

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070524\
 Data File : VV036454.D
 Acq On : 05 Jul 2024 08:17
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 06 01:28:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 02:05:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	298256	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	311101	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	181227	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	100573	19.855	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.440%
7) Chloroethane-d5	1.529	69	88772	21.942	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.760%
11) 1,1-Dichloroethene-d2	2.053	65	49561	20.813	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.240%
21) 2-Butanone-d5	3.834	46	19722	16.776	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	33.560%
24) Chloroform-d	4.243	84	220151	25.006	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.040%
26) 1,2-Dichloroethane-d4	4.937	65	113192	24.109	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.440%
32) Benzene-d6	4.953	84	379095	21.586	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.360%
36) 1,2-Dichloropropane-d6	5.985	67	118668	22.465	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.840%
41) Toluene-d8	7.239	98	348858	22.032	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.120%
43) trans-1,3-Dichloroprop...	7.551	79	51090	21.658	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.640%
47) 2-Hexanone-d5	8.030	63	35908	42.585	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.180%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	108846	25.137	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.560%
66) 1,2-Dichlorobenzene-d4	11.558	152	145033	21.961	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	162794	28.728	ug/L	99
3) Chloromethane	1.211	50	132922	25.913	ug/L	100
5) Vinyl chloride	1.278	62	159676	26.957	ug/L	100
6) Bromomethane	1.484	94	114700	28.792	ug/L	99
8) Chloroethane	1.545	64	101719	27.863	ug/L	100
9) Trichlorofluoromethane	1.709	101	250282	29.586	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	161651	30.464	ug/L	97
12) 1,1-Dichloroethene	2.063	96	141244	30.065	ug/L	82
13) Acetone	2.384	43	48331	30.430	ug/L	100
14) Carbon disulfide	2.233	76	387997	26.177	ug/L	100
15) Methyl Acetate	2.384	43	50244	24.583	ug/L	94
16) Methylene chloride	2.442	84	148955	25.368	ug/L	95
17) trans-1,2-Dichloroethene	2.687	96	130700	28.020	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	282909	26.055	ug/L	100
19) 1,1-Dichloroethane	3.104	63	232678	28.055	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	128666	27.426	ug/L	95
22) 2-Butanone	3.912	43	53661	40.069	ug/L	82
23) Bromochloromethane	4.140	128	72202	29.515	ug/L	93
25) Chloroform	4.268	83	257960	29.162	ug/L	98

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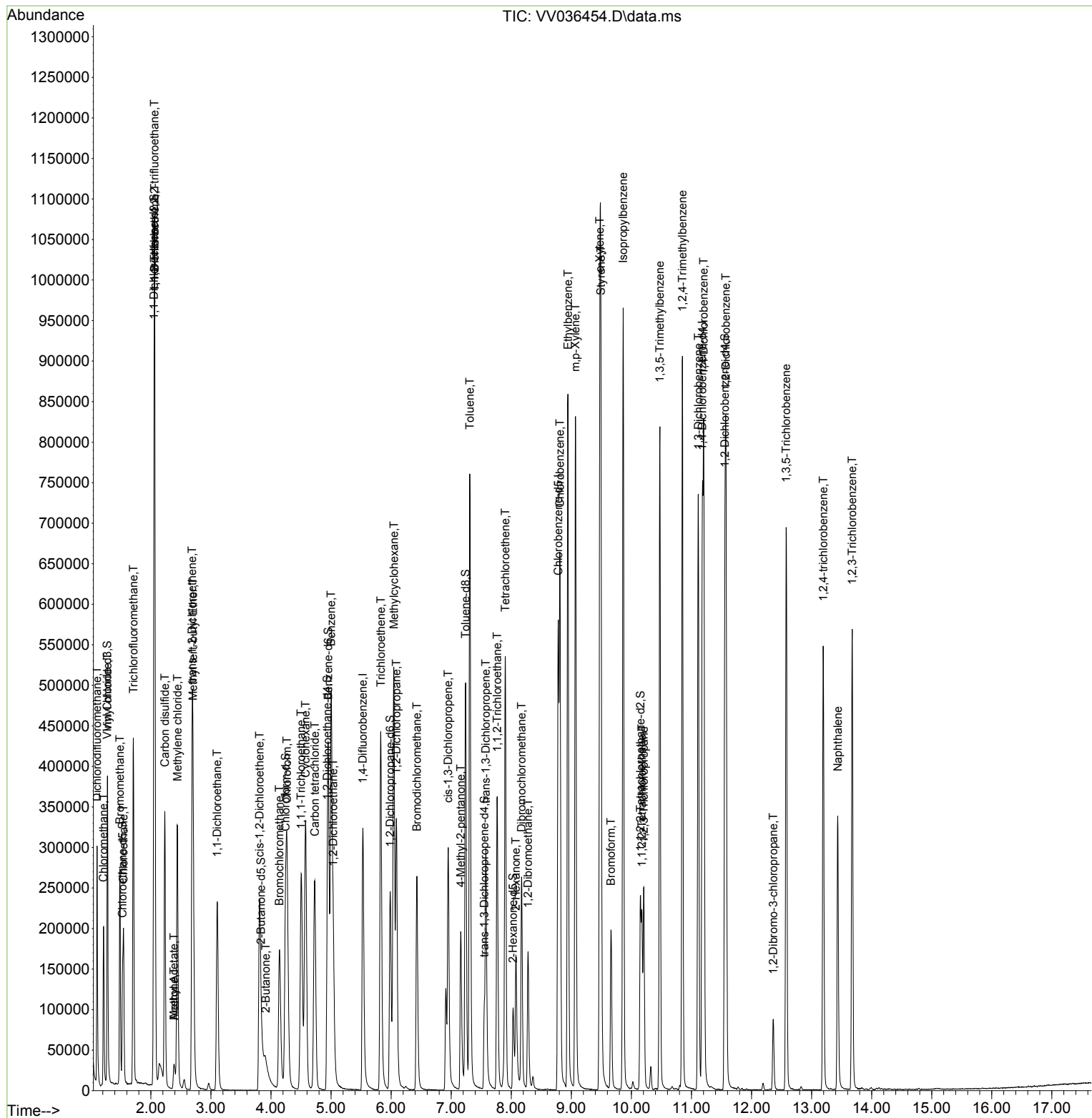
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	161053	28.118	ug/L	98
29) Cyclohexane	4.577	56	162713	24.550	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	226914	29.417	ug/L	99
31) Carbon tetrachloride	4.728	117	202497	29.463	ug/L	99
33) Benzene	5.002	78	515556	27.979	ug/L	100
34) Trichloroethene	5.828	95	155640	26.767	ug/L	95
35) Methylcyclohexane	6.047	83	214697	26.495	ug/L	99
37) 1,2-Dichloropropane	6.088	63	134017	28.478	ug/L	99
38) Bromodichloromethane	6.429	83	182860	28.410	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	191112	26.410	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	130983	49.353	ug/L	97
42) Toluene	7.310	91	564167	29.282	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	177444	27.263	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	117027	28.135	ug/L	98
46) Tetrachloroethene	7.902	164	124566	29.477	ug/L	96
48) 2-Hexanone	8.079	43	105436	50.506	ug/L	98
49) Dibromochloromethane	8.172	129	136252	29.384	ug/L	99
50) 1,2-Dibromoethane	8.278	107	114426	27.924	ug/L	98
51) Chlorobenzene	8.808	112	365509	27.753	ug/L	97
52) Ethylbenzene	8.943	91	585763	28.172	ug/L	99
53) m,p-Xylene	9.069	106	234546	30.267	ug/L	96
54) o-Xylene	9.474	106	214133	29.385	ug/L	97
55) Styrene	9.493	104	401979	31.475	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	103610	27.831	ug/L	98
59) Bromoform	9.661	173	91466	26.662	ug/L	99
60) Isopropylbenzene	9.863	105	588021	26.842	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	98954	24.195	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	415003	26.471	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	463246	27.191	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	311684	27.304	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	325473	26.599	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	289277	26.545	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	22475	24.495	ug/L	93
69) 1,3,5-Trichlorobenzene	12.577	180	225475	26.232	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	173309	25.284	ug/L	99
71) Naphthalene	13.435	128	274754	22.481	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	171635	26.628	ug/L	99

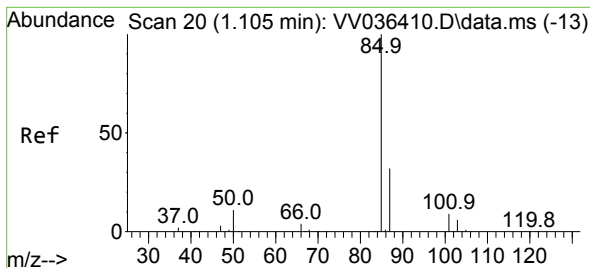
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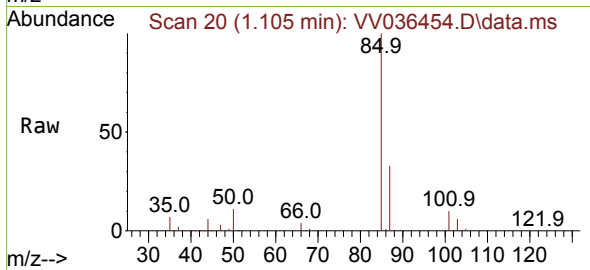
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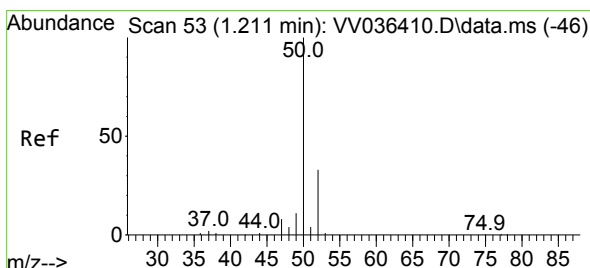
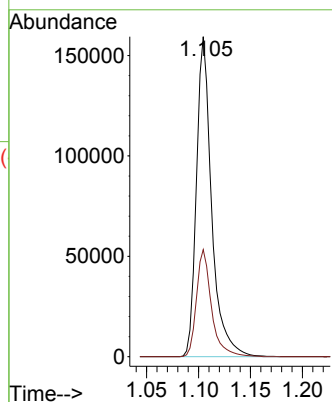
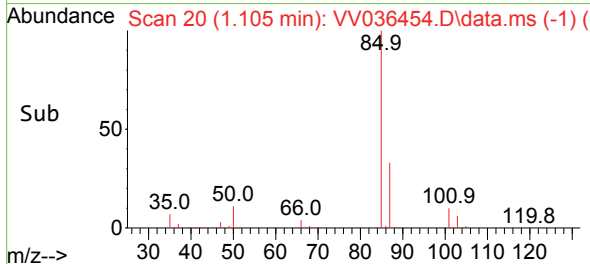


#2
 Dichlorodifluoromethane
 Concen: 28.728 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VV036454.D
 Acq: 05 Jul 2024 08:17

Instrument :
 MSVOA_V
 ClientSampleId :

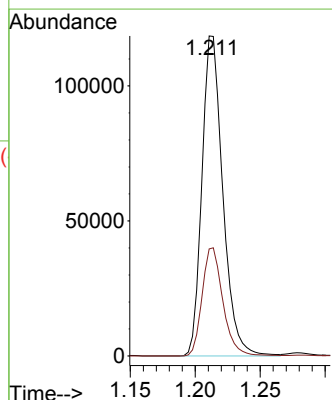
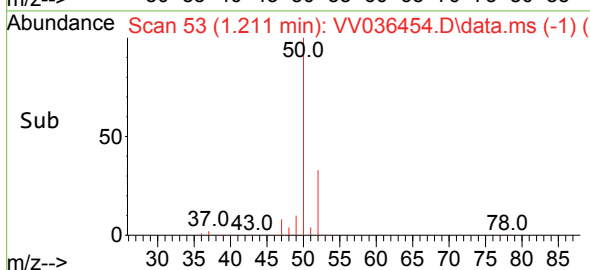
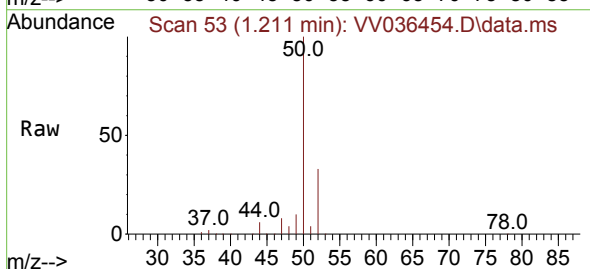


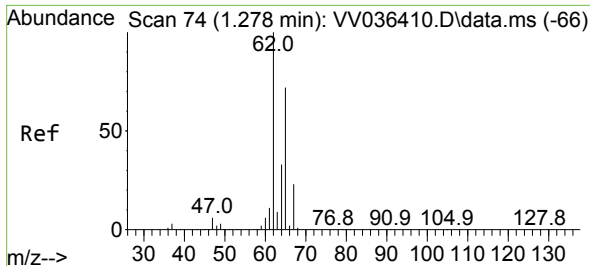
Tgt Ion: 85 Resp: 162794
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.9 38.9



#3
 Chloromethane
 Concen: 25.913 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV036454.D
 Acq: 05 Jul 2024 08:17

Tgt Ion: 50 Resp: 132922
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.5 43.7



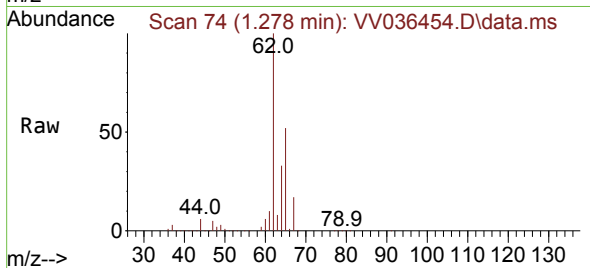


#5
 Vinyl chloride
 Concen: 26.957 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV036454.D
 Acq: 05 Jul 2024 08:17

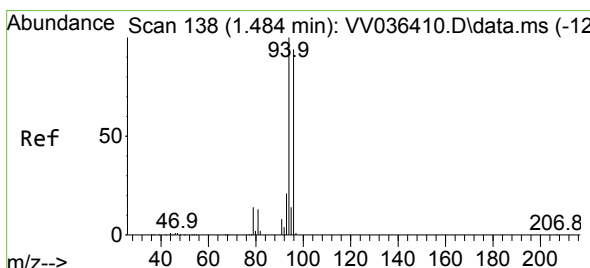
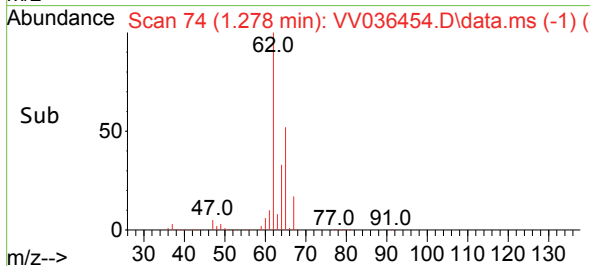
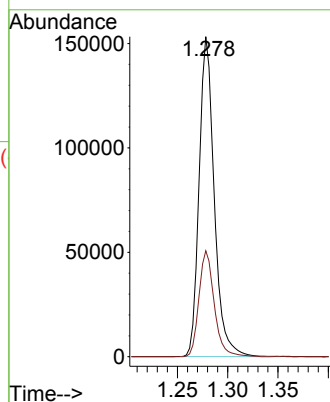
Instrument :

MSVOA_V

ClientSampleId :

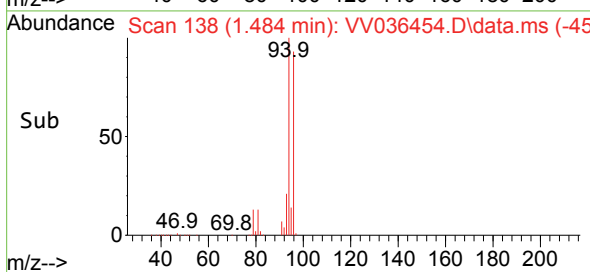
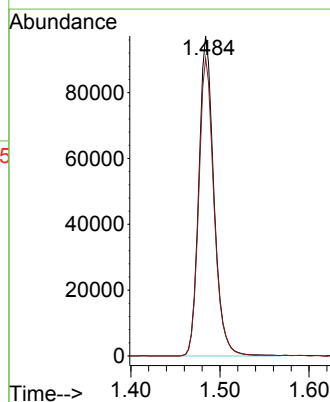
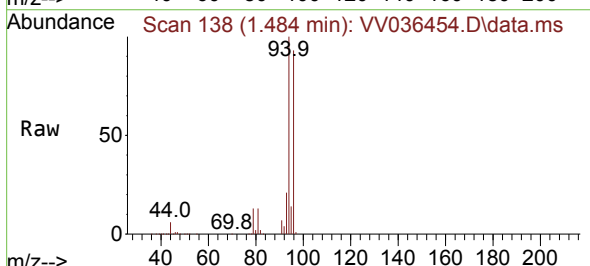


