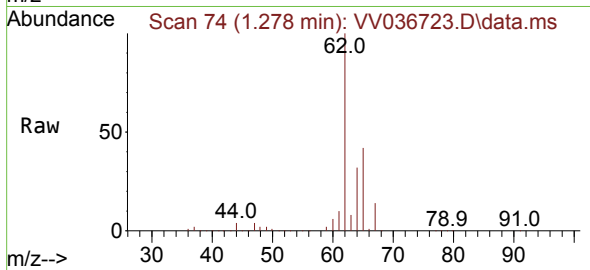




#5
 Vinyl chloride
 Concen: 27.197 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VV036723.D
 Acq: 26 Jul 2024 11:18

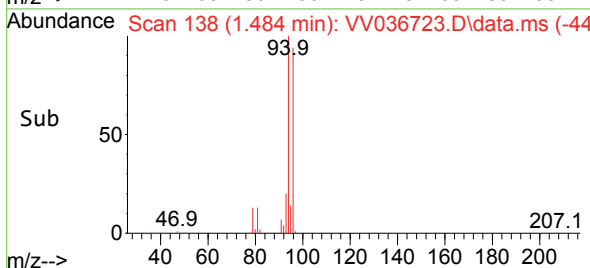
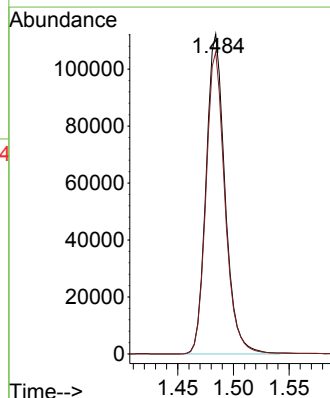
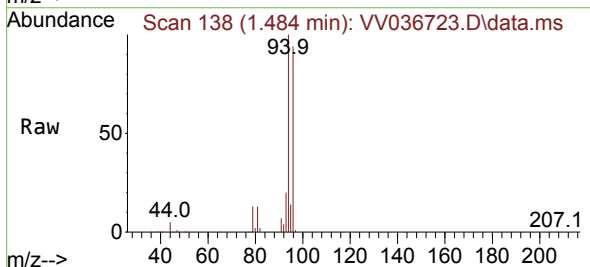
Instrument :
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 ClientSampleId :

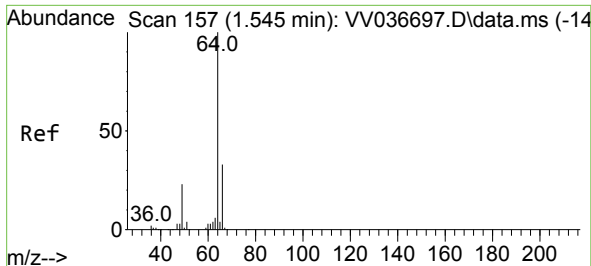
Tgt Ion: 62 Resp: 175771
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.1 42.9



#6
 Bromomethane
 Concen: 25.712 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.003 min
 Lab File: VV036723.D
 Acq: 26 Jul 2024 11:18

Tgt Ion: 94 Resp: 132862
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.6 123.6

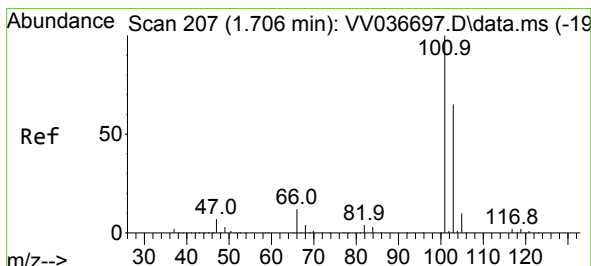
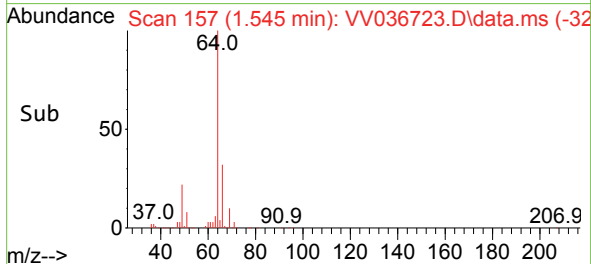
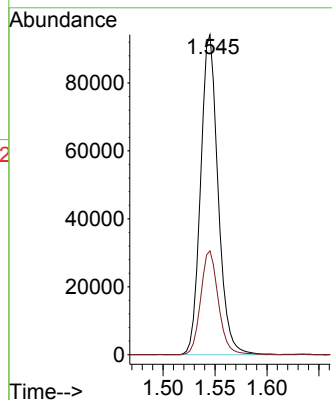
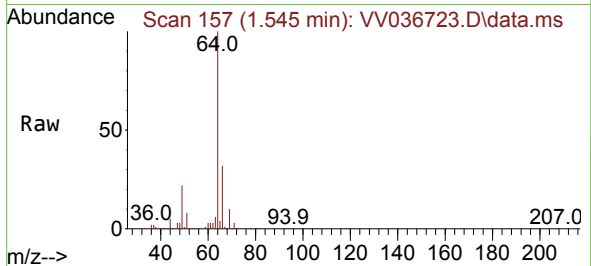




#8
Chloroethane
Concen: 26.309 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

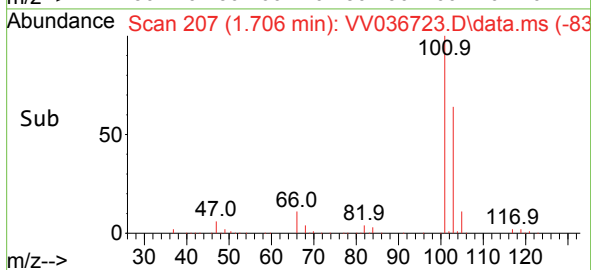
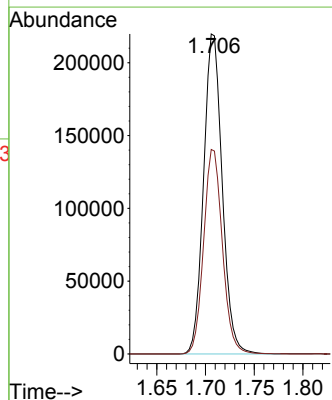
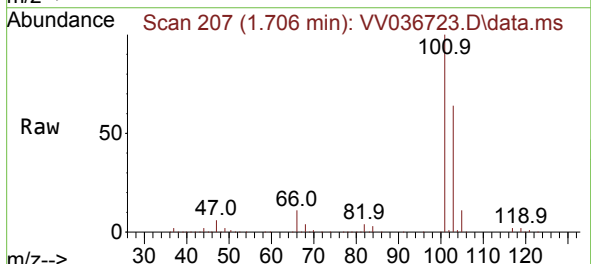
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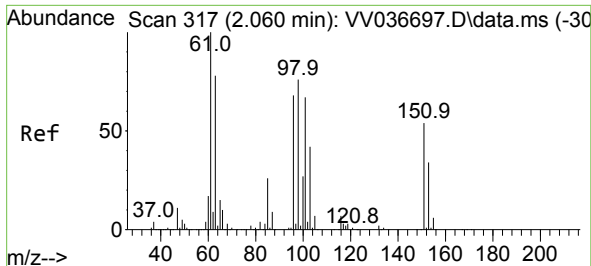
Tgt Ion: 64 Resp: 110190
Ion Ratio Lower Upper
64 100
66 32.5 22.7 42.1



#9
Trichlorofluoromethane
Concen: 26.053 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

Tgt Ion:101 Resp: 292355
Ion Ratio Lower Upper
101 100
103 64.2 52.2 78.4

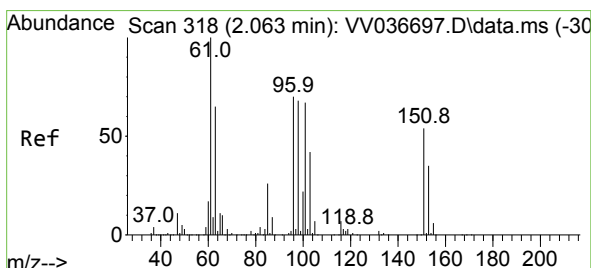
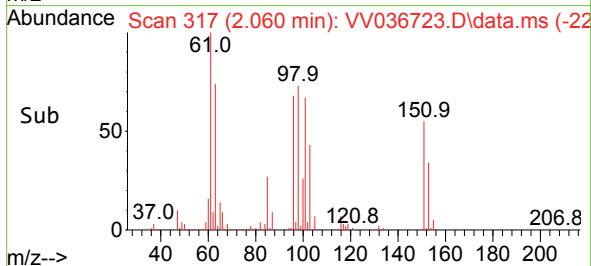
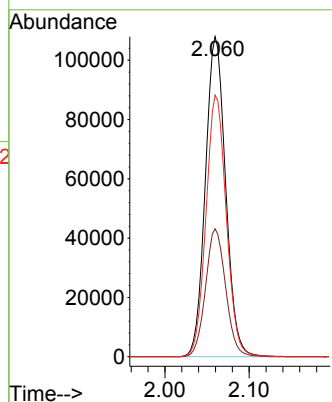
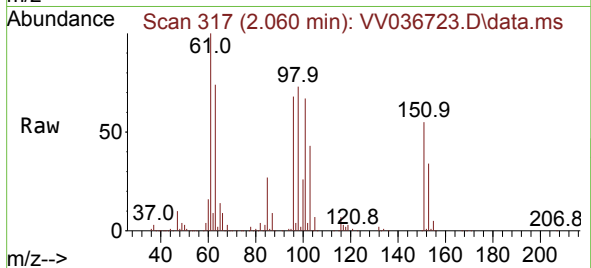




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.855 ug/L
RT: 2.060 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

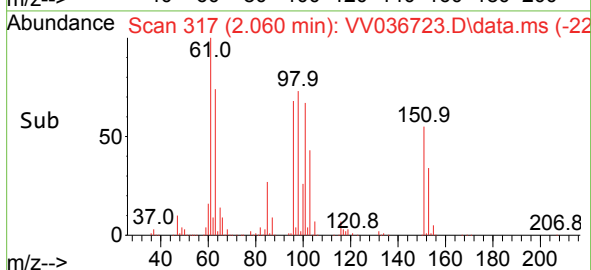
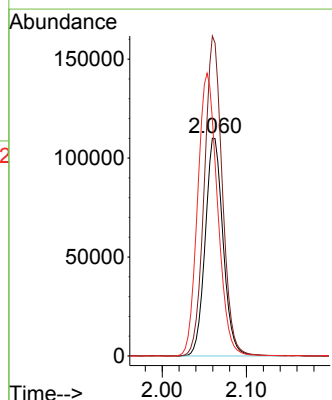
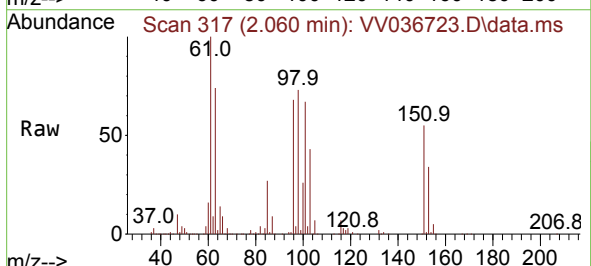
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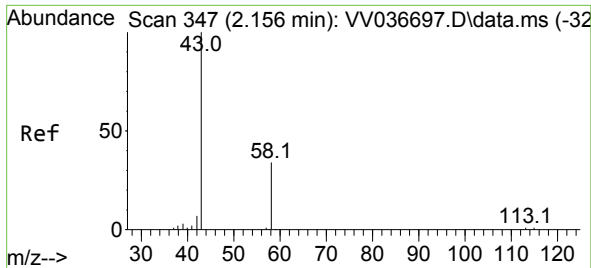
Tgt Ion:101 Resp: 180524
Ion Ratio Lower Upper
101 100
85 39.7 32.4 48.6
151 82.0 64.9 97.3



#12
1,1-Dichloroethene
Concen: 26.336 ug/L
RT: 2.060 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

Tgt Ion: 96 Resp: 162737
Ion Ratio Lower Upper
96 100
61 147.0 102.3 189.9
63 108.7 64.1 119.1





#13

Acetone

Concen: 20.653 ug/L

RT: 2.388 min Scan# 41

Delta R.T. 0.232 min

Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

Instrument :

MSVOA_V

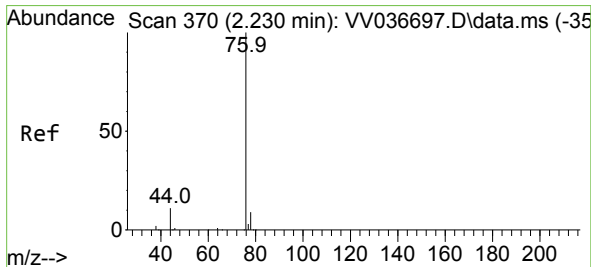
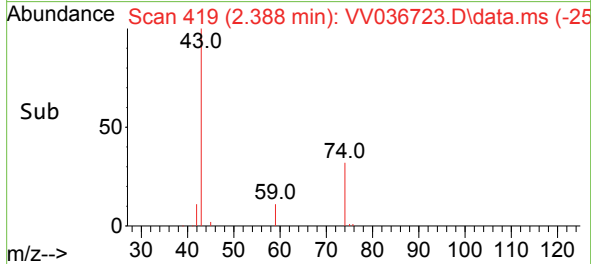
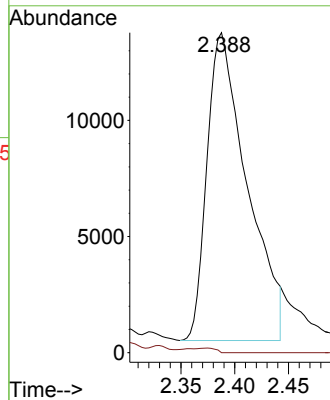
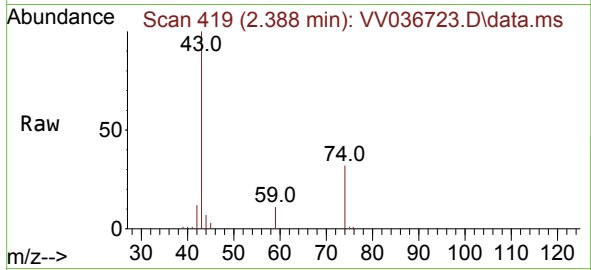
ClientSampleId :

