

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062024\
 Data File : VW036194.D
 Acq On : 21 Jun 2024 04:17
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 05:17:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	397276	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	396255	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	213154	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	133573	18.288	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.160%
7) Chloroethane-d5	1.526	69	118763	20.392	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.560%
11) 1,1-Dichloroethene-d2	2.050	65	62093	19.097	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.400%
21) 2-Butanone-d5	3.831	46	86721	51.749	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.500%
24) Chloroform-d	4.243	84	305064	24.153	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	4.937	65	173534	26.205	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.840%
32) Benzene-d6	4.953	84	579929	24.621	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.480%
36) 1,2-Dichloropropane-d6	5.982	67	176024	23.731	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.920%
41) Toluene-d8	7.239	98	533400	25.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.680%
43) trans-1,3-Dichloroprop...	7.551	79	77348	25.432	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.720%
47) 2-Hexanone-d5	8.030	63	68967	68.626	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.260%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	154955	27.956	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.840%
66) 1,2-Dichlorobenzene-d4	11.558	152	208596	26.686	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	126370	17.642	ug/L	99
3) Chloromethane	1.211	50	141574	17.222	ug/L	99
5) Vinyl chloride	1.275	62	162416	18.767	ug/L	99
6) Bromomethane	1.481	94	112001	20.861	ug/L	100
8) Chloroethane	1.542	64	109435	20.343	ug/L	98
9) Trichlorofluoromethane	1.706	101	224391	20.878	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	140980	20.668	ug/L	96
12) 1,1-Dichloroethene	2.060	96	136617	21.475	ug/L	92
13) Acetone	2.384	43	65580	25.123	ug/L	69
14) Carbon disulfide	2.233	76	421433	19.076	ug/L	99
15) Methyl Acetate	2.384	43	73209	22.563	ug/L	97
16) Methylene chloride	2.439	84	186436	20.739	ug/L	94
17) trans-1,2-Dichloroethene	2.687	96	151201	22.374	ug/L	94
18) Methyl tert-butyl Ether	2.699	73	427909	28.205	ug/L	98
19) 1,1-Dichloroethane	3.104	63	281231	21.852	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	169449	24.954	ug/L	97
22) 2-Butanone	3.912	43	76802	34.674	ug/L	99
23) Bromochloromethane	4.143	128	89547	26.290	ug/L	89
25) Chloroform	4.268	83	313338	23.669	ug/L	98

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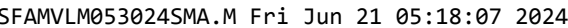
Instrument :
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 ClientSampleId :

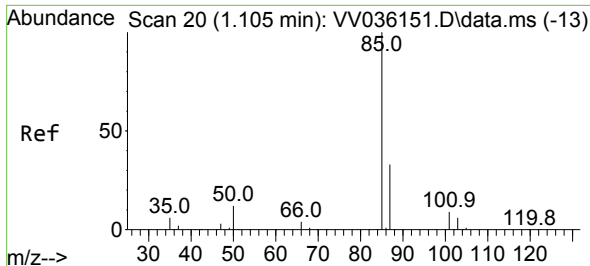
Quant Time: Jun 21 05:17:56 2024
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 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	217412	26.305	ug/L	100
29) Cyclohexane	4.577	56	181119	19.197	ug/L	92
30) 1,1,1-Trichloroethane	4.506	97	243244	22.454	ug/L	99
31) Carbon tetrachloride	4.728	117	210715	22.172	ug/L	99
33) Benzene	5.005	78	619631	23.909	ug/L	100
34) Trichloroethene	5.828	95	191776	24.144	ug/L	99
35) Methylcyclohexane	6.047	83	221922	20.204	ug/L	95
37) 1,2-Dichloropropane	6.088	63	159780	23.480	ug/L	98
38) Bromodichloromethane	6.429	83	226502	25.147	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	237630	23.347	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	197744	53.484	ug/L #	93
42) Toluene	7.310	91	666542	25.170	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	222892	25.353	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	148787	26.425	ug/L	99
46) Tetrachloroethene	7.902	164	124019	21.349	ug/L	97
48) 2-Hexanone	8.079	43	134197	46.428	ug/L #	91
49) Dibromochloromethane	8.172	129	168628	27.364	ug/L	100
50) 1,2-Dibromoethane	8.281	107	151528	28.047	ug/L	98
51) Chlorobenzene	8.812	112	449702	24.923	ug/L	98
52) Ethylbenzene	8.943	91	695766	24.557	ug/L	100
53) m,p-Xylene	9.069	106	269850	25.348	ug/L	99
54) o-Xylene	9.474	106	263957	26.292	ug/L	96
55) Styrene	9.493	104	471235	26.617	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	133390	26.457	ug/L	99
59) Bromoform	9.664	173	112606	28.013	ug/L	98
60) Isopropylbenzene	9.863	105	670744	24.528	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	139307	27.633	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	492506	24.837	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	560571	26.238	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	352435	24.541	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	358552	24.189	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	342353	25.333	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	30814	27.334	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	238380	22.190	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	198865	23.511	ug/L	100
71) Naphthalene	13.435	128	425482	30.824	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	197684	25.612	ug/L	99