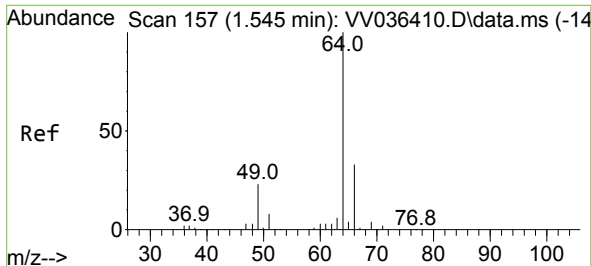
Tgt Ion: 62 Resp: 159676
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.4 43.4



#6
 Bromomethane
 Concen: 28.792 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV036454.D
 Acq: 05 Jul 2024 08:17

Tgt Ion: 94 Resp: 114700
 Ion Ratio Lower Upper
 94 100
 96 93.1 66.1 122.7

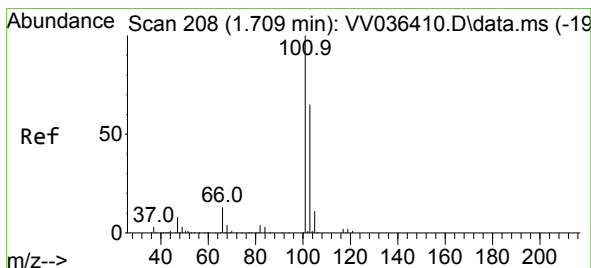
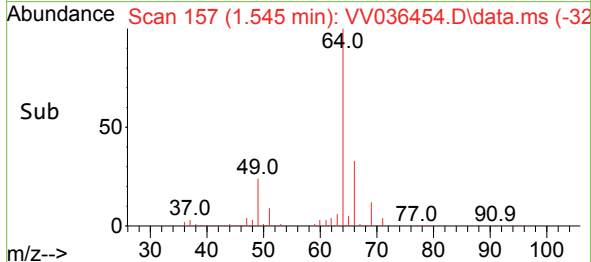
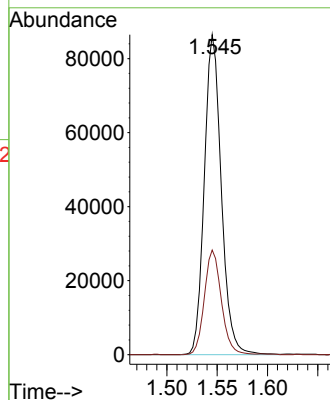
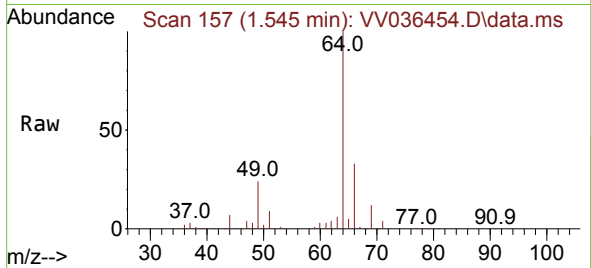




#8
Chloroethane
Concen: 27.863 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

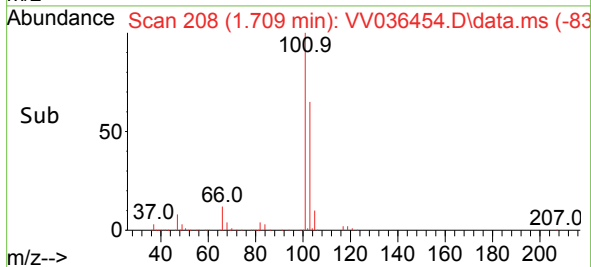
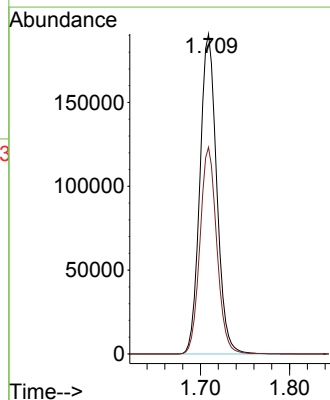
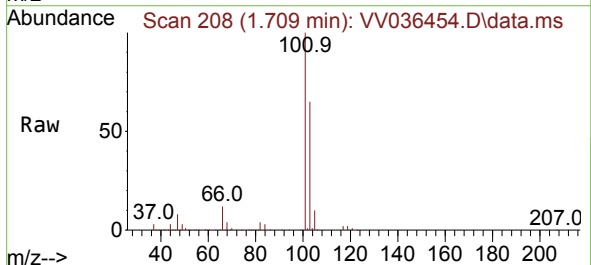
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MSVOA_V
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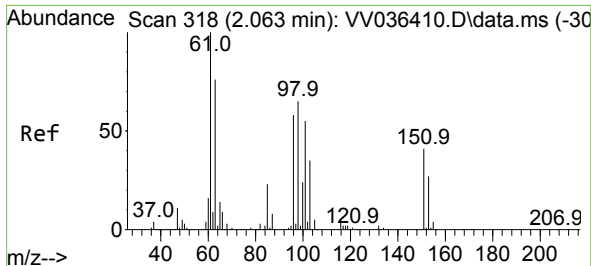
Tgt Ion: 64 Resp: 101719
Ion Ratio Lower Upper
64 100
66 32.7 23.0 42.6



#9
Trichlorofluoromethane
Concen: 29.586 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.003 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

Tgt Ion:101 Resp: 250282
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

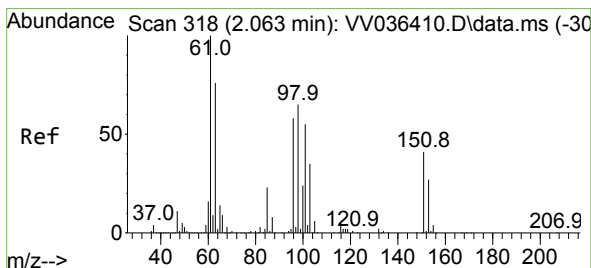
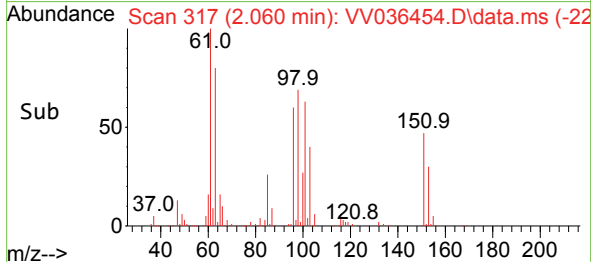
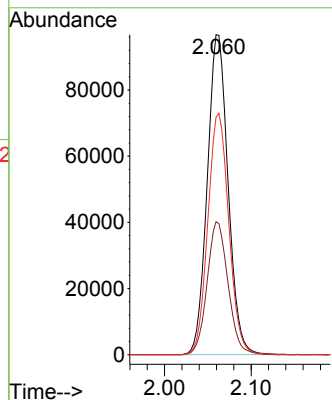
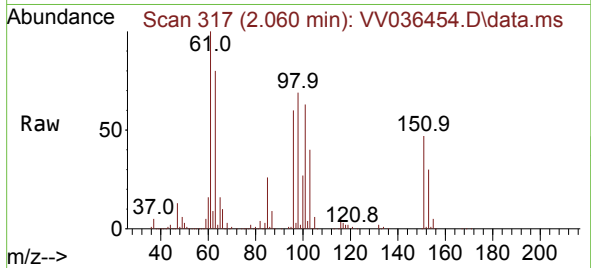




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 30.464 ug/L
RT: 2.060 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

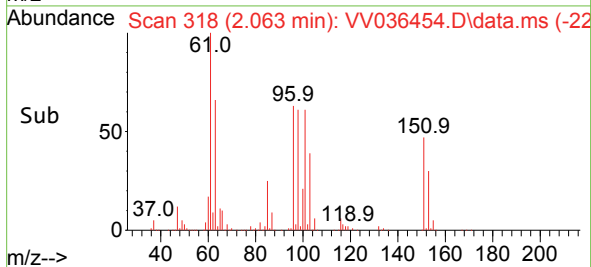
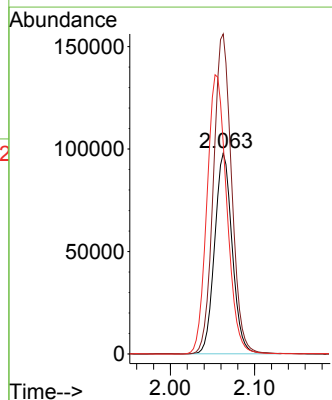
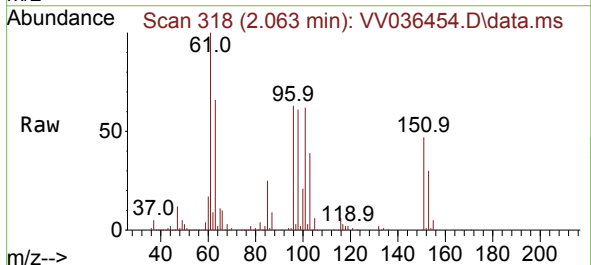
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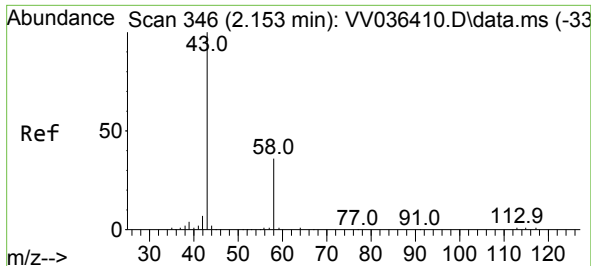
Tgt Ion:101 Resp: 161651
Ion Ratio Lower Upper
101 100
85 41.7 34.6 51.8
151 76.1 58.9 88.3



#12
1,1-Dichloroethene
Concen: 30.065 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.003 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

Tgt Ion: 96 Resp: 141244
Ion Ratio Lower Upper
96 100
61 159.4 122.6 227.8
63 104.8 96.1 178.5





#13

Acetone

Concen: 30.430 ug/L

RT: 2.384 min Scan# 418

Delta R.T. 0.219 min

Lab File: VV036454.D

Acq: 05 Jul 2024 08:17

Instrument :

MSVOA_V

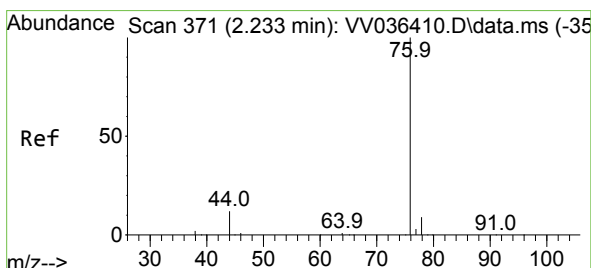
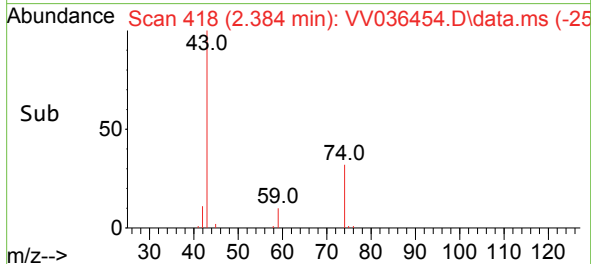
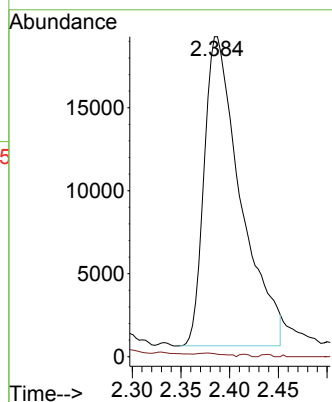
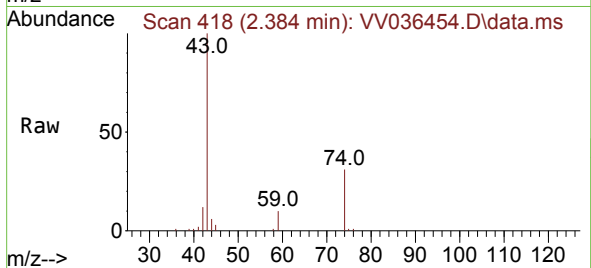
ClientSampleId :

Tgt Ion: 43 Resp: 48331

Ion Ratio Lower Upper

43 100

58 0.4 0.0 0.6



#14

Carbon disulfide

Concen: 26.177 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

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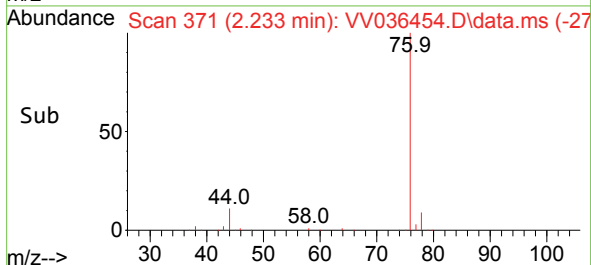
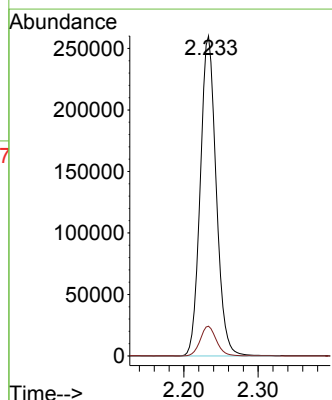
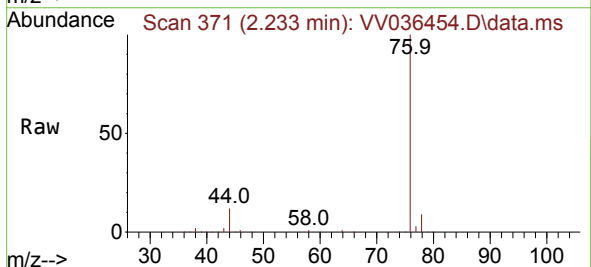
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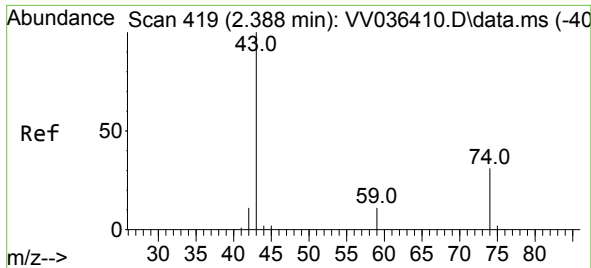
Tgt Ion: 76 Resp: 387997

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

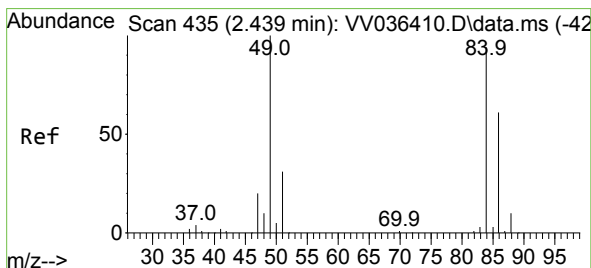
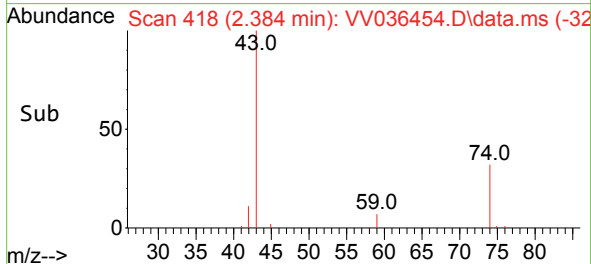
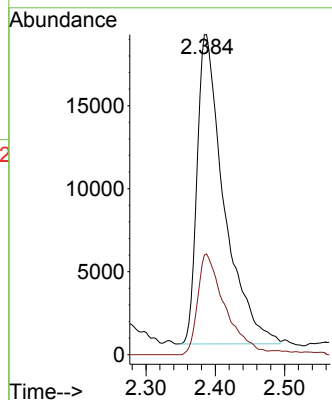
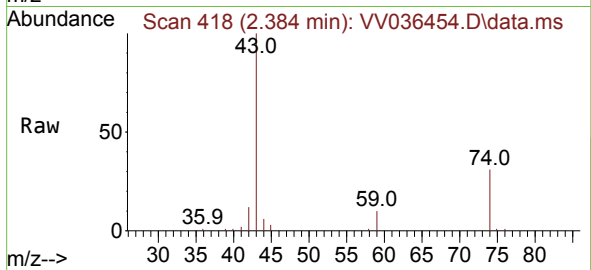




#15
Methyl Acetate
Concen: 24.583 ug/L
RT: 2.384 min Scan# 419
Delta R.T. 0.000 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

