

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070224\
 Data File : VW036426.D
 Acq On : 02 Jul 2024 16:56
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 03 05:13:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 05:08:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	349022	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	360222	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	196876	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	116191	19.602	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.400%
7) Chloroethane-d5	1.526	69	98891	20.887	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.560%
11) 1,1-Dichloroethene-d2	2.050	65	53090	19.052	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.200%
21) 2-Butanone-d5	3.841	46	65476	47.595	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.180%
24) Chloroform-d	4.243	84	233812	22.695	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.937	65	126624	23.047	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	4.953	84	430833	21.187	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.760%
36) 1,2-Dichloropropane-d6	5.986	67	134029	21.913	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.640%
41) Toluene-d8	7.239	98	390145	21.280	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.120%
43) trans-1,3-Dichloroprop...	7.551	79	60484	22.144	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.560%
47) 2-Hexanone-d5	8.030	63	46132	47.250	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.500%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	116105	23.157	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.640%
66) 1,2-Dichlorobenzene-d4	11.558	152	151764	21.153	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	156707	23.631	ug/L	99
3) Chloromethane	1.211	50	153268	25.533	ug/L	99
5) Vinyl chloride	1.275	62	169072	24.392	ug/L	99
6) Bromomethane	1.481	94	118443	25.407	ug/L	99
8) Chloroethane	1.542	64	108285	25.348	ug/L	100
9) Trichlorofluoromethane	1.706	101	234756	23.715	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	147613	23.772	ug/L	99
12) 1,1-Dichloroethene	2.060	96	135925	24.724	ug/L	96
13) Acetone	2.384	43	61759	33.229	ug/L	100
14) Carbon disulfide	2.230	76	420420	24.238	ug/L	99
15) Methyl Acetate	2.384	43	68241	28.532	ug/L	98
16) Methylene chloride	2.439	84	178172	25.930	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	139764	25.605	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	354169	27.873	ug/L	100
19) 1,1-Dichloroethane	3.105	63	257121	26.493	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	150130	27.346	ug/L	100
22) 2-Butanone	3.912	43	76900	49.069	ug/L	87
23) Bromochloromethane	4.143	128	78669	27.481	ug/L	96
25) Chloroform	4.269	83	281505	27.195	ug/L	99

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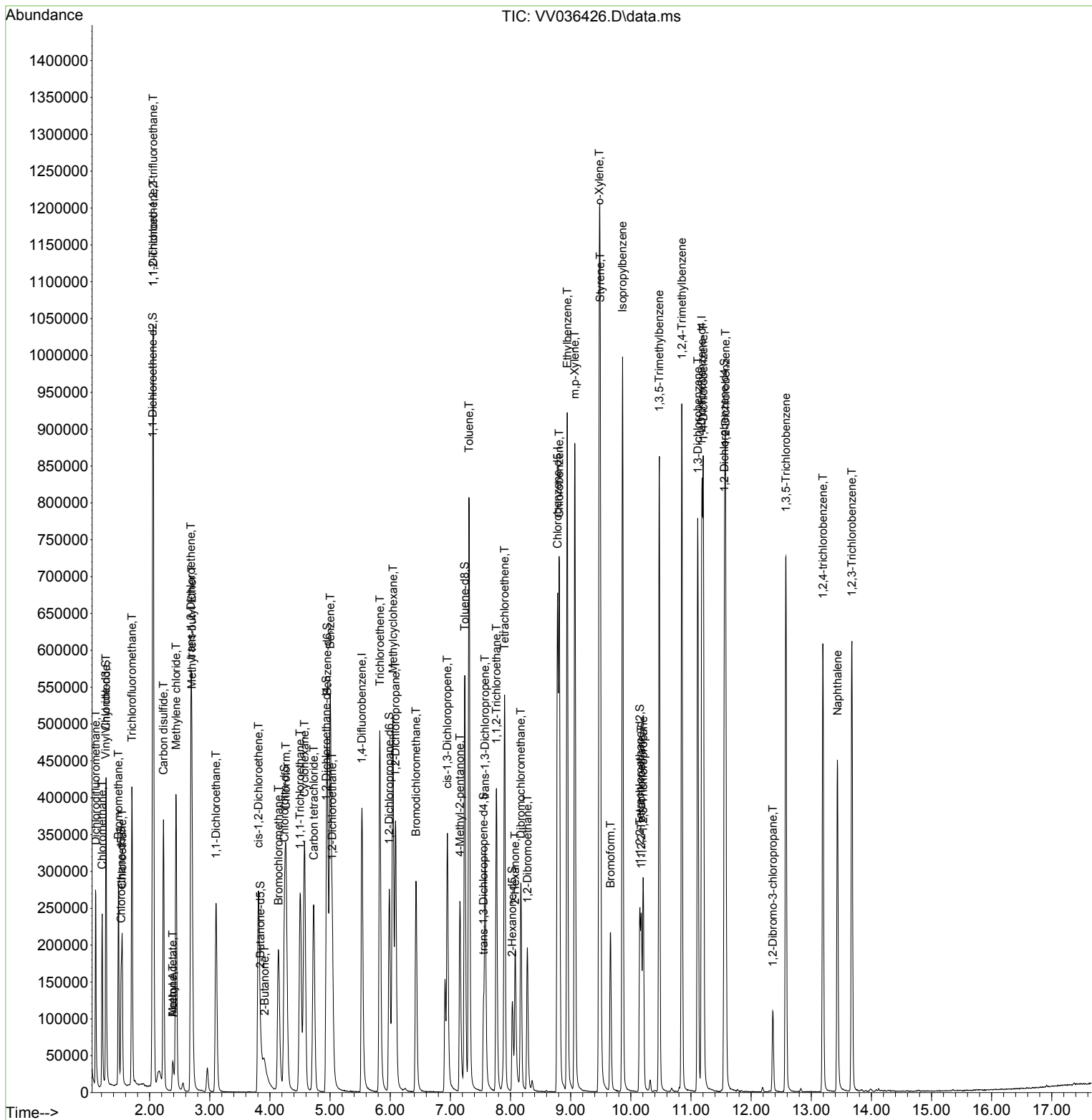
Instrument :
 MSVOA_V
 ClientSampleId :

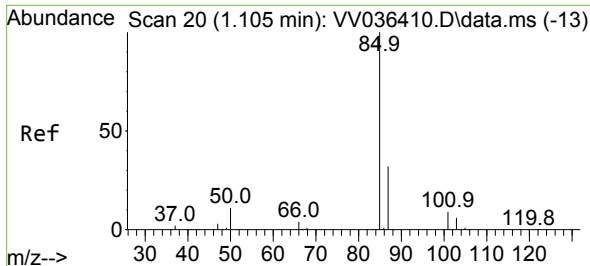
Quant Time: Jul 03 05:13:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 05:08:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	185164	27.625	ug/L	98
29) Cyclohexane	4.574	56	177284	23.101	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	227637	25.486	ug/L	99
31) Carbon tetrachloride	4.728	117	198795	24.980	ug/L	100
33) Benzene	5.005	78	567116	26.581	ug/L	100
34) Trichloroethene	5.828	95	174945	25.984	ug/L	97
35) Methylcyclohexane	6.047	83	216653	23.090	ug/L	99
37) 1,2-Dichloropropane	6.088	63	147374	27.046	ug/L	98
38) Bromodichloromethane	6.429	83	199205	26.729	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	223964	26.729	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	174325	56.726	ug/L	98
42) Toluene	7.310	91	605367	27.136	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	205174	27.225	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	130665	27.130	ug/L	98
46) Tetrachloroethene	7.902	164	122902	25.118	ug/L	97
48) 2-Hexanone	8.079	43	126003	52.127	ug/L	99
49) Dibromochloromethane	8.172	129	147369	27.448	ug/L	99
50) 1,2-Dibromoethane	8.281	107	132674	27.963	ug/L	99
51) Chlorobenzene	8.812	112	400494	26.262	ug/L	98
52) Ethylbenzene	8.944	91	632591	26.276	ug/L	100
53) m,p-Xylene	9.069	106	243291	27.115	ug/L	99
54) o-Xylene	9.477	106	233348	27.655	ug/L	99
55) Styrene	9.493	104	432181	29.225	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	115955	26.900	ug/L	98
59) Bromoform	9.664	173	98924	26.544	ug/L	99
60) Isopropylbenzene	9.863	105	615239	25.852	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	119306	26.853	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	446070	26.191	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	493048	26.640	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	318468	25.681	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	329540	24.791	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	305857	25.835	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	27422	27.511	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	227459	24.359	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	188641	25.333	ug/L	99
71) Naphthalene	13.435	128	359651	27.089	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	187925	26.838	ug/L	99

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

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QLast Update : Wed Jul 03 05:08:41 2024
Response via : Initial Calibration

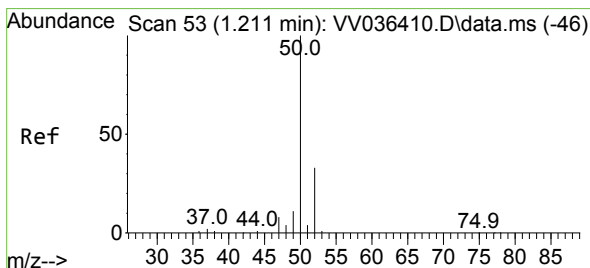
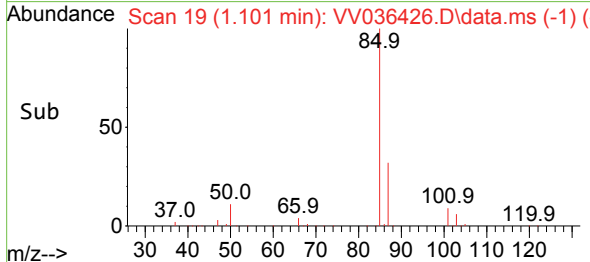
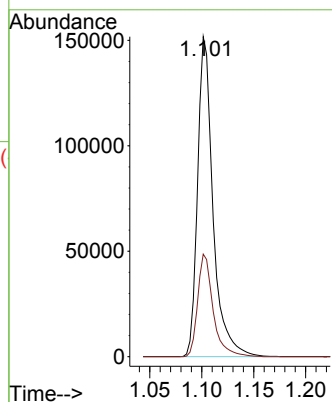
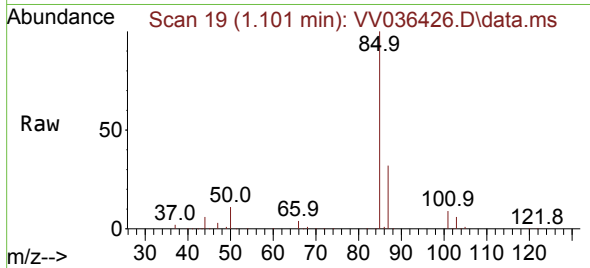




#2
 Dichlorodifluoromethane
 Concen: 23.631 ug/L
 RT: 1.101 min Scan# 19
 Delta R.T. -0.003 min
 Lab File: VV036426.D
 Acq: 02 Jul 2024 16:56

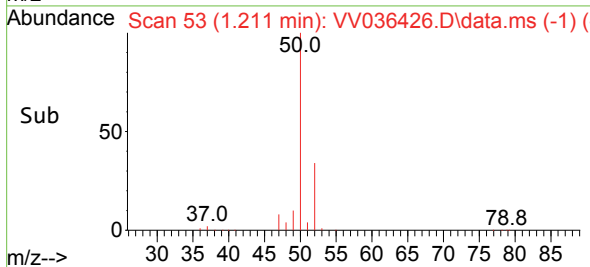
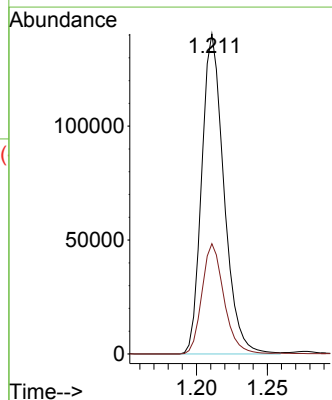
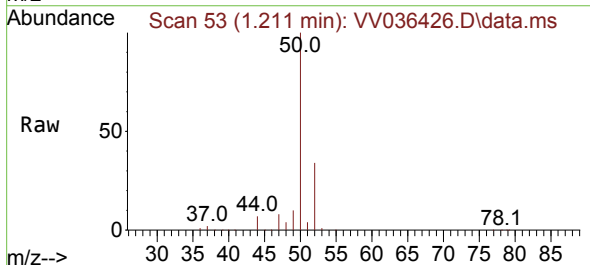
Instrument :
 MSVOA_V
 ClientSampleId :

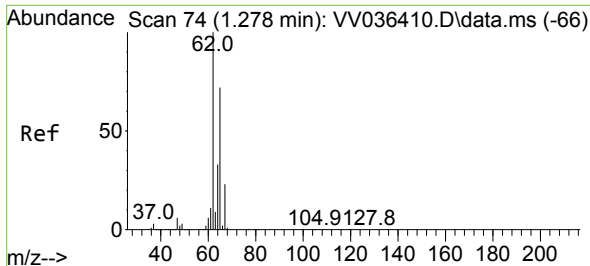
Tgt Ion: 85 Resp: 156707
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.9 38.9



#3
 Chloromethane
 Concen: 25.533 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: VV036426.D
 Acq: 02 Jul 2024 16:56

Tgt Ion: 50 Resp: 153268
 Ion Ratio Lower Upper
 50 100
 52 34.4 23.5 43.7

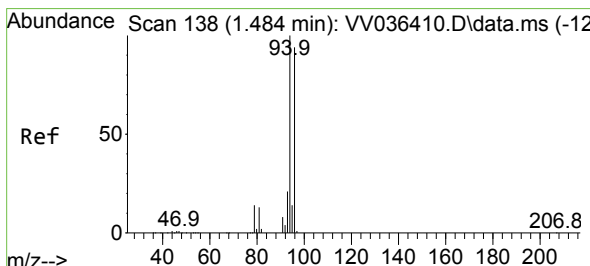
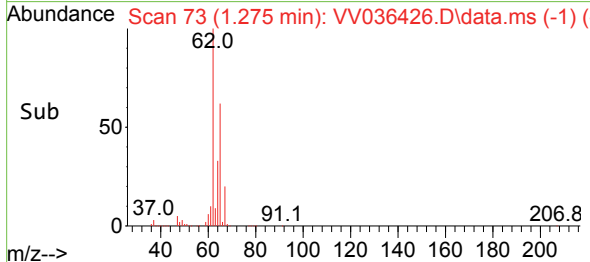
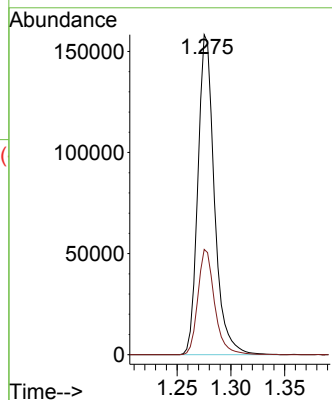
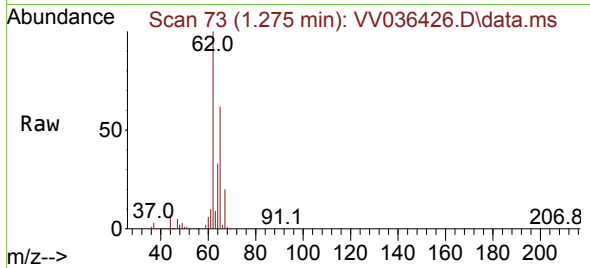




#5
 Vinyl chloride
 Concen: 24.392 ug/L
 RT: 1.275 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV036426.D
 Acq: 02 Jul 2024 16:56

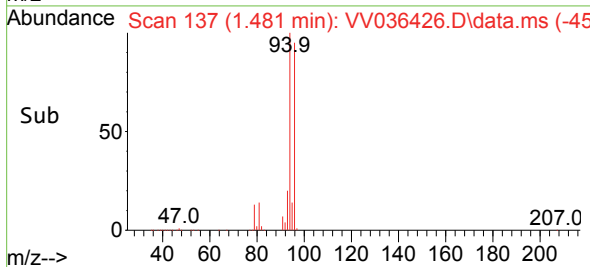
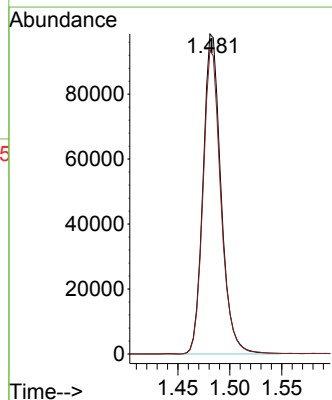
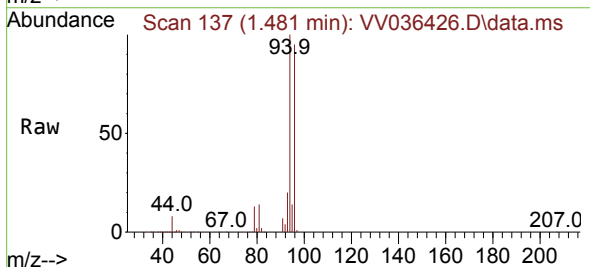
Instrument :
 MSVOA_V
 ClientSampleId :