Tgt Ion: 43 Resp: 34350

Ion Ratio Lower Upper

43 100

58 0.1 0.0 23.0



#14

Carbon disulfide

Concen: 26.077 ug/L

RT: 2.230 min Scan# 370

Delta R.T. 0.000 min

Lab File: VV036723.D

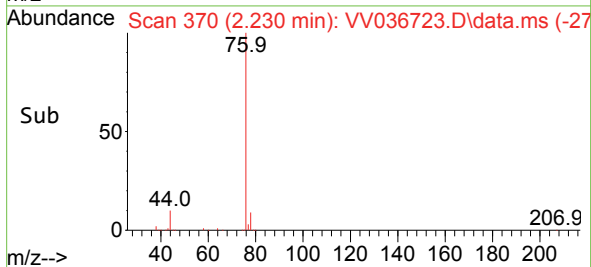
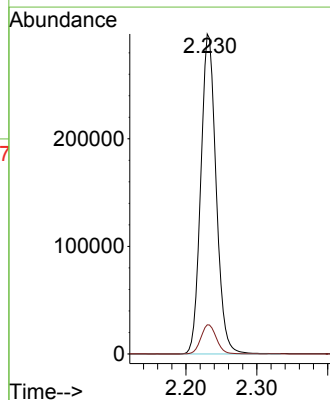
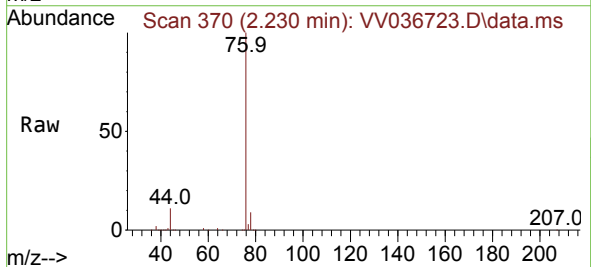
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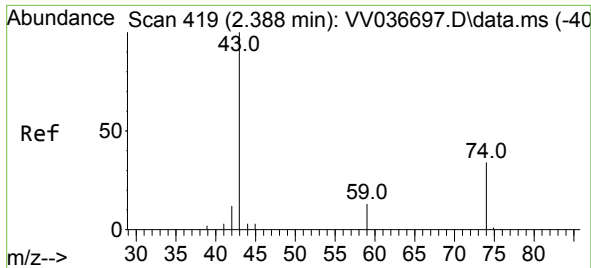
Tgt Ion: 76 Resp: 447236

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

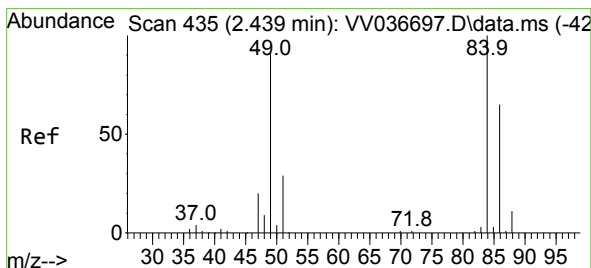
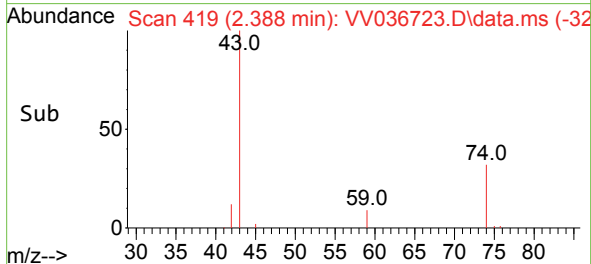
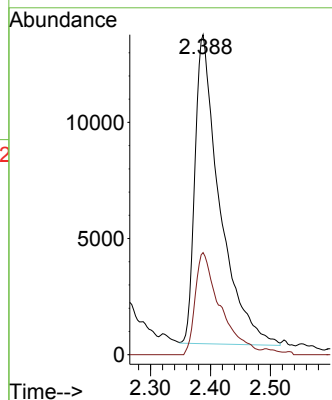
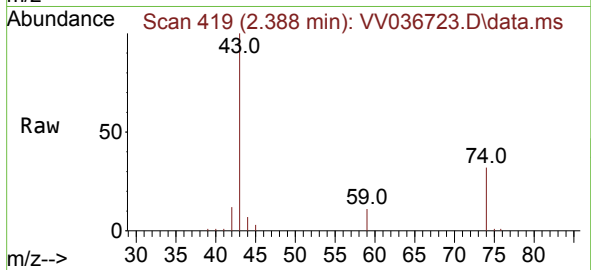




#15
Methyl Acetate
Concen: 19.658 ug/L
RT: 2.388 min Scan# 419
Delta R.T. 0.000 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

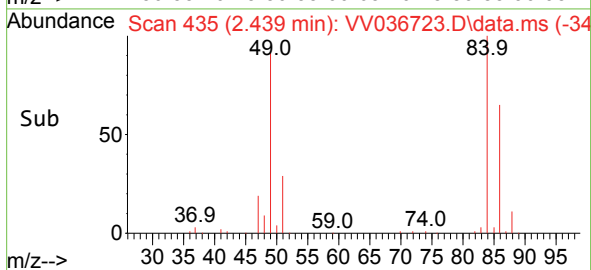
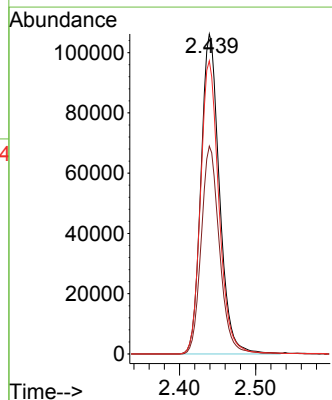
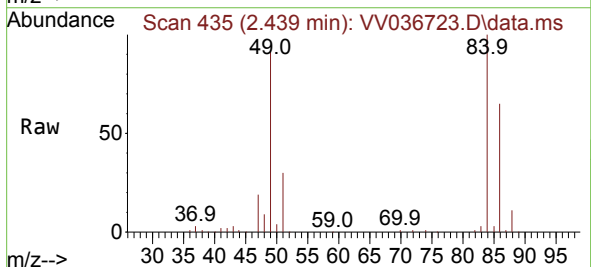
Instrument :
MSVOA_V
ClientSampleId :

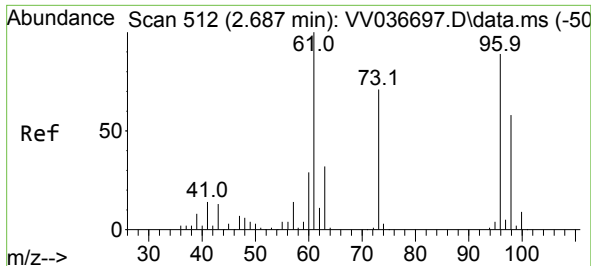
Tgt Ion: 43 Resp: 38143
Ion Ratio Lower Upper
43 100
74 33.7 27.8 41.8



#16
Methylene chloride
Concen: 24.044 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

Tgt Ion: 84 Resp: 179196
Ion Ratio Lower Upper
84 100
86 64.9 47.2 87.6
49 91.6 67.3 125.1





#17

trans-1,2-Dichloroethene

Concen: 25.233 ug/L

RT: 2.687 min Scan# 512

Delta R.T. 0.003 min

Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

Instrument :

MSVOA_V

ClientSampleId :

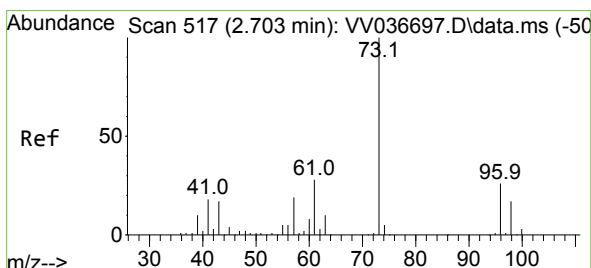
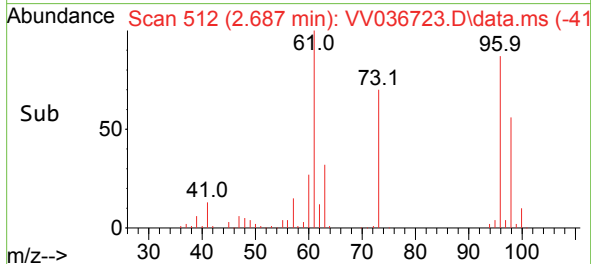
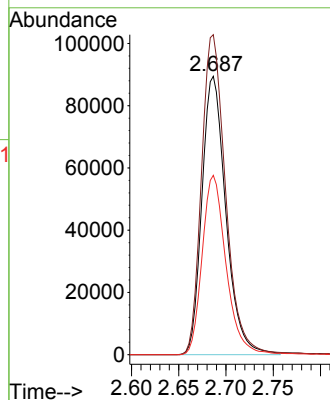
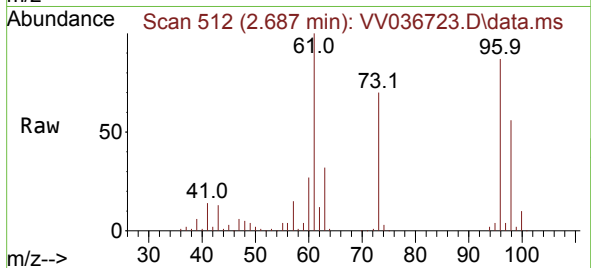
Tgt Ion: 96 Resp: 157466

Ion Ratio Lower Upper

96 100

61 114.9 81.5 151.5

98 64.4 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 21.131 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

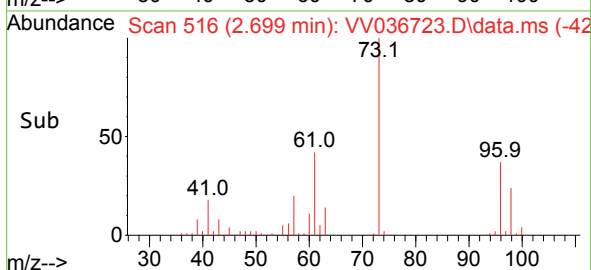
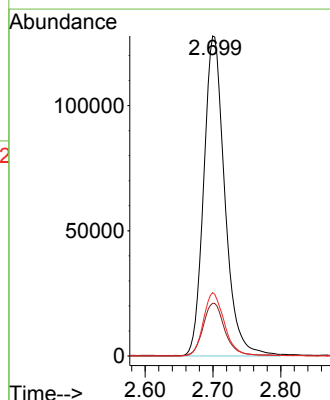
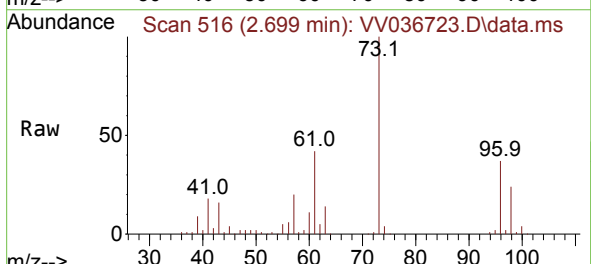
Tgt Ion: 73 Resp: 276582

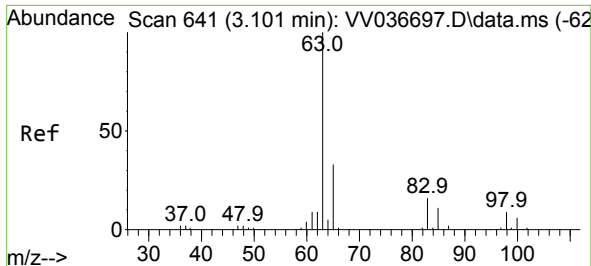
Ion Ratio Lower Upper

73 100

43 16.7 13.8 20.6

57 19.7 15.4 23.2





#19

1,1-Dichloroethane

Concen: 25.812 ug/L

RT: 3.101 min Scan# 641

Delta R.T. 0.000 min

Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

Instrument :

MSVOA_V

ClientSampleId :

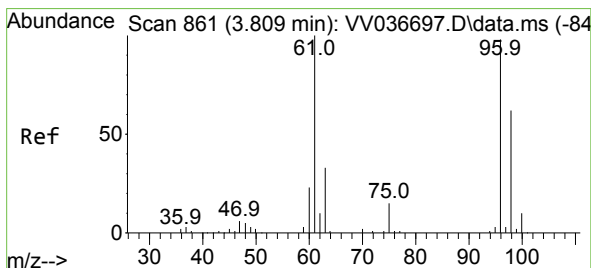
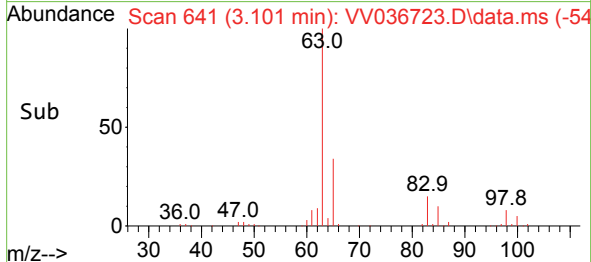
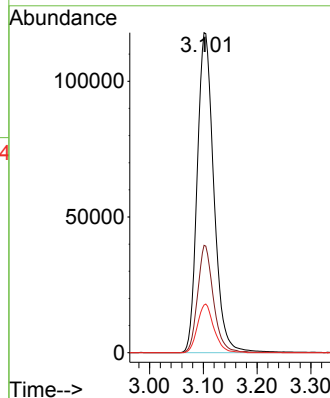
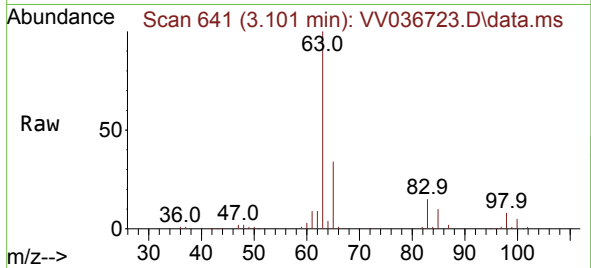
Tgt Ion: 63 Resp: 252723

Ion Ratio Lower Upper

63 100

65 33.5 22.7 42.1

83 14.9 11.1 20.7



#20

cis-1,2-Dichloroethene

Concen: 23.867 ug/L

RT: 3.805 min Scan# 860

Delta R.T. 0.000 min

Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

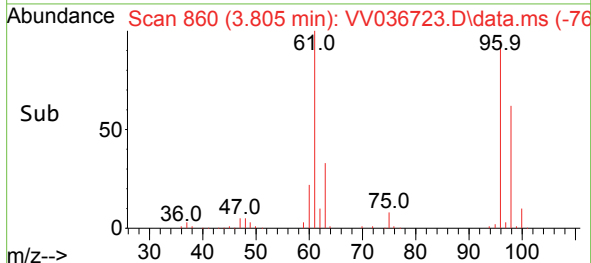
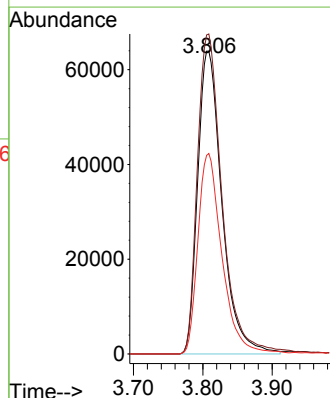
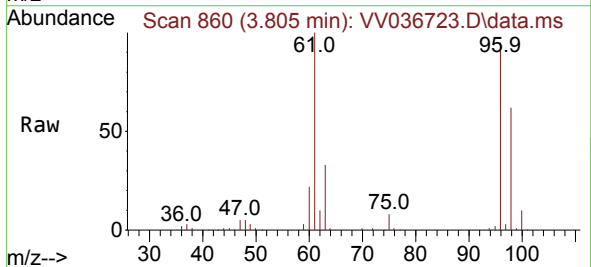
Tgt Ion: 96 Resp: 155547