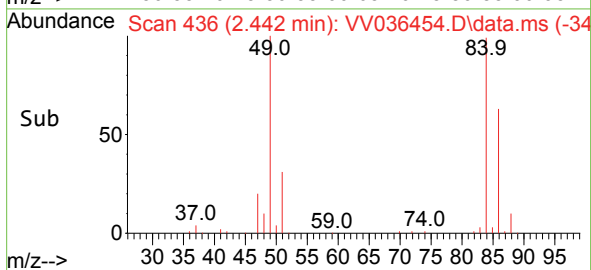
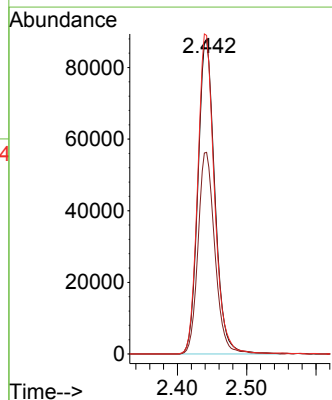
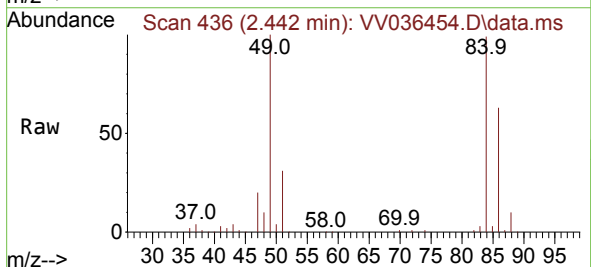
Instrument :
MSVOA_V
ClientSampleId :

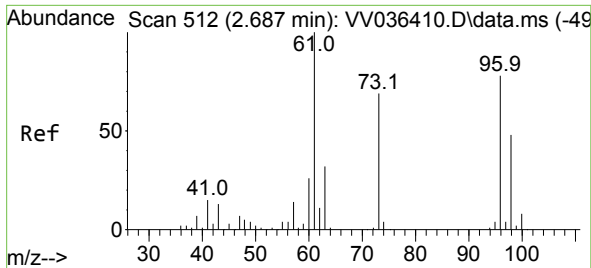
Tgt Ion: 43 Resp: 50244
Ion Ratio Lower Upper
43 100
74 33.1 23.8 35.6



#16
Methylene chloride
Concen: 25.368 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

Tgt Ion: 84 Resp: 148955
Ion Ratio Lower Upper
84 100
86 64.1 45.6 84.8
49 101.2 75.7 140.5

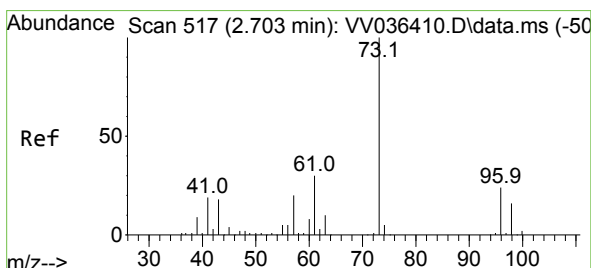
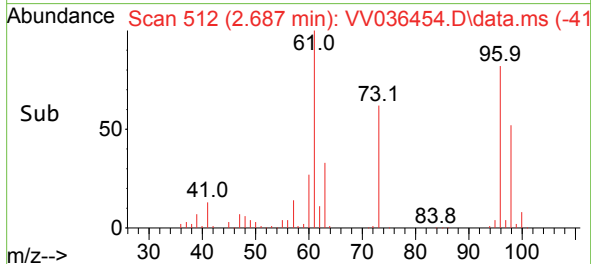
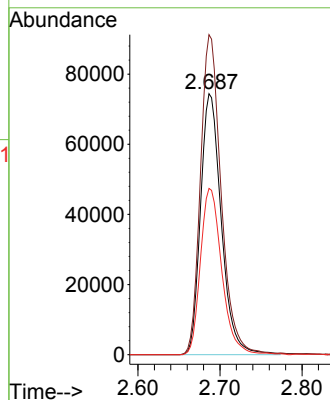
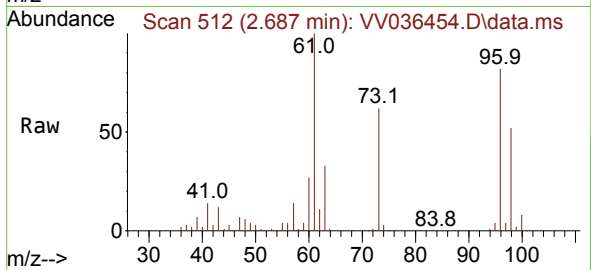




#17
trans-1,2-Dichloroethene
Concen: 28.020 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

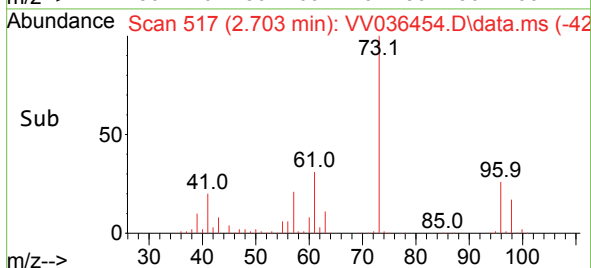
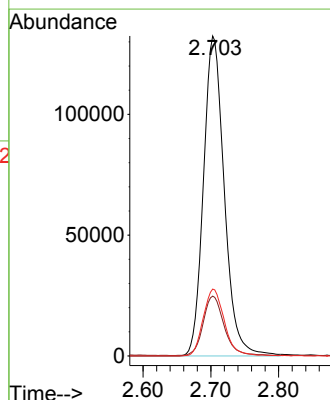
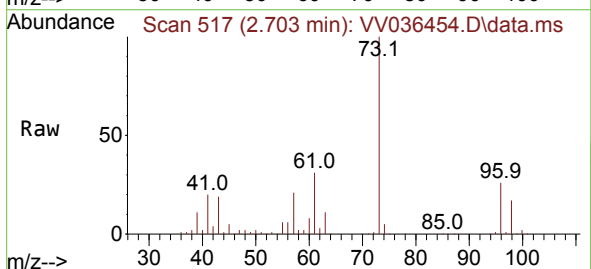
Instrument :
MSVOA_V
ClientSampleId :

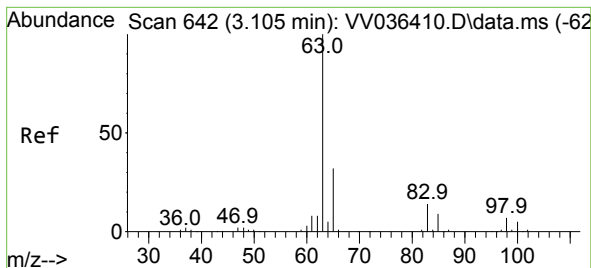
Tgt Ion: 96 Resp: 130700
Ion Ratio Lower Upper
96 100
61 122.6 89.8 166.8
98 63.7 45.3 84.1



#18
Methyl tert-butyl Ether
Concen: 26.055 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

Tgt Ion: 73 Resp: 282909
Ion Ratio Lower Upper
73 100
43 18.2 14.7 22.1
57 21.1 17.0 25.6





#19

1,1-Dichloroethane

Concen: 28.055 ug/L

RT: 3.104 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV036454.D

Acq: 05 Jul 2024 08:17

Instrument :

MSVOA_V

ClientSampleId :

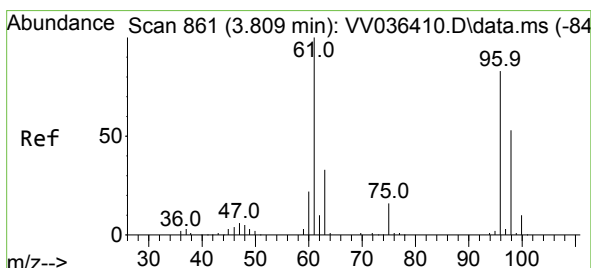
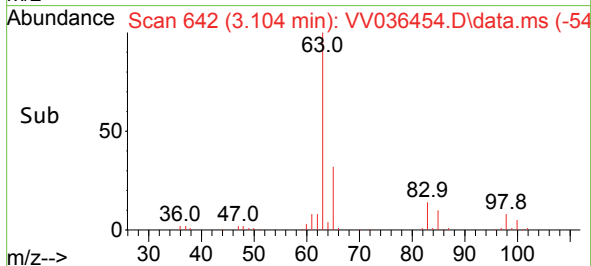
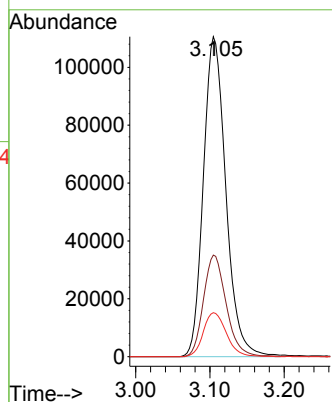
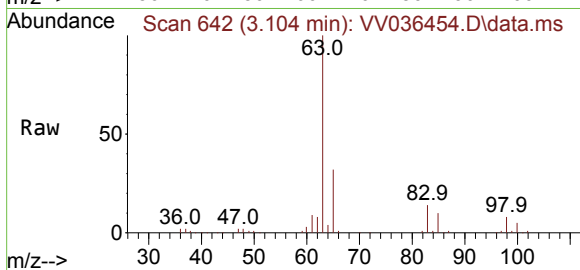
Tgt Ion: 63 Resp: 232678

Ion Ratio Lower Upper

63 100

65 31.8 22.1 41.1

83 13.7 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 27.426 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV036454.D

Acq: 05 Jul 2024 08:17

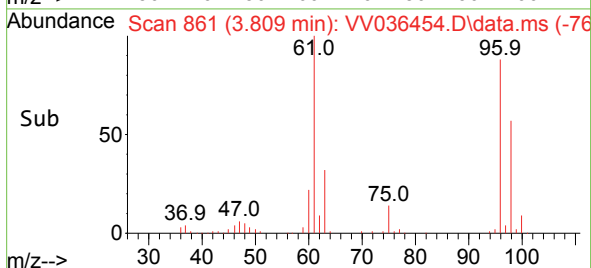
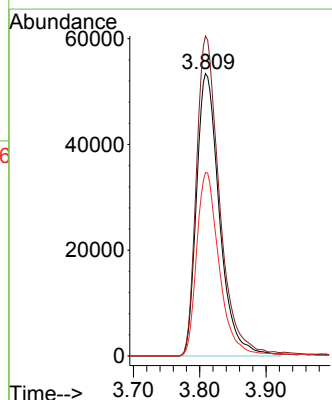
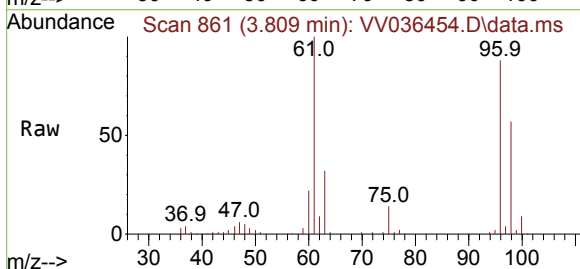
Tgt Ion: 96 Resp: 128666

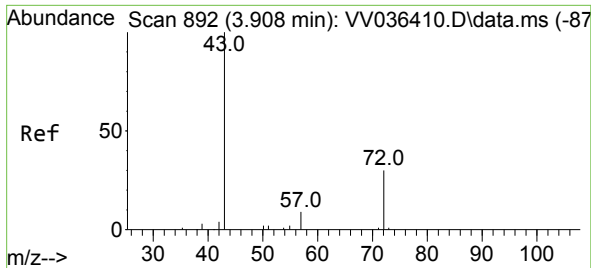
Ion Ratio Lower Upper

96 100

61 113.3 83.7 155.5

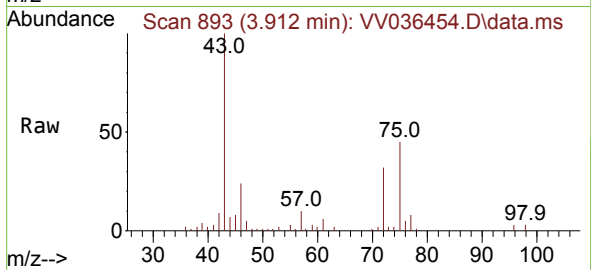
98 65.0 44.2 82.0



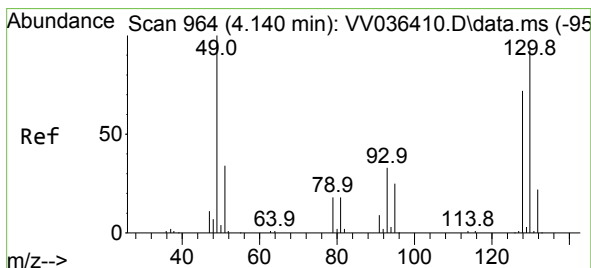
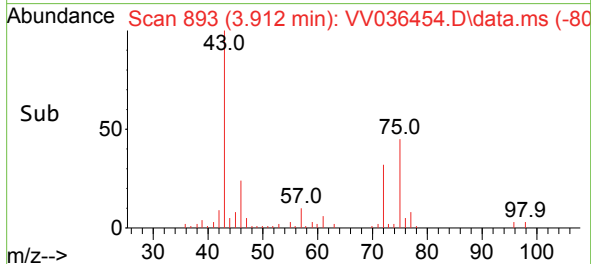
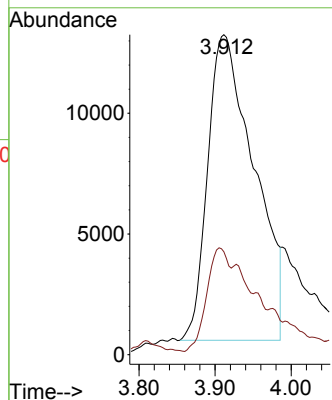


#22
2-Butanone
Concen: 40.069 ug/L
RT: 3.912 min Scan# 892
Delta R.T. 0.000 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

Instrument :
MSVOA_V
ClientSampleId :

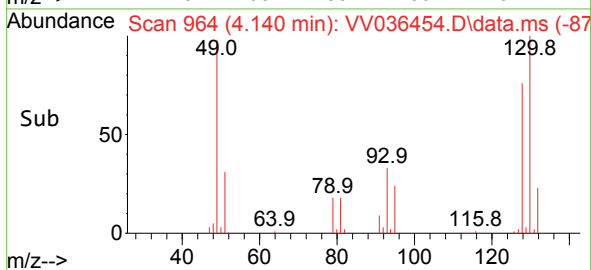
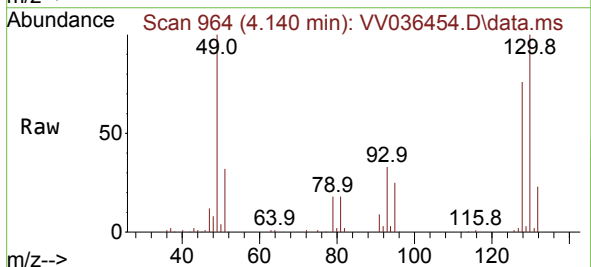
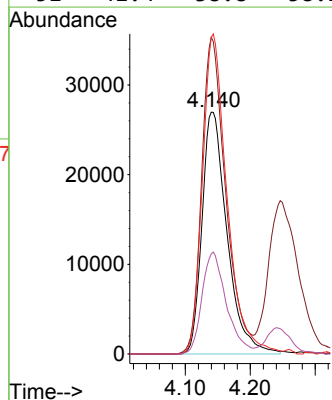


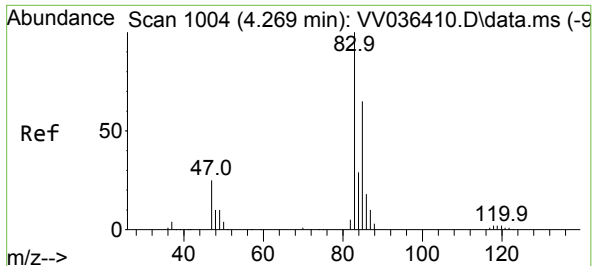
Tgt Ion: 43 Resp: 53661
Ion Ratio Lower Upper
43 100
72 16.6 12.9 38.7



#23
Bromochloromethane
Concen: 29.515 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.003 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

Tgt Ion: 128 Resp: 72202
Ion Ratio Lower Upper
128 100
49 131.0 99.2 184.2
130 130.9 88.9 165.1
51 41.4 38.8 58.2