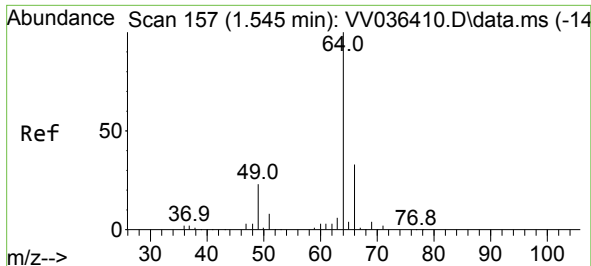
Tgt Ion: 62 Resp: 169072
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.4 43.4



#6
 Bromomethane
 Concen: 25.407 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV036426.D
 Acq: 02 Jul 2024 16:56

Tgt Ion: 94 Resp: 118443
 Ion Ratio Lower Upper
 94 100
 96 95.0 66.1 122.7

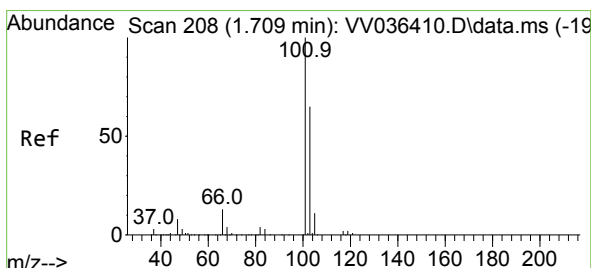
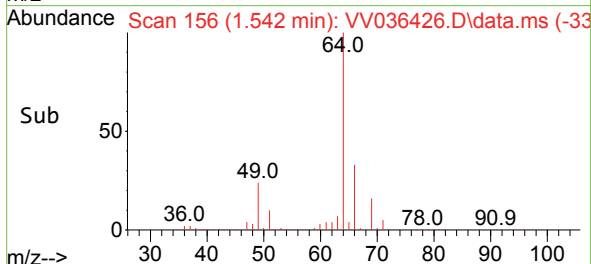
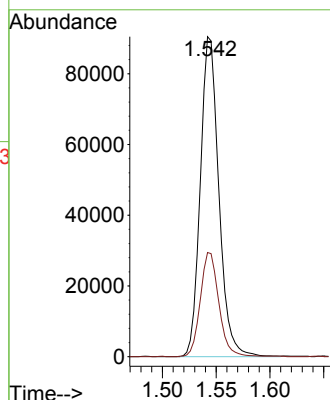
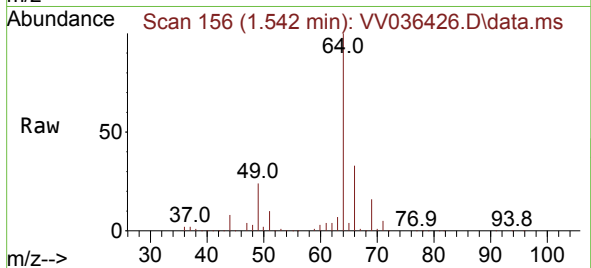




#8
Chloroethane
Concen: 25.348 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

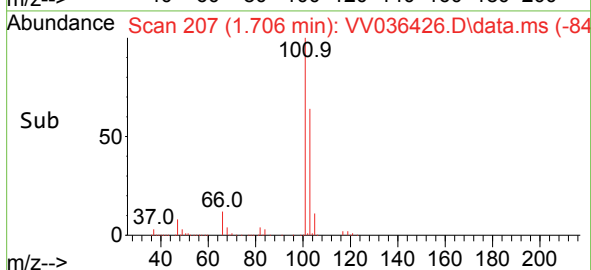
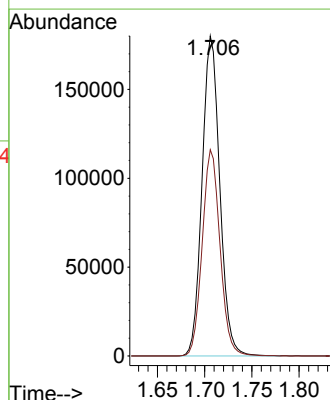
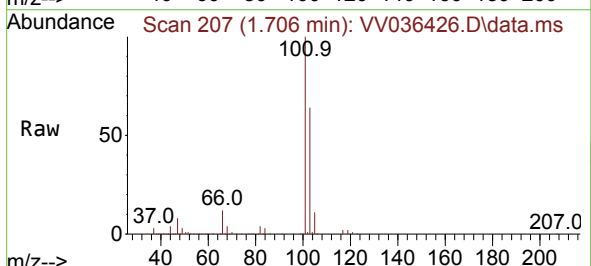
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MSVOA_V
ClientSampleId :

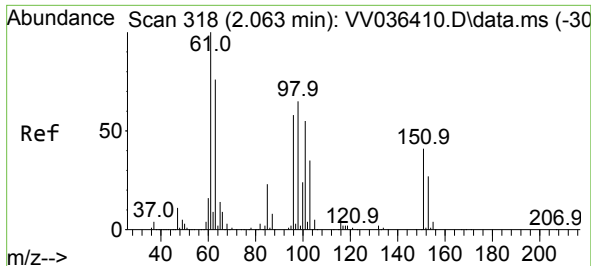
Tgt Ion: 64 Resp: 108285
Ion Ratio Lower Upper
64 100
66 32.5 23.0 42.6



#9
Trichlorofluoromethane
Concen: 23.715 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

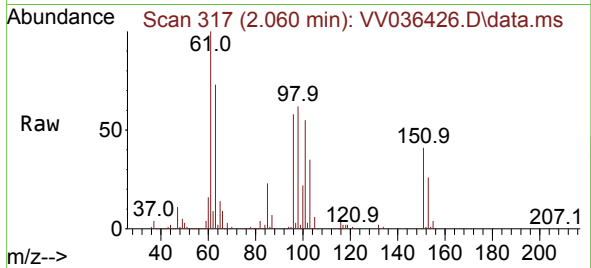
Tgt Ion:101 Resp: 234756
Ion Ratio Lower Upper
101 100
103 64.7 51.7 77.5



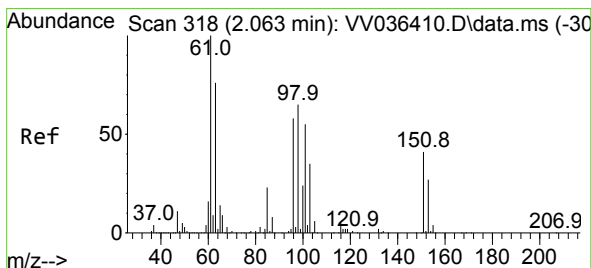
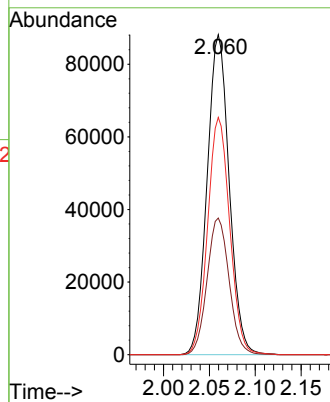
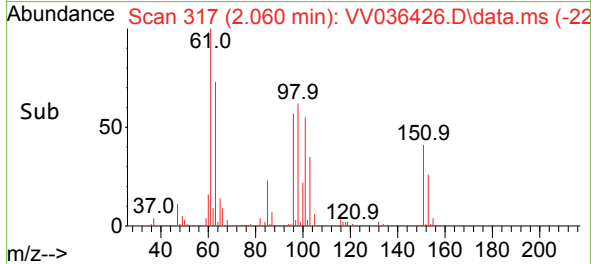


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.772 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV036426.D
 Acq: 02 Jul 2024 16:56

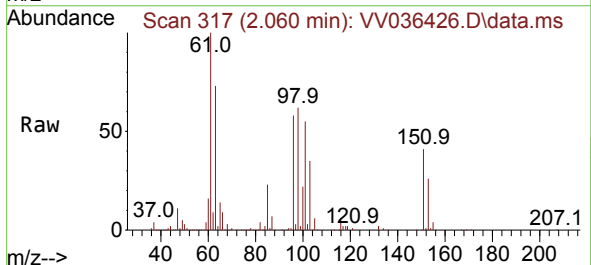
Instrument :
 MSVOA_V
 ClientSampleId :



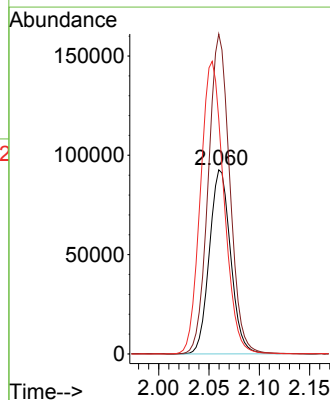
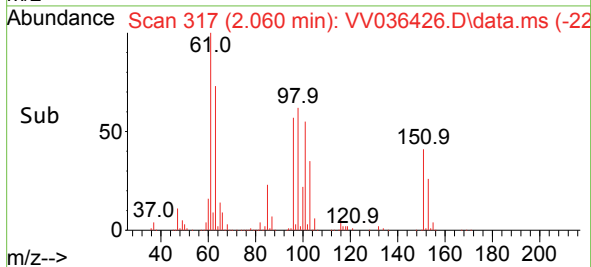
Tgt Ion:101 Resp: 147613
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.6 51.8
 151 74.2 58.9 88.3

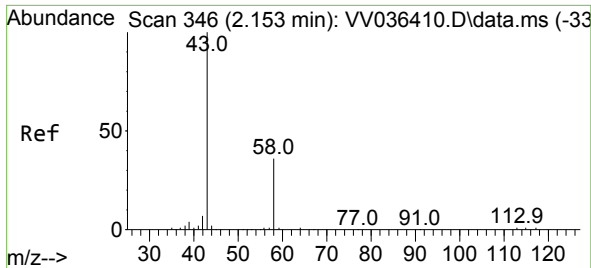


#12
 1,1-Dichloroethene
 Concen: 24.724 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV036426.D
 Acq: 02 Jul 2024 16:56



Tgt Ion: 96 Resp: 135925
 Ion Ratio Lower Upper
 96 100
 61 173.8 122.6 227.8
 63 127.5 96.1 178.5





#13

Acetone

Concen: 33.229 ug/L

RT: 2.384 min Scan# 41

Delta R.T. 0.231 min

Lab File: VV036426.D

Acq: 02 Jul 2024 16:56

Instrument :

MSVOA_V

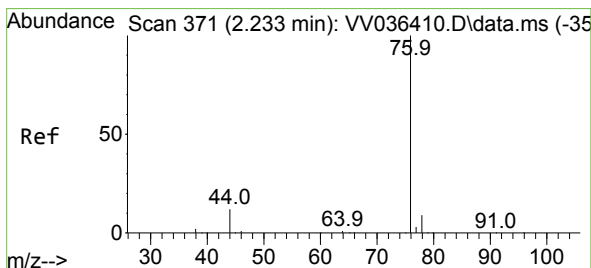
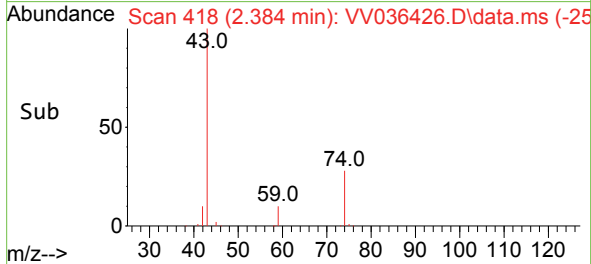
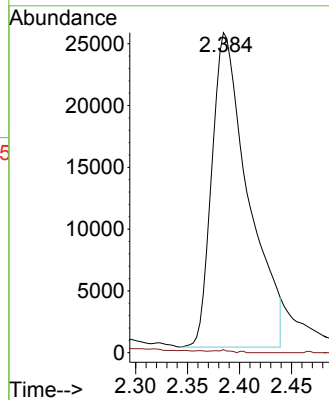
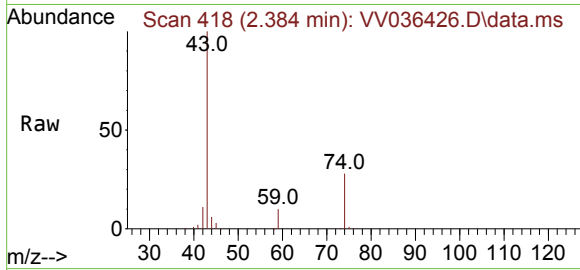
ClientSampleId :

Tgt Ion: 43 Resp: 61759

Ion Ratio Lower Upper

43 100

58 0.1 0.0 0.6



#14

Carbon disulfide

Concen: 24.238 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.003 min

Lab File: VV036426.D

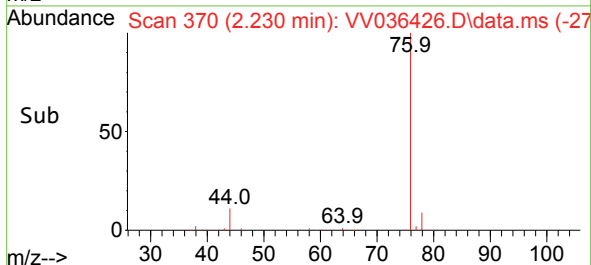
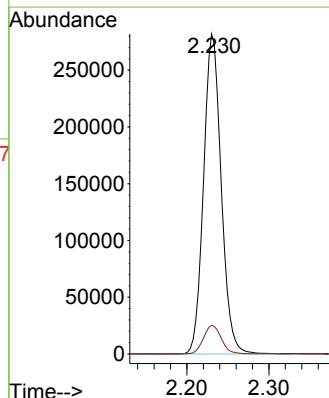
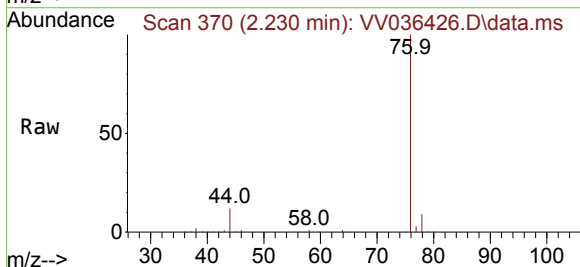
Acq: 02 Jul 2024 16:56

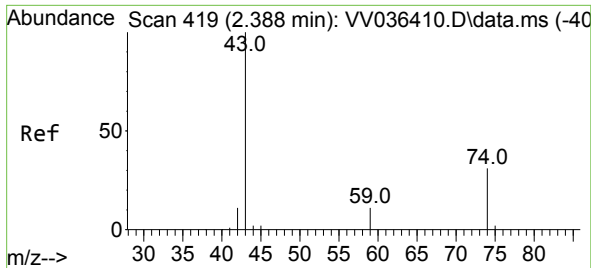
Tgt Ion: 76 Resp: 420420

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

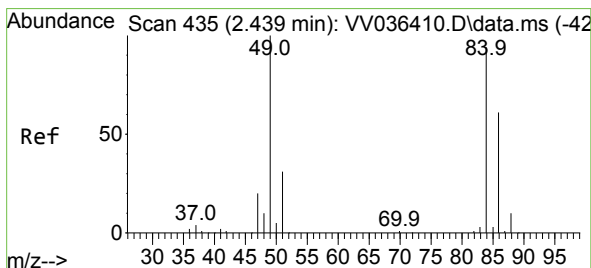
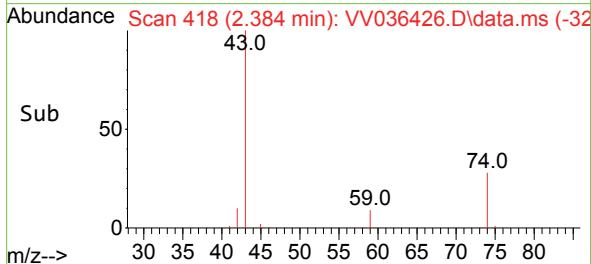
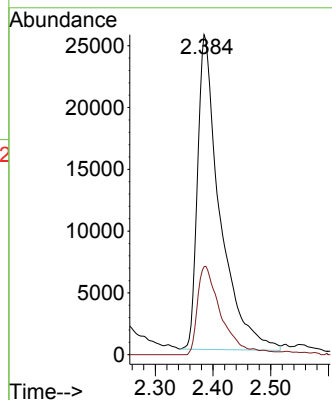
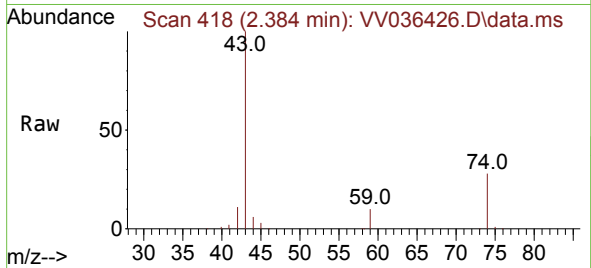




#15
Methyl Acetate
Concen: 28.532 ug/L
RT: 2.384 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