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

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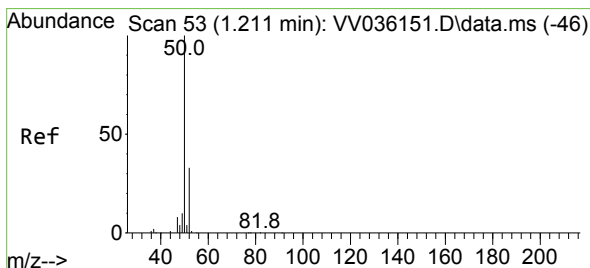
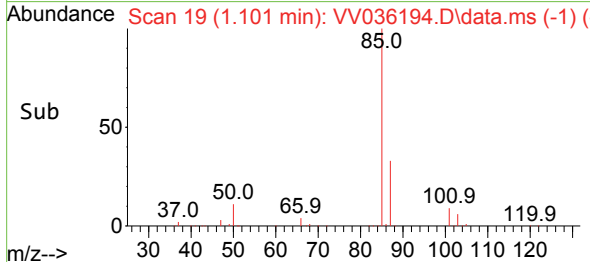
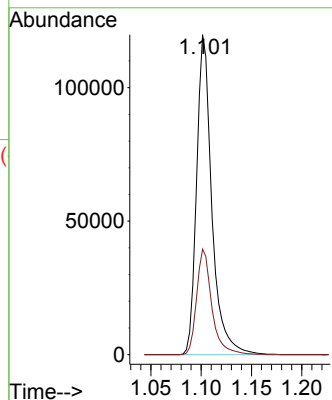
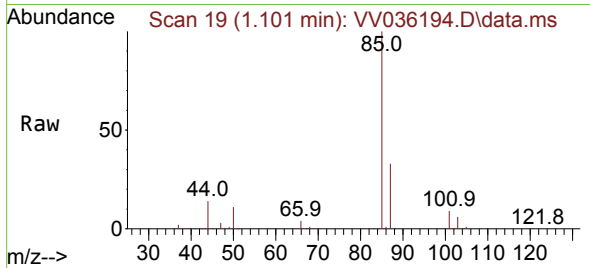