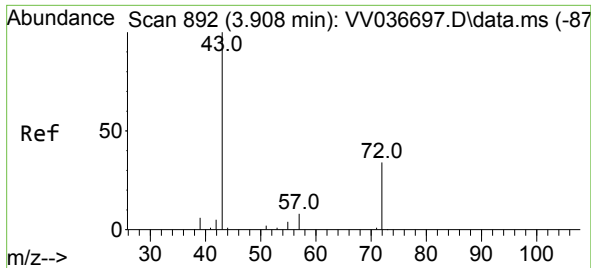
Ion Ratio Lower Upper

96 100

61 105.3 73.0 135.6

98 65.6 44.8 83.2

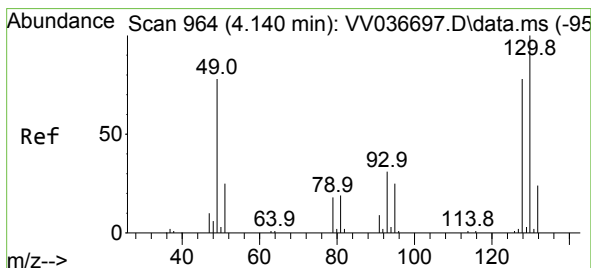
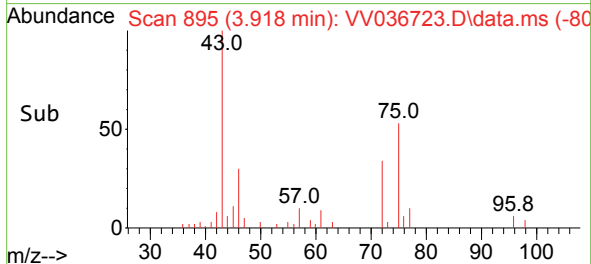
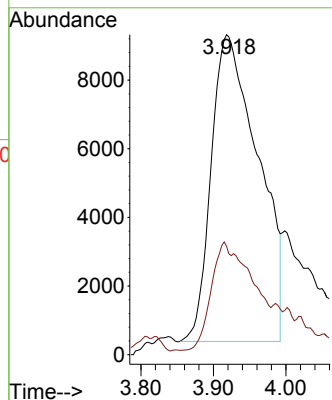
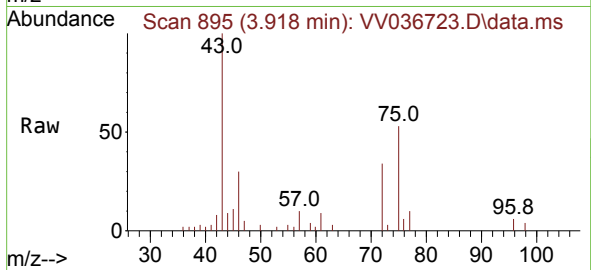




#22
2-Butanone
Concen: 28.451 ug/L
RT: 3.918 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

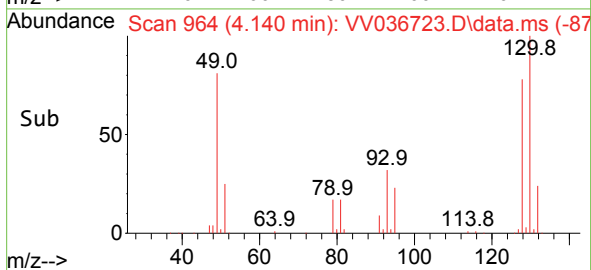
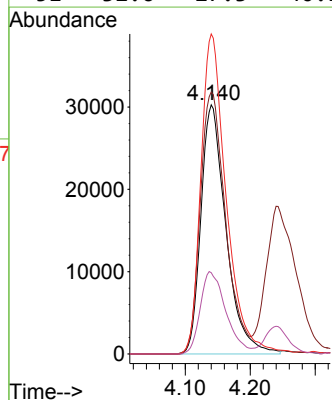
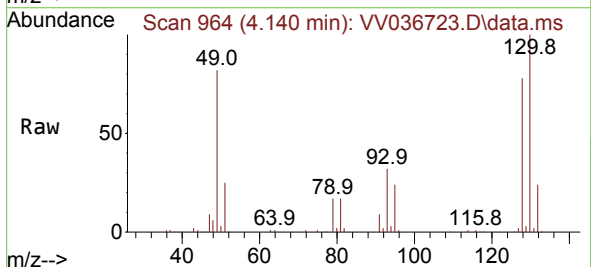
Instrument :
MSVOA_V
ClientSampleId :

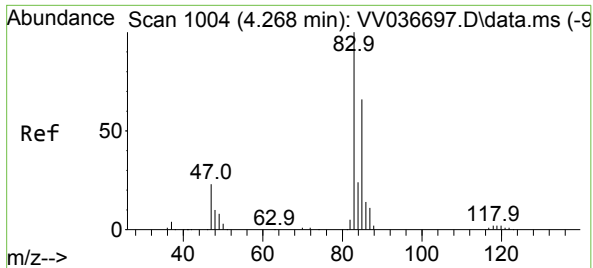
Tgt Ion: 43 Resp: 40166
Ion Ratio Lower Upper
43 100
72 14.4 15.2 45.5#



#23
Bromochloromethane
Concen: 23.461 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.000 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

Tgt Ion:128 Resp: 81260
Ion Ratio Lower Upper
128 100
49 105.2 74.4 138.2
130 128.4 88.6 164.6
51 32.6 27.3 40.9

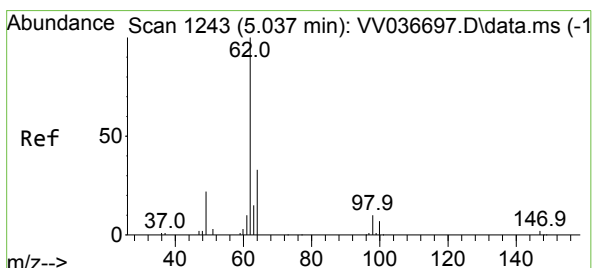
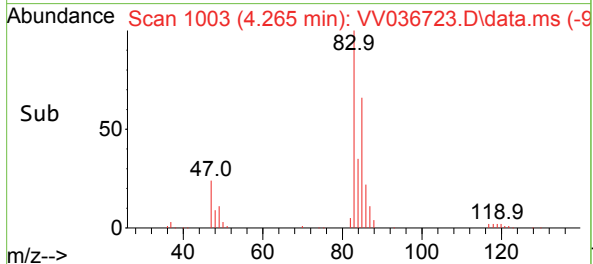
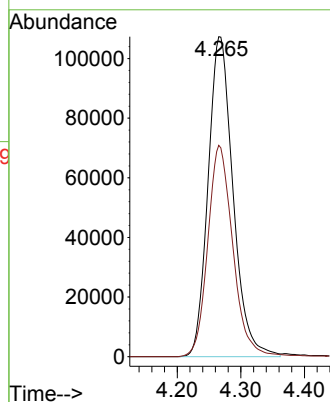
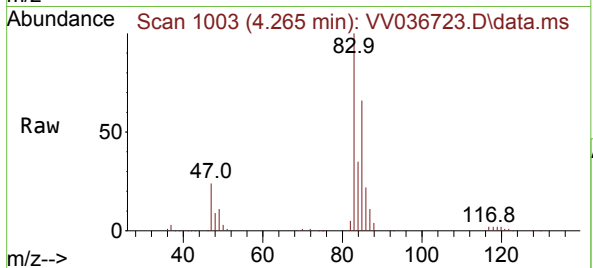




#25
Chloroform
Concen: 24.714 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

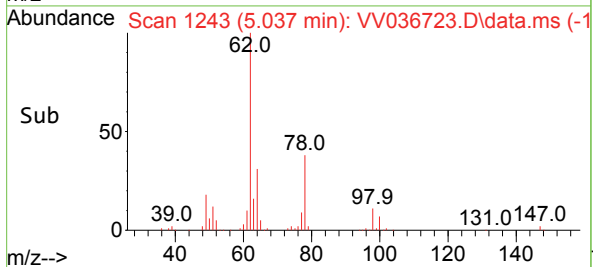
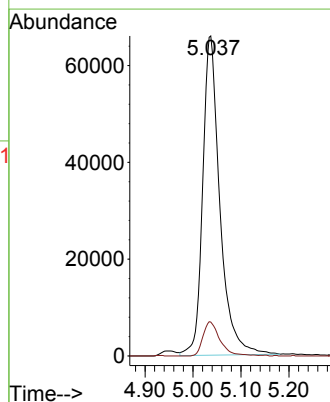
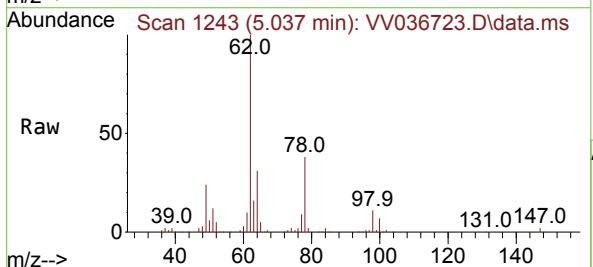
Instrument :
MSVOA_V
ClientSampleId :

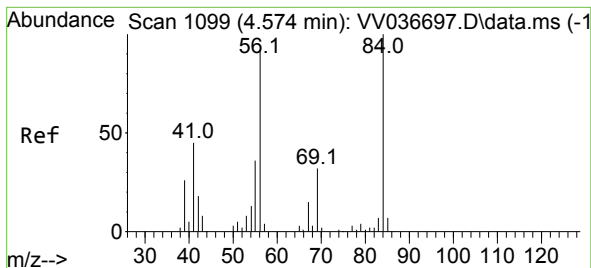
Tgt Ion: 83 Resp: 292078
Ion Ratio Lower Upper
83 100
85 66.1 45.6 84.6



#27
1,2-Dichloroethane
Concen: 23.171 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

Tgt Ion: 62 Resp: 164320
Ion Ratio Lower Upper
62 100
98 10.6 9.0 13.6





#29

Cyclohexane

Concen: 25.976 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.003 min

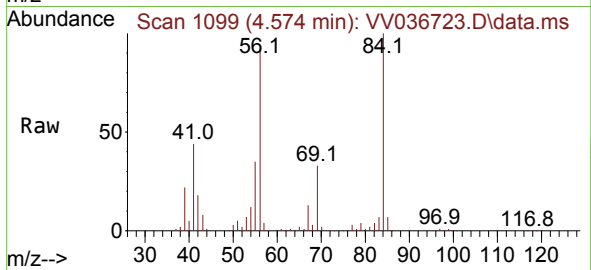
Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

Instrument :

MSVOA_V

ClientSampleId :



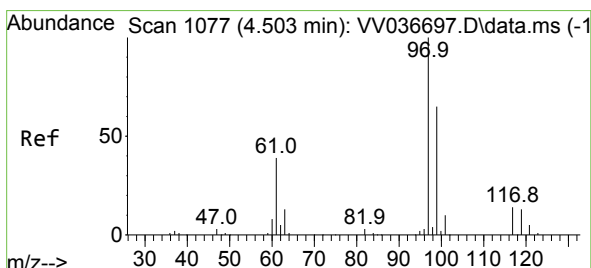
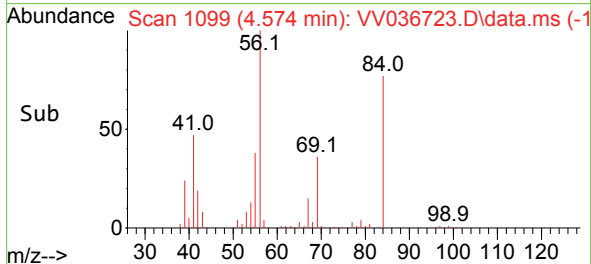
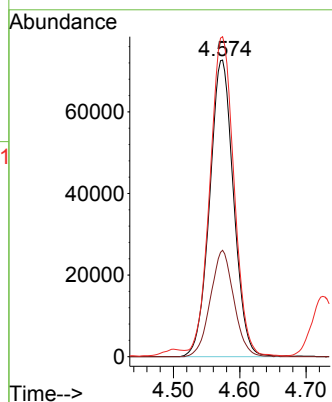
Tgt Ion: 56 Resp: 181683

Ion Ratio Lower Upper

56 100

69 35.3 28.5 42.7

84 108.7 88.6 132.8



#30

1,1,1-Trichloroethane

Concen: 26.442 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

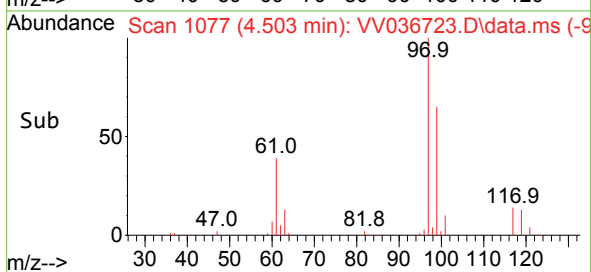
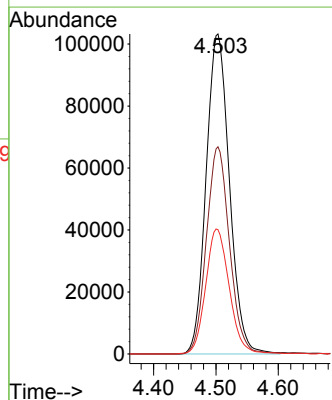
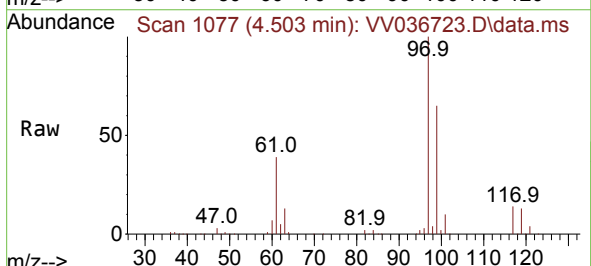
Tgt Ion: 97 Resp: 268364