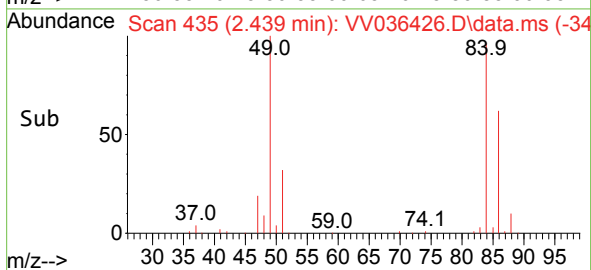
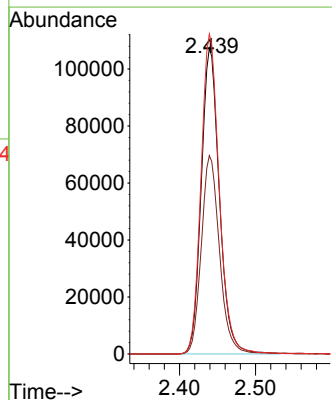
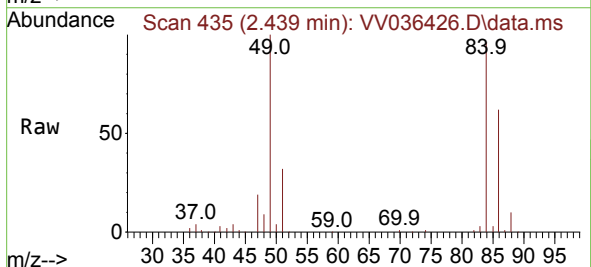
Instrument :
MSVOA_V
ClientSampleId :

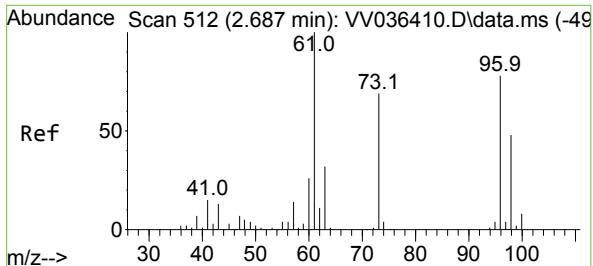
Tgt Ion: 43 Resp: 68241
Ion Ratio Lower Upper
43 100
74 28.7 23.8 35.6



#16
Methylene chloride
Concen: 25.930 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

Tgt Ion: 84 Resp: 178172
Ion Ratio Lower Upper
84 100
86 64.9 45.6 84.8
49 104.7 75.7 140.5





#17

trans-1,2-Dichloroethene

Concen: 25.605 ug/L

RT: 2.687 min Scan# 512

Delta R.T. -0.000 min

Lab File: VV036426.D

Acq: 02 Jul 2024 16:56

Instrument :

MSVOA_V

ClientSampleId :

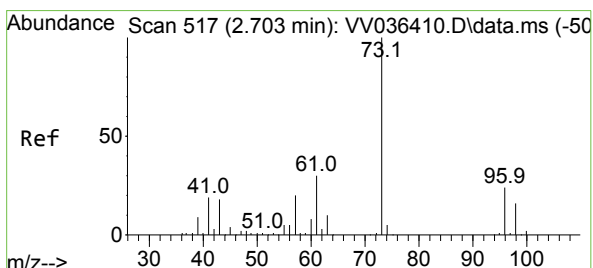
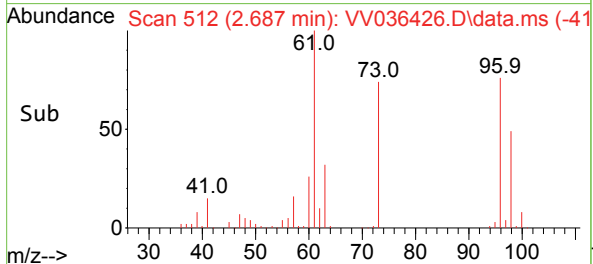
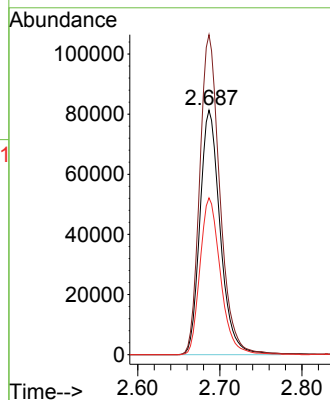
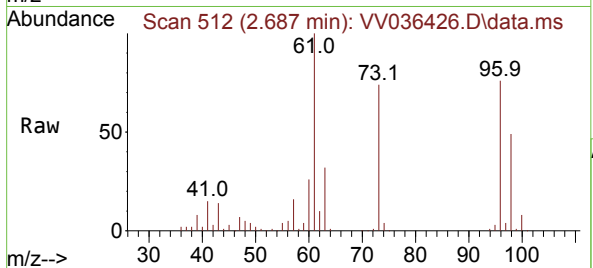
Tgt Ion: 96 Resp: 139764

Ion Ratio Lower Upper

96 100

61 130.9 89.8 166.8

98 64.2 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 27.873 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV036426.D

Acq: 02 Jul 2024 16:56

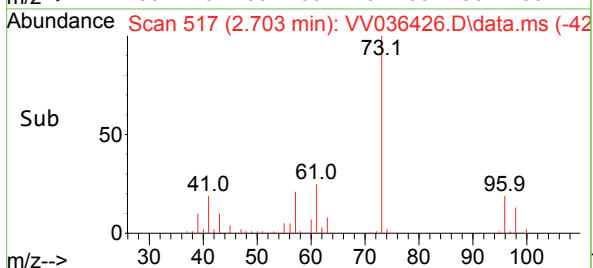
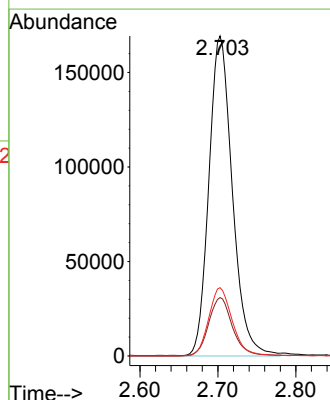
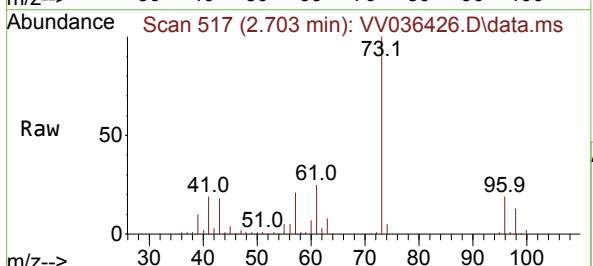
Tgt Ion: 73 Resp: 354169

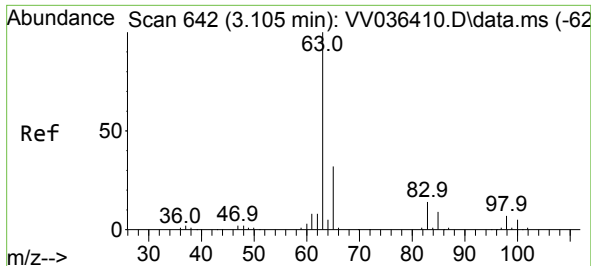
Ion Ratio Lower Upper

73 100

43 18.2 14.7 22.1

57 21.5 17.0 25.6





#19

1,1-Dichloroethane

Concen: 26.493 ug/L

RT: 3.105 min Scan# 642

Delta R.T. -0.000 min

Lab File: VV036426.D

Acq: 02 Jul 2024 16:56

Instrument :

MSVOA_V

ClientSampleId :

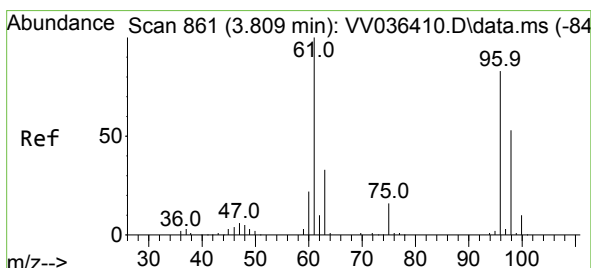
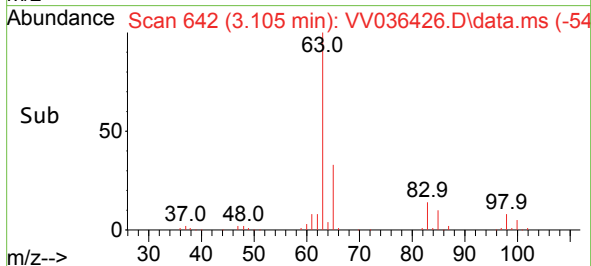
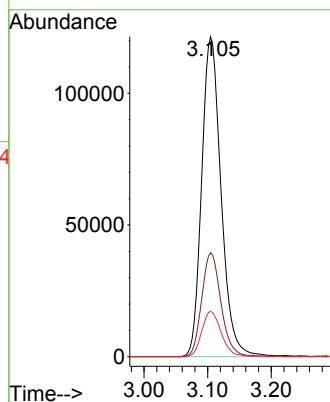
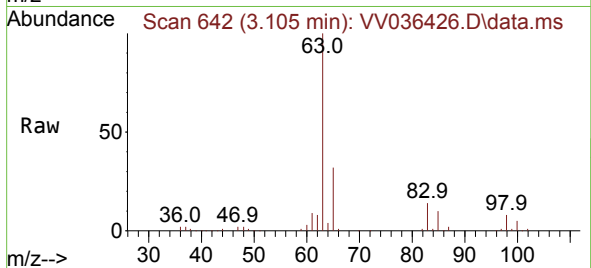
Tgt Ion: 63 Resp: 257121

Ion Ratio Lower Upper

63 100

65 32.5 22.1 41.1

83 14.2 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 27.346 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.000 min

Lab File: VV036426.D

Acq: 02 Jul 2024 16:56

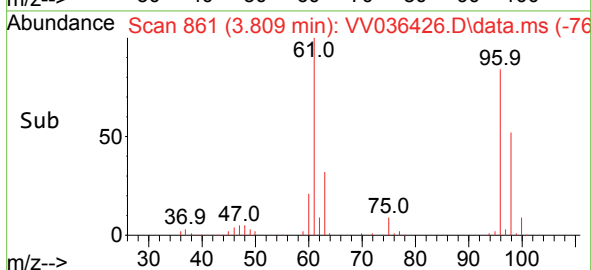
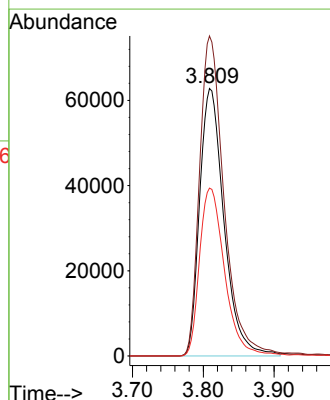
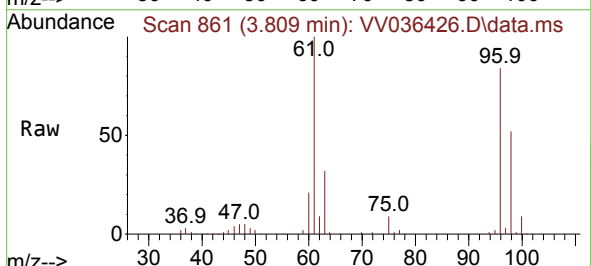
Tgt Ion: 96 Resp: 150130

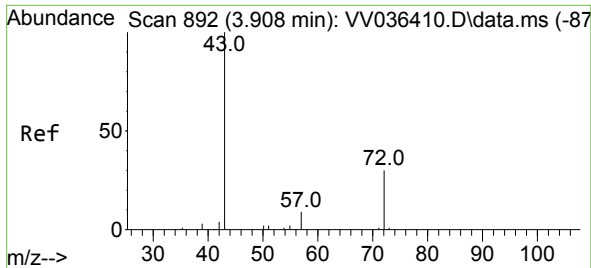
Ion Ratio Lower Upper

96 100

61 119.6 83.7 155.5

98 62.7 44.2 82.0

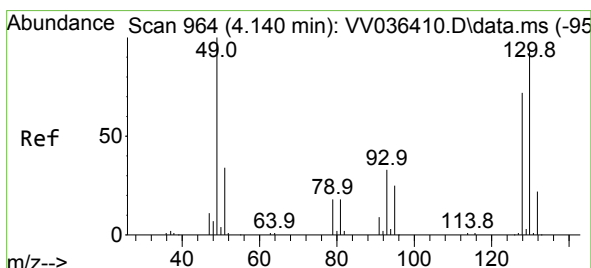
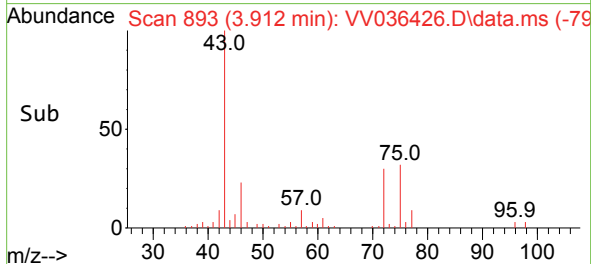
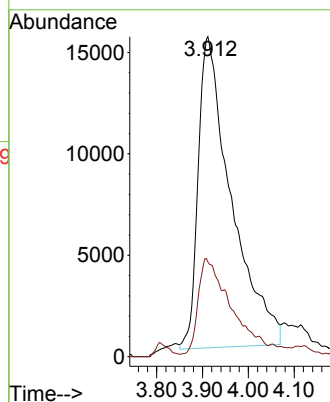
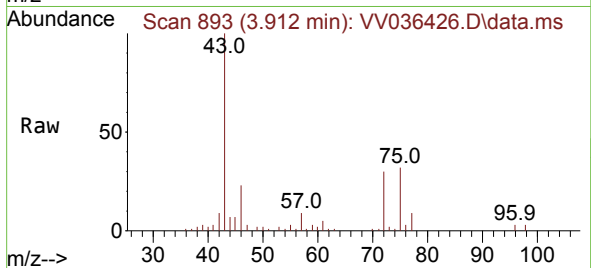




#22
2-Butanone
Concen: 49.069 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

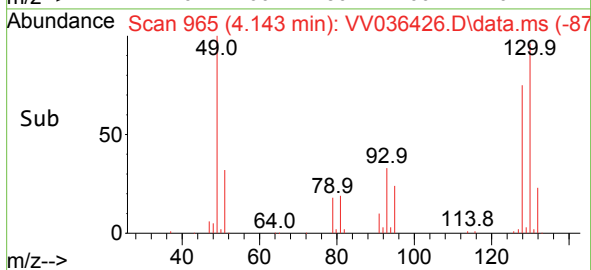
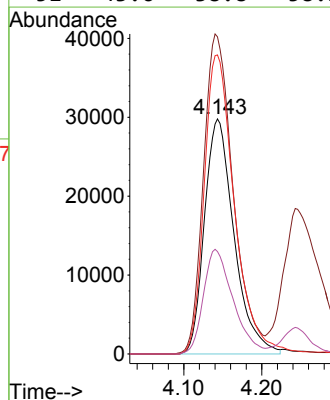
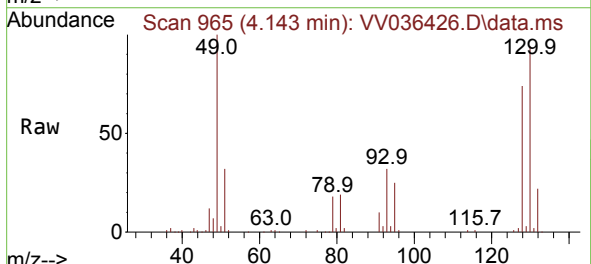
Instrument :
MSVOA_V
ClientSampleId :

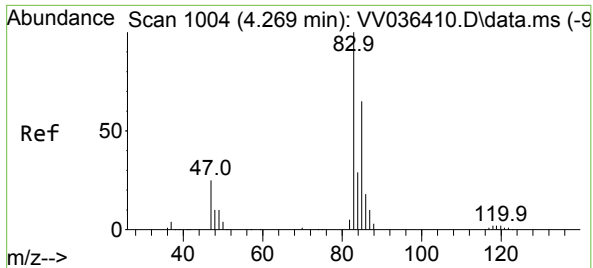
Tgt Ion: 43 Resp: 76900
Ion Ratio Lower Upper
43 100
72 18.9 12.9 38.7



#23
Bromochloromethane
Concen: 27.481 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.003 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

Tgt Ion: 128 Resp: 78669
Ion Ratio Lower Upper
128 100
49 134.9 99.2 184.2
130 127.2 88.9 165.1
51 43.6 38.8 58.2