#2
Dichlorodifluoromethane
Concen: 17.642 ug/L
RT: 1.101 min Scan# 19
Delta R.T. -0.000 min
Lab File: VV036194.D
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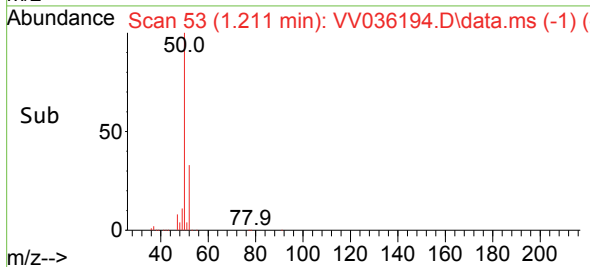
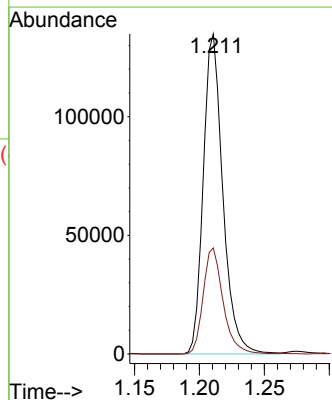
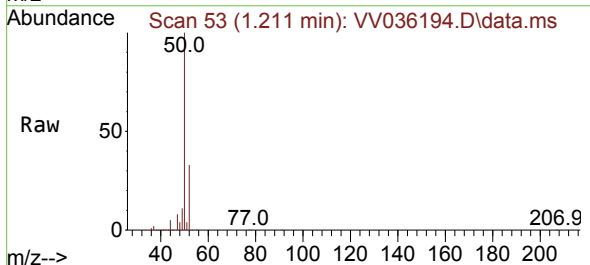
Instrument :
MSVOA_V
ClientSampleId :

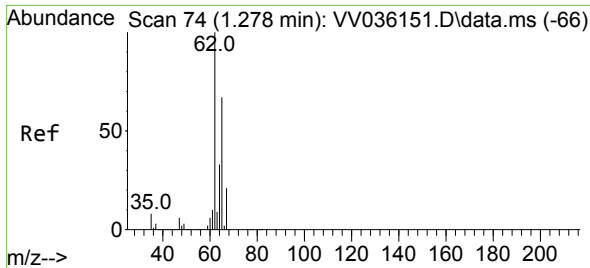
Tgt Ion: 85 Resp: 126370
Ion Ratio Lower Upper
85 100
87 33.0 25.9 38.9



#3
Chloromethane
Concen: 17.222 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.000 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

Tgt Ion: 50 Resp: 141574
Ion Ratio Lower Upper
50 100
52 33.2 22.8 42.4



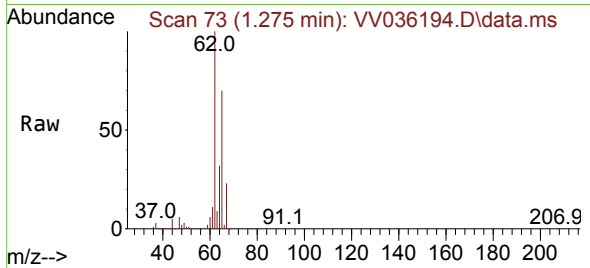


#5
 Vinyl chloride
 Concen: 18.767 ug/L
 RT: 1.275 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV036194.D
 Acq: 21 Jun 2024 04:17

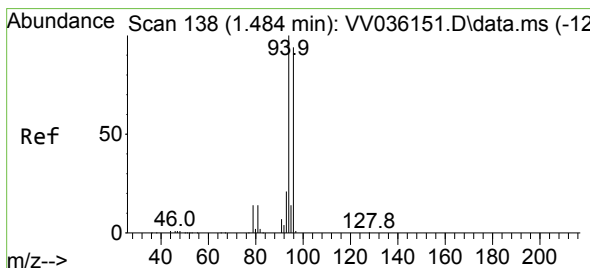
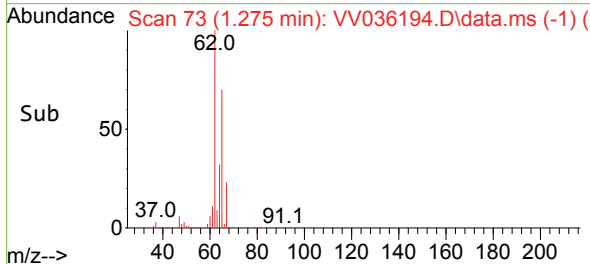
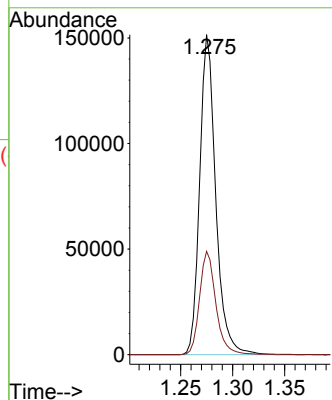
Instrument :