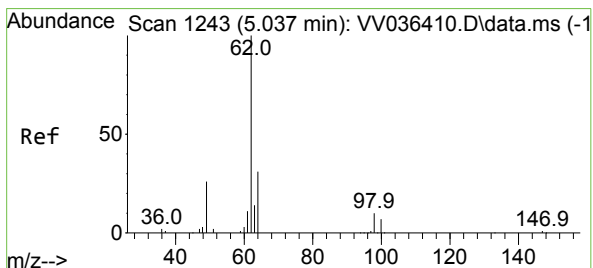
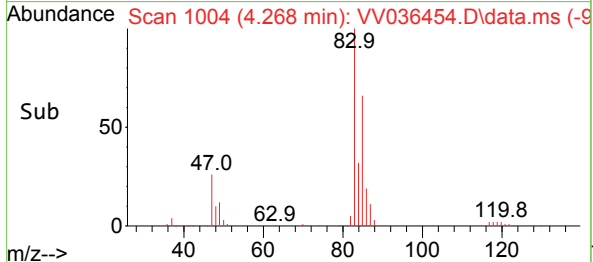
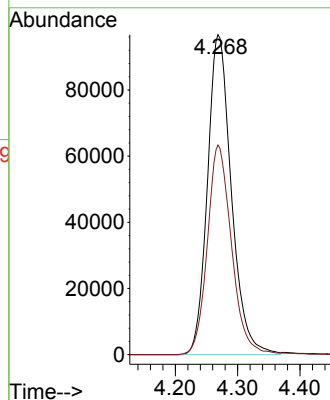
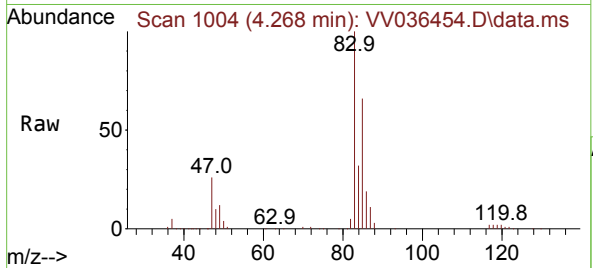




#25
Chloroform
Concen: 29.162 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

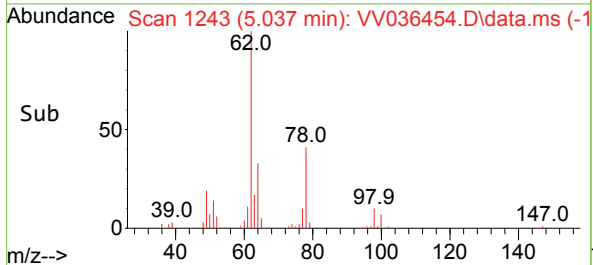
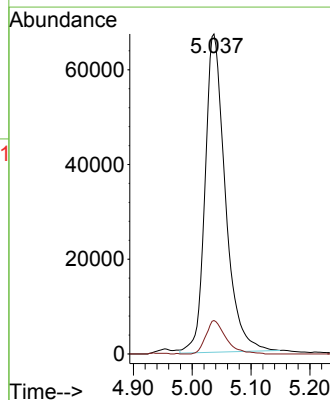
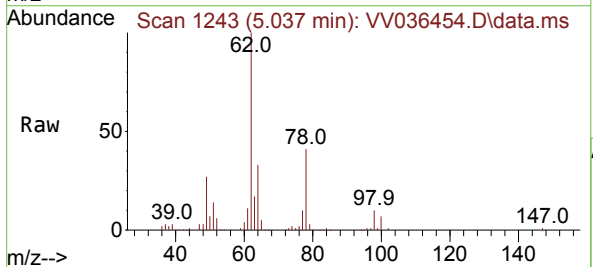
Instrument :
MSVOA_V
ClientSampleId :

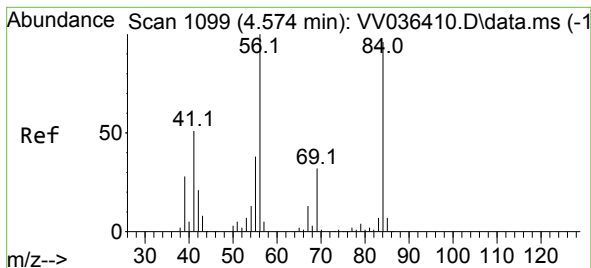
Tgt Ion: 83 Resp: 257960
Ion Ratio Lower Upper
83 100
85 65.5 45.0 83.6



#27
1,2-Dichloroethane
Concen: 28.118 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

Tgt Ion: 62 Resp: 161053
Ion Ratio Lower Upper
62 100
98 10.5 7.8 11.8





#29

Cyclohexane

Concen: 24.550 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.003 min

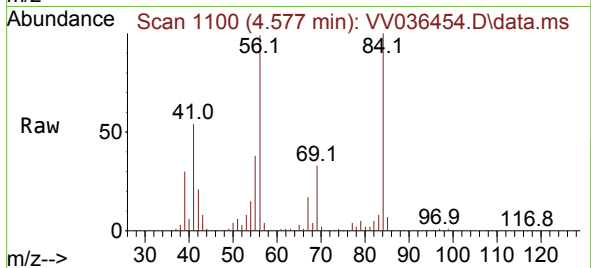
Lab File: VV036454.D

Acq: 05 Jul 2024 08:17

Instrument :

MSVOA_V

ClientSampleId :



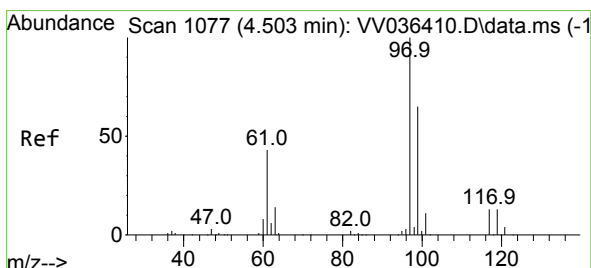
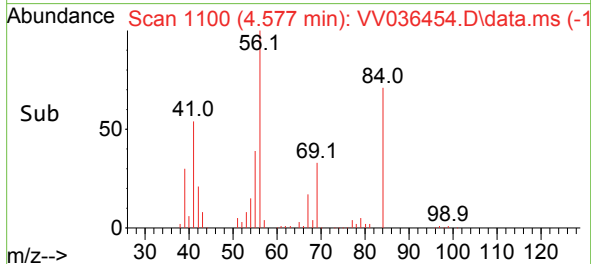
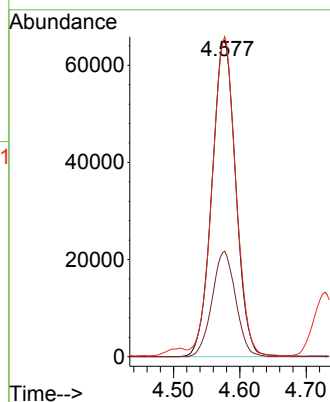
Tgt Ion: 56 Resp: 162713

Ion Ratio Lower Upper

56 100

69 33.0 26.0 39.0

84 99.2 77.4 116.0



#30

1,1,1-Trichloroethane

Concen: 29.417 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV036454.D

Acq: 05 Jul 2024 08:17

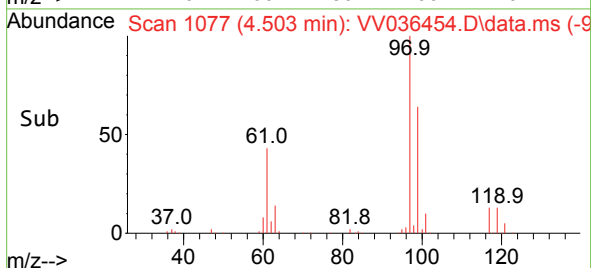
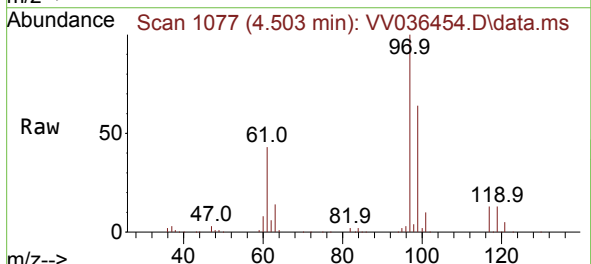
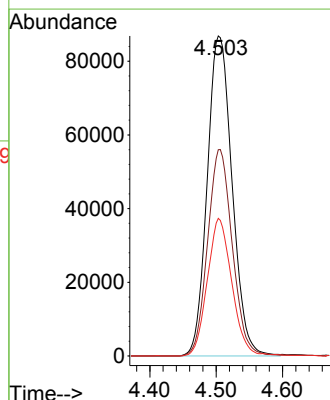
Tgt Ion: 97 Resp: 226914

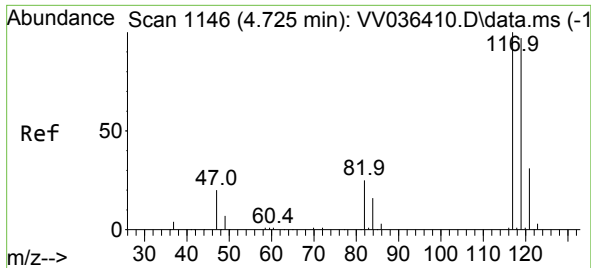
Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.0

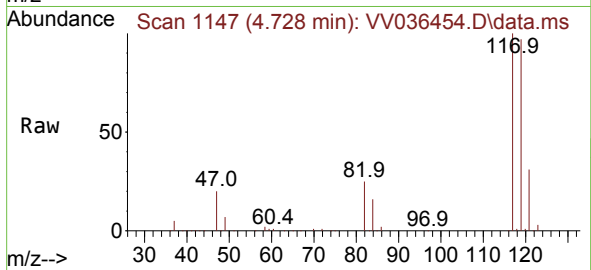
61 41.9 34.8 52.2



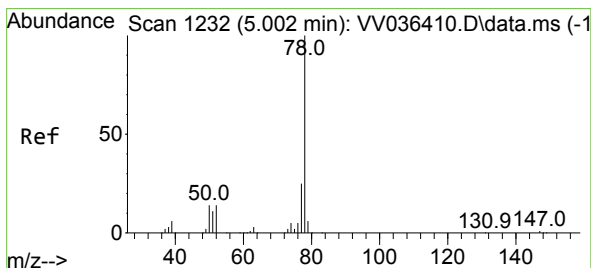
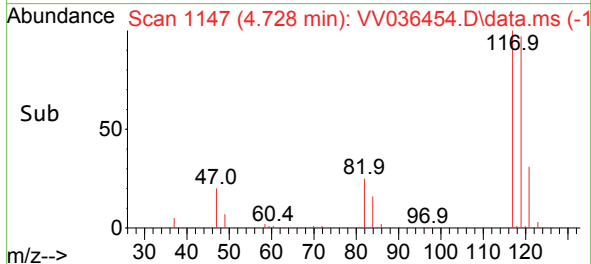
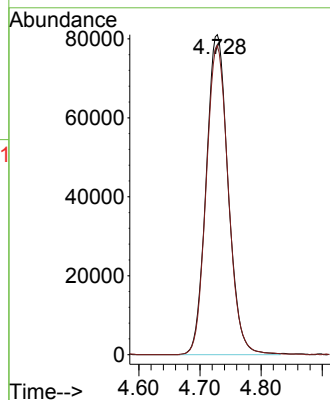


#31
Carbon tetrachloride
Concen: 29.463 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

Instrument :
MSVOA_V
ClientSampleId :

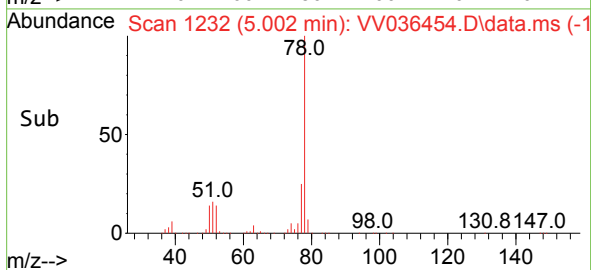
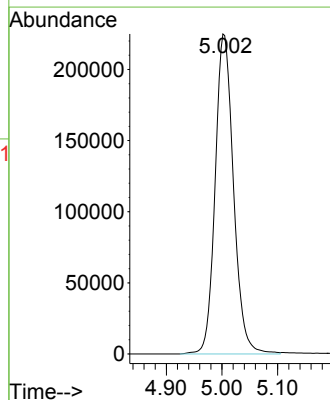
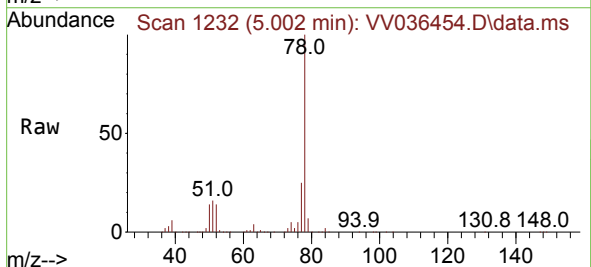


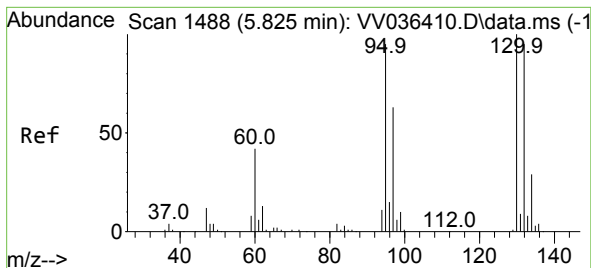
Tgt Ion:117 Resp: 202497
Ion Ratio Lower Upper
117 100
119 97.0 77.2 115.8



#33
Benzene
Concen: 27.979 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

Tgt Ion: 78 Resp: 515556





#34

Trichloroethene

Concen: 26.767 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV036454.D

Acq: 05 Jul 2024 08:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 155640

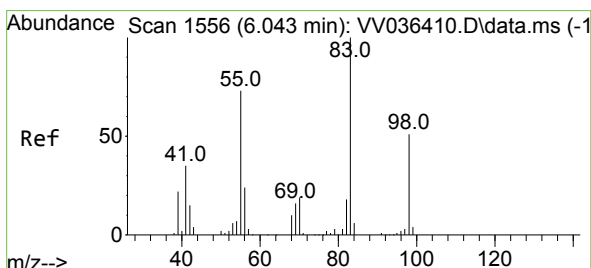
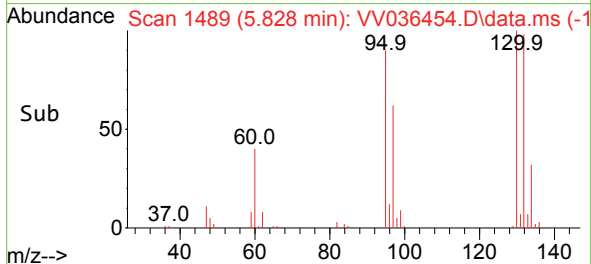
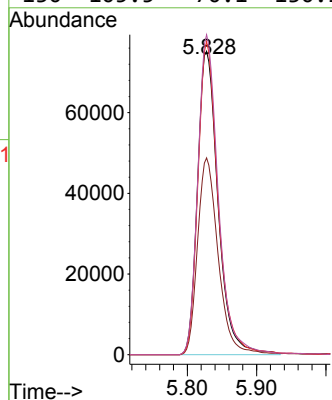
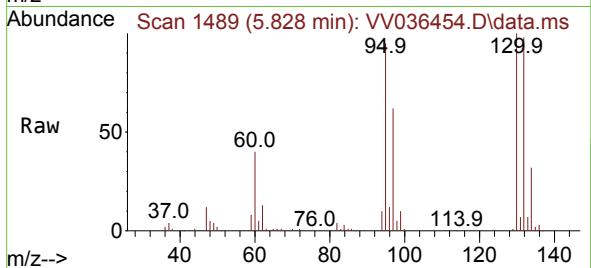
Ion Ratio Lower Upper

95 100

97 64.9 45.1 83.7

132 103.1 67.7 125.7

130 105.5 70.1 130.1



#35

Methylcyclohexane

Concen: 26.495 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.003 min

Lab File: VV036454.D

Acq: 05 Jul 2024 08:17

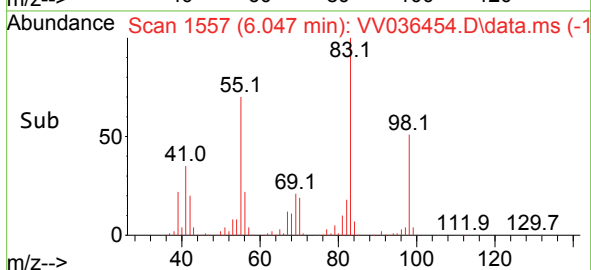
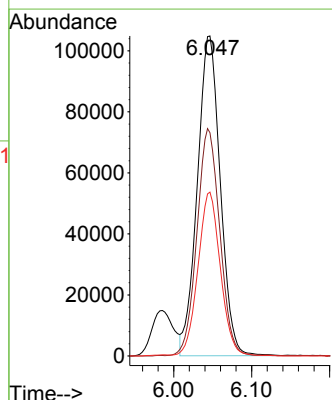
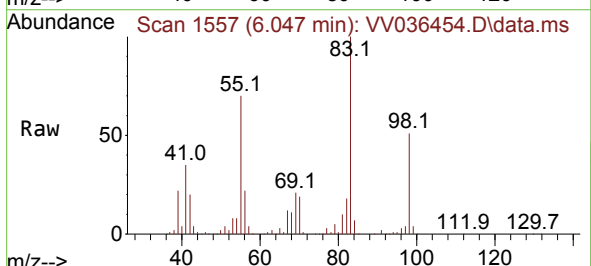
Tgt Ion: 83 Resp: 214697