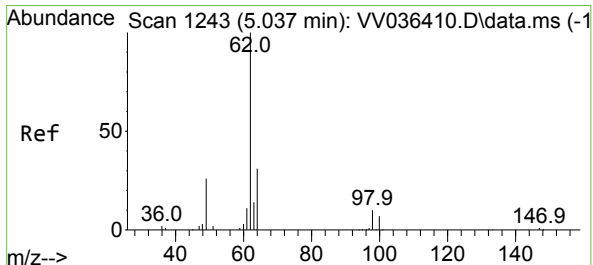
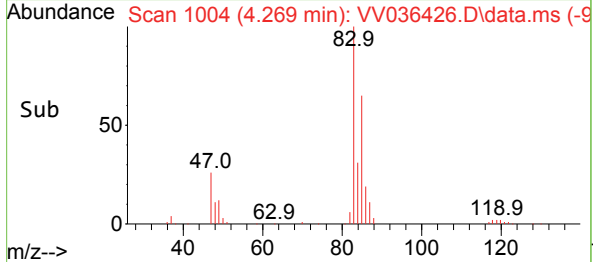
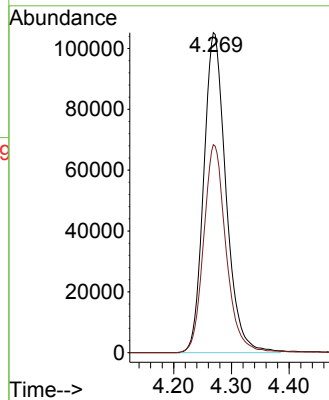
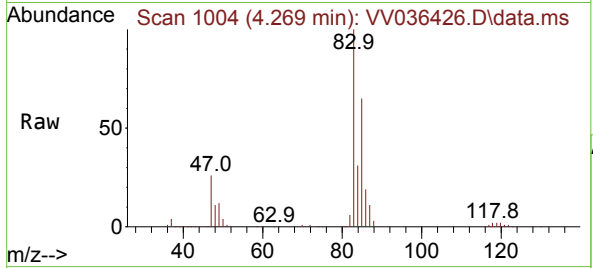




#25
Chloroform
Concen: 27.195 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

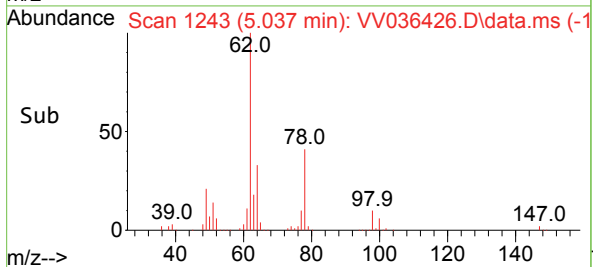
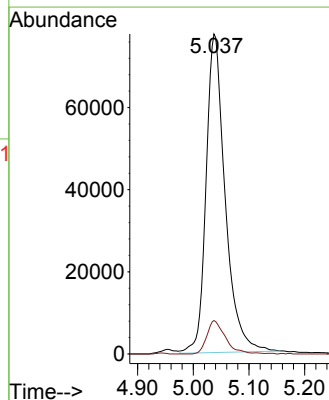
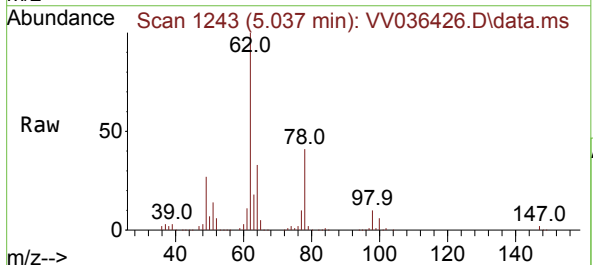
Instrument :
MSVOA_V
ClientSampleId :

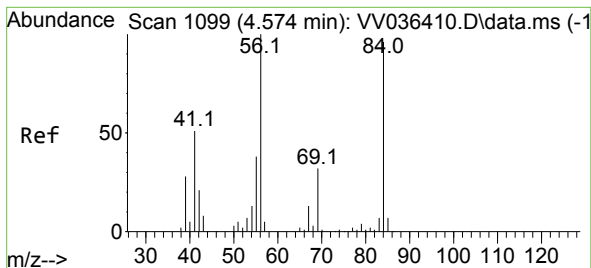
Tgt Ion: 83 Resp: 281505
Ion Ratio Lower Upper
83 100
85 65.0 45.0 83.6



#27
1,2-Dichloroethane
Concen: 27.625 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

Tgt Ion: 62 Resp: 185164
Ion Ratio Lower Upper
62 100
98 10.4 7.8 11.8





#29

Cyclohexane

Concen: 23.101 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.000 min

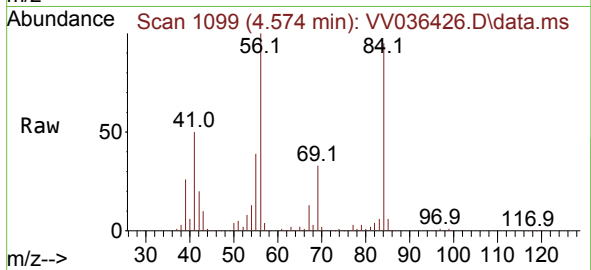
Lab File: VV036426.D

Acq: 02 Jul 2024 16:56

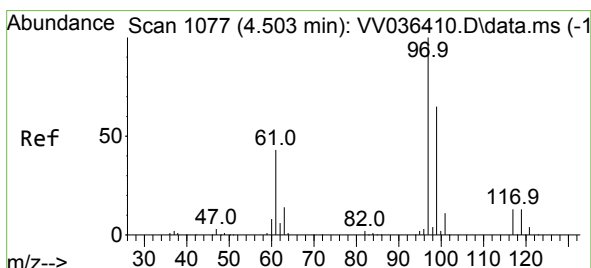
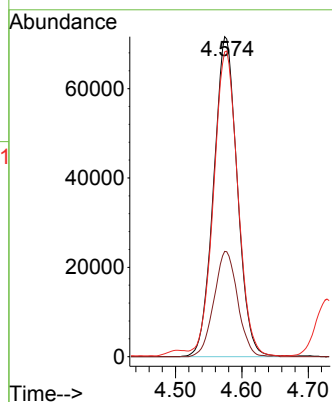
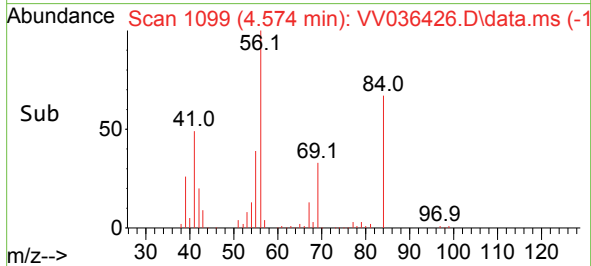
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	56	Resp:	177284
Ion	Ratio	Lower	Upper
56	100		
69	32.9	26.0	39.0
84	97.8	77.4	116.0



#30

1,1,1-Trichloroethane

Concen: 25.486 ug/L

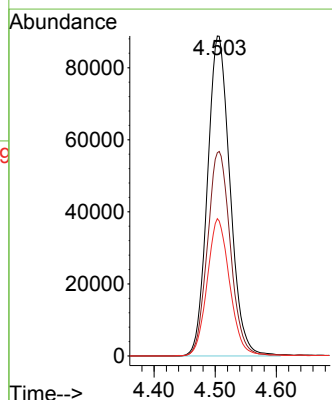
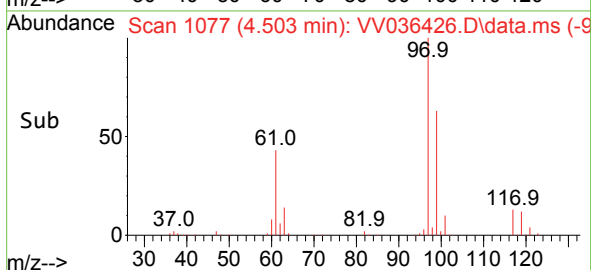
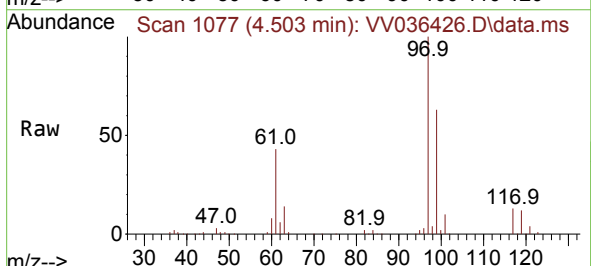
RT: 4.503 min Scan# 1077

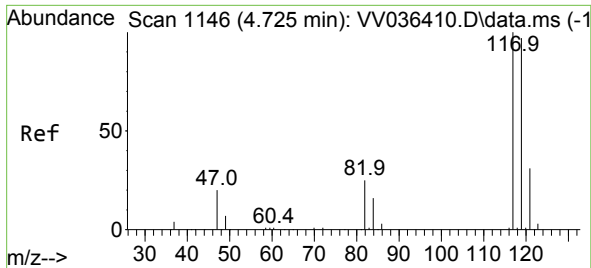
Delta R.T. -0.000 min

Lab File: VV036426.D

Acq: 02 Jul 2024 16:56

Tgt Ion:	97	Resp:	227637
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.4	77.0
61	42.6	34.8	52.2

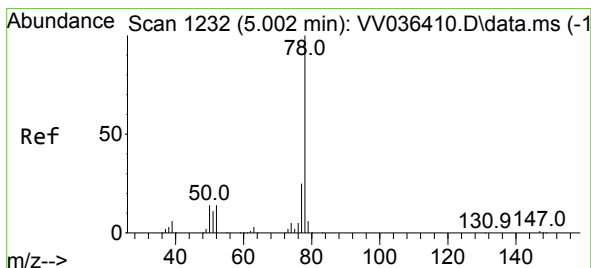
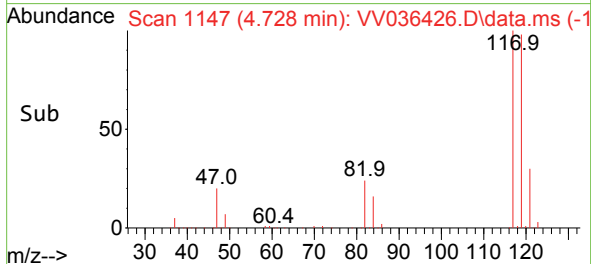
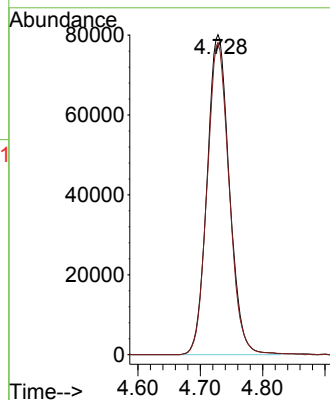
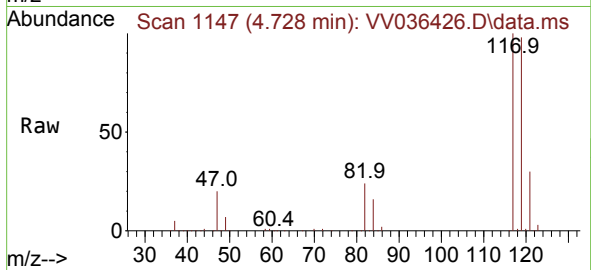




#31
Carbon tetrachloride
Concen: 24.980 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

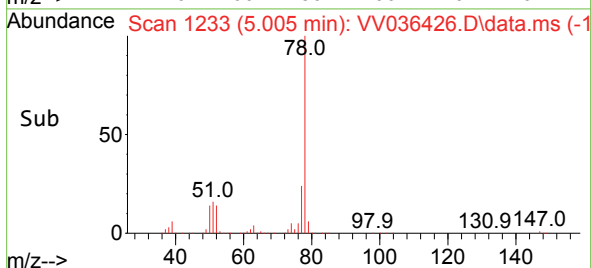
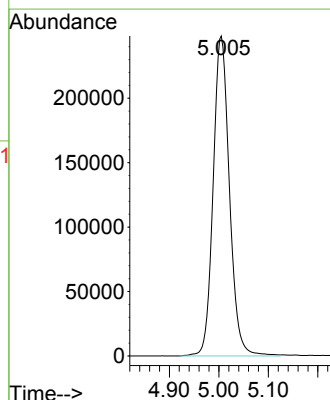
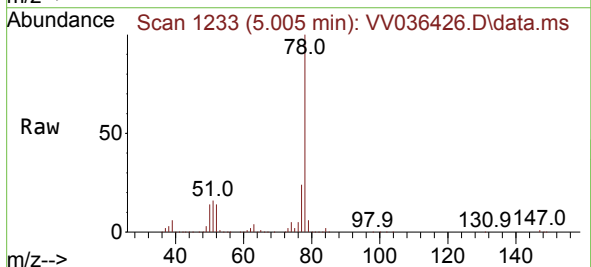
Instrument :
MSVOA_V
ClientSampleId :

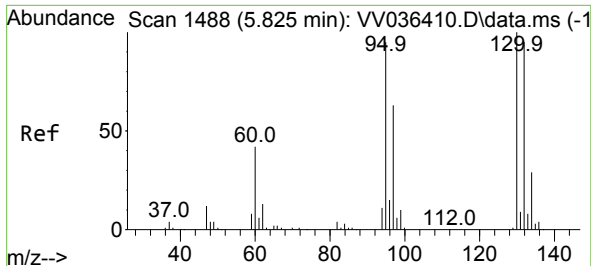
Tgt Ion:117 Resp: 198795
Ion Ratio Lower Upper
117 100
119 96.6 77.2 115.8



#33
Benzene
Concen: 26.581 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.003 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

Tgt Ion: 78 Resp: 567116

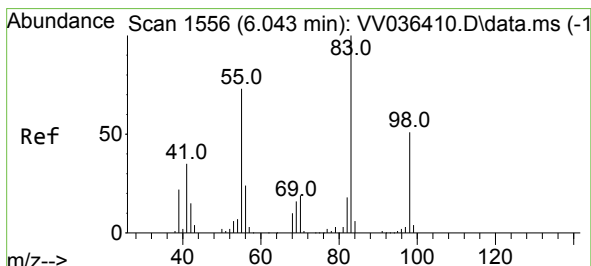
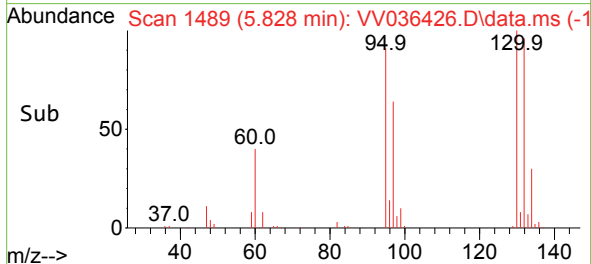
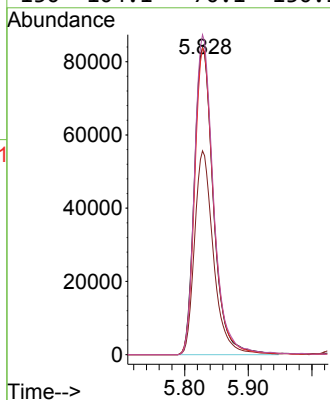
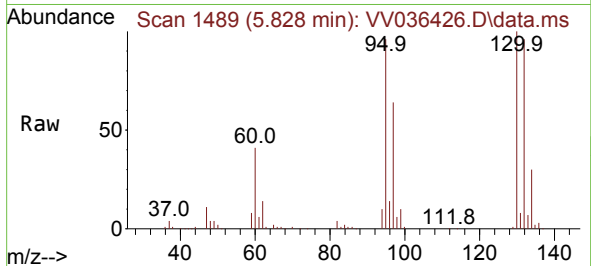




#34
 Trichloroethene
 Concen: 25.984 ug/L
 RT: 5.828 min Scan# 1488
 Delta R.T. 0.003 min
 Lab File: VV036426.D
 Acq: 02 Jul 2024 16:56

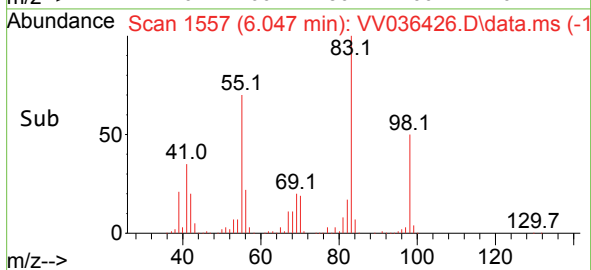
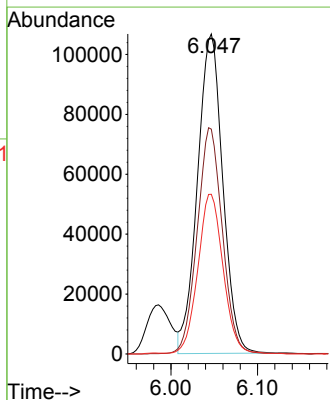
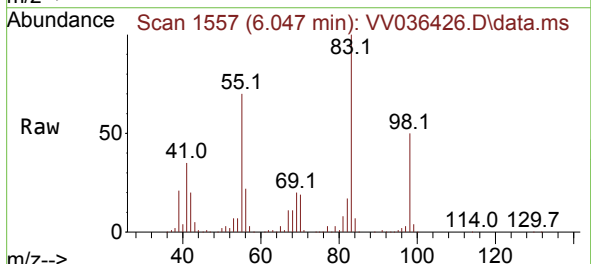
Instrument :
 MSVOA_V
 ClientSampleId :