MSVOA_V

ClientSampleId :

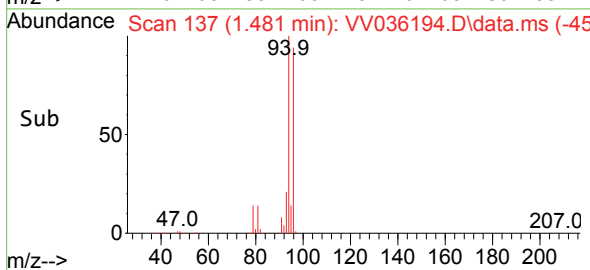
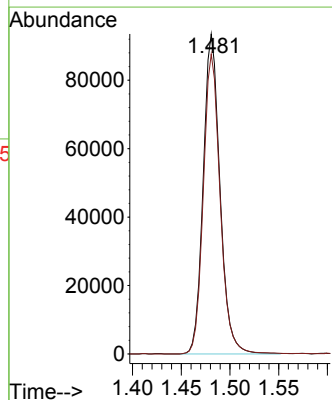
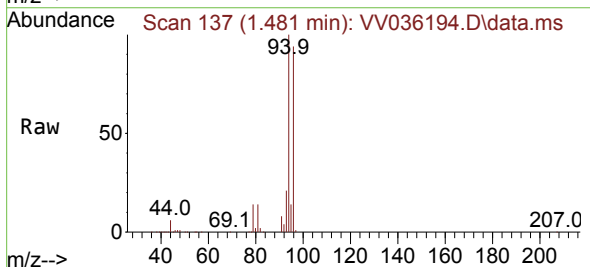


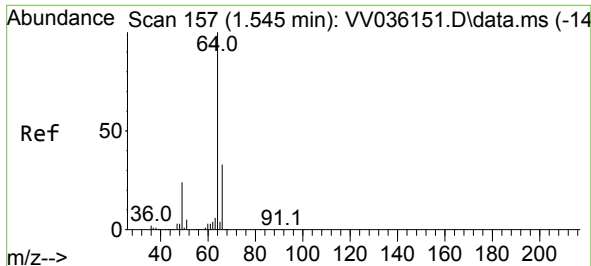
Tgt Ion: 62 Resp: 162416
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.9 42.5



#6
 Bromomethane
 Concen: 20.861 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV036194.D
 Acq: 21 Jun 2024 04:17

Tgt Ion: 94 Resp: 112001
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.7 122.1