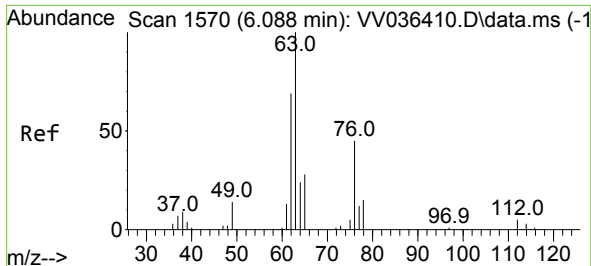
Ion Ratio Lower Upper

83 100

55 70.7 56.0 84.0

98 49.8 39.0 58.6





#37

1,2-Dichloropropane

Concen: 28.478 ug/L

RT: 6.088 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036454.D

Acq: 05 Jul 2024 08:17

Instrument :

MSVOA_V

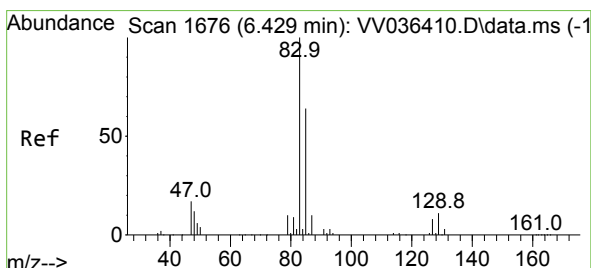
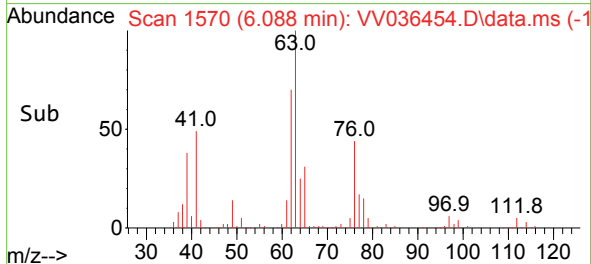
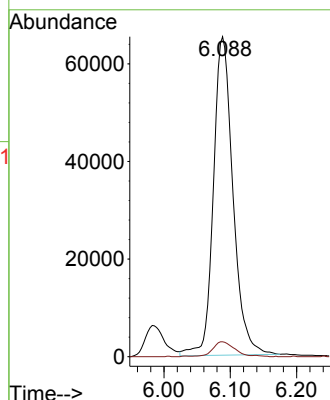
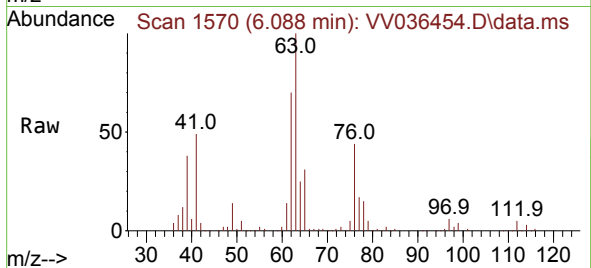
ClientSampleId :

Tgt Ion: 63 Resp: 134017

Ion Ratio Lower Upper

63 100

112 4.7 3.4 5.2



#38

Bromodichloromethane

Concen: 28.410 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.003 min

Lab File: VV036454.D

Acq: 05 Jul 2024 08:17

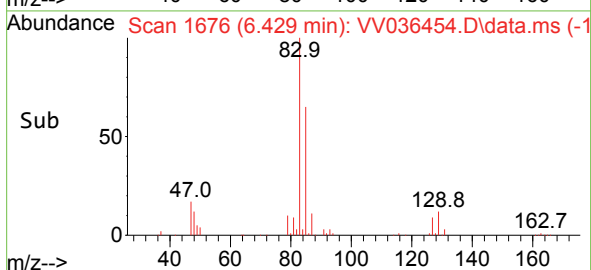
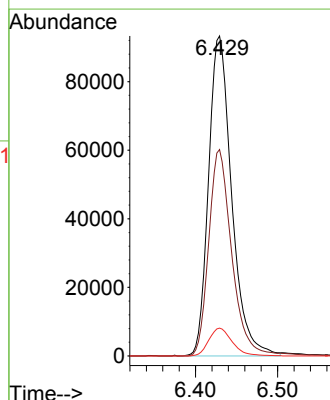
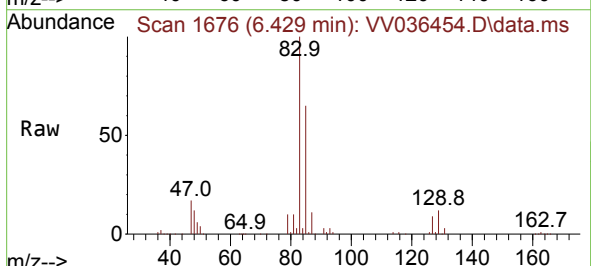
Tgt Ion: 83 Resp: 182860

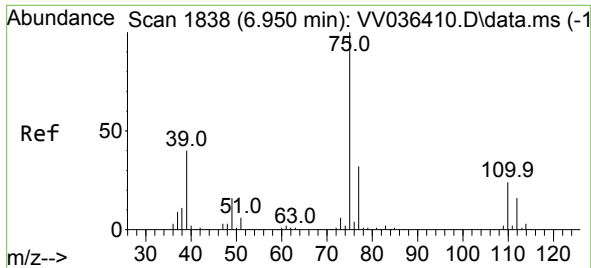
Ion Ratio Lower Upper

83 100

85 64.5 44.9 83.5

127 8.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 26.410 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV036454.D

Acq: 05 Jul 2024 08:17

Instrument :

MSVOA_V

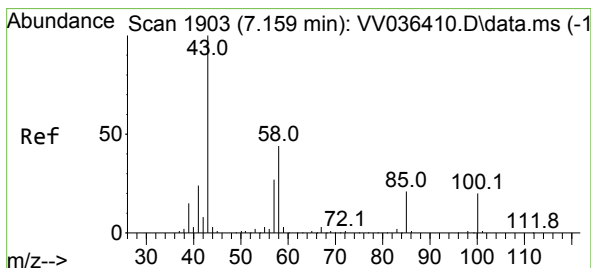
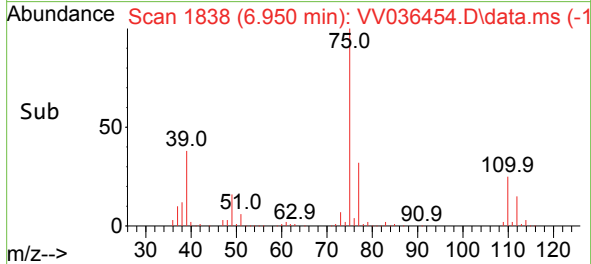
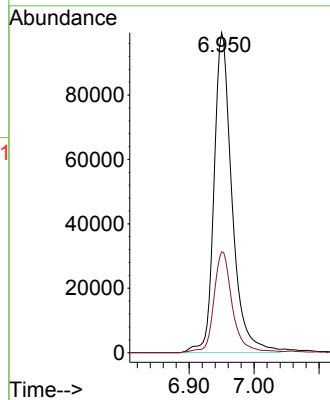
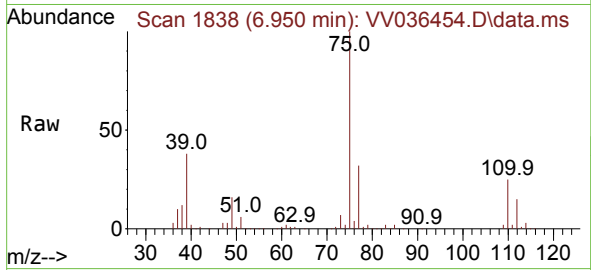
ClientSampleId :

Tgt Ion: 75 Resp: 191112

Ion Ratio Lower Upper

75 100

77 31.5 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 49.353 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.003 min

Lab File: VV036454.D

Acq: 05 Jul 2024 08:17

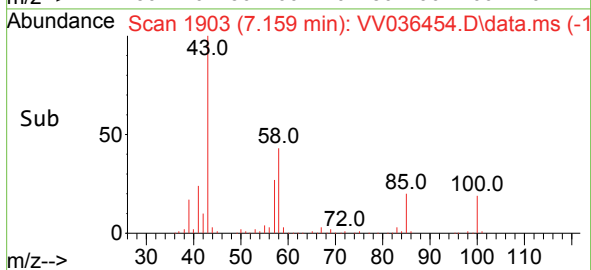
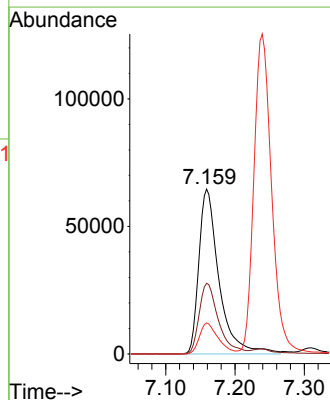
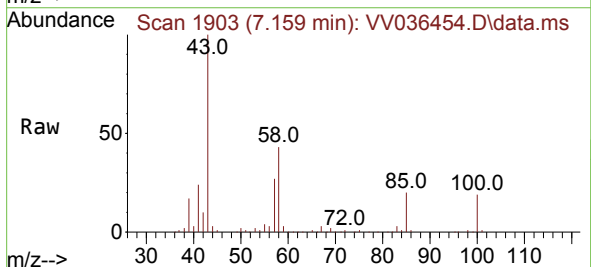
Tgt Ion: 43 Resp: 130983

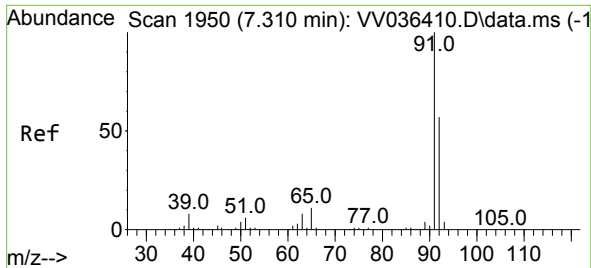
Ion Ratio Lower Upper

43 100

58 41.1 34.8 52.2

100 17.5 14.6 21.8





#42

Toluene

Concen: 29.282 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036454.D

Acq: 05 Jul 2024 08:17

Instrument :

MSVOA_V

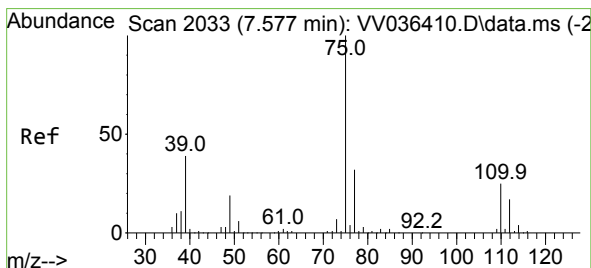
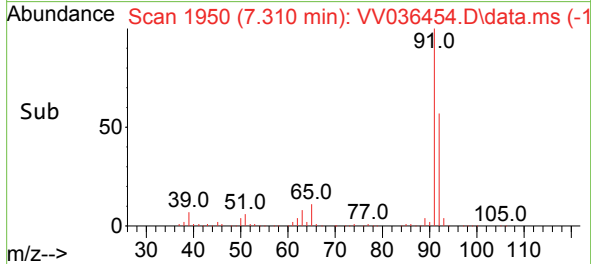
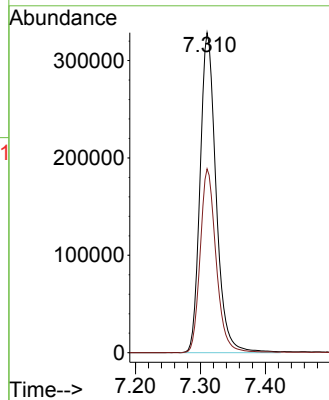
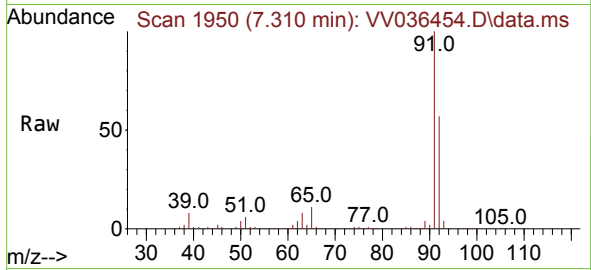
ClientSampleId :

Tgt Ion: 91 Resp: 564167

Ion Ratio Lower Upper

91 100

92 57.4 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 27.263 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036454.D

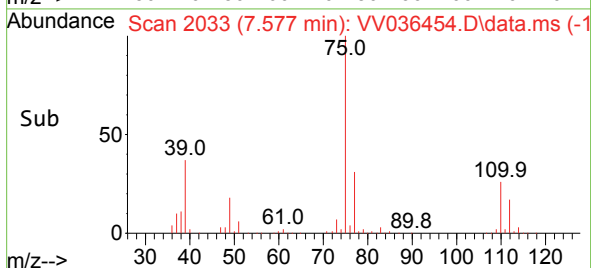
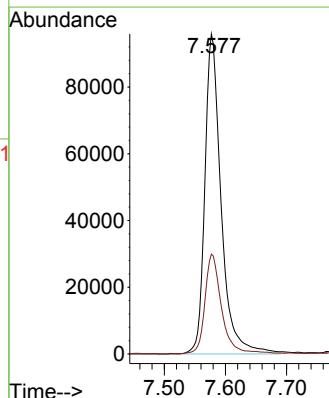
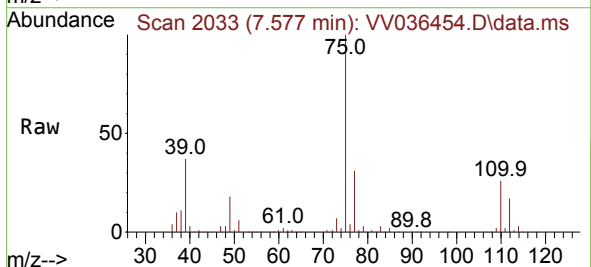
Acq: 05 Jul 2024 08:17

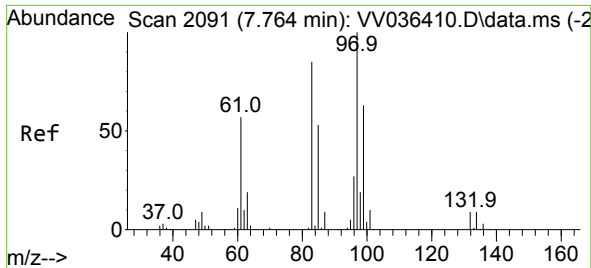
Tgt Ion: 75 Resp: 177444

Ion Ratio Lower Upper

75 100

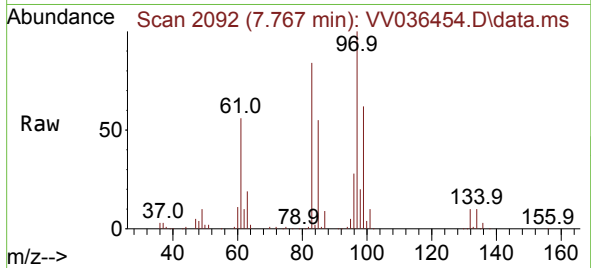
77 31.2 22.5 41.9





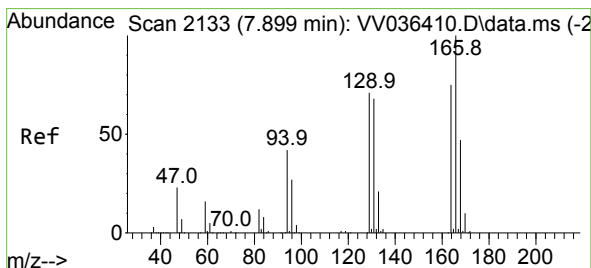
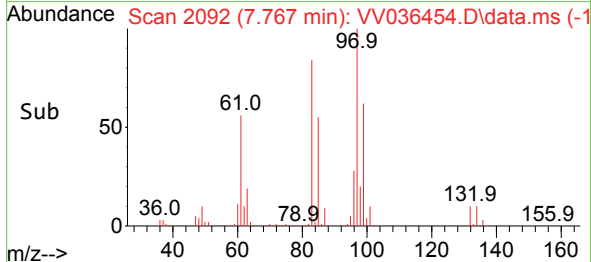
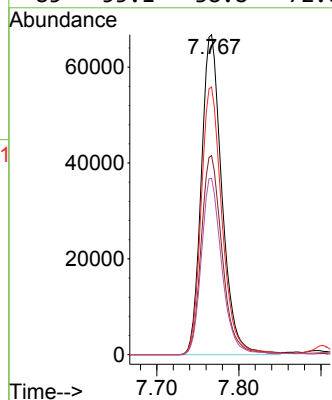
#45
1,1,2-Trichloroethane
Concen: 28.135 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 97 Resp: 117027