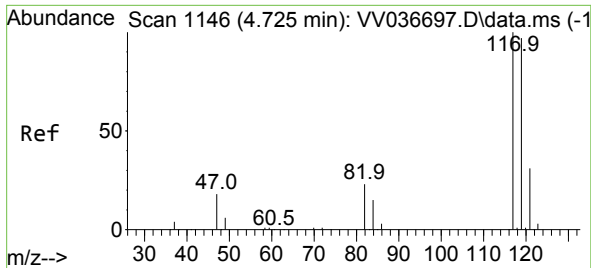
Ion Ratio Lower Upper

97 100

99 64.2 51.6 77.4

61 39.6 31.9 47.9

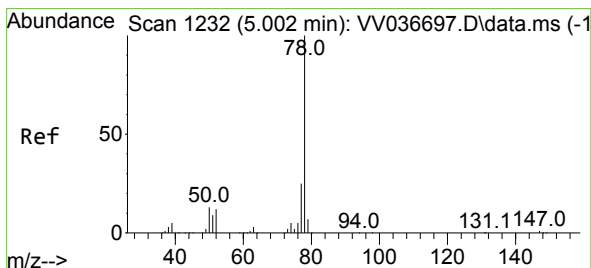
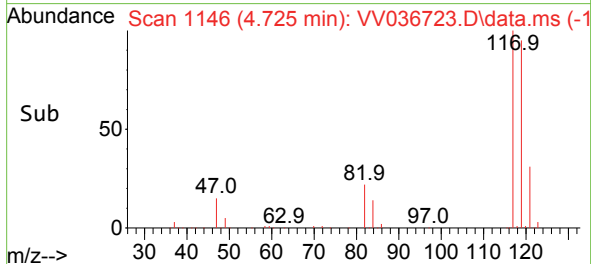
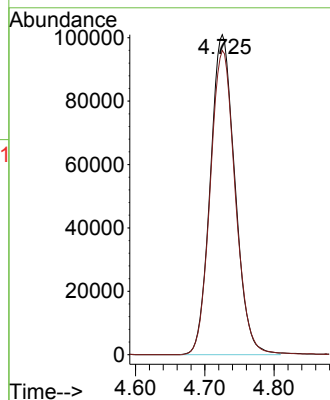
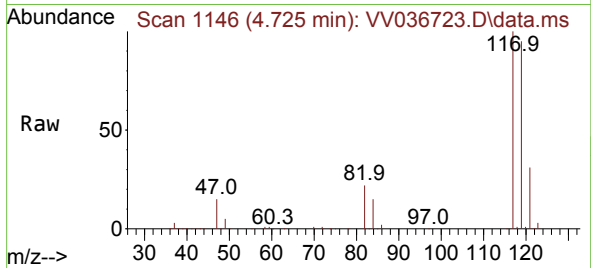




#31
Carbon tetrachloride
Concen: 26.257 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

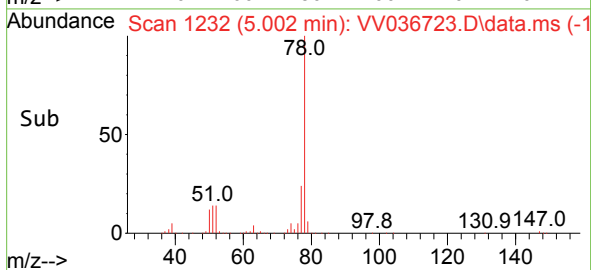
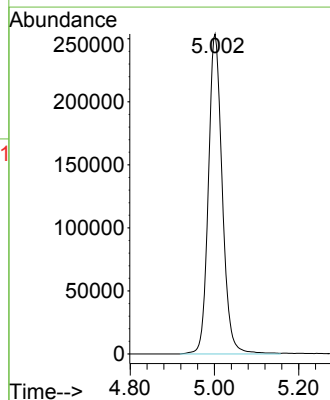
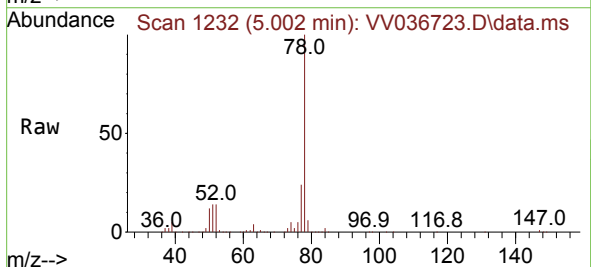
Instrument :
MSVOA_V
ClientSampleId :

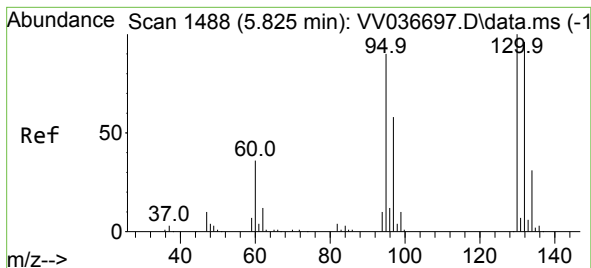
Tgt Ion:117 Resp: 248981
Ion Ratio Lower Upper
117 100
119 96.8 76.6 115.0



#33
Benzene
Concen: 26.066 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

Tgt Ion: 78 Resp: 580709





#34

Trichloroethene

Concen: 24.614 ug/L

RT: 5.825 min Scan# 14

Delta R.T. 0.000 min

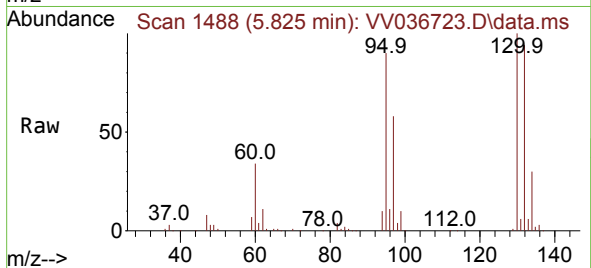
Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 179457

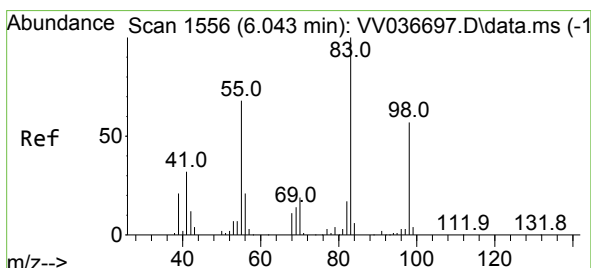
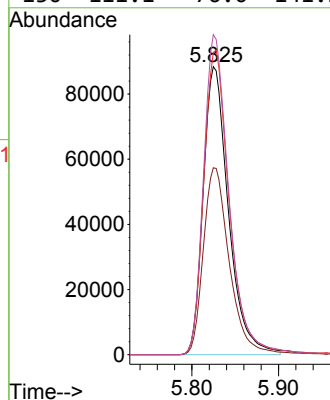
Ion Ratio Lower Upper

95 100

97 64.9 45.1 83.7

132 105.0 72.7 134.9

130 111.1 76.0 141.2



#35

Methylcyclohexane

Concen: 26.043 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

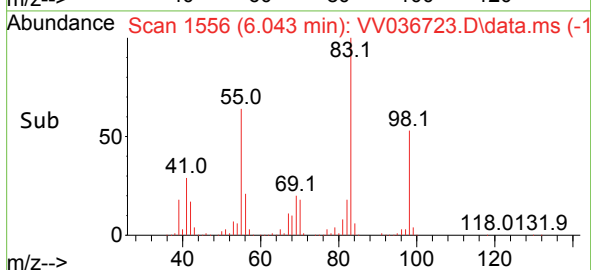
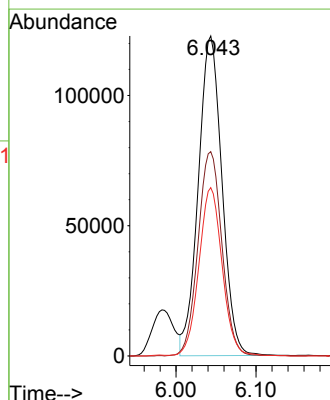
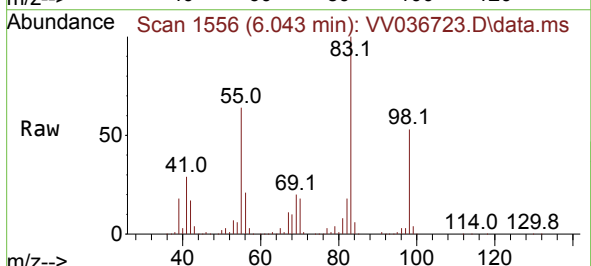
Tgt Ion: 83 Resp: 252824

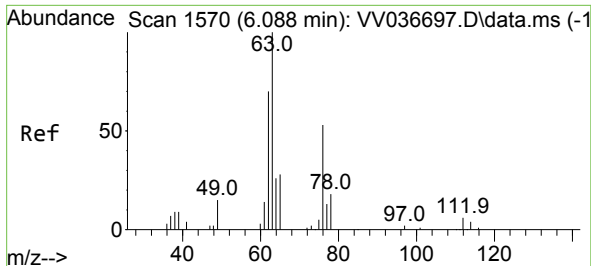
Ion Ratio Lower Upper

83 100

55 64.7 50.8 76.2

98 51.5 41.3 61.9





#37

1,2-Dichloropropane

Concen: 25.910 ug/L

RT: 6.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

Instrument :

MSVOA_V

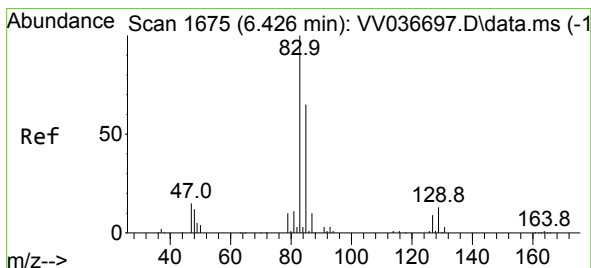
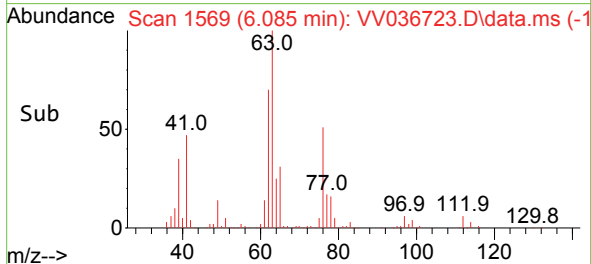
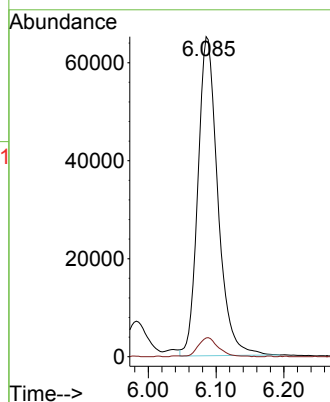
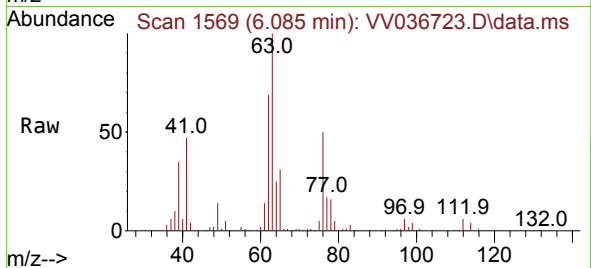
ClientSampleId :

Tgt Ion: 63 Resp: 132846

Ion Ratio Lower Upper

63 100

112 6.1 4.8 7.2



#38

Bromodichloromethane

Concen: 23.926 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

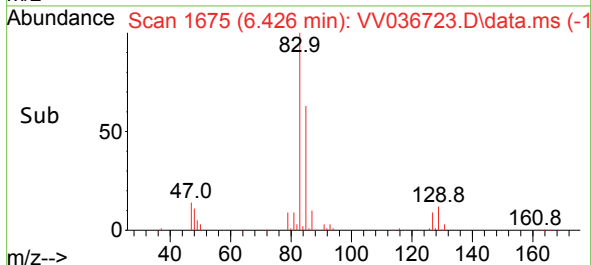
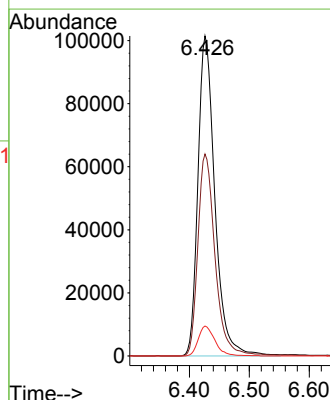
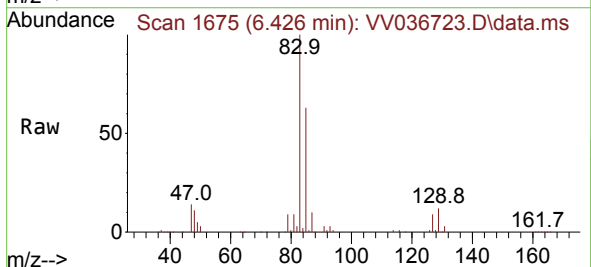
Tgt Ion: 83 Resp: 200013

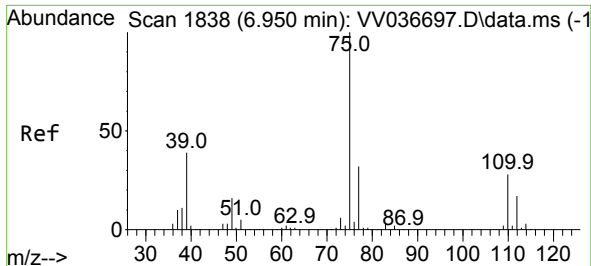
Ion Ratio Lower Upper

83 100

85 63.1 44.6 82.8

127 9.4 7.8 11.6

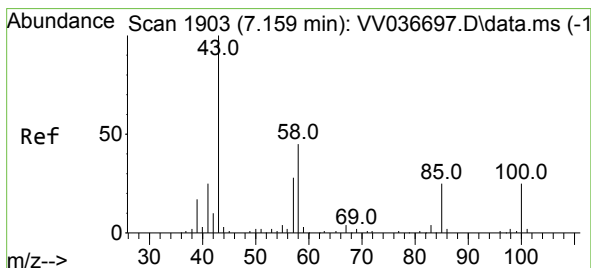
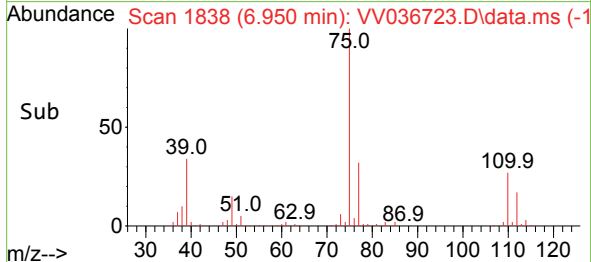
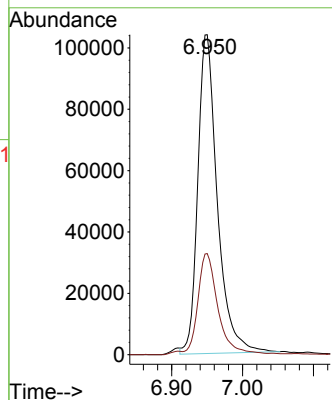
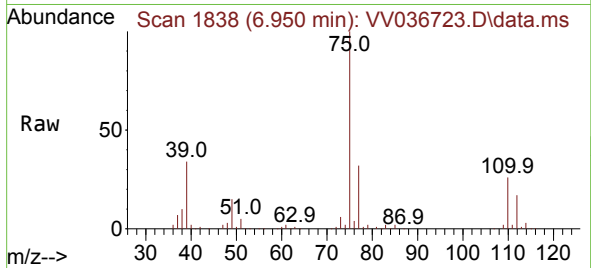