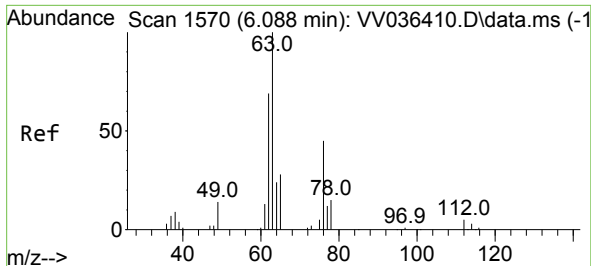
Tgt Ion: 95 Resp: 174945
 Ion Ratio Lower Upper
 95 100
 97 66.3 45.1 83.7
 132 99.7 67.7 125.7
 130 104.1 70.1 130.1



#35
 Methylcyclohexane
 Concen: 23.090 ug/L
 RT: 6.047 min Scan# 1557
 Delta R.T. 0.003 min
 Lab File: VV036426.D
 Acq: 02 Jul 2024 16:56

Tgt Ion: 83 Resp: 216653
 Ion Ratio Lower Upper
 83 100
 55 70.2 56.0 84.0
 98 50.1 39.0 58.6





#37

1,2-Dichloropropane

Concen: 27.046 ug/L

RT: 6.088 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VV036426.D

Acq: 02 Jul 2024 16:56

Instrument :

MSVOA_V

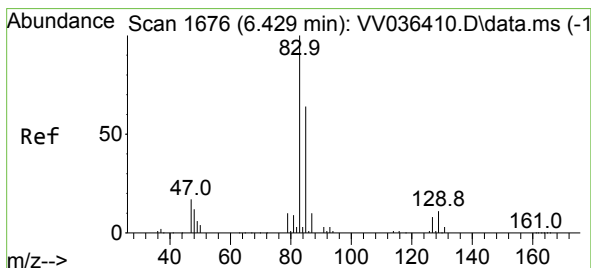
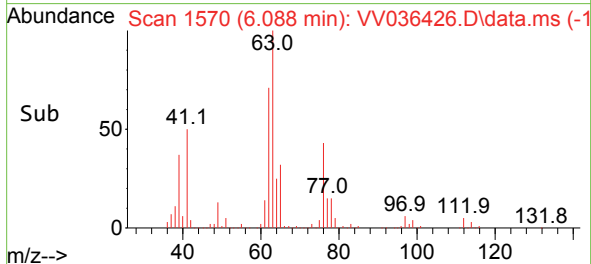
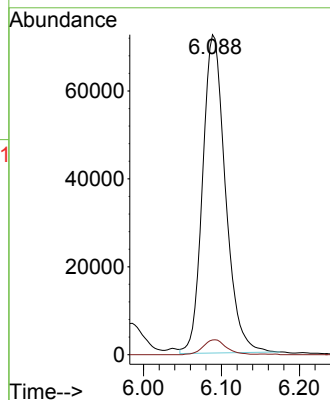
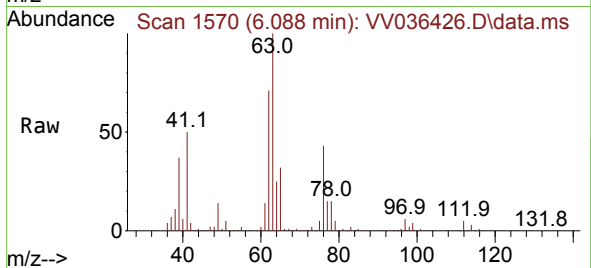
ClientSampleId :

Tgt Ion: 63 Resp: 147374

Ion Ratio Lower Upper

63 100

112 4.8 3.4 5.2



#38

Bromodichloromethane

Concen: 26.729 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VV036426.D

Acq: 02 Jul 2024 16:56

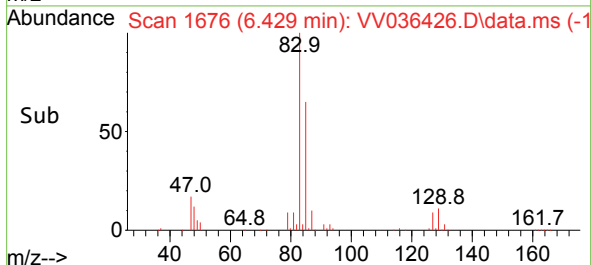
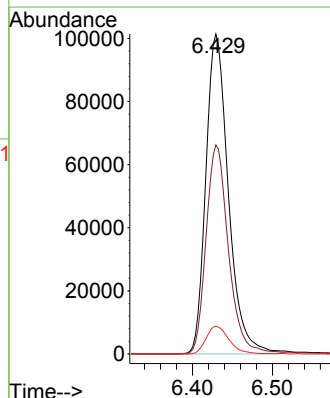
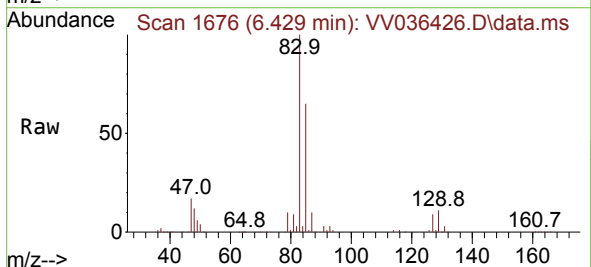
Tgt Ion: 83 Resp: 199205

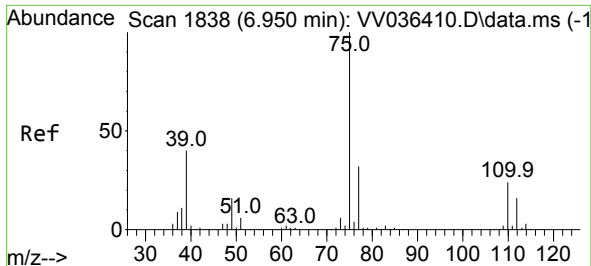
Ion Ratio Lower Upper

83 100

85 65.3 44.9 83.5

127 8.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 26.729 ug/L

RT: 6.950 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV036426.D

Acq: 02 Jul 2024 16:56

Instrument :

MSVOA_V

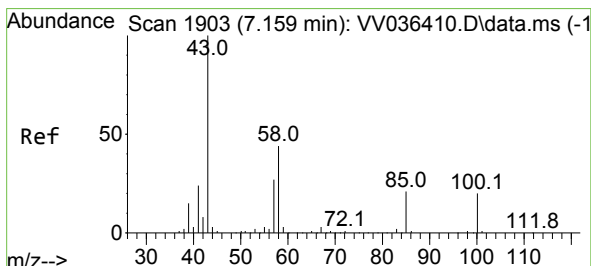
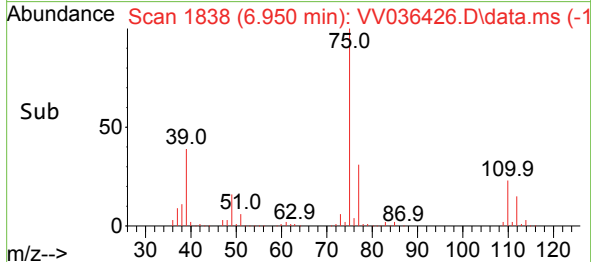
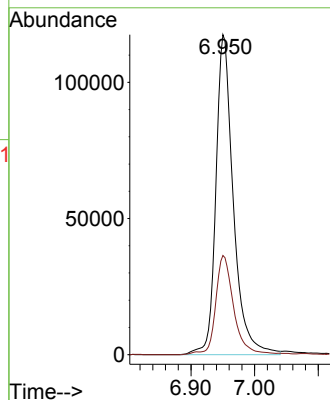
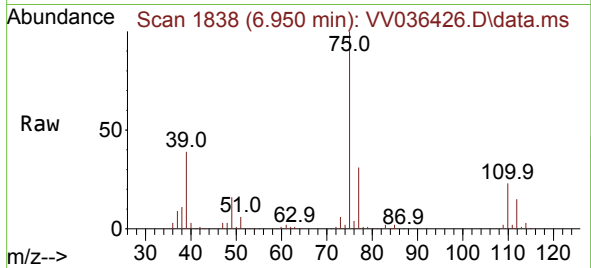
ClientSampleId :

Tgt Ion: 75 Resp: 223964

Ion Ratio Lower Upper

75 100

77 31.0 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 56.726 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV036426.D

Acq: 02 Jul 2024 16:56

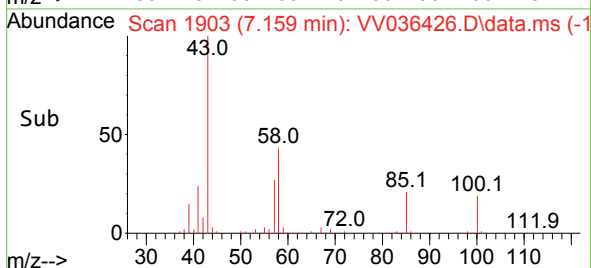
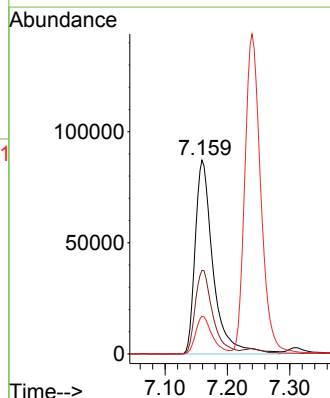
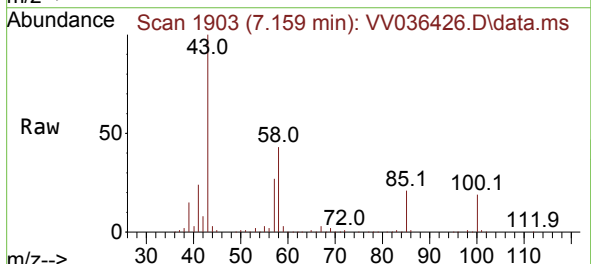
Tgt Ion: 43 Resp: 174325

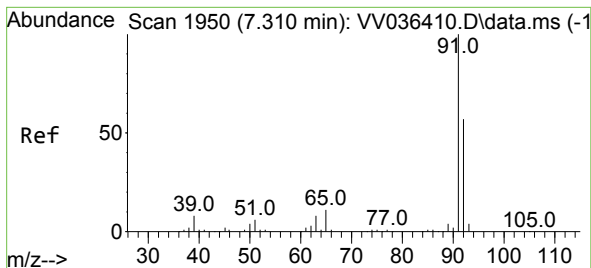
Ion Ratio Lower Upper

43 100

58 42.0 34.8 52.2

100 18.0 14.6 21.8





#42

Toluene

Concen: 27.136 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV036426.D

Acq: 02 Jul 2024 16:56

Instrument :

MSVOA_V

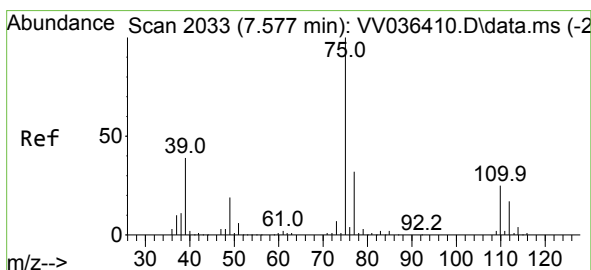
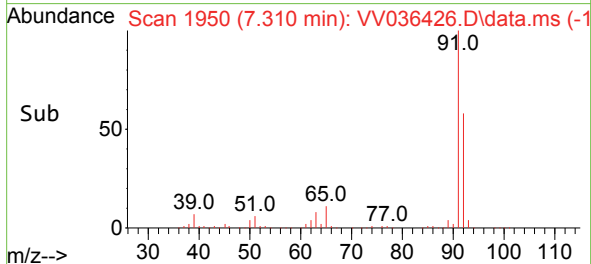
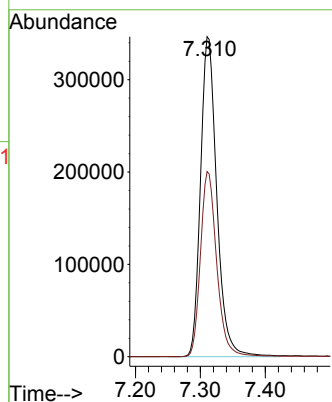
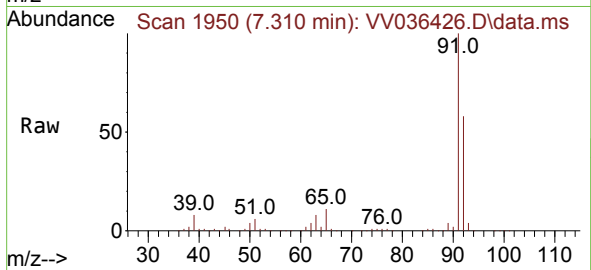
ClientSampleId :

Tgt Ion: 91 Resp: 605367

Ion Ratio Lower Upper

91 100

92 57.9 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 27.225 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV036426.D

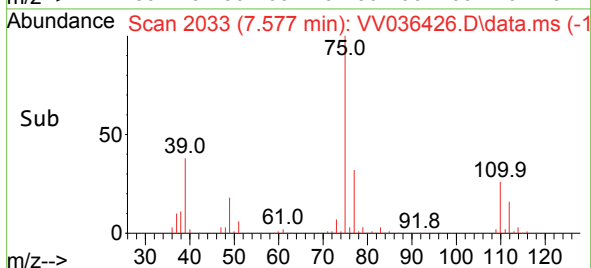
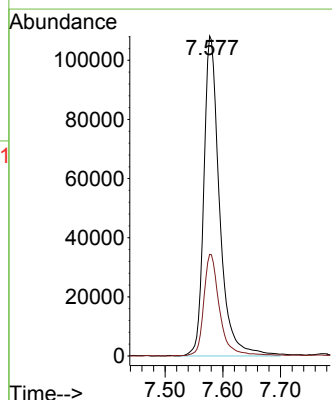
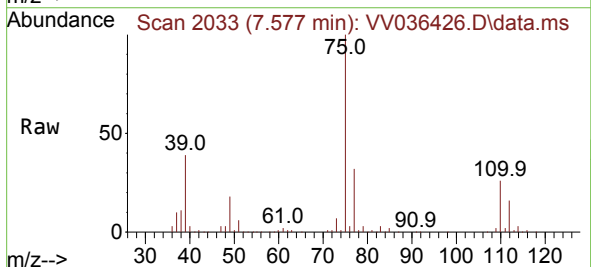
Acq: 02 Jul 2024 16:56

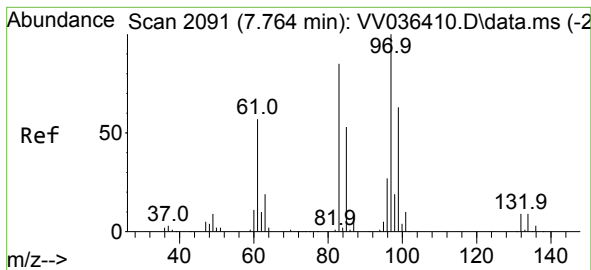
Tgt Ion: 75 Resp: 205174

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 27.130 ug/L

RT: 7.767 min Scan# 2091

Delta R.T. 0.003 min

Lab File: VV036426.D

Acq: 02 Jul 2024 16:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 130665

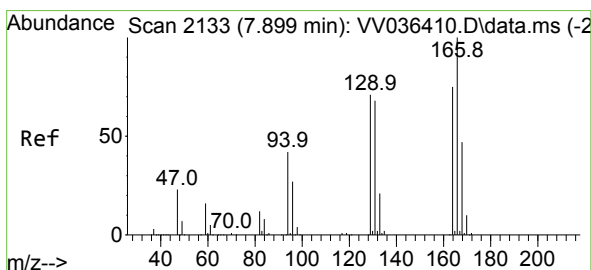
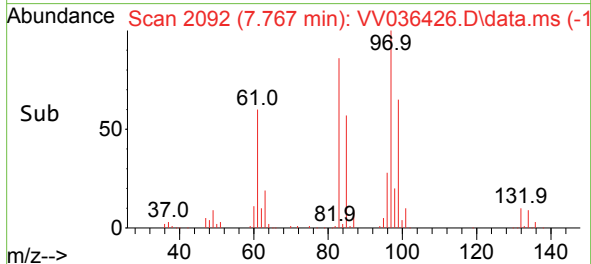
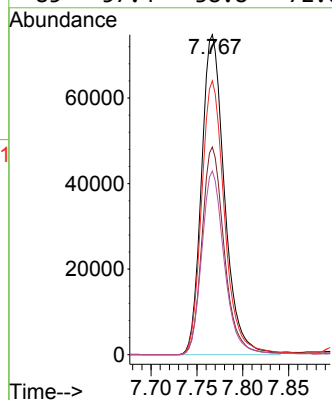
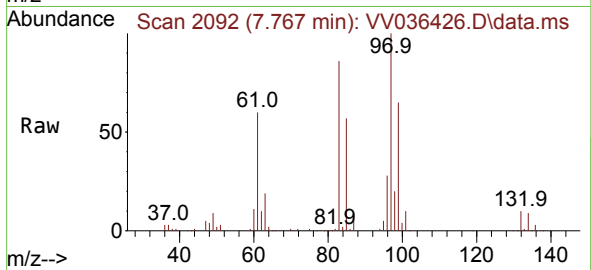
Ion Ratio Lower Upper