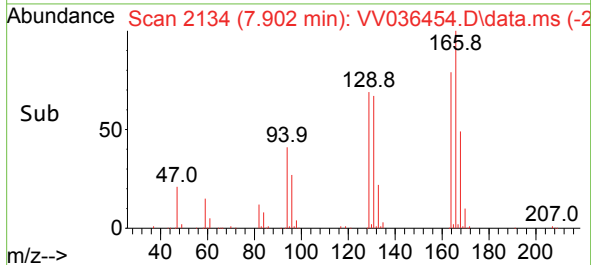
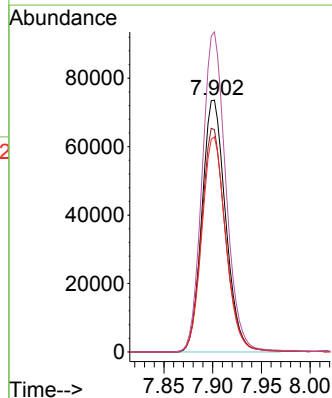
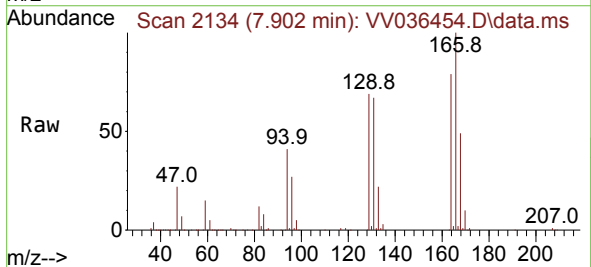
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.8	81.3
83	83.6	60.6	112.6
85	55.1	38.8	72.0

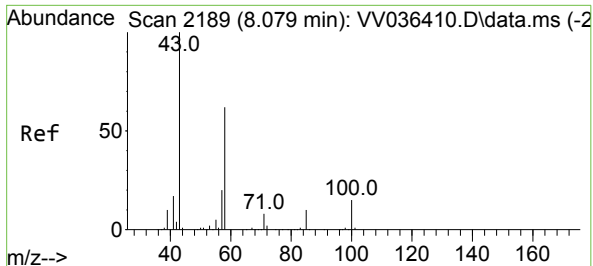


#46
Tetrachloroethene
Concen: 29.477 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

Tgt Ion: 164 Resp: 124566

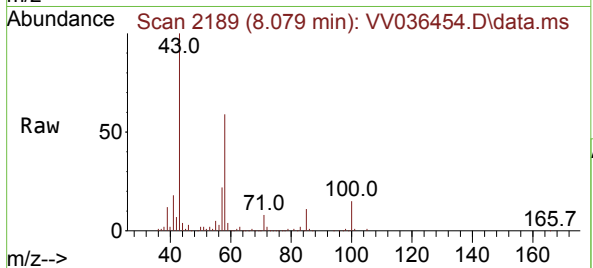
Ion	Ratio	Lower	Upper
164	100		
129	88.3	65.9	122.5
131	85.4	63.3	117.7
166	127.1	90.3	167.7



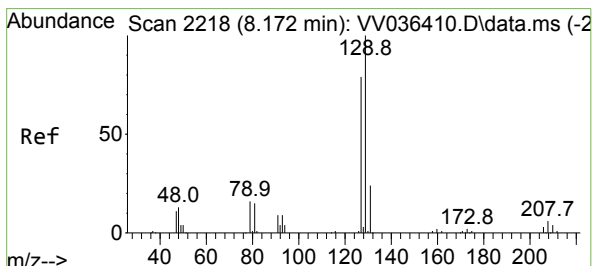
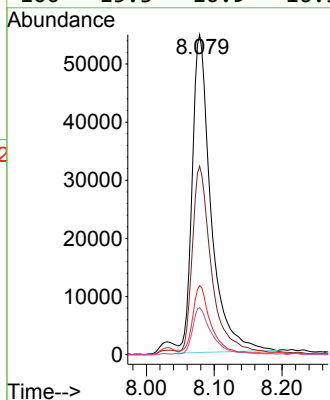
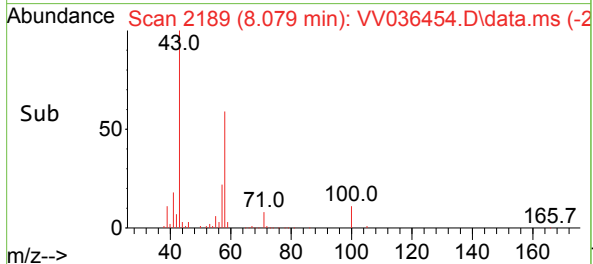


#48
2-Hexanone
Concen: 50.506 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

Instrument :
MSVOA_V
ClientSampleId :

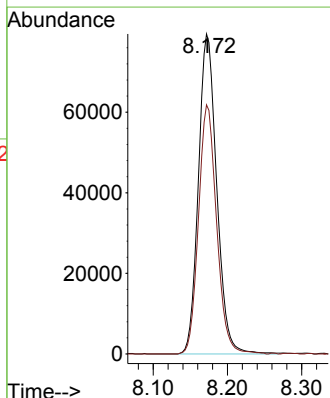
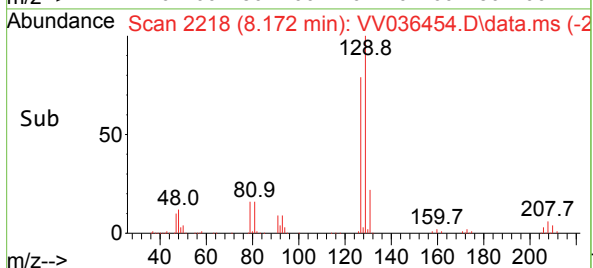
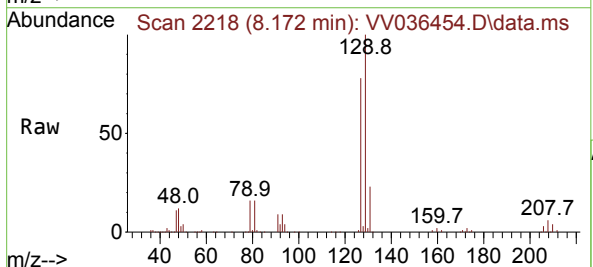


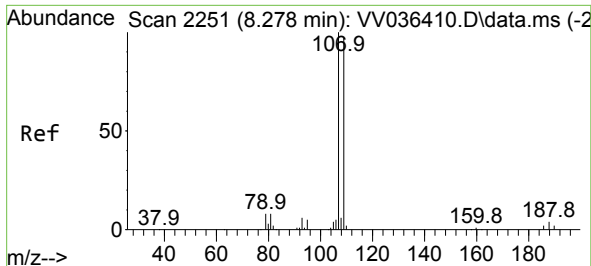
Tgt Ion: 43 Resp: 105436
Ion Ratio Lower Upper
43 100
58 61.4 48.5 72.7
57 20.2 15.8 23.6
100 15.3 10.9 16.3



#49
Dibromochloromethane
Concen: 29.384 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

Tgt Ion: 129 Resp: 136252
Ion Ratio Lower Upper
129 100
127 77.9 54.9 101.9

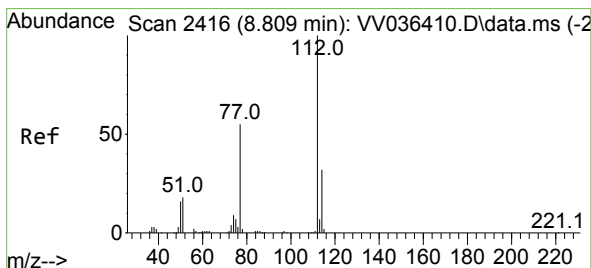
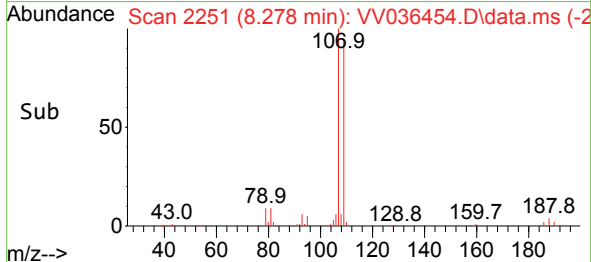
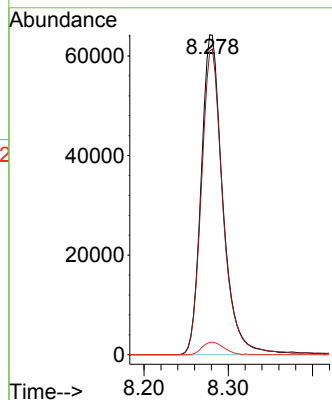
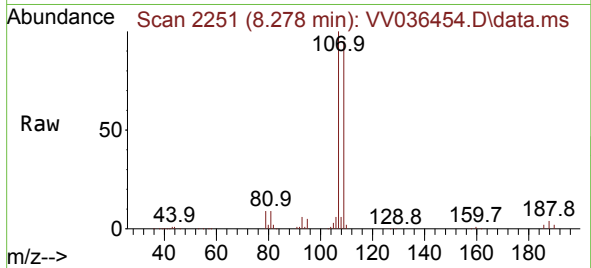




#50
1,2-Dibromoethane
Concen: 27.924 ug/L
RT: 8.278 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

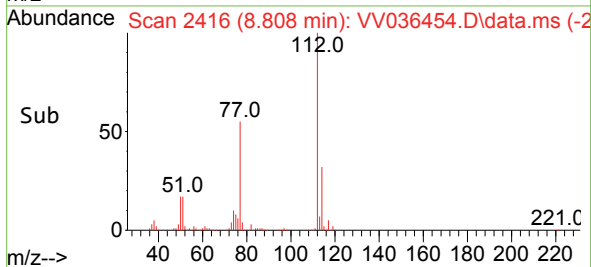
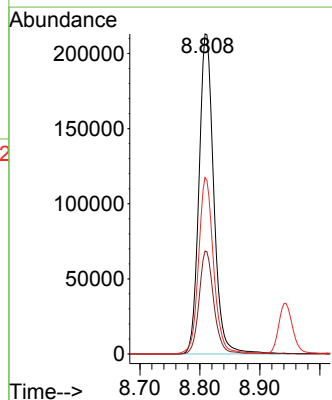
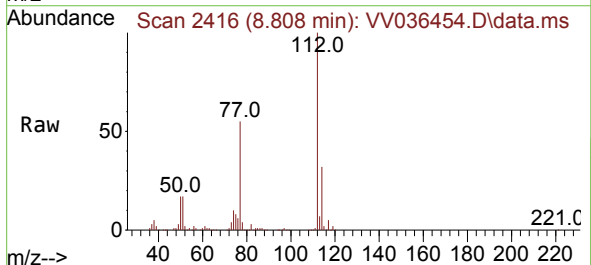
Instrument :
MSVOA_V
ClientSampleId :

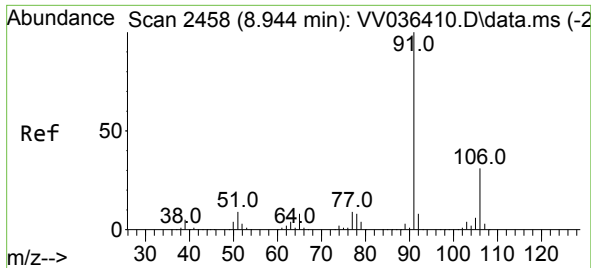
Tgt Ion:107 Resp: 114426
Ion Ratio Lower Upper
107 100
109 94.8 64.7 120.1
188 3.9 3.0 4.6



#51
Chlorobenzene
Concen: 27.753 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

Tgt Ion:112 Resp: 365509
Ion Ratio Lower Upper
112 100
114 32.1 22.8 42.4
77 55.1 46.2 69.2

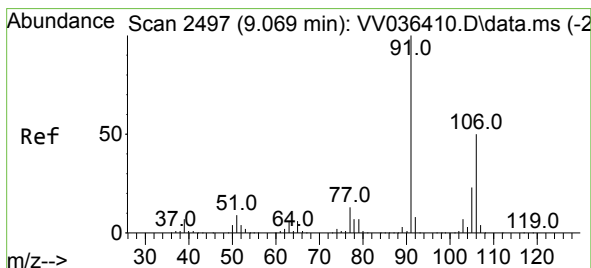
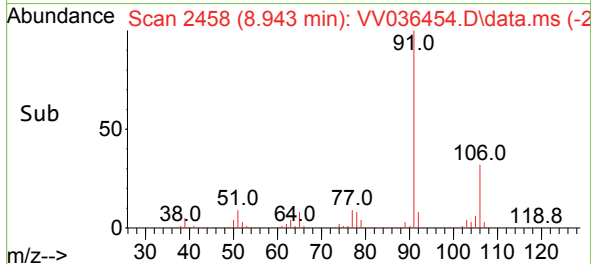
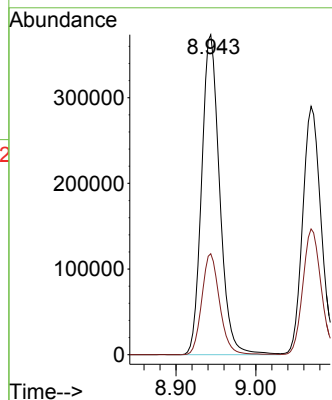
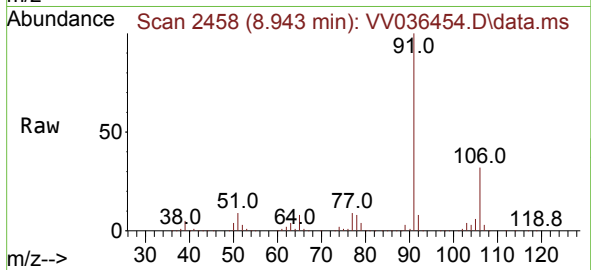




#52
Ethylbenzene
Concen: 28.172 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

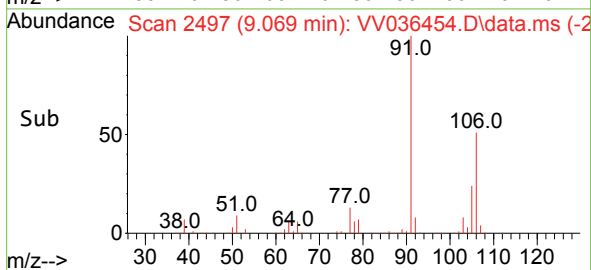
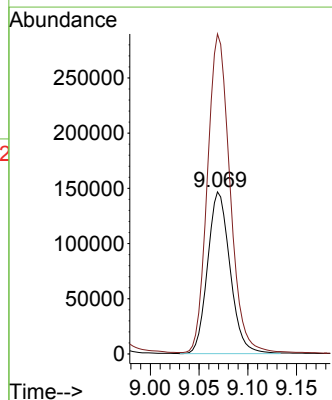
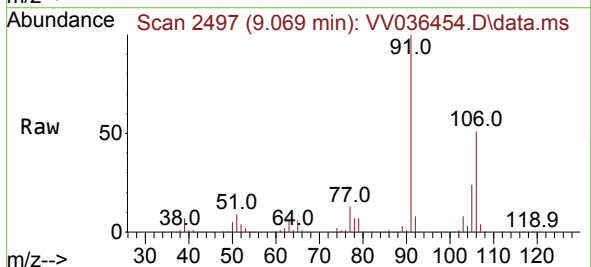
Instrument :
MSVOA_V
ClientSampleId :

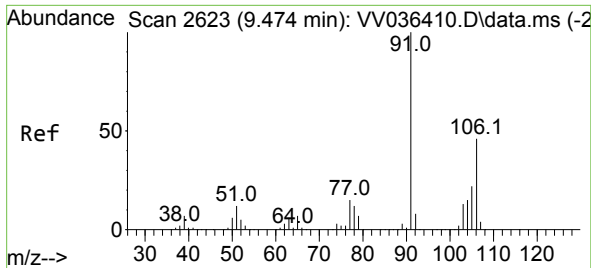
Tgt Ion: 91 Resp: 585763
Ion Ratio Lower Upper
91 100
106 31.6 21.8 40.4



#53
m,p-Xylene
Concen: 30.267 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

Tgt Ion: 106 Resp: 234546
Ion Ratio Lower Upper
106 100
91 197.4 142.2 264.0

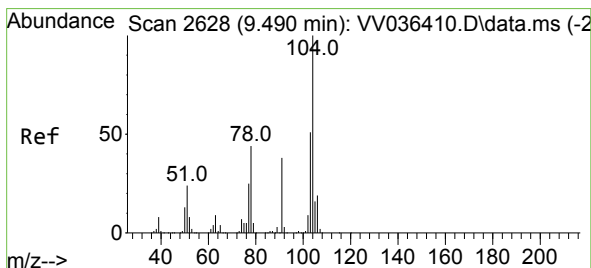
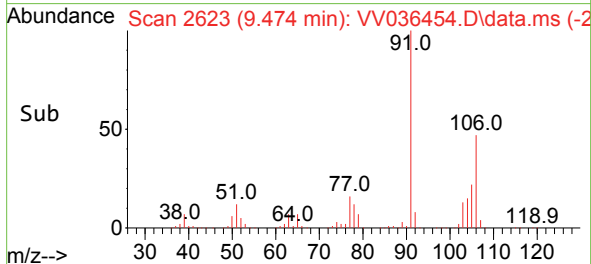
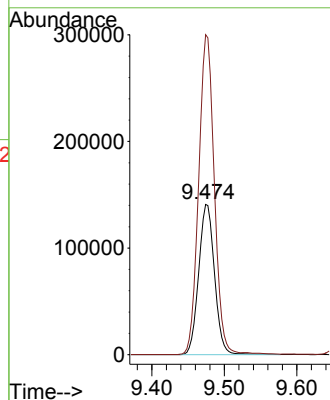
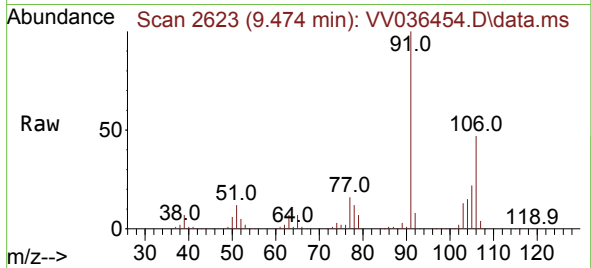