#39
 cis-1,3-Dichloropropene
 Concen: 23.596 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.003 min
 Lab File: VV036723.D
 Acq: 26 Jul 2024 11:18

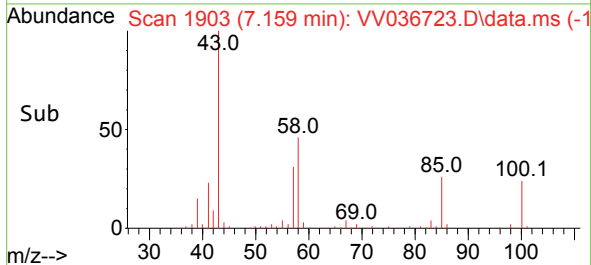
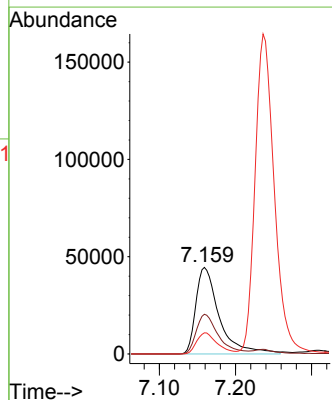
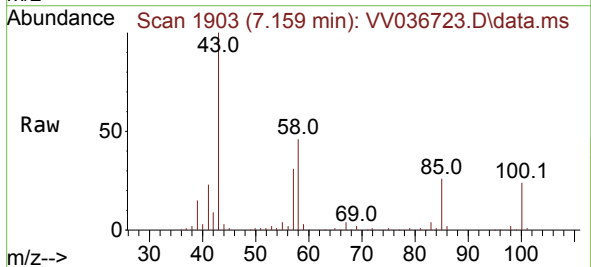
Instrument :
 MSVOA_V
 ClientSampleId :

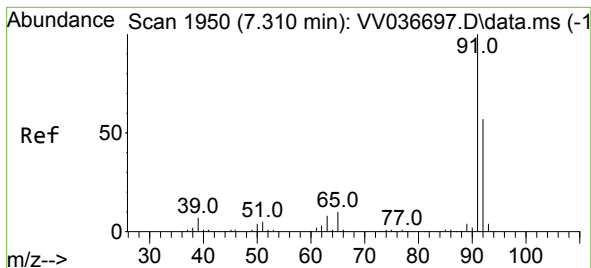
Tgt Ion: 75 Resp: 198643
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 39.786 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VV036723.D
 Acq: 26 Jul 2024 11:18

Tgt Ion: 43 Resp: 95254
 Ion Ratio Lower Upper
 43 100
 58 43.5 36.6 54.8
 100 21.7 18.2 27.4





#42

Toluene

Concen: 26.545 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

Instrument :

MSVOA_V

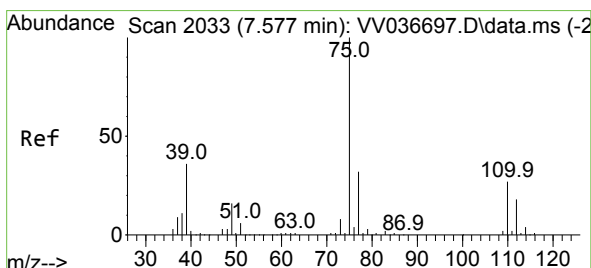
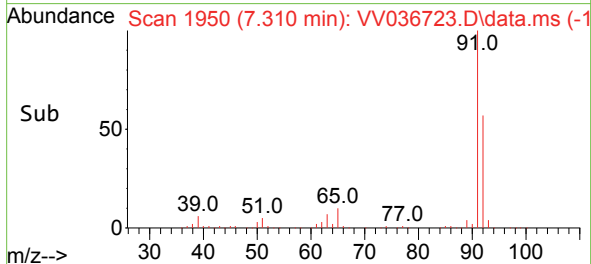
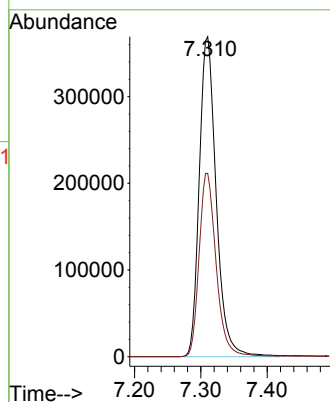
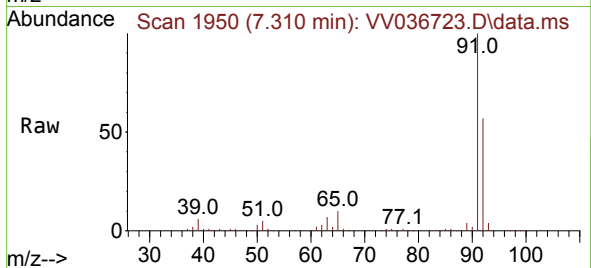
ClientSampleId :

Tgt Ion: 91 Resp: 655022

Ion Ratio Lower Upper

91 100

92 57.3 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 23.252 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036723.D

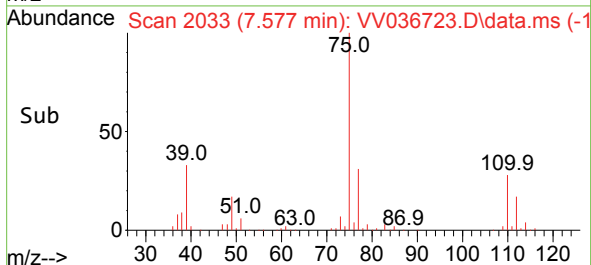
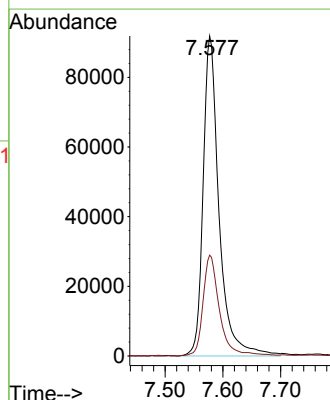
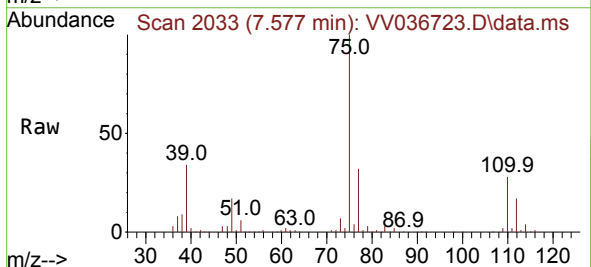
Acq: 26 Jul 2024 11:18

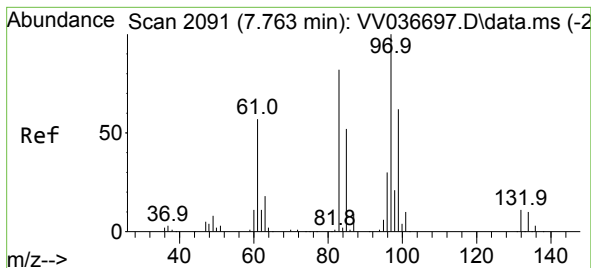
Tgt Ion: 75 Resp: 175793

Ion Ratio Lower Upper

75 100

77 31.5 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 22.772 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. 0.000 min

Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 113870

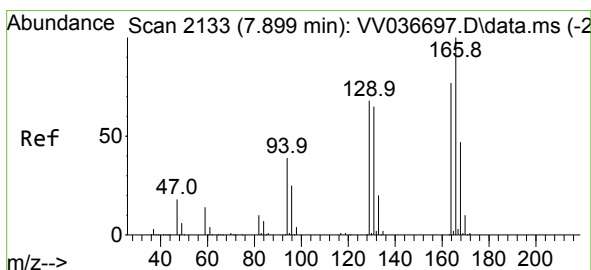
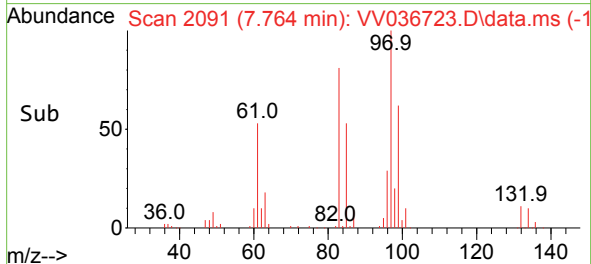
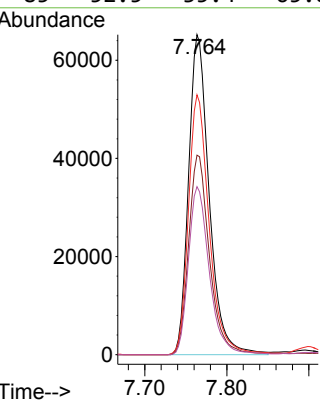
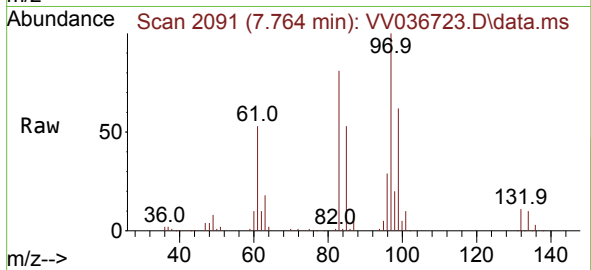
Ion Ratio Lower Upper

97 100

99 62.3 43.5 80.7

83 81.2 55.4 103.0

85 52.5 35.4 65.8



#46

Tetrachloroethene

Concen: 22.285 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.000 min

Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

Tgt Ion:164 Resp: 161225

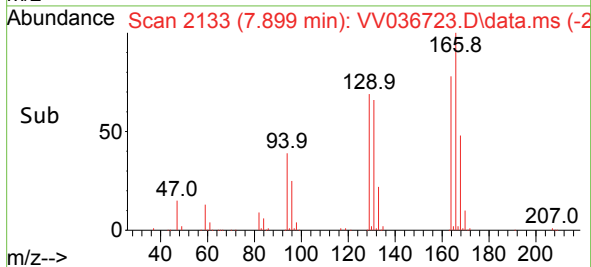
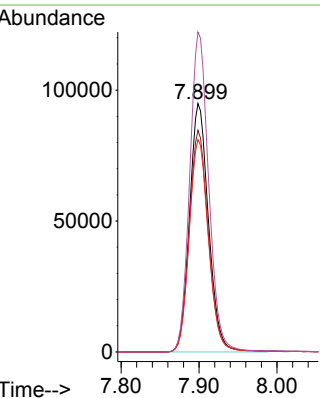
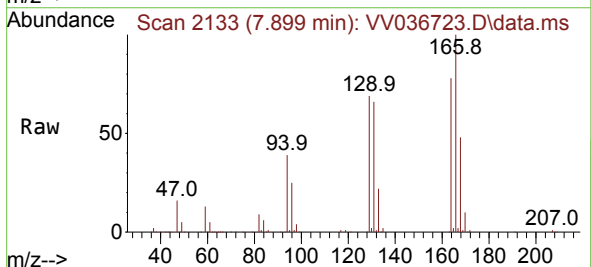
Ion Ratio Lower Upper

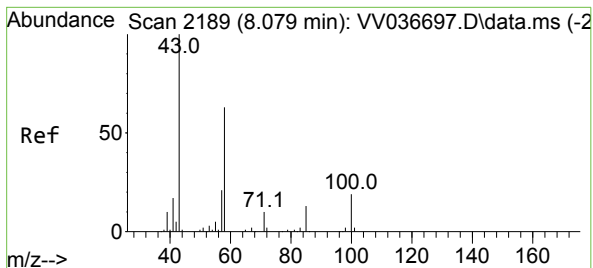
164 100

129 89.2 61.0 113.2

131 85.5 60.1 111.5

166 128.8 89.7 166.7





#48

2-Hexanone

Concen: 39.844 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.000 min

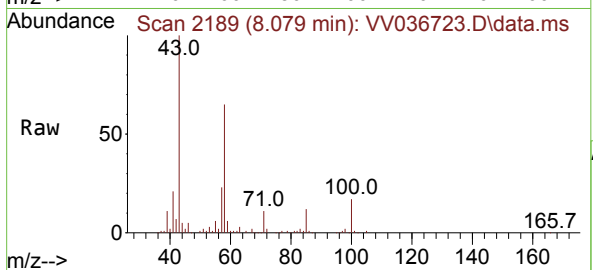
Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 74794

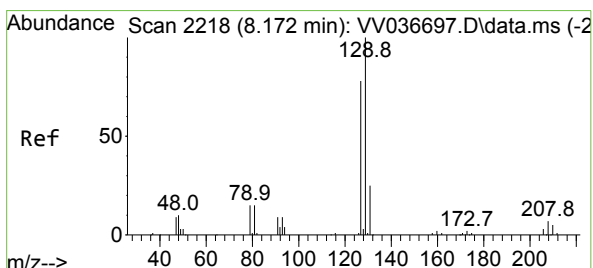
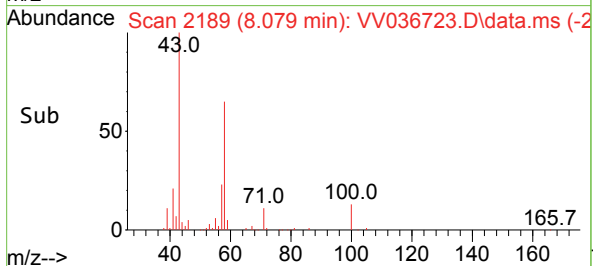
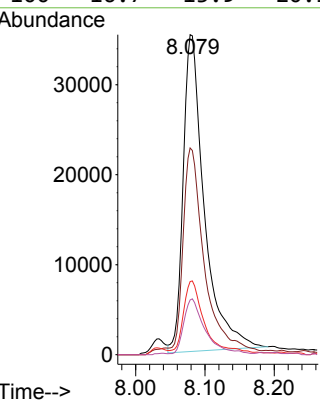
Ion Ratio Lower Upper

43 100

58 64.2 50.6 75.8

57 22.2 17.7 26.5

100 16.7 13.9 20.9



#49

Dibromochloromethane

Concen: 22.802 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV036723.D

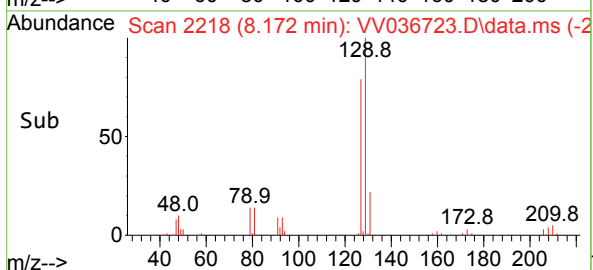
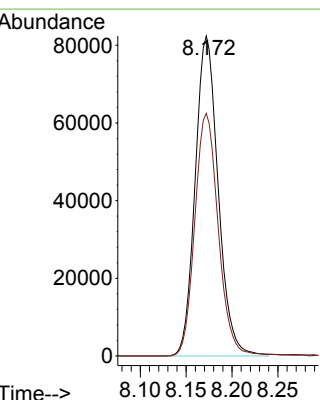
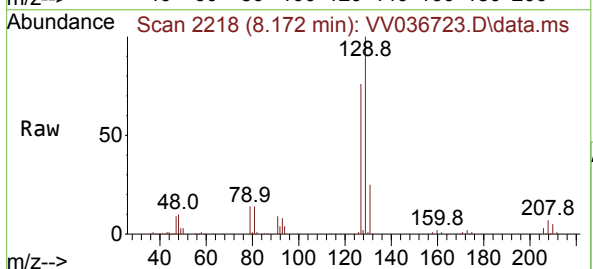
Acq: 26 Jul 2024 11:18