97 100

99 64.9 43.8 81.3

83 85.6 60.6 112.6

85 57.4 38.8 72.0



#46

Tetrachloroethene

Concen: 25.118 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV036426.D

Acq: 02 Jul 2024 16:56

Tgt Ion: 164 Resp: 122902

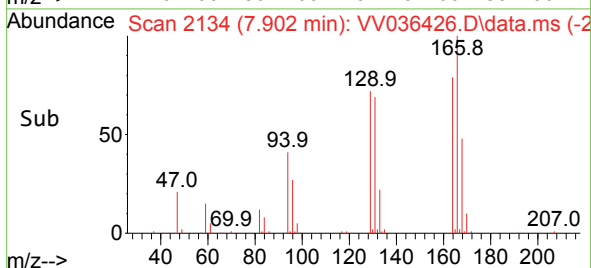
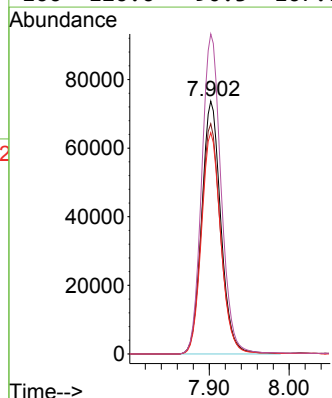
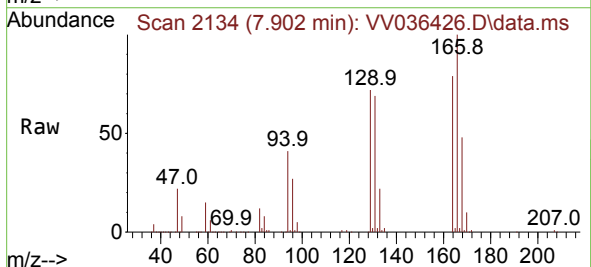
Ion Ratio Lower Upper

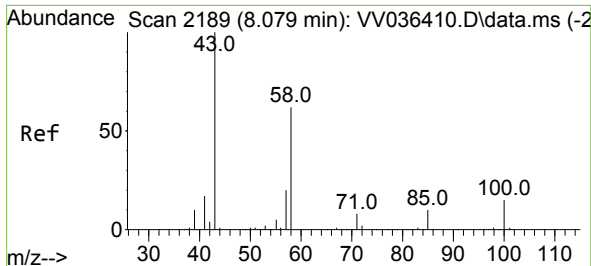
164 100

129 91.0 65.9 122.5

131 87.6 63.3 117.7

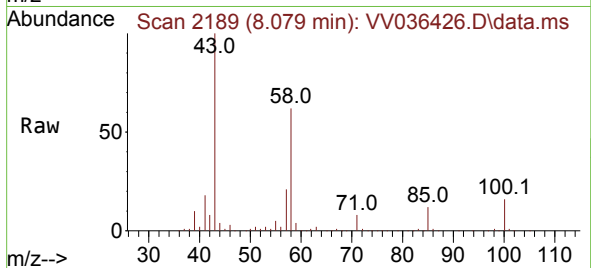
166 126.6 90.3 167.7



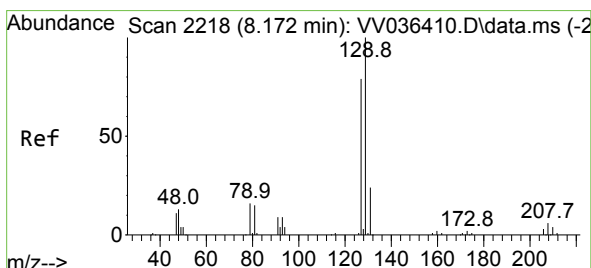
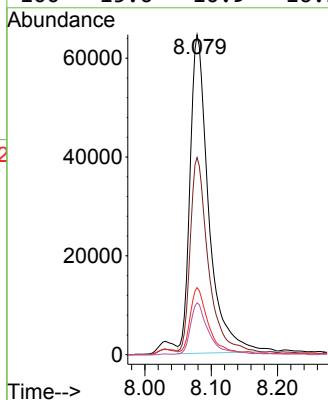
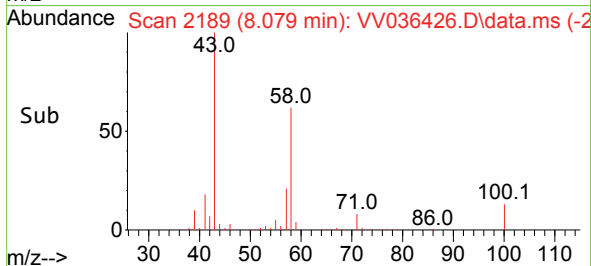


#48
2-Hexanone
Concen: 52.127 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

Instrument :
MSVOA_V
ClientSampleId :

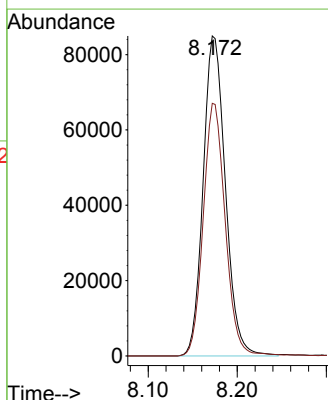
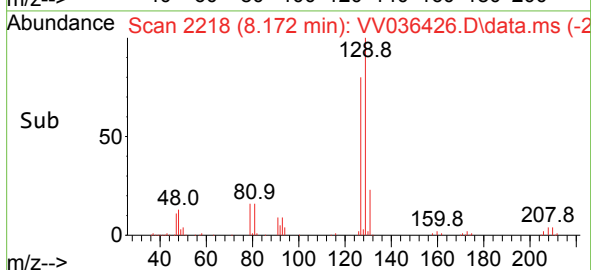
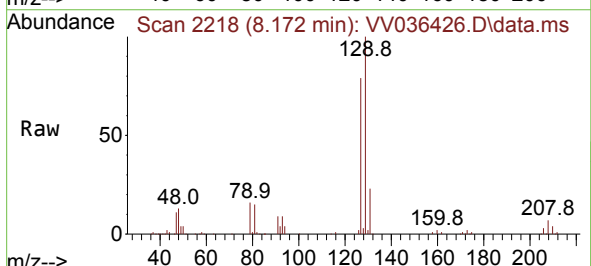


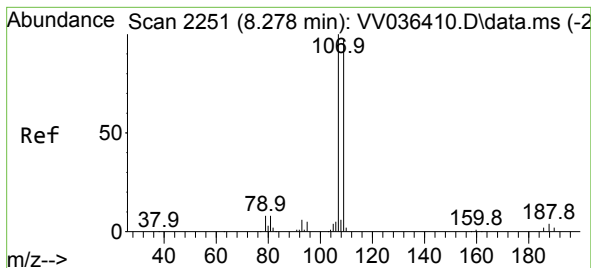
Tgt Ion: 43 Resp: 126003
Ion Ratio Lower Upper
43 100
58 60.1 48.5 72.7
57 19.1 15.8 23.6
100 15.6 10.9 16.3



#49
Dibromochloromethane
Concen: 27.448 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

Tgt Ion: 129 Resp: 147369
Ion Ratio Lower Upper
129 100
127 79.0 54.9 101.9





#50

1,2-Dibromoethane

Concen: 27.963 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV036426.D

Acq: 02 Jul 2024 16:56

Instrument :

MSVOA_V

ClientSampleId :

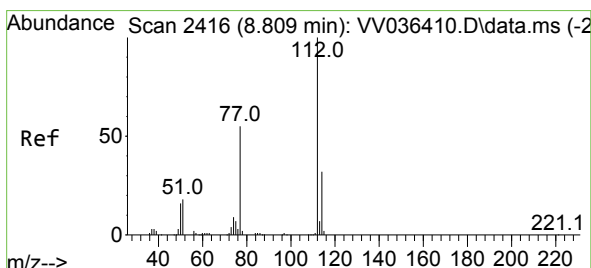
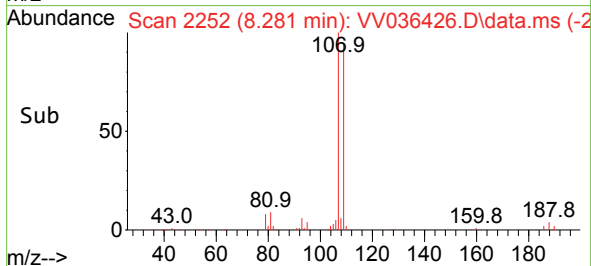
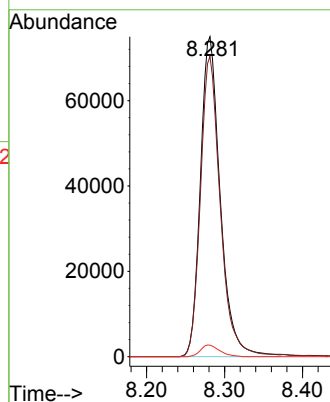
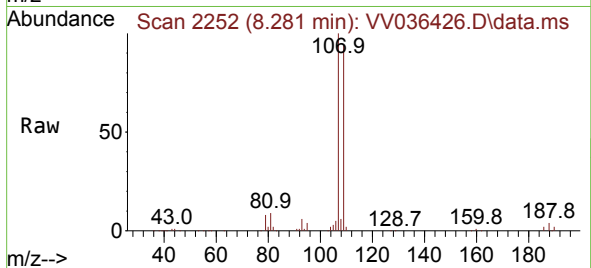
Tgt Ion:107 Resp: 132674

Ion Ratio Lower Upper

107 100

109 93.8 64.7 120.1

188 3.6 3.0 4.6



#51

Chlorobenzene

Concen: 26.262 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV036426.D

Acq: 02 Jul 2024 16:56

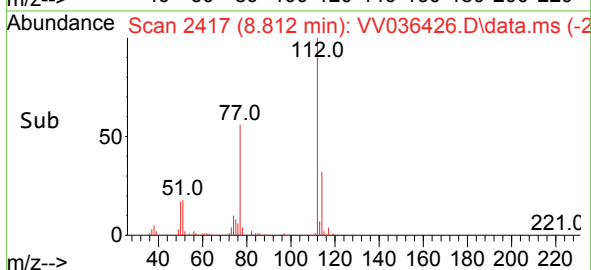
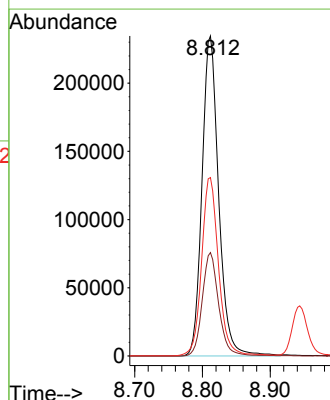
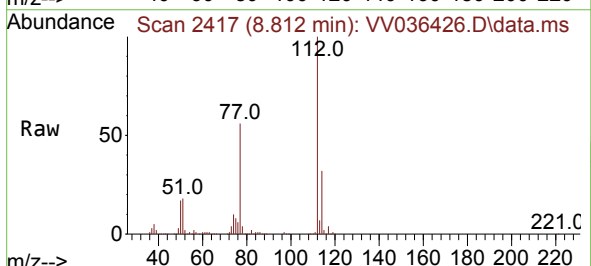
Tgt Ion:112 Resp: 400494

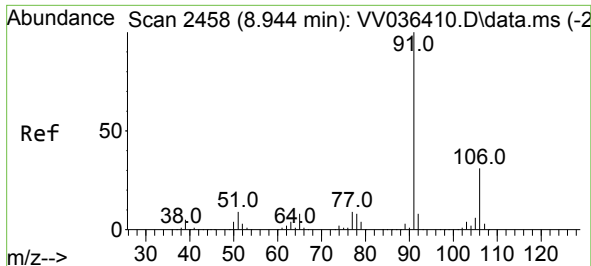
Ion Ratio Lower Upper

112 100

114 32.3 22.8 42.4

77 55.7 46.2 69.2

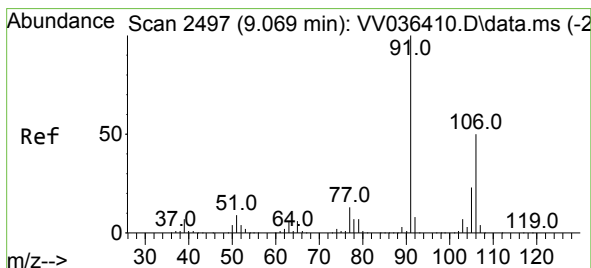
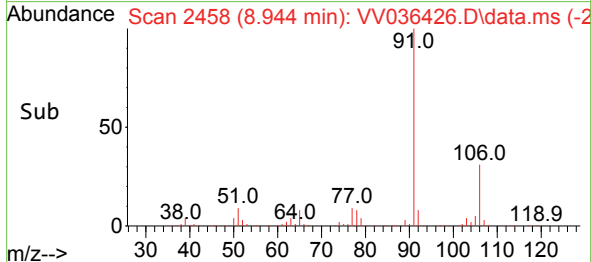
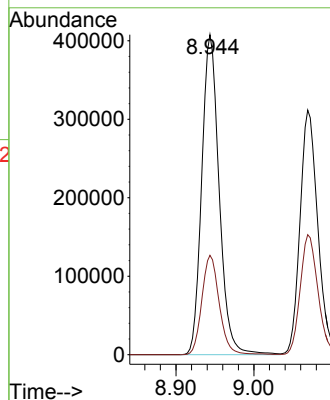
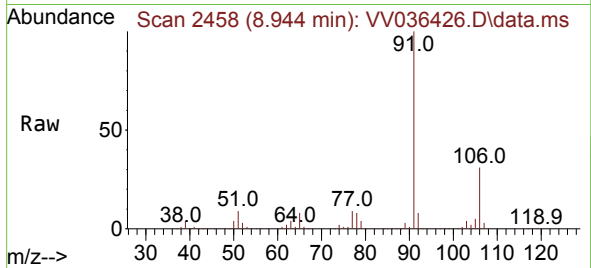




#52
Ethylbenzene
Concen: 26.276 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

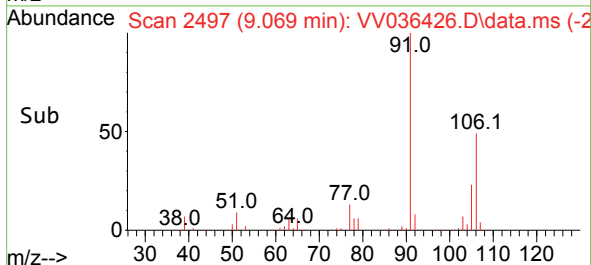
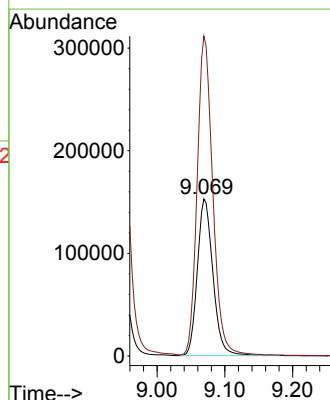
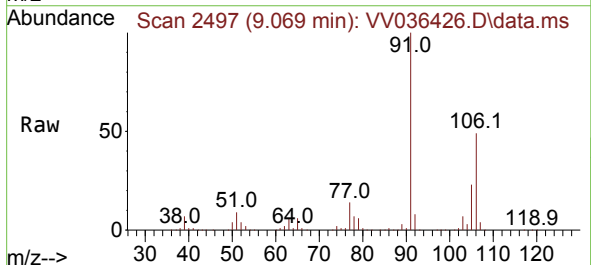
Instrument :
MSVOA_V
ClientSampleId :

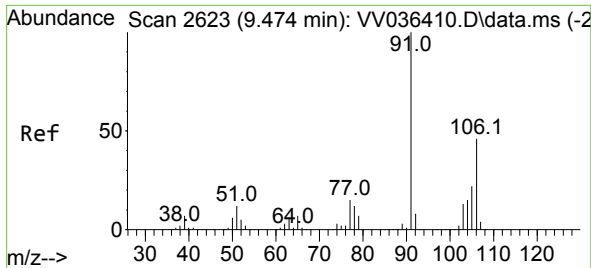
Tgt Ion: 91 Resp: 632591
Ion Ratio Lower Upper
91 100
106 31.0 21.8 40.4



#53
m,p-Xylene
Concen: 27.115 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