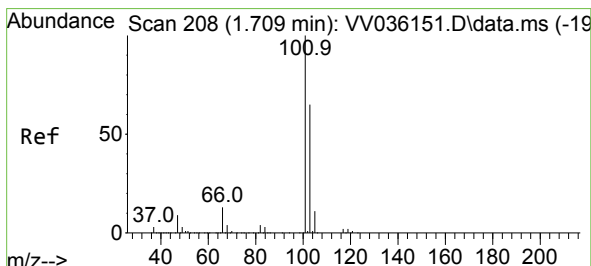
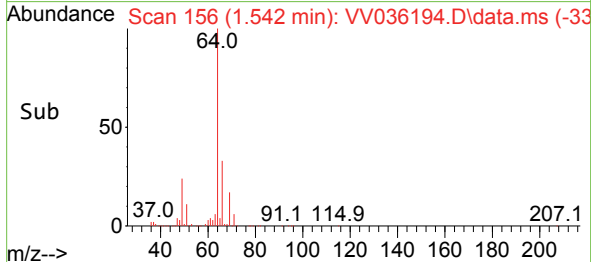
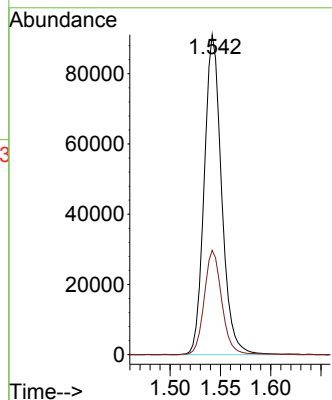
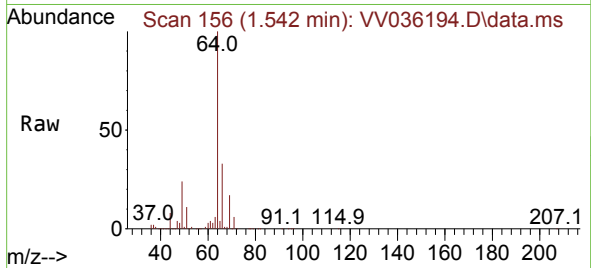




#8
Chloroethane
Concen: 20.343 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

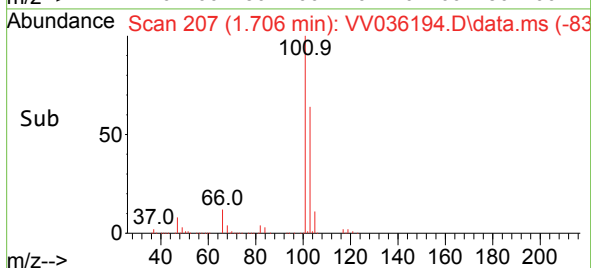
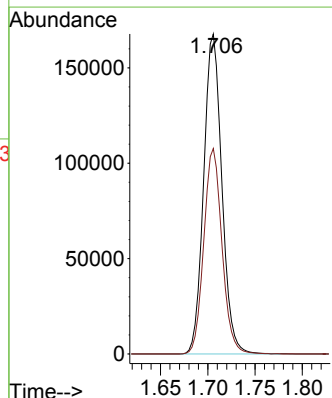
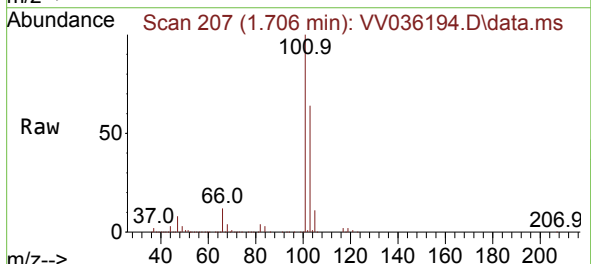
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MSVOA_V
ClientSampleId :

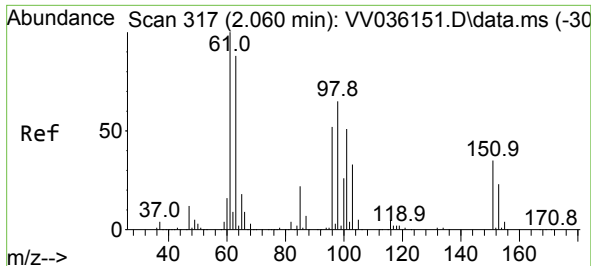
Tgt Ion: 64 Resp: 109435
Ion Ratio Lower Upper
64 100
66 32.6 22.0 41.0



#9
Trichlorofluoromethane
Concen: 20.878 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.000 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