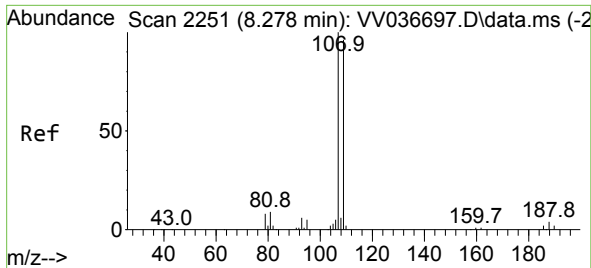
Tgt Ion: 129 Resp: 143655

Ion Ratio Lower Upper

129 100

127 75.8 54.3 100.9

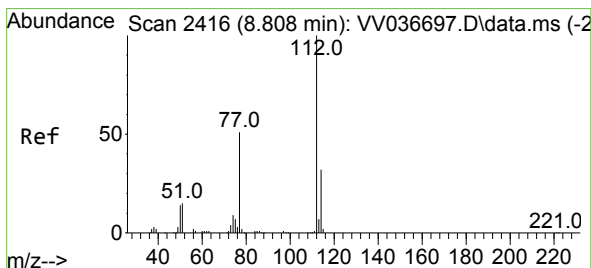
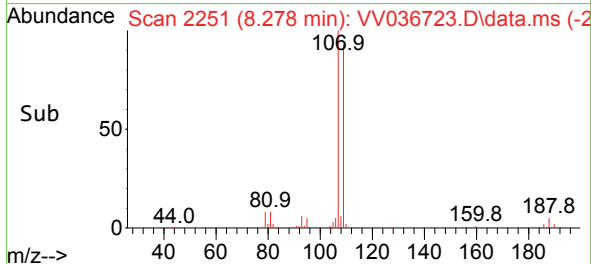
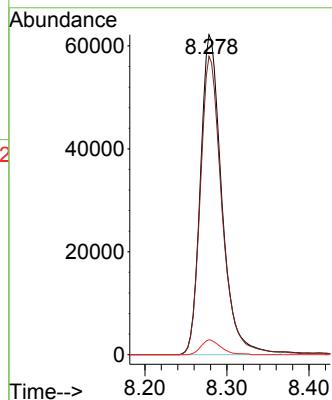
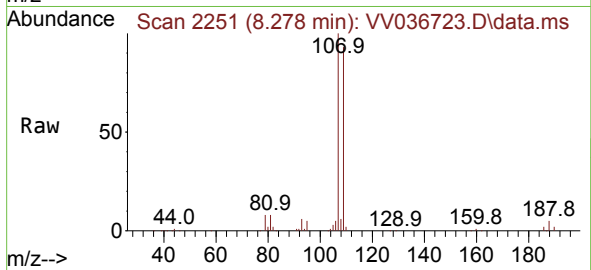




#50
1,2-Dibromoethane
Concen: 22.340 ug/L
RT: 8.278 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

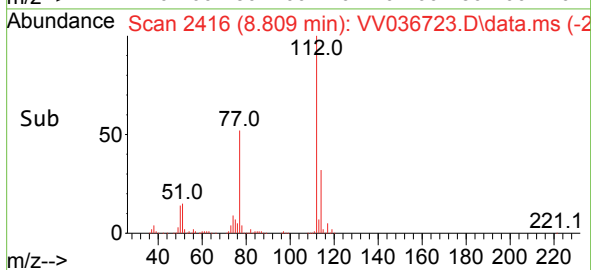
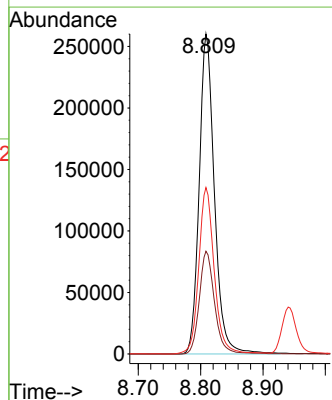
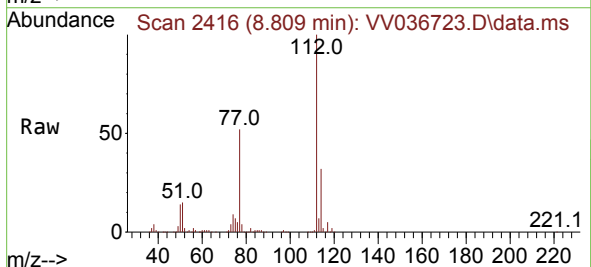
Instrument :
MSVOA_V
ClientSampleId :

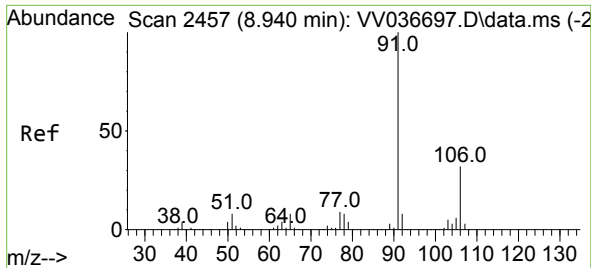
Tgt Ion:107 Resp: 112233
Ion Ratio Lower Upper
107 100
109 93.3 65.5 121.6
188 4.6 3.4 5.2



#51
Chlorobenzene
Concen: 24.717 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

Tgt Ion:112 Resp: 441602
Ion Ratio Lower Upper
112 100
114 32.1 22.5 41.7
77 52.0 41.9 62.9

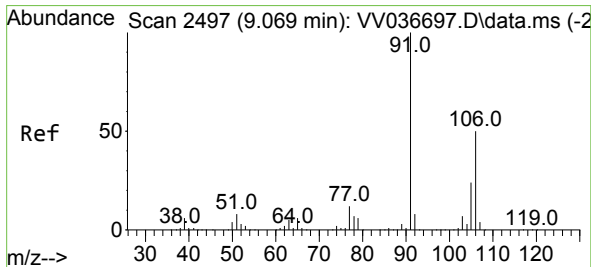
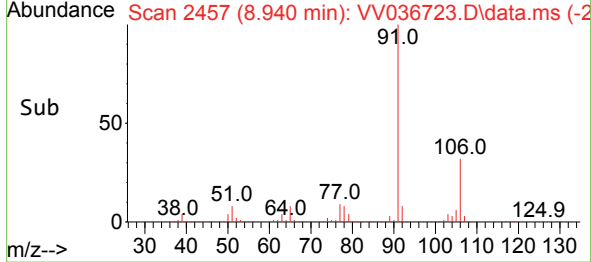
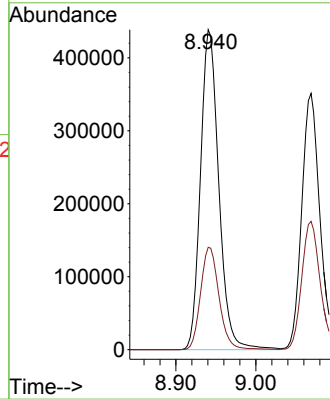
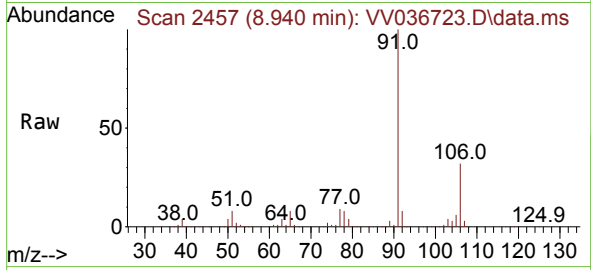




#52
Ethylbenzene
Concen: 25.778 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. 0.000 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

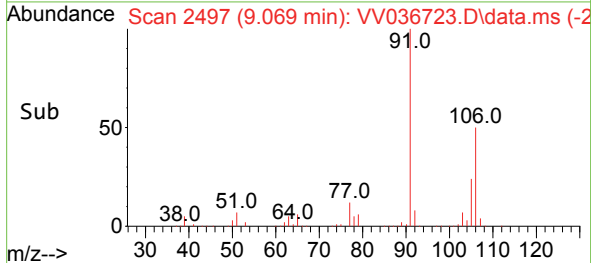
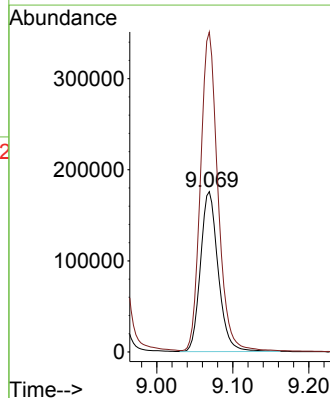
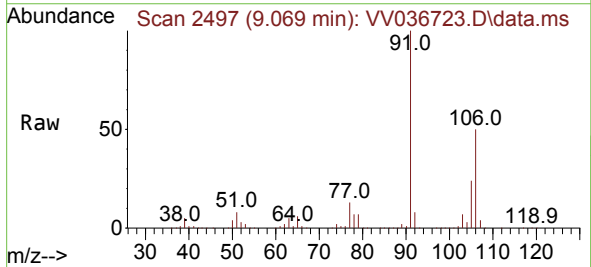
Instrument :
MSVOA_V
ClientSampleId :

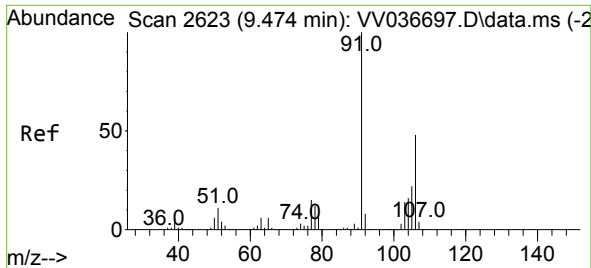
Tgt Ion: 91 Resp: 699684
Ion Ratio Lower Upper
91 100
106 32.0 22.5 41.7



#53
m,p-Xylene
Concen: 26.781 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

Tgt Ion: 106 Resp: 283809
Ion Ratio Lower Upper
106 100
91 199.7 136.8 254.0

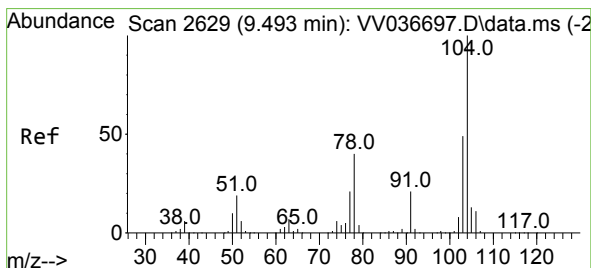
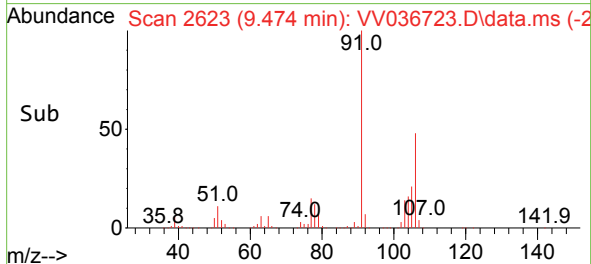
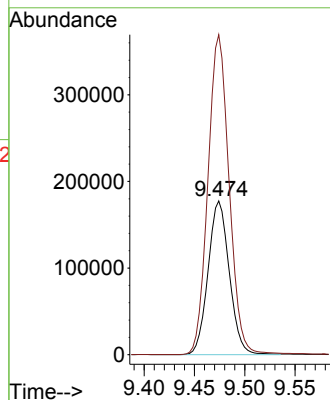
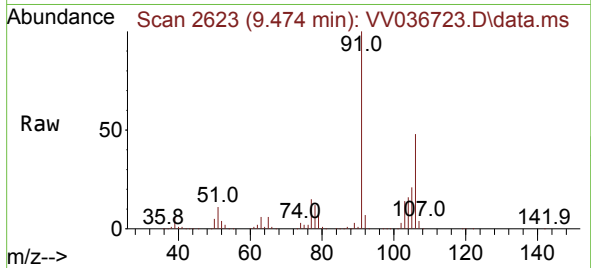




#54
o-Xylene
Concen: 25.586 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

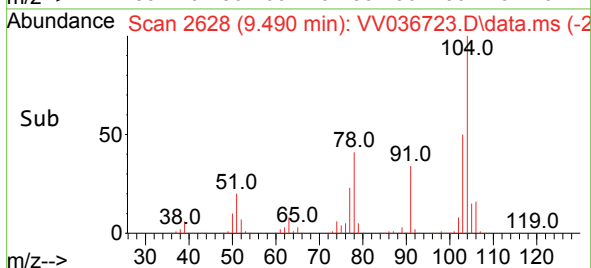
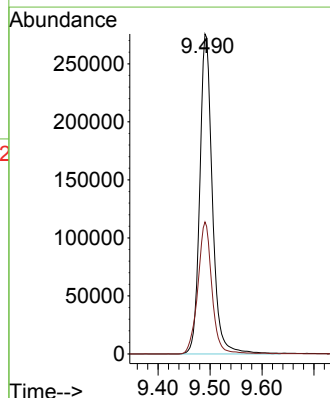
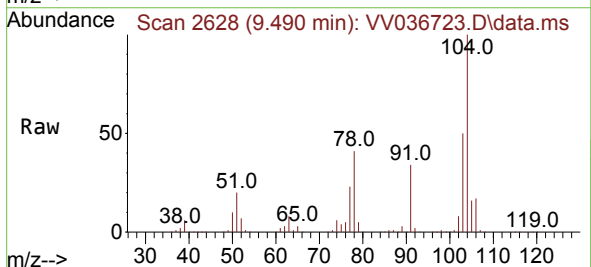
Instrument :
MSVOA_V
ClientSampleId :

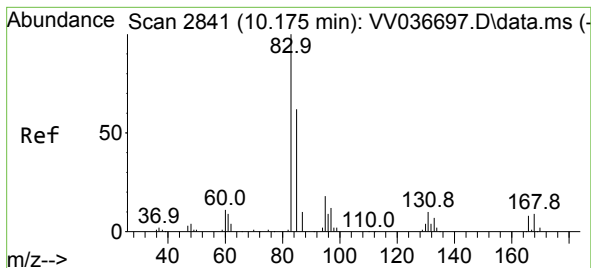
Tgt Ion:106 Resp: 260513
Ion Ratio Lower Upper
106 100
91 208.0 146.1 271.3