Tgt Ion: 106 Resp: 243291
Ion Ratio Lower Upper
106 100
91 203.9 142.2 264.0

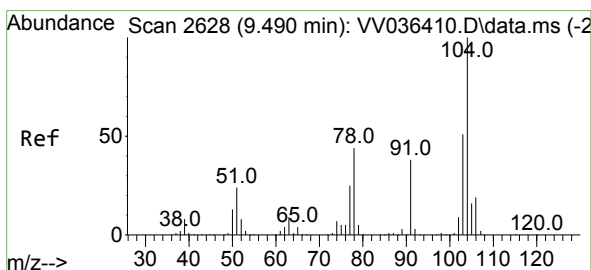
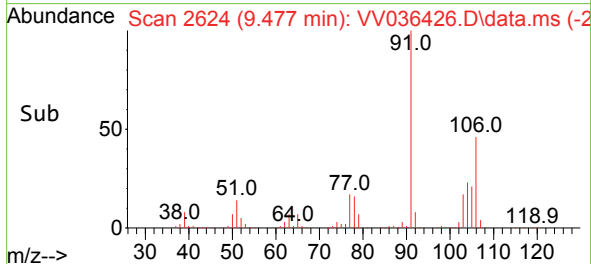
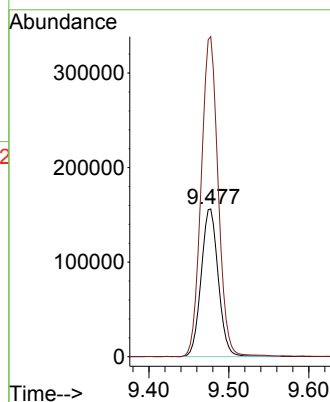
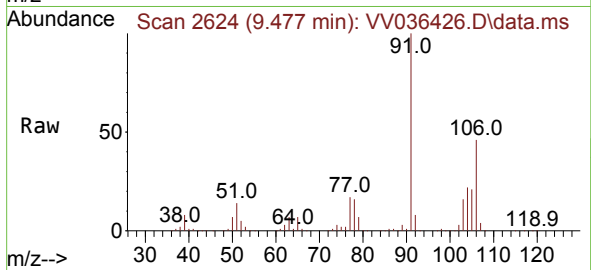




#54
o-Xylene
Concen: 27.655 ug/L
RT: 9.477 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

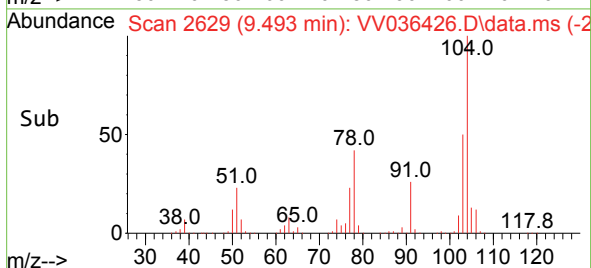
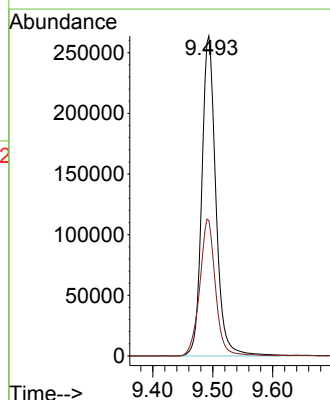
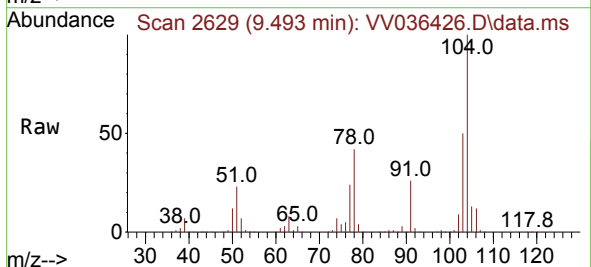
Instrument :
MSVOA_V
ClientSampleId :

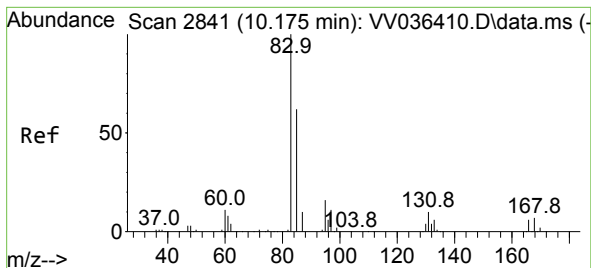
Tgt Ion:106 Resp: 233348
Ion Ratio Lower Upper
106 100
91 216.8 152.7 283.7



#55
Styrene
Concen: 29.225 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.003 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

Tgt Ion:104 Resp: 432181
Ion Ratio Lower Upper
104 100
78 42.3 30.2 56.2

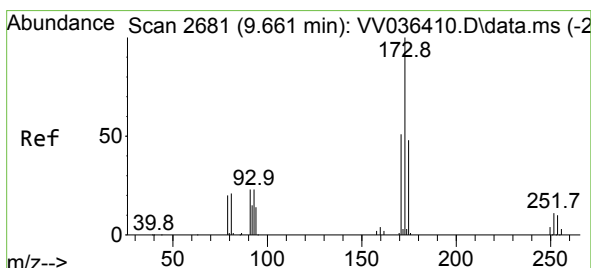
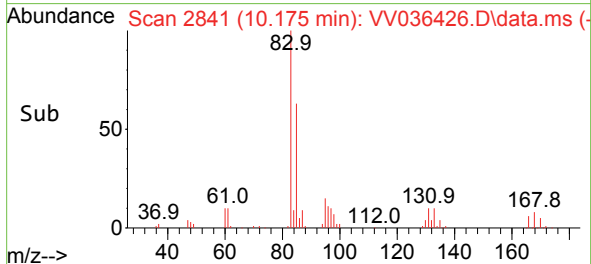
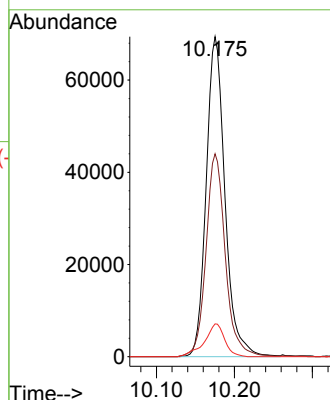
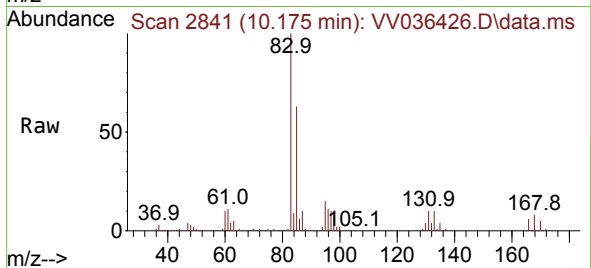




#57
1,1,2,2-Tetrachloroethane
Concen: 26.900 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

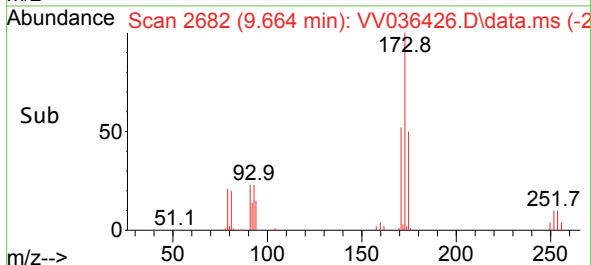
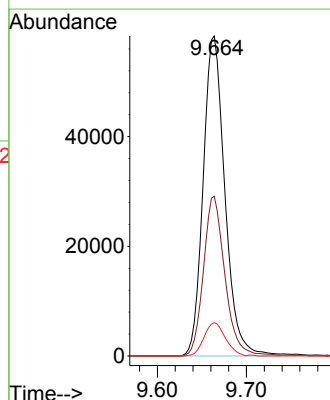
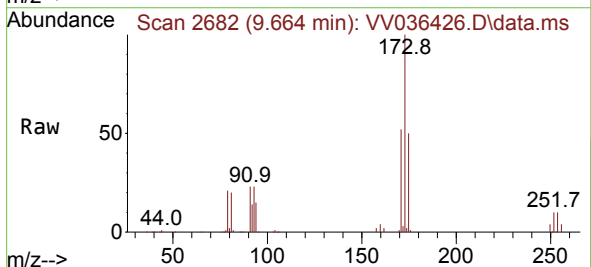
Instrument :
MSVOA_V
ClientSampleId :

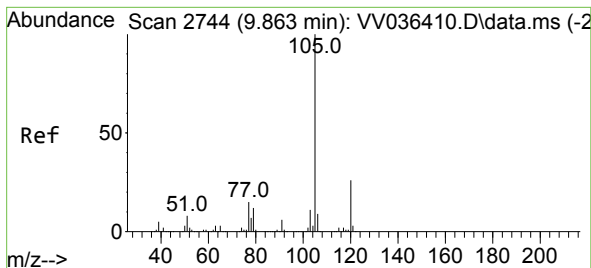
Tgt Ion: 83 Resp: 115955
Ion Ratio Lower Upper
83 100
85 63.4 45.7 84.9
131 10.2 7.8 11.6



#59
Bromoform
Concen: 26.544 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

Tgt Ion: 173 Resp: 98924
Ion Ratio Lower Upper
173 100
175 49.2 38.9 58.3
254 10.2 7.2 10.8





#60

Isopropylbenzene

Concen: 25.852 ug/L

RT: 9.863 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV036426.D

Acq: 02 Jul 2024 16:56

Instrument :

MSVOA_V

ClientSampleId :

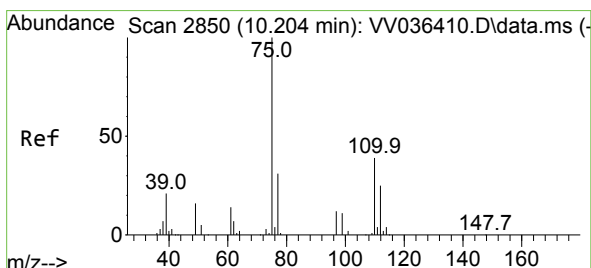
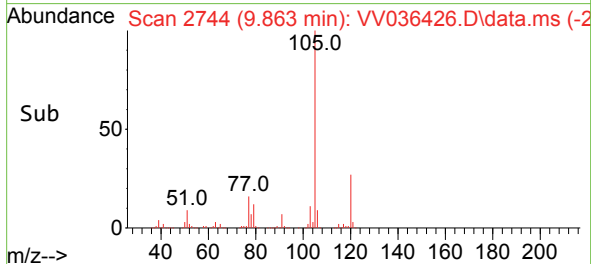
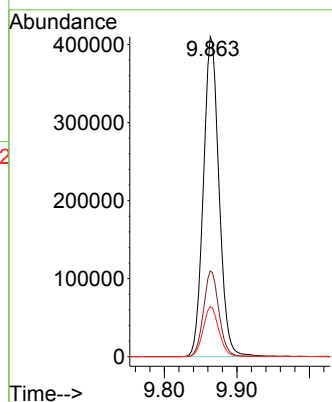
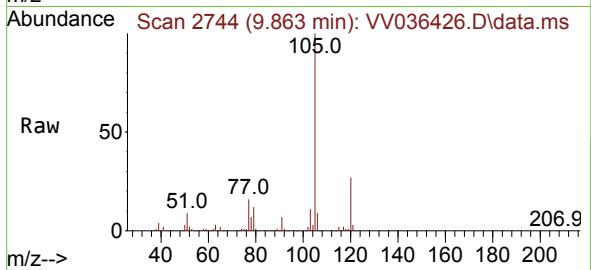
Tgt Ion:105 Resp: 615239

Ion Ratio Lower Upper

105 100

120 26.4 21.2 31.8

77 15.6 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 26.853 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VV036426.D

Acq: 02 Jul 2024 16:56

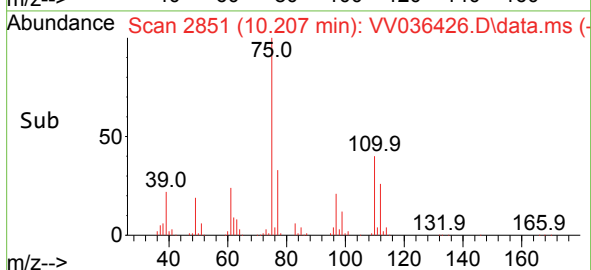
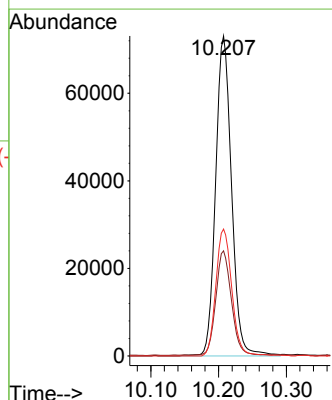
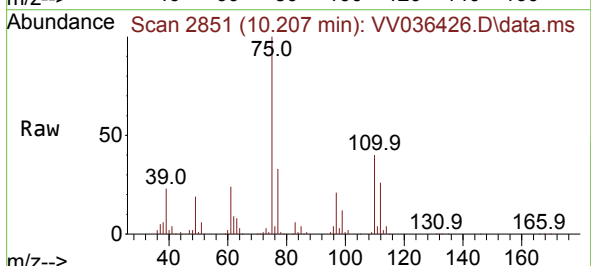
Tgt Ion: 75 Resp: 119306

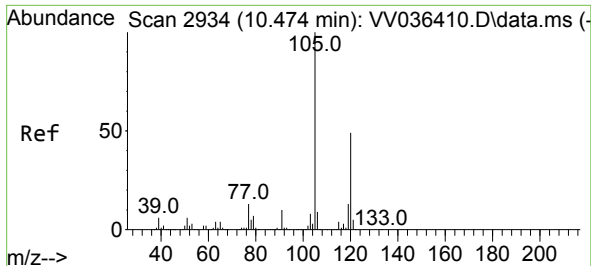
Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

110 39.6 31.7 47.5

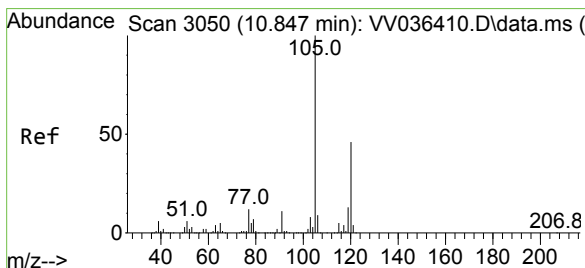
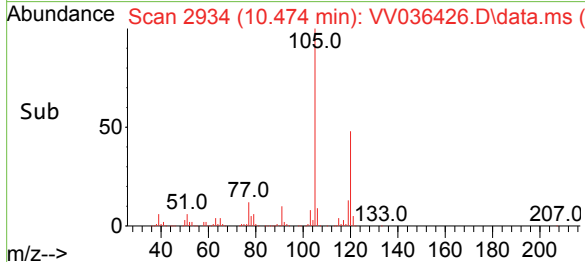
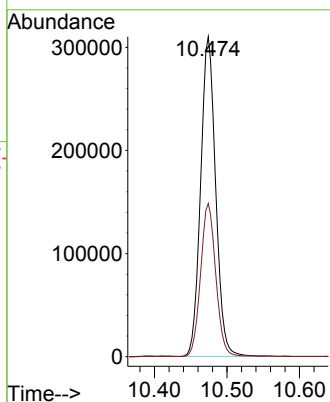
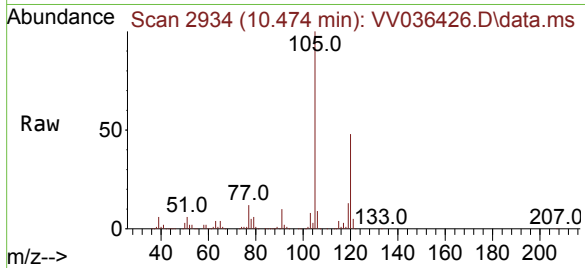




#62
 1,3,5-Trimethylbenzene
 Concen: 26.191 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. -0.000 min
 Lab File: VV036426.D
 Acq: 02 Jul 2024 16:56

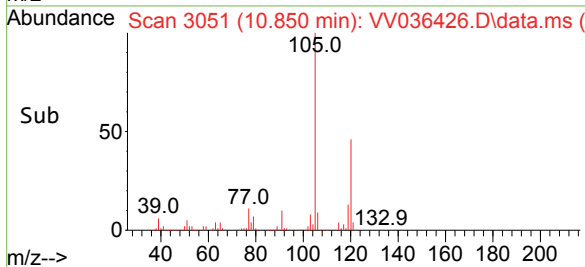
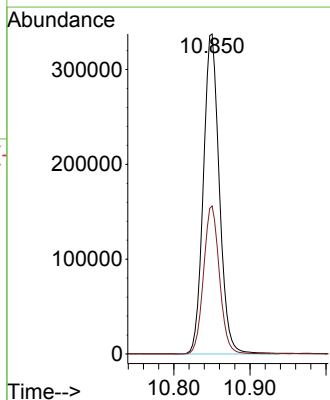
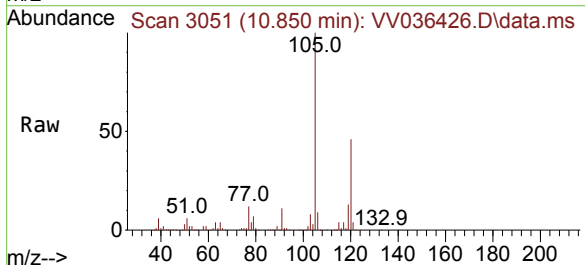
Instrument :
 MSVOA_V
 ClientSampleId :