Tgt Ion:101 Resp: 224391
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.8

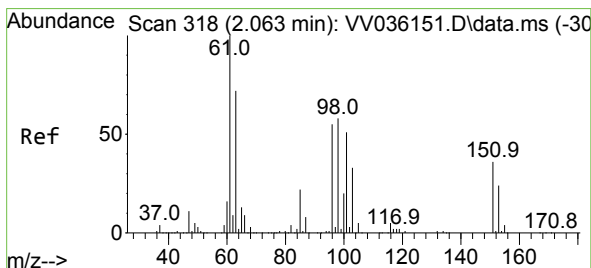
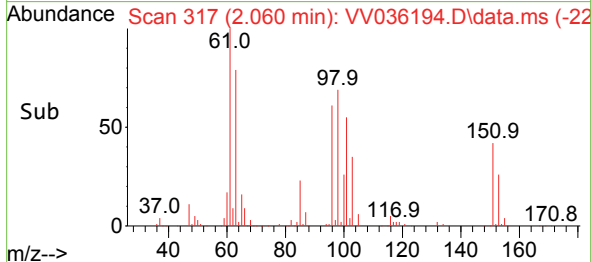
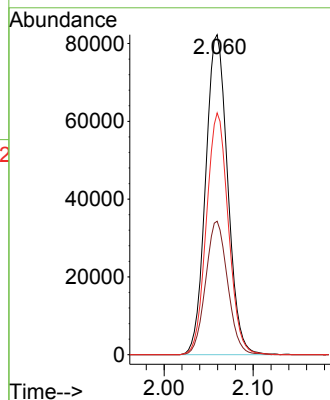
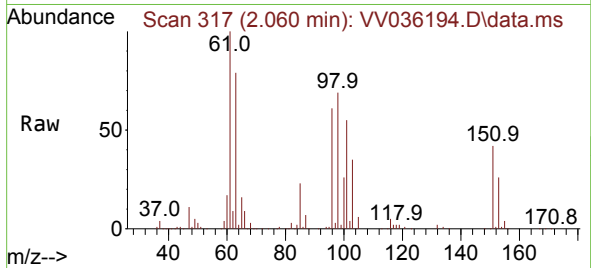




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.668 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.000 min
 Lab File: VV036194.D
 Acq: 21 Jun 2024 04:17

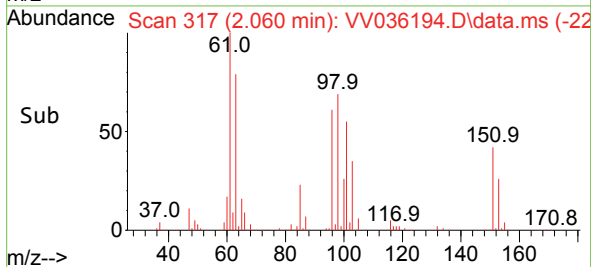
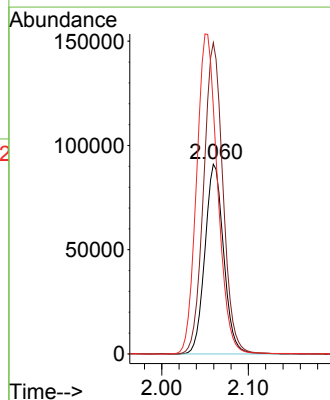
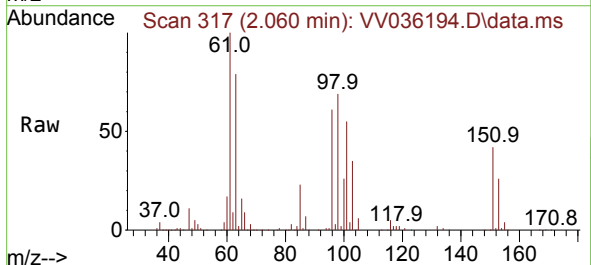
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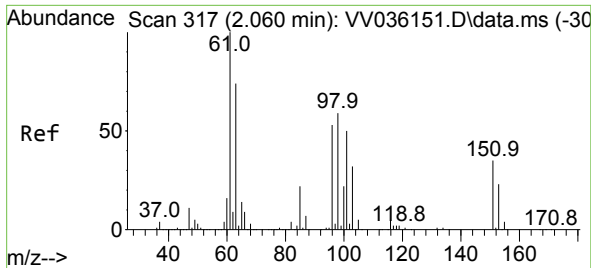
Tgt Ion:101 Resp: 140980
 Ion Ratio Lower Upper
 101 100
 85 41.8 34.5 51.7
 151 75.3 56.3 84.5