#55
Styrene
Concen: 26.929 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

Tgt Ion:104 Resp: 464932
Ion Ratio Lower Upper
104 100
78 41.3 29.7 55.1

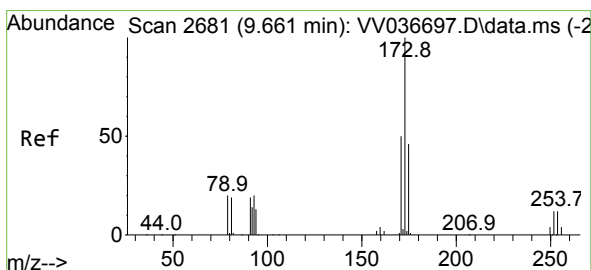
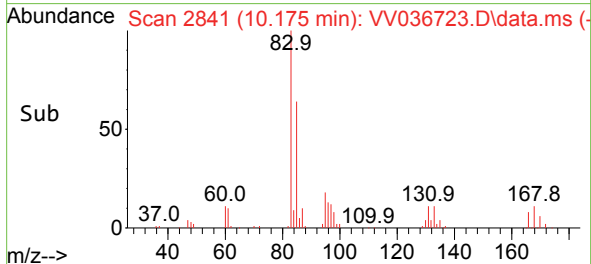
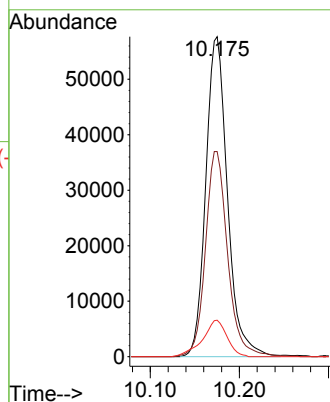
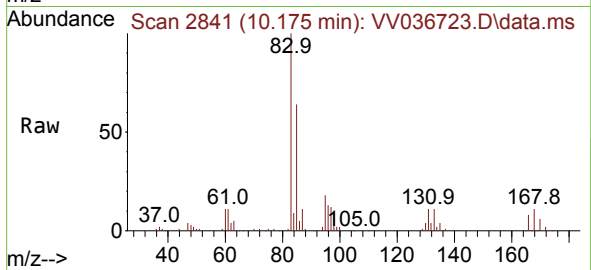




#57
1,1,2,2-Tetrachloroethane
Concen: 21.485 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

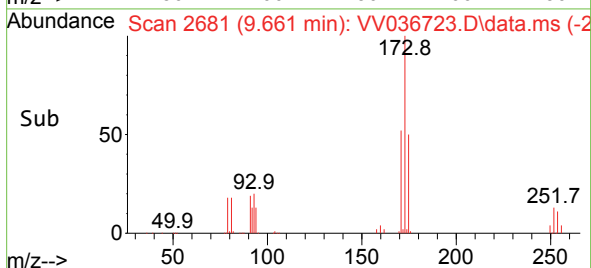
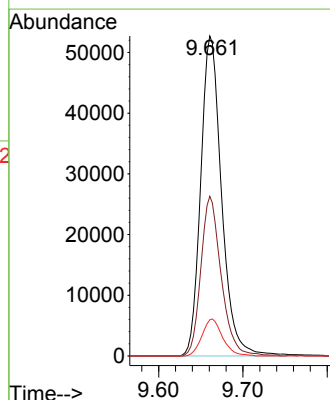
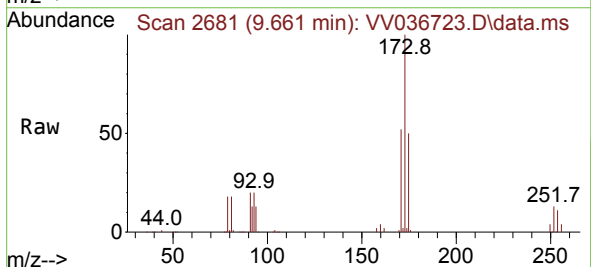
Instrument :
MSVOA_V
ClientSampleId :

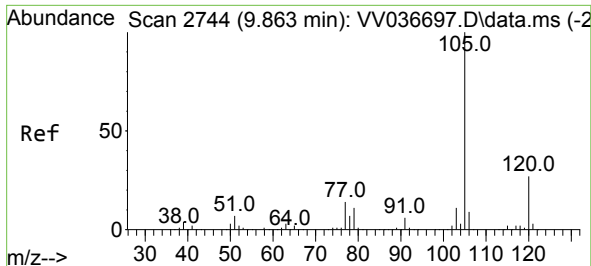
Tgt Ion: 83 Resp: 97343
Ion Ratio Lower Upper
83 100
85 64.1 44.9 83.3
131 11.4 9.3 13.9



#59
Bromoform
Concen: 21.692 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

Tgt Ion: 173 Resp: 90882
Ion Ratio Lower Upper
173 100
175 48.5 39.6 59.4
254 11.4 8.2 12.4

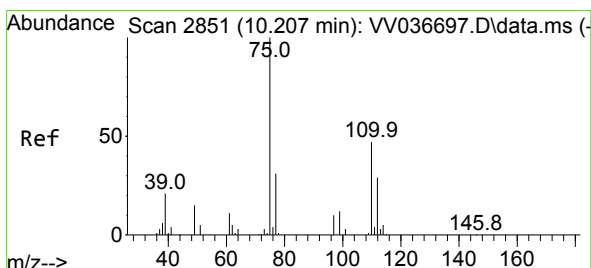
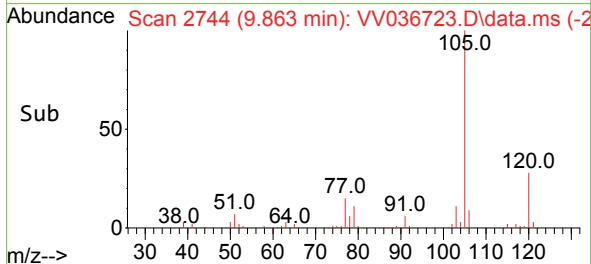
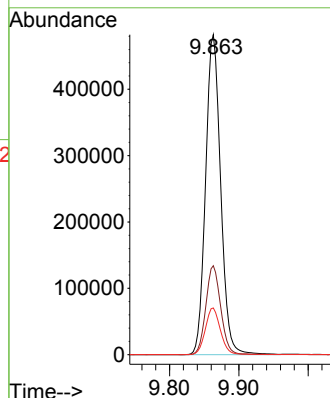
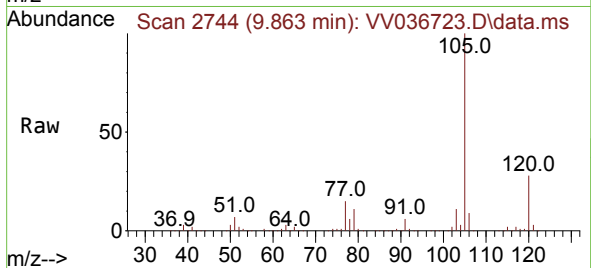




#60
Isopropylbenzene
Concen: 26.705 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

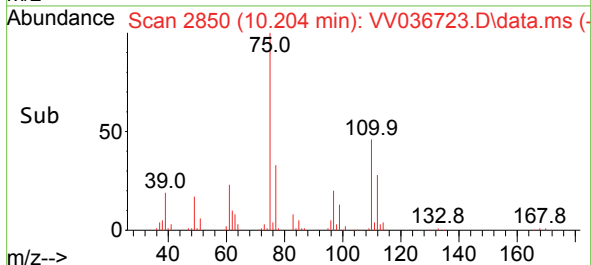
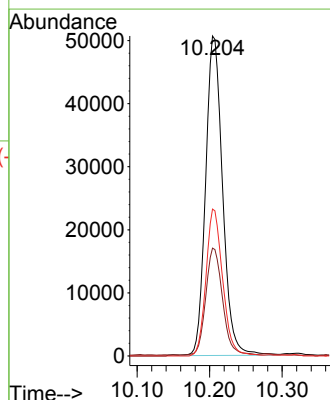
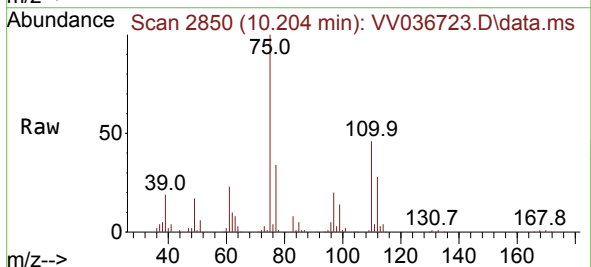
Instrument :
MSVOA_V
ClientSampleId :

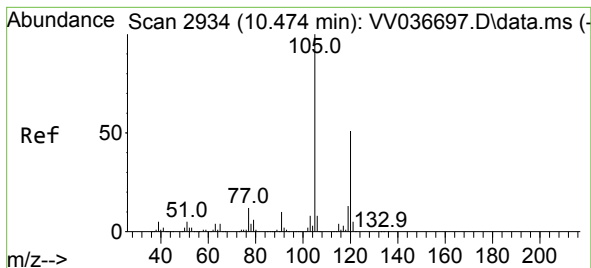
Tgt Ion:105 Resp: 726976
Ion Ratio Lower Upper
105 100
120 27.5 22.1 33.1
77 14.5 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 21.084 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV036723.D
Acq: 26 Jul 2024 11:18

Tgt Ion: 75 Resp: 82682
Ion Ratio Lower Upper
75 100
77 32.9 25.9 38.9
110 44.9 36.2 54.4





#62

1,3,5-Trimethylbenzene

Concen: 26.948 ug/L

RT: 10.471 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

Instrument :

MSVOA_V

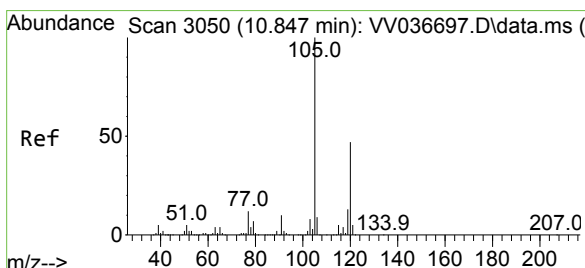
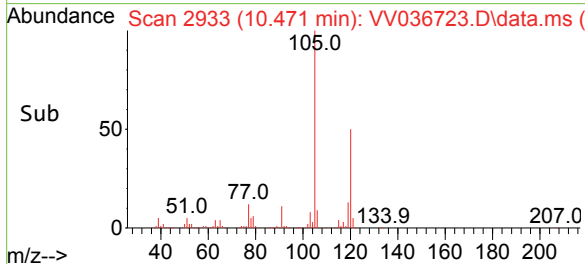
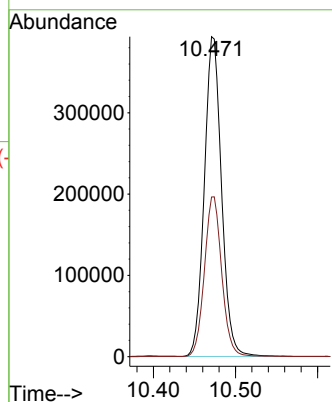
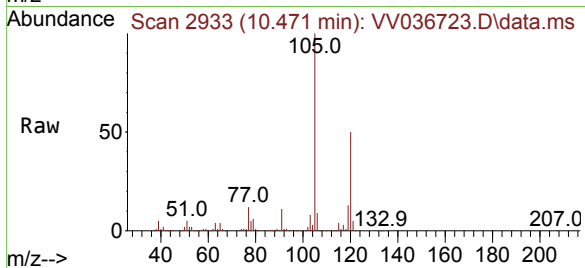
ClientSampleId :

Tgt Ion:105 Resp: 572221

Ion Ratio Lower Upper

105 100

120 50.3 39.8 59.8



#63

1,2,4-Trimethylbenzene

Concen: 26.640 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV036723.D

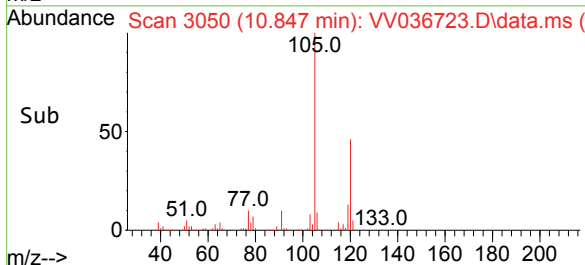
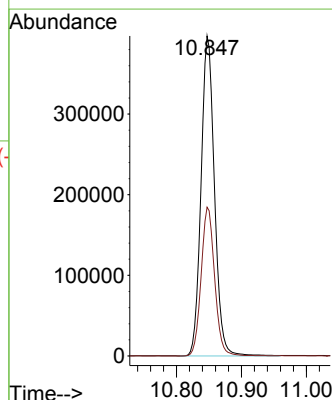
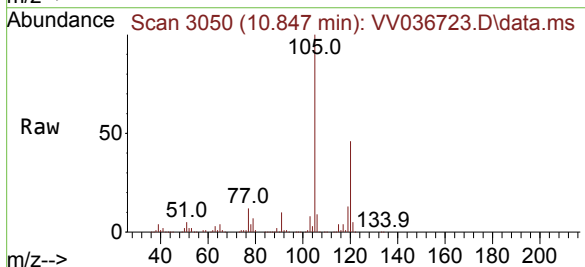
Acq: 26 Jul 2024 11:18

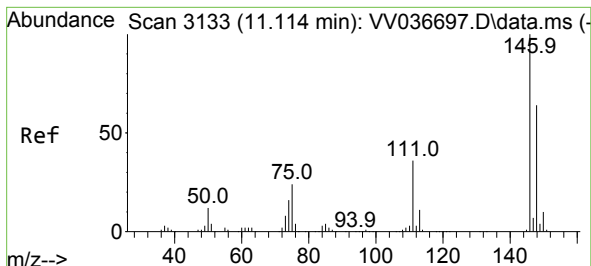
Tgt Ion:105 Resp: 572625

Ion Ratio Lower Upper

105 100

120 46.7 37.2 55.8





#64

1,3-Dichlorobenzene

Concen: 24.636 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

Instrument :

MSVOA_V

ClientSampleId :