#54
o-Xylene
Concen: 29.385 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

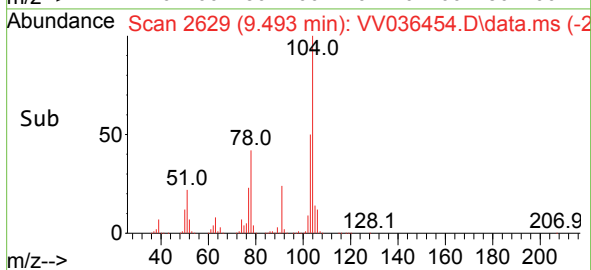
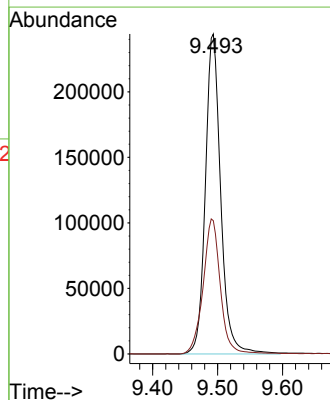
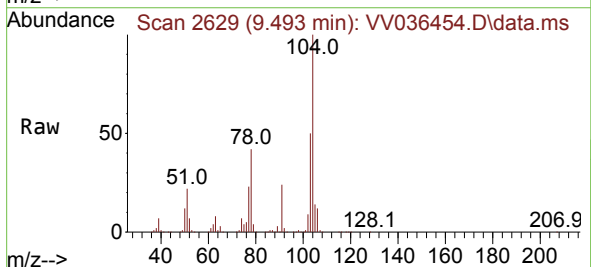
Instrument :
MSVOA_V
ClientSampleId :

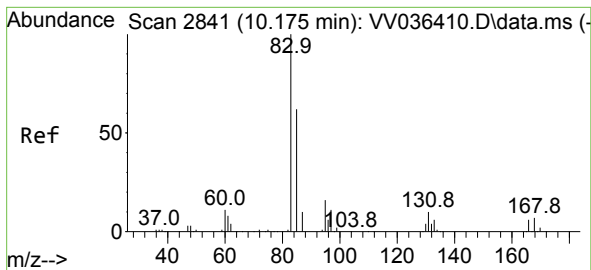
Tgt Ion:106 Resp: 214133
Ion Ratio Lower Upper
106 100
91 212.9 152.7 283.7



#55
Styrene
Concen: 31.475 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.003 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

Tgt Ion:104 Resp: 401979
Ion Ratio Lower Upper
104 100
78 41.6 30.2 56.2

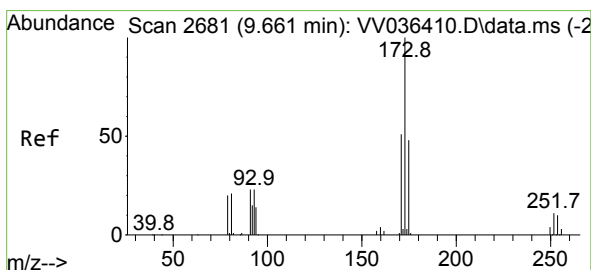
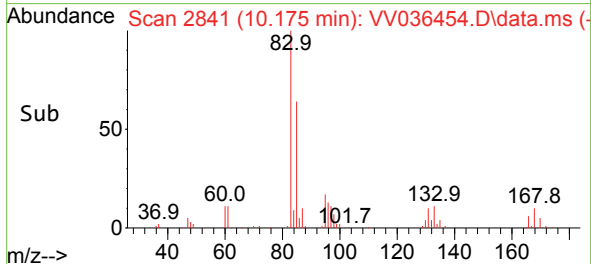
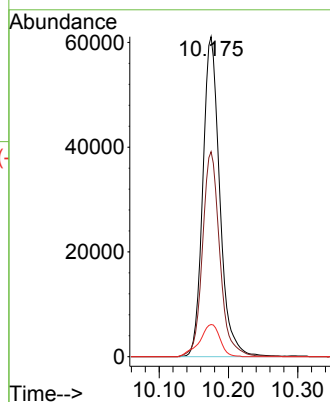
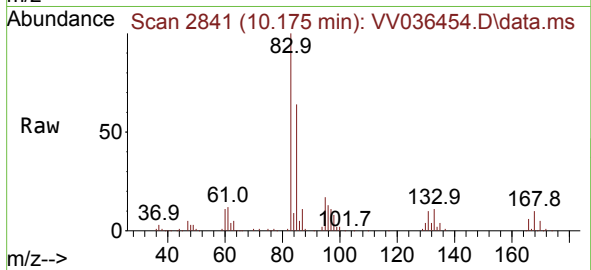




#57
 1,1,2,2-Tetrachloroethane
 Concen: 27.831 ug/L
 RT: 10.175 min Scan# 2841
 Delta R.T. 0.000 min
 Lab File: VV036454.D
 Acq: 05 Jul 2024 08:17

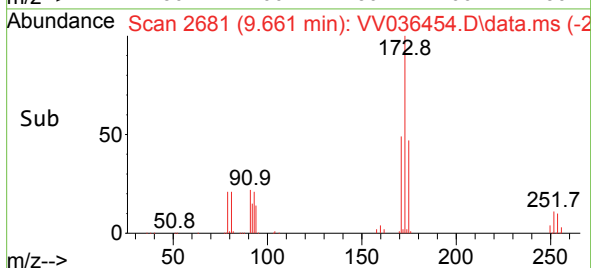
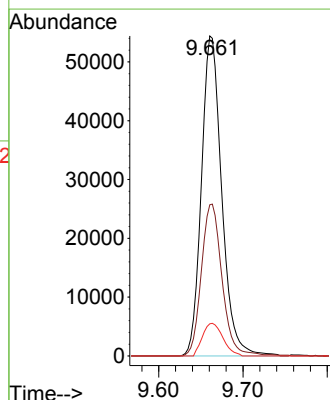
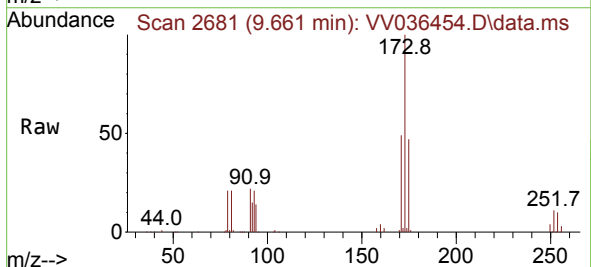
Instrument :
 MSVOA_V
 ClientSampleId :

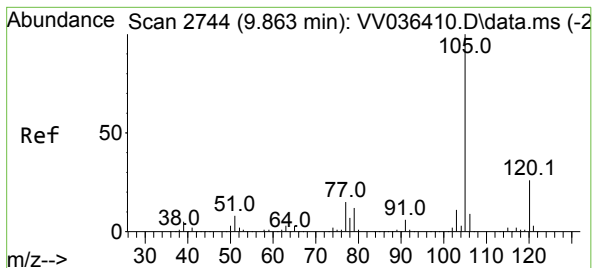
Tgt Ion: 83 Resp: 103610
 Ion Ratio Lower Upper
 83 100
 85 64.0 45.7 84.9
 131 10.0 7.8 11.6



#59
 Bromoform
 Concen: 26.662 ug/L
 RT: 9.661 min Scan# 2681
 Delta R.T. 0.000 min
 Lab File: VV036454.D
 Acq: 05 Jul 2024 08:17

Tgt Ion: 173 Resp: 91466
 Ion Ratio Lower Upper
 173 100
 175 48.1 38.9 58.3
 254 10.3 7.2 10.8





#60

Isopropylbenzene

Concen: 26.842 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV036454.D

Acq: 05 Jul 2024 08:17

Instrument :

MSVOA_V

ClientSampleId :

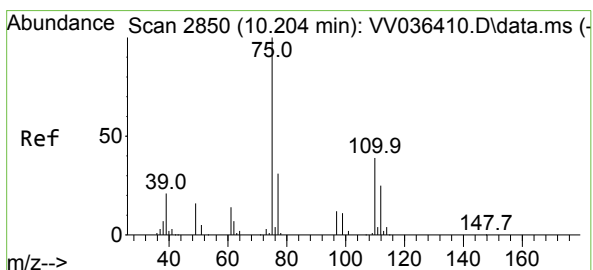
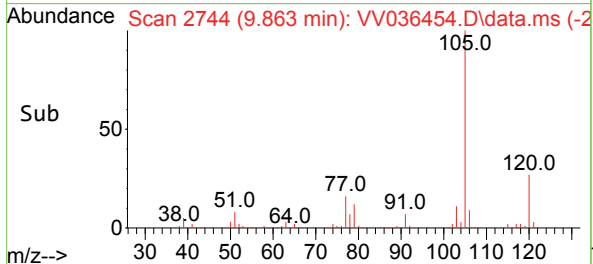
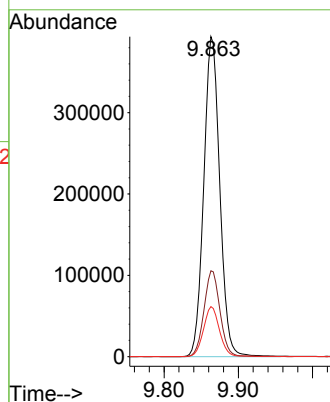
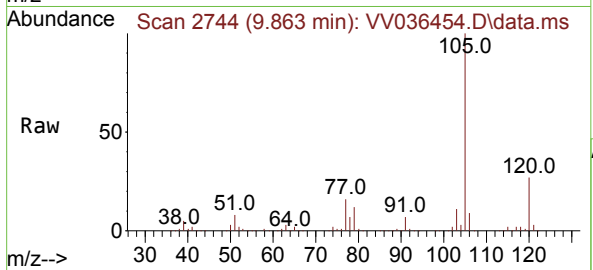
Tgt Ion:105 Resp: 588021

Ion Ratio Lower Upper

105 100

120 26.9 21.2 31.8

77 15.6 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 24.195 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.000 min

Lab File: VV036454.D

Acq: 05 Jul 2024 08:17

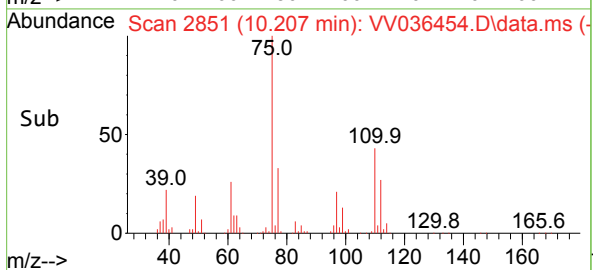
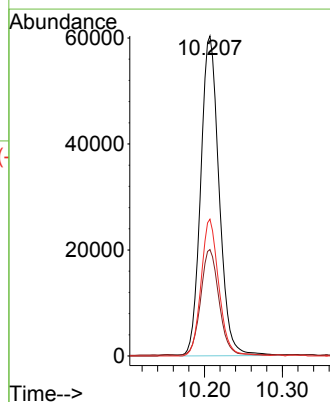
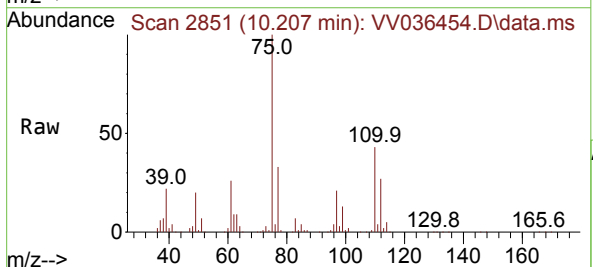
Tgt Ion: 75 Resp: 98954

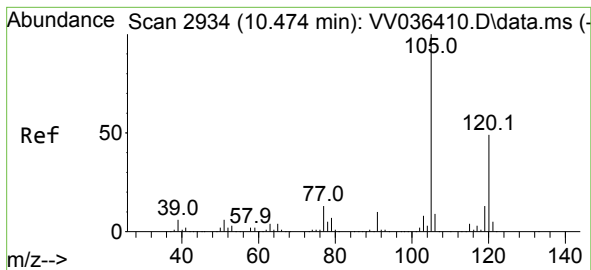
Ion Ratio Lower Upper

75 100

77 32.7 25.2 37.8

110 41.4 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 26.471 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV036454.D

Acq: 05 Jul 2024 08:17

Instrument :

MSVOA_V

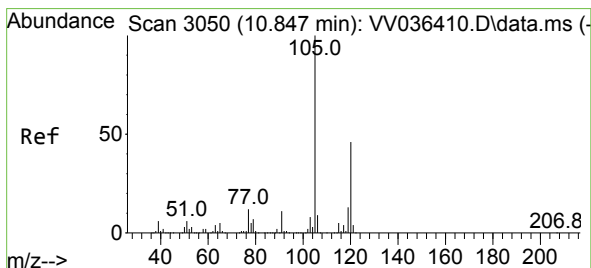
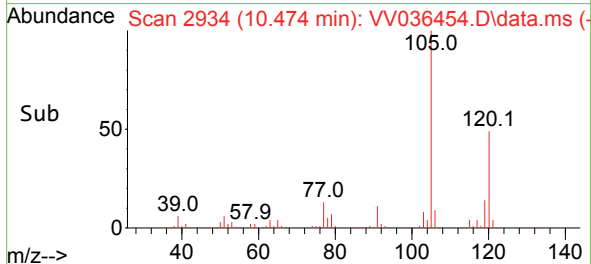
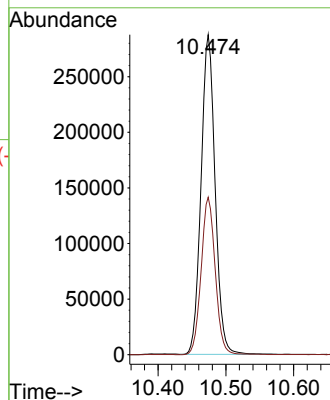
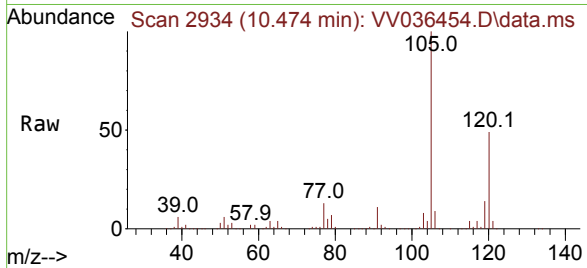
ClientSampleId :

Tgt Ion:105 Resp: 415003

Ion Ratio Lower Upper

105 100

120 49.4 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 27.191 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV036454.D

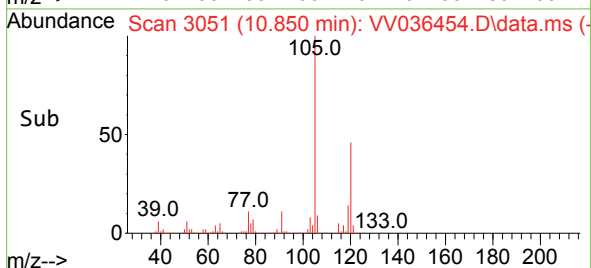
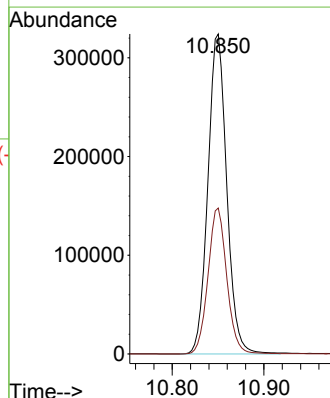
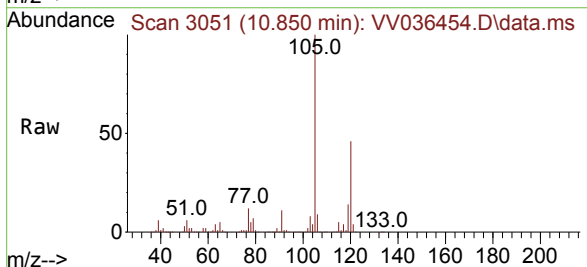
Acq: 05 Jul 2024 08:17