#12
 1,1-Dichloroethene
 Concen: 21.475 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.000 min
 Lab File: VV036194.D
 Acq: 21 Jun 2024 04:17

Tgt Ion: 96 Resp: 136617
 Ion Ratio Lower Upper
 96 100
 61 164.0 127.3 236.3
 63 130.3 93.7 173.9





#13

Acetone

Concen: 25.123 ug/L

RT: 2.384 min Scan# 41

Delta R.T. 0.238 min

Lab File: VV036194.D

Acq: 21 Jun 2024 04:17

Instrument :

MSVOA_V

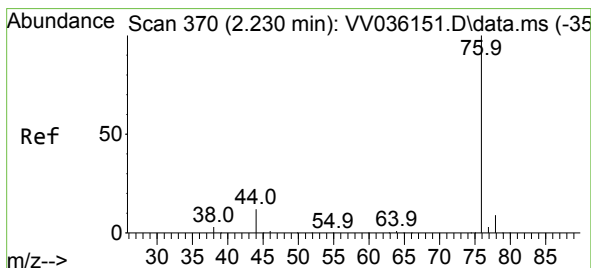
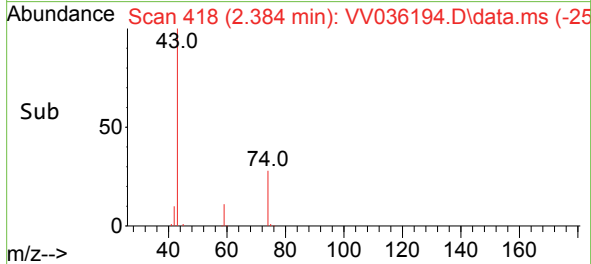
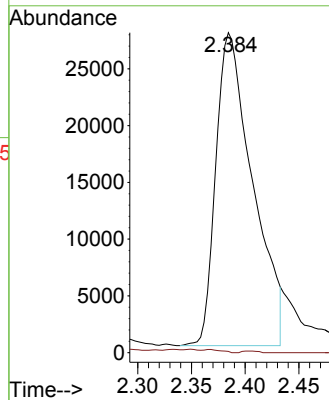
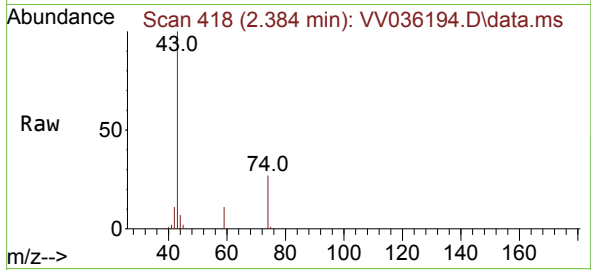
ClientSampleId :