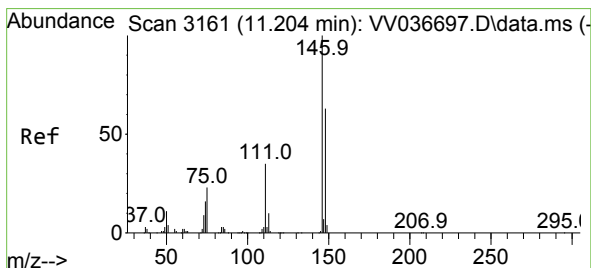
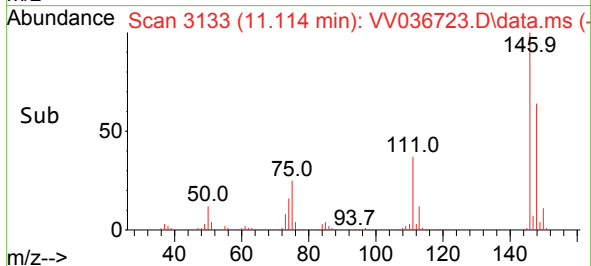
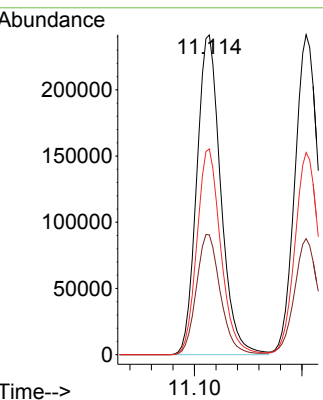
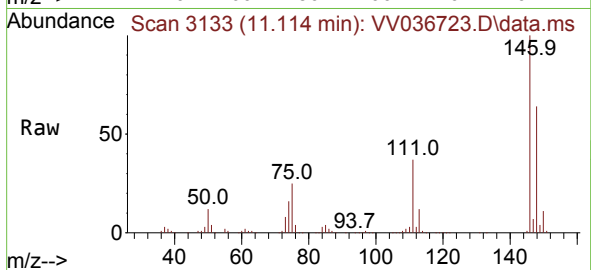
Tgt Ion:146 Resp: 374907

Ion Ratio Lower Upper

146 100

111 37.5 25.5 47.3

148 64.4 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 24.519 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

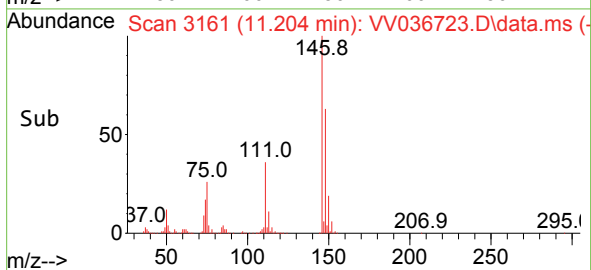
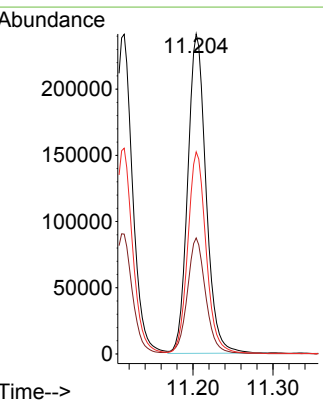
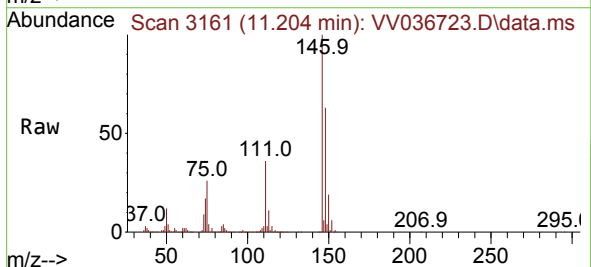
Tgt Ion:146 Resp: 384249

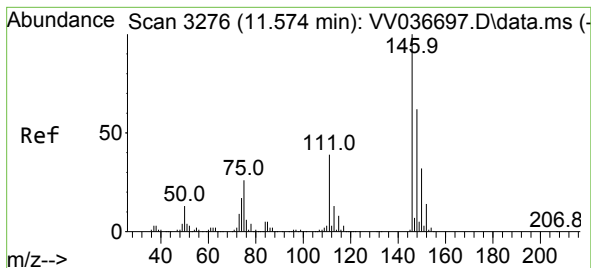
Ion Ratio Lower Upper

146 100

111 36.3 24.9 46.3

148 63.2 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 23.811 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

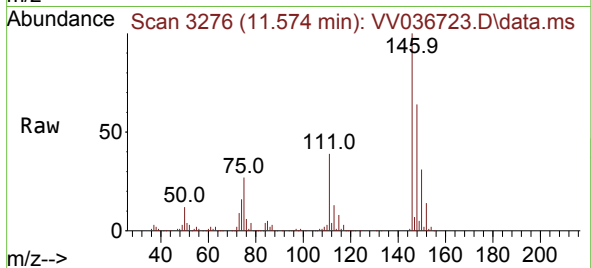
Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

Instrument :

MSVOA_V

ClientSampleId :



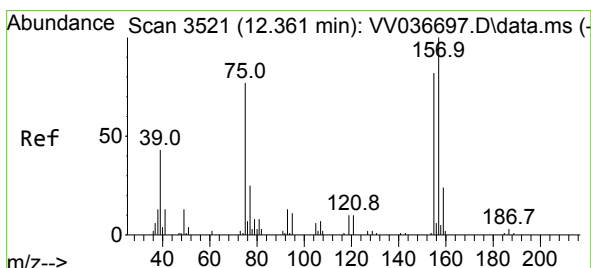
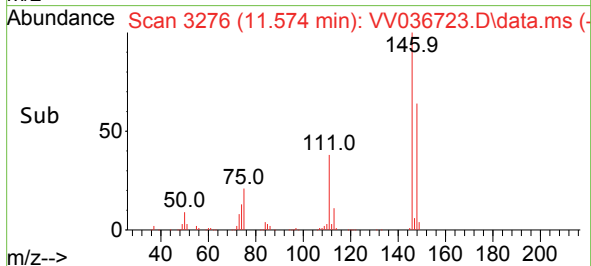
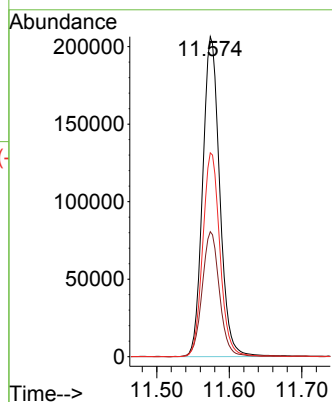
Tgt Ion:146 Resp: 336922

Ion Ratio Lower Upper

146 100

111 39.0 31.3 46.9

148 63.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 19.634 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

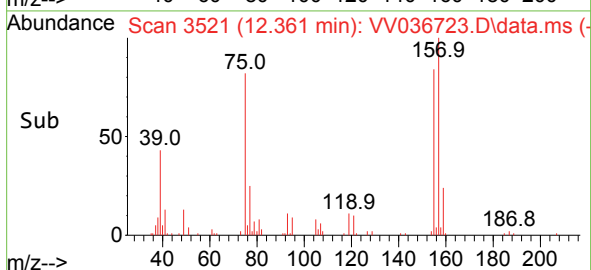
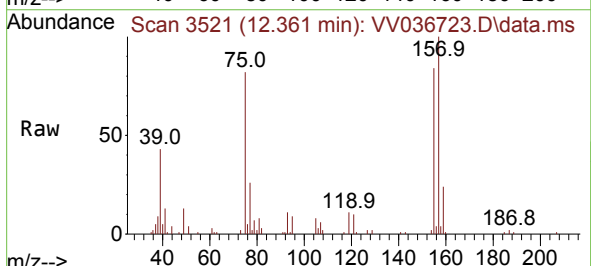
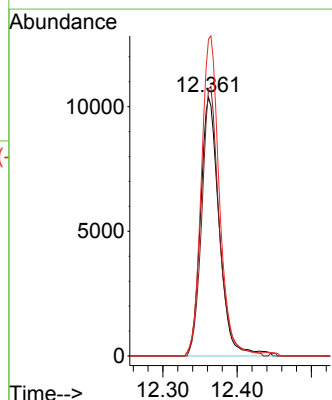
Tgt Ion: 75 Resp: 18132

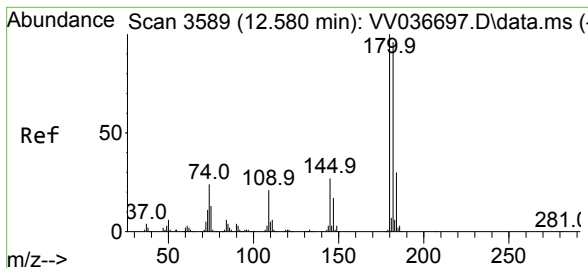
Ion Ratio Lower Upper

75 100

155 103.3 79.5 119.3

157 122.6 100.2 150.4





#69

1,3,5-Trichlorobenzene

Concen: 23.156 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

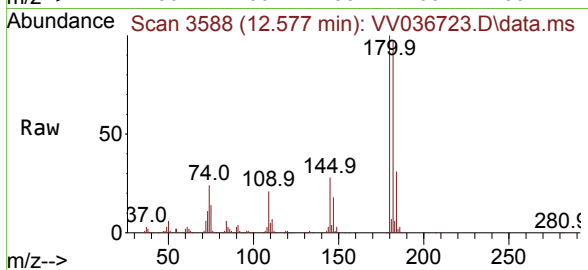
Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 277973

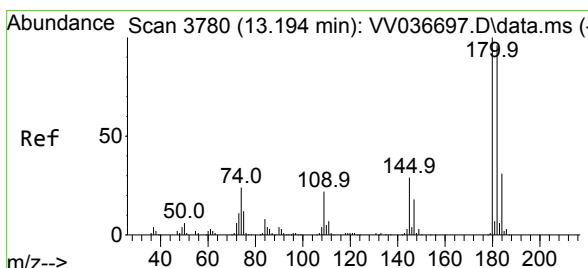
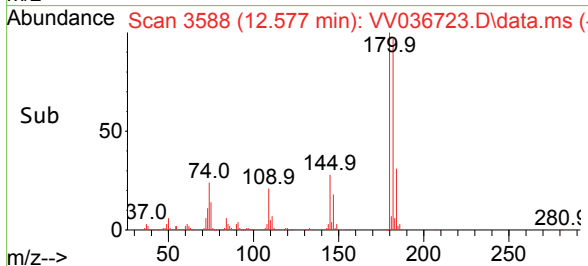
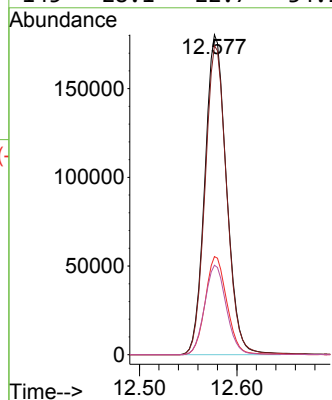
Ion Ratio Lower Upper

180 100

182 96.7 77.0 115.4

184 30.6 24.6 36.8

145 28.1 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 21.681 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

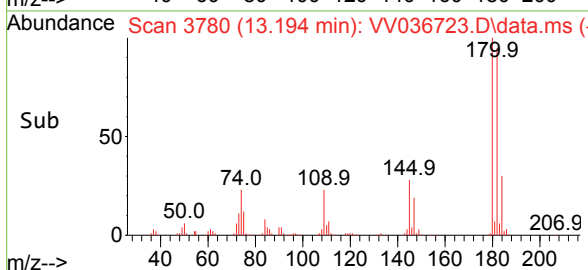
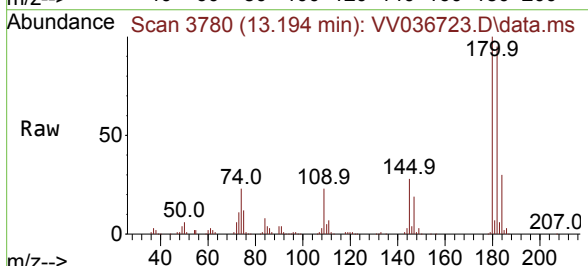
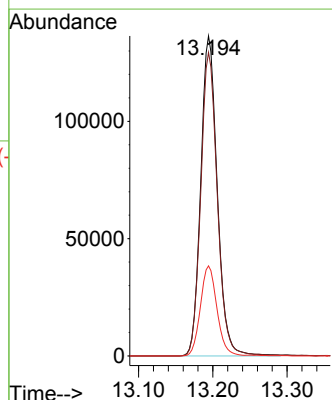
Tgt Ion:180 Resp: 211422

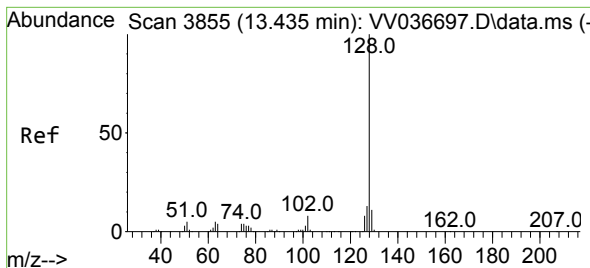
Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.2

145 28.1 23.0 34.6





#71

Naphthalene

Concen: 18.994 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

Instrument :

MSVOA_V

ClientSampleId :

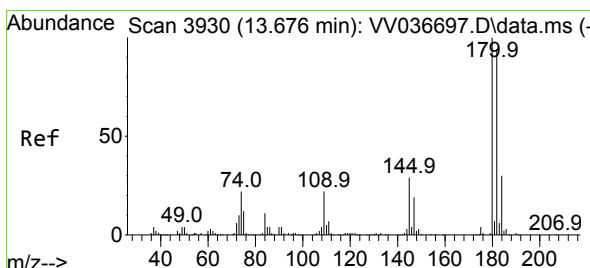
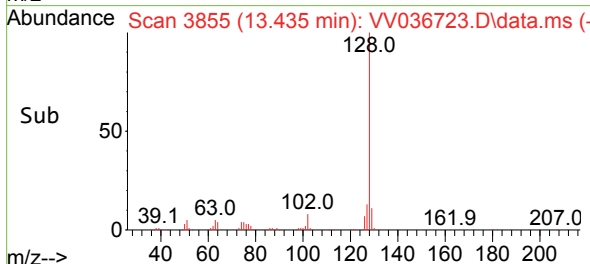
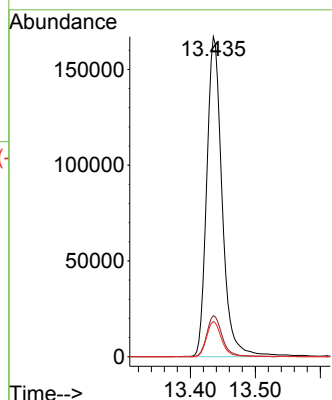
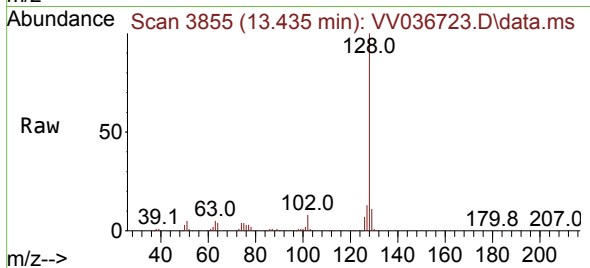
Tgt Ion:128 Resp: 275524

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 22.113 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV036723.D

Acq: 26 Jul 2024 11:18

Tgt Ion:180 Resp: 194558

Ion Ratio Lower Upper

180 100

182 96.1 75.6 113.4

145 30.5 24.6 37.0