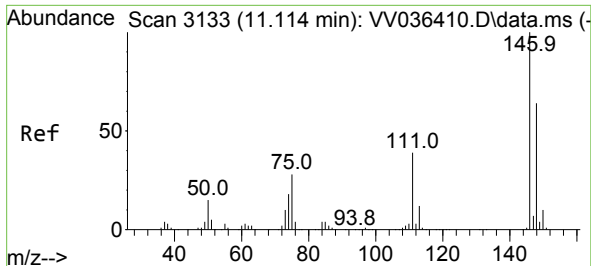
Tgt Ion:105 Resp: 446070
 Ion Ratio Lower Upper
 105 100
 120 48.3 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 26.640 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. 0.003 min
 Lab File: VV036426.D
 Acq: 02 Jul 2024 16:56

Tgt Ion:105 Resp: 493048
 Ion Ratio Lower Upper
 105 100
 120 46.0 36.2 54.4

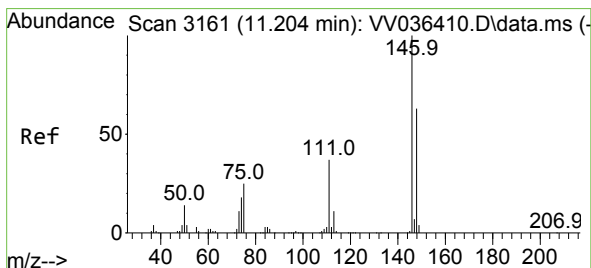
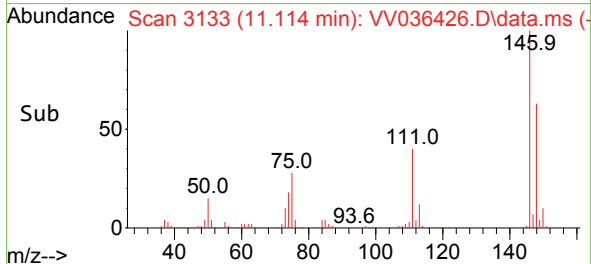
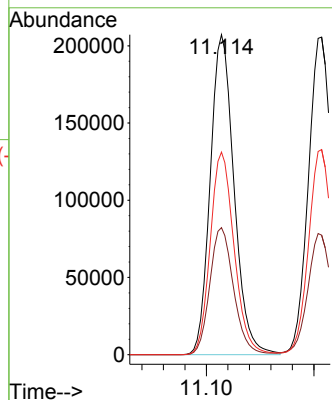
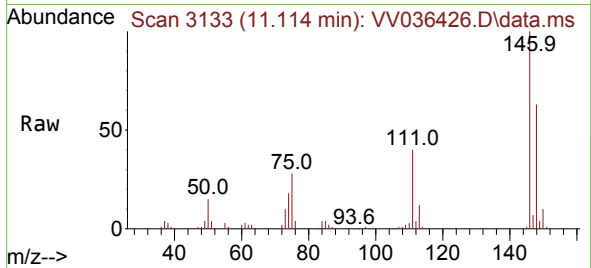




#64
1,3-Dichlorobenzene
Concen: 25.681 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

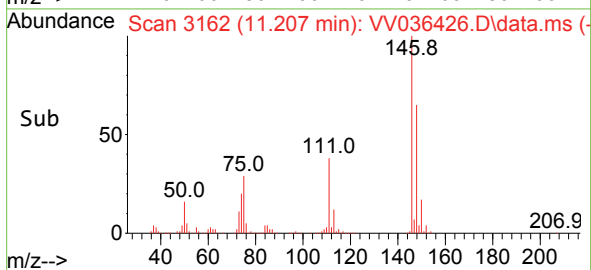
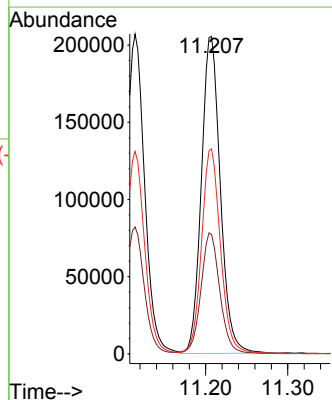
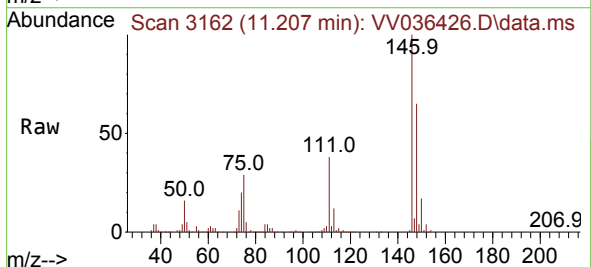
Instrument :
MSVOA_V
ClientSampleId :

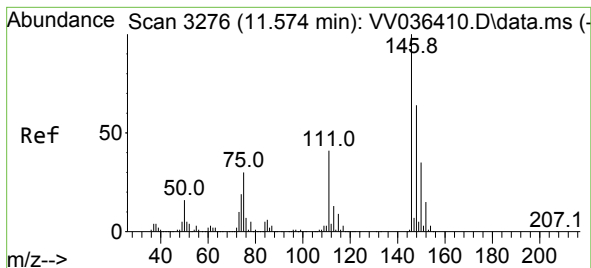
Tgt Ion:146 Resp: 318468
Ion Ratio Lower Upper
146 100
111 39.7 27.5 51.1
148 63.3 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 24.791 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

Tgt Ion:146 Resp: 329540
Ion Ratio Lower Upper
146 100
111 37.6 27.5 51.1
148 64.6 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 25.835 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV036426.D

Acq: 02 Jul 2024 16:56

Instrument :

MSVOA_V

ClientSampleId :

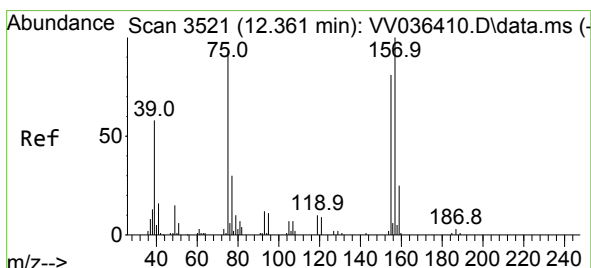
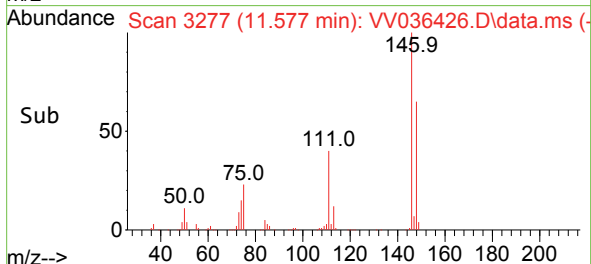
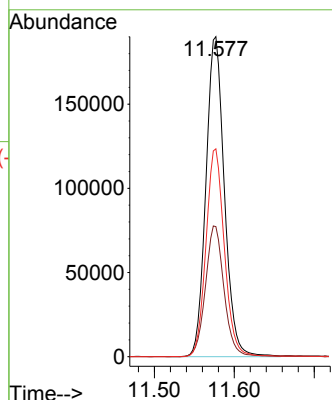
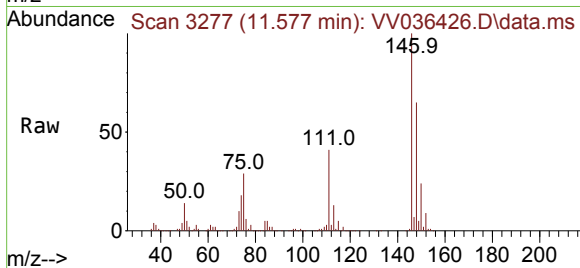
Tgt Ion:146 Resp: 305857

Ion Ratio Lower Upper

146 100

111 40.6 33.3 49.9

148 64.9 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 27.511 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV036426.D

Acq: 02 Jul 2024 16:56

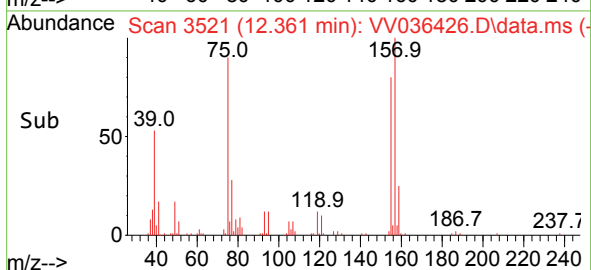
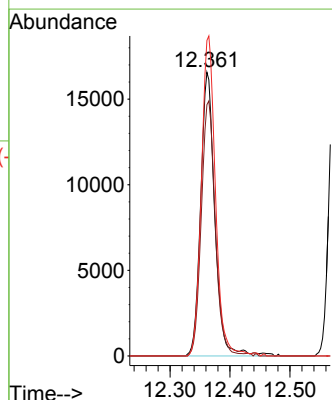
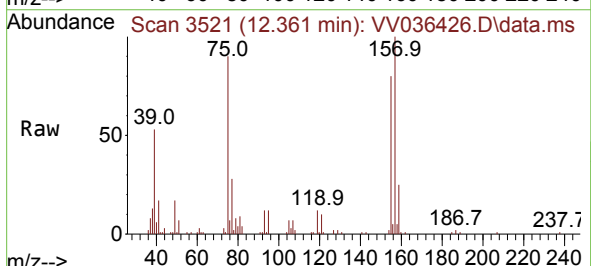
Tgt Ion: 75 Resp: 27422

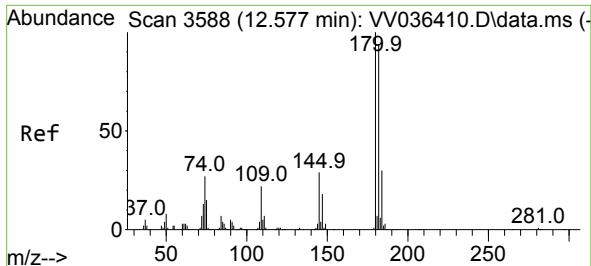
Ion Ratio Lower Upper

75 100

155 88.5 68.3 102.5

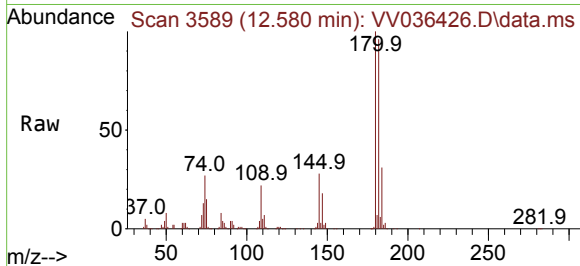
157 111.2 95.7 143.5



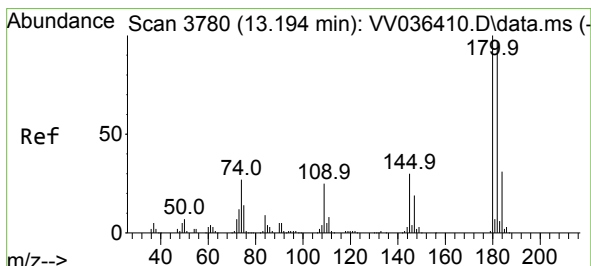
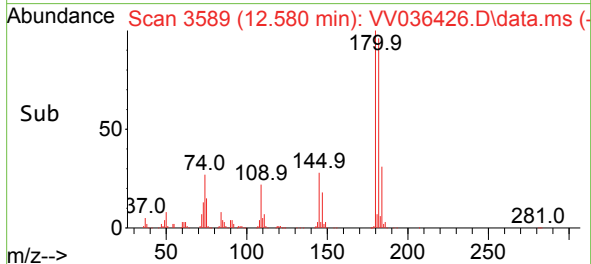
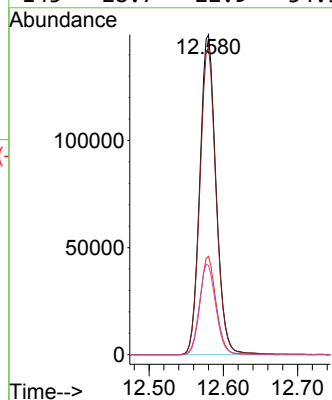


#69
 1,3,5-Trichlorobenzene
 Concen: 24.359 ug/L
 RT: 12.580 min Scan# 3589
 Delta R.T. 0.003 min
 Lab File: VV036426.D
 Acq: 02 Jul 2024 16:56

Instrument :
 MSVOA_V
 ClientSampleId :

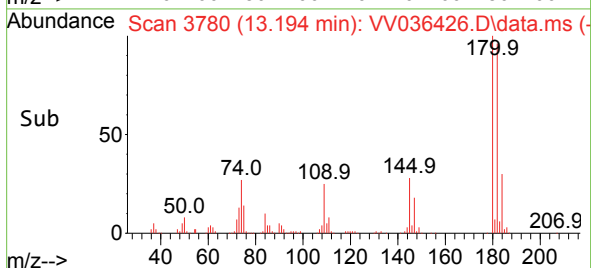
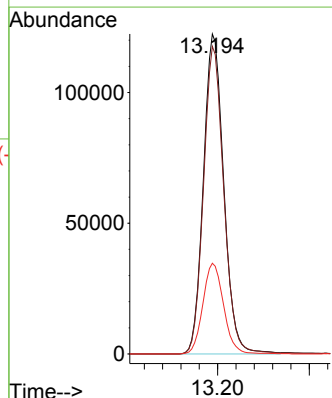
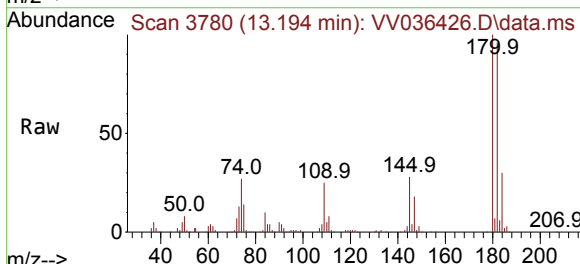


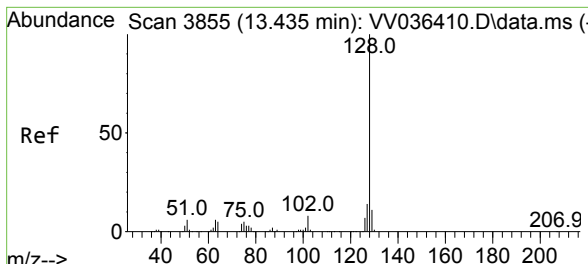
Tgt Ion:180 Resp: 227459
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.2 114.4
 184 30.1 23.3 34.9
 145 28.7 22.9 34.3



#70
 1,2,4-trichlorobenzene
 Concen: 25.333 ug/L
 RT: 13.194 min Scan# 3780
 Delta R.T. -0.000 min
 Lab File: VV036426.D
 Acq: 02 Jul 2024 16:56

Tgt Ion:180 Resp: 188641
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.1 114.1
 145 28.7 23.8 35.8

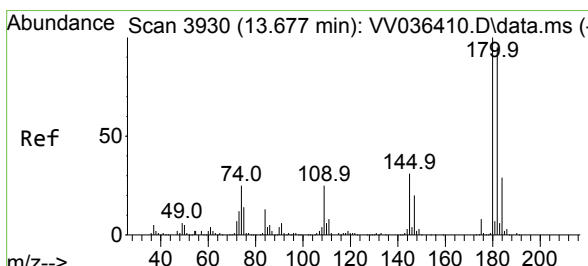
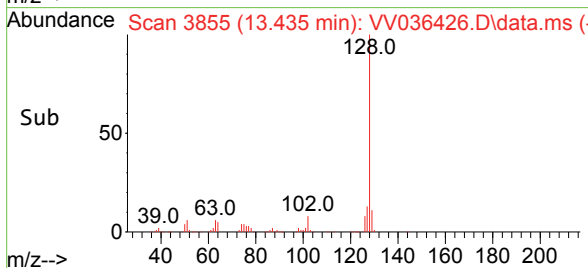
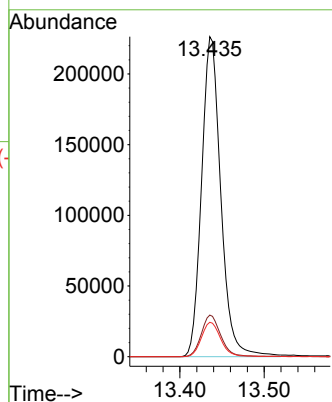
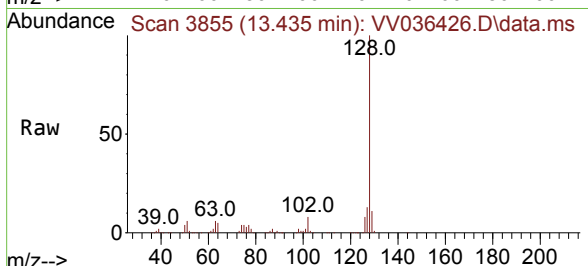




#71
Naphthalene
Concen: 27.089 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. -0.000 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128	Resp: 359651
Ion Ratio	Lower Upper
128	100
127	13.1 10.8 16.2
129	10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 26.838 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. -0.000 min
Lab File: VV036426.D
Acq: 02 Jul 2024 16:56

Tgt Ion:180	Resp: 187925
Ion Ratio	Lower Upper
180	100
182	95.4 76.7 115.1
145	30.9 25.0 37.4