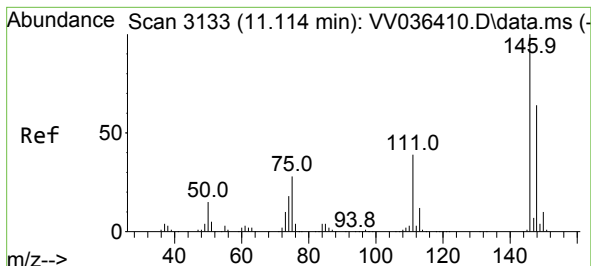
Tgt Ion:105 Resp: 463246

Ion Ratio Lower Upper

105 100

120 45.6 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 27.304 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036454.D

Acq: 05 Jul 2024 08:17

Instrument :

MSVOA_V

ClientSampleId :

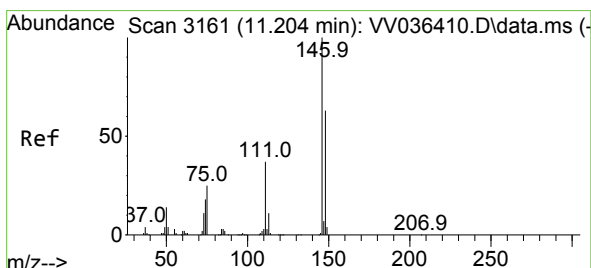
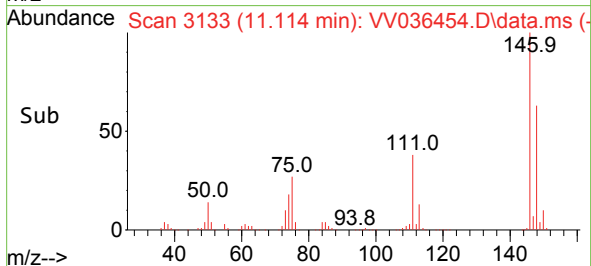
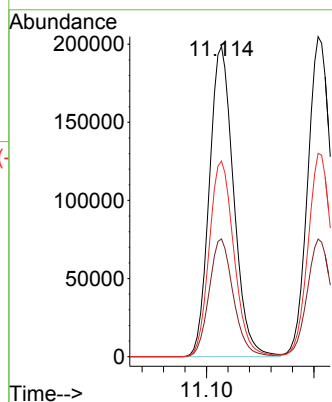
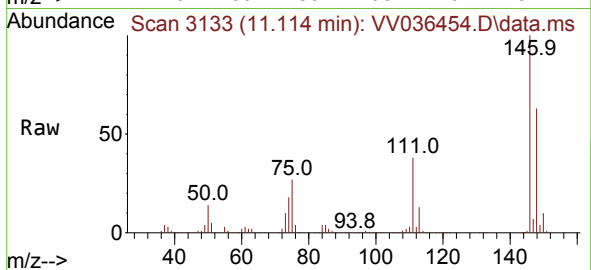
Tgt Ion:146 Resp: 311684

Ion Ratio Lower Upper

146 100

111 38.0 27.5 51.1

148 63.1 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 26.599 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV036454.D

Acq: 05 Jul 2024 08:17

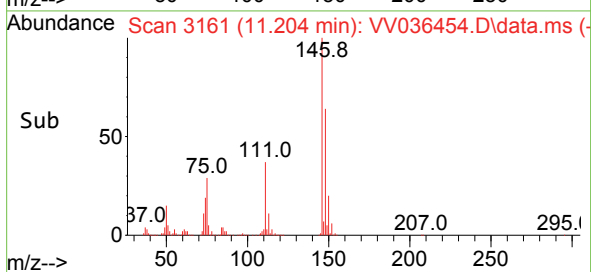
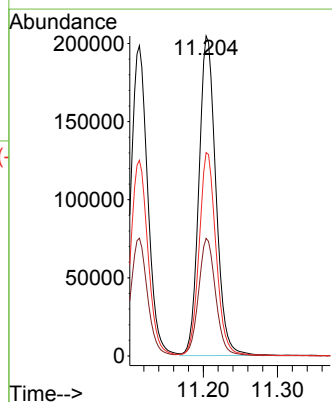
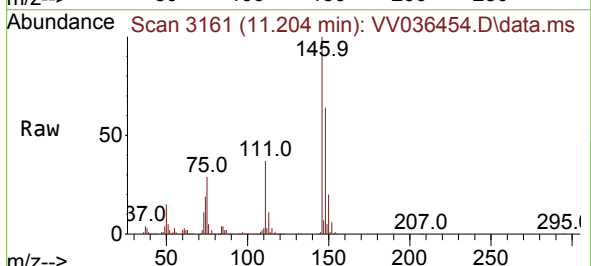
Tgt Ion:146 Resp: 325473

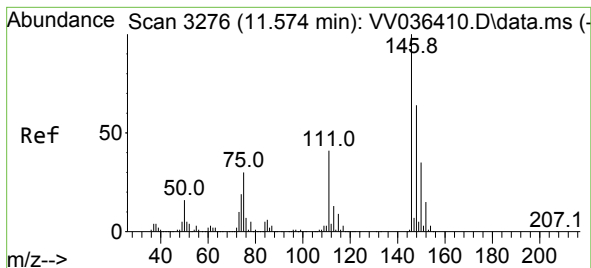
Ion Ratio Lower Upper

146 100

111 36.7 27.5 51.1

148 63.5 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 26.545 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.000 min

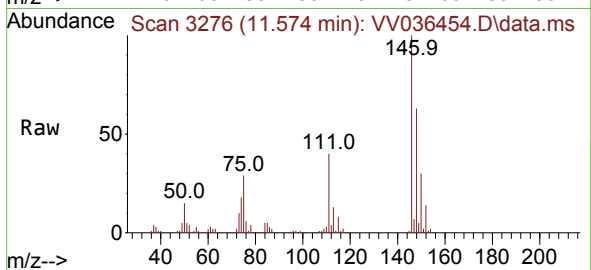
Lab File: VV036454.D

Acq: 05 Jul 2024 08:17

Instrument :

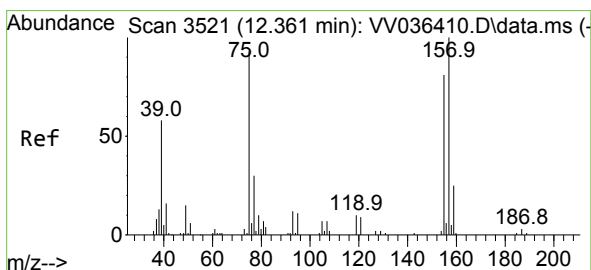
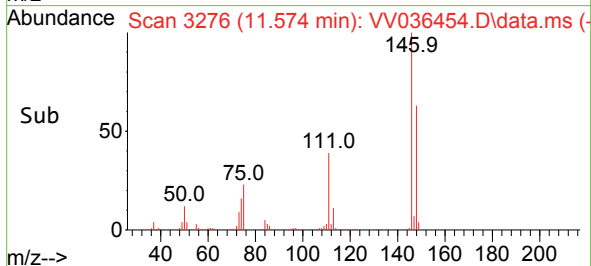
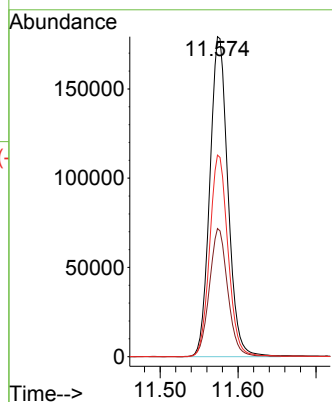
MSVOA_V

ClientSampleId :



Tgt Ion:146 Resp: 289277

Ion	Ratio	Lower	Upper
146	100		
111	40.0	33.3	49.9
148	63.0	51.1	76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 24.495 ug/L

RT: 12.361 min Scan# 3521

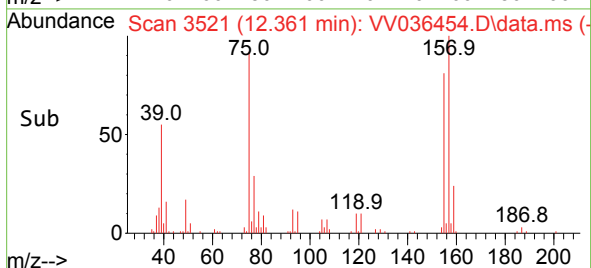
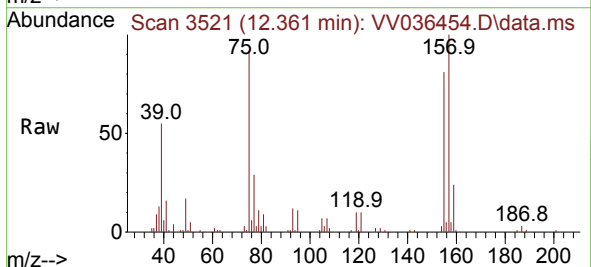
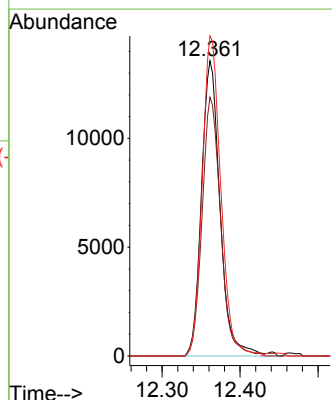
Delta R.T. 0.000 min

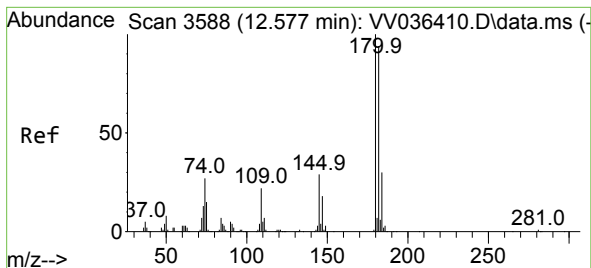
Lab File: VV036454.D

Acq: 05 Jul 2024 08:17

Tgt Ion: 75 Resp: 22475

Ion	Ratio	Lower	Upper
75	100		
155	87.7	68.3	102.5
157	108.4	95.7	143.5





#69

1,3,5-Trichlorobenzene

Concen: 26.232 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

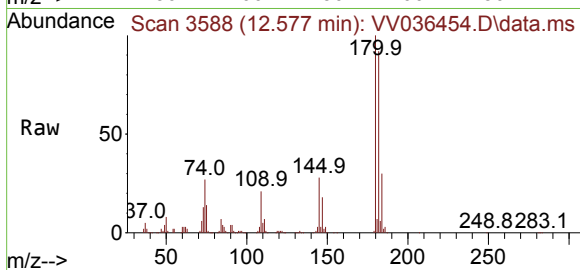
Lab File: VV036454.D

Acq: 05 Jul 2024 08:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 225475

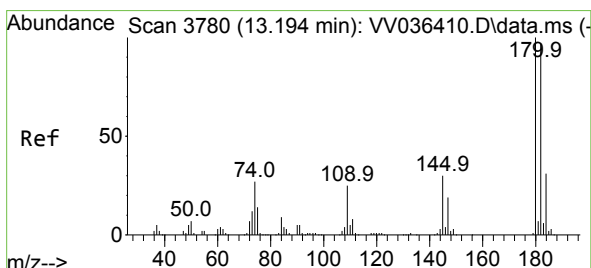
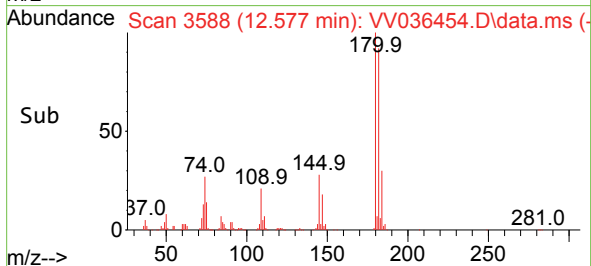
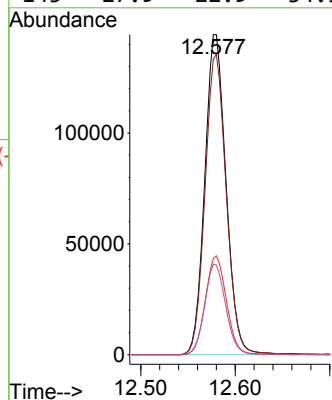
Ion Ratio Lower Upper

180 100

182 94.1 76.2 114.4

184 30.8 23.3 34.9

145 27.9 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 25.284 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036454.D

Acq: 05 Jul 2024 08:17

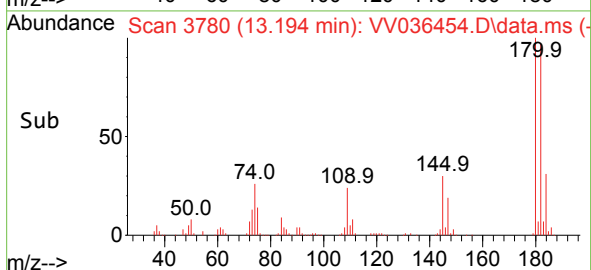
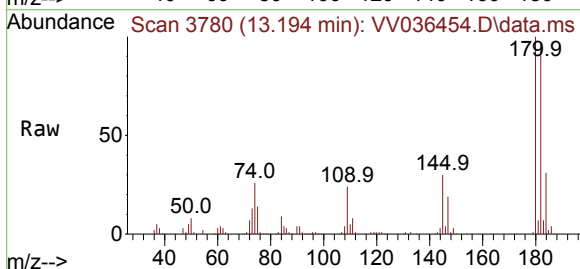
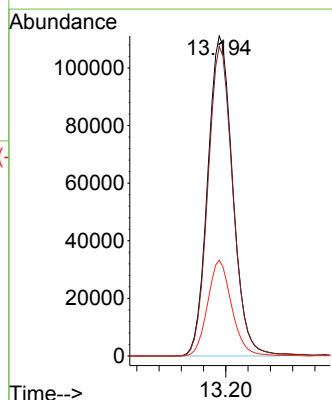
Tgt Ion:180 Resp: 173309

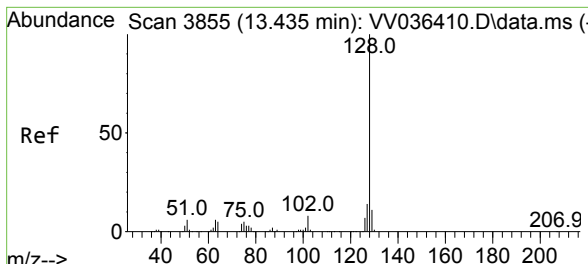
Ion Ratio Lower Upper

180 100

182 96.2 76.1 114.1

145 28.8 23.8 35.8

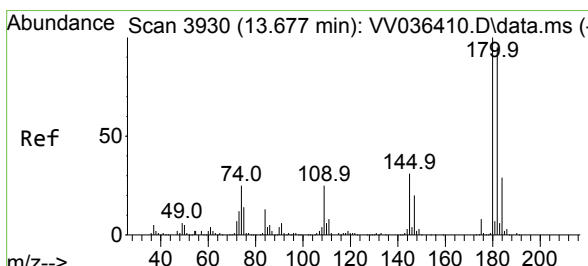
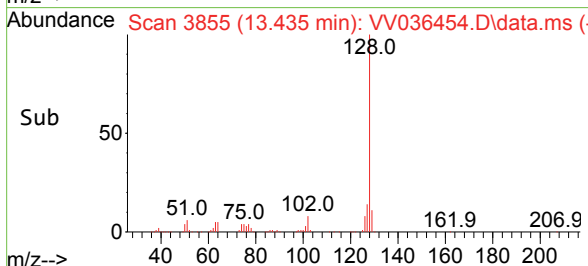
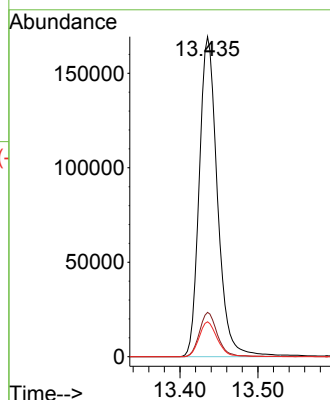
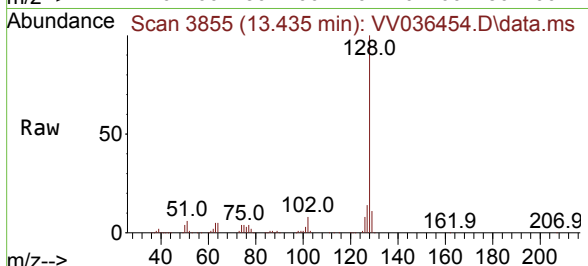




#71
Naphthalene
Concen: 22.481 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	274754
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.8	16.2
129	11.0	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 26.628 ug/L
RT: 13.676 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV036454.D
Acq: 05 Jul 2024 08:17

Tgt Ion:	180	Resp:	171635
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.7	115.1
145	30.8	25.0	37.4