Tgt Ion: 43 Resp: 65580

Ion Ratio Lower Upper

43 100

58 0.2 0.0 24.2



#14

Carbon disulfide

Concen: 19.076 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV036194.D

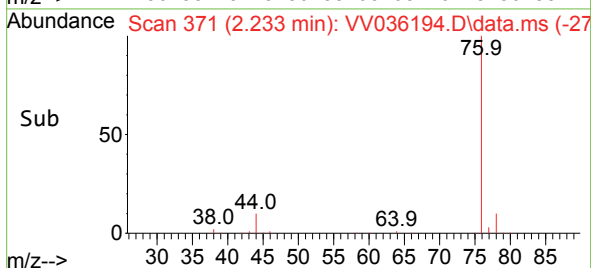
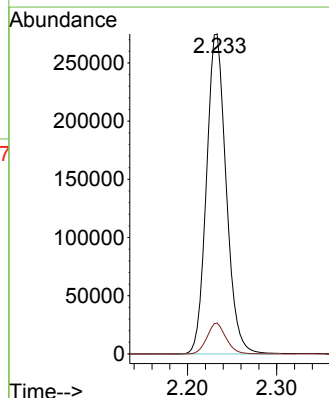
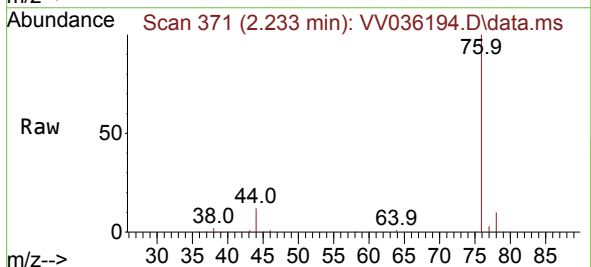
Acq: 21 Jun 2024 04:17

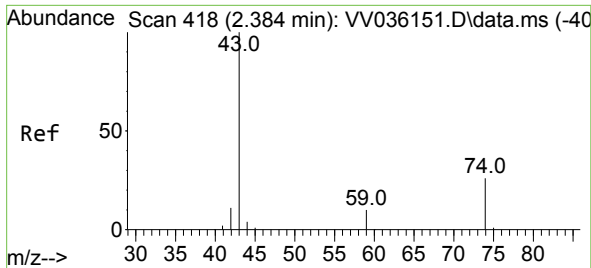
Tgt Ion: 76 Resp: 421433

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.2

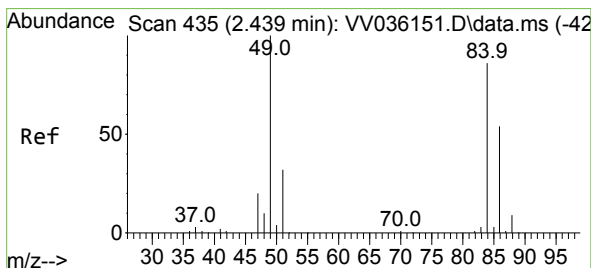
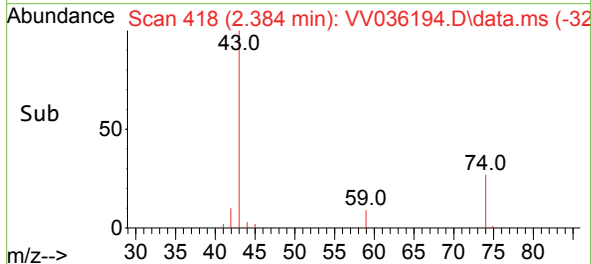
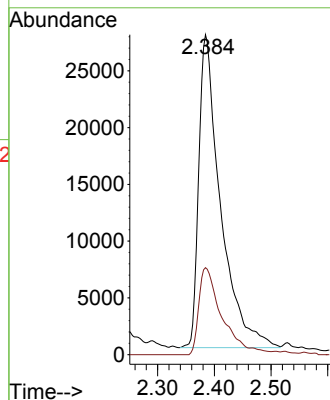
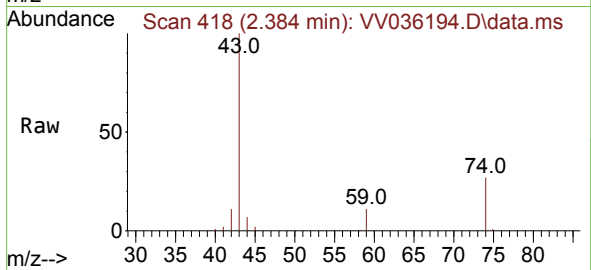




#15
Methyl Acetate
Concen: 22.563 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.000 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

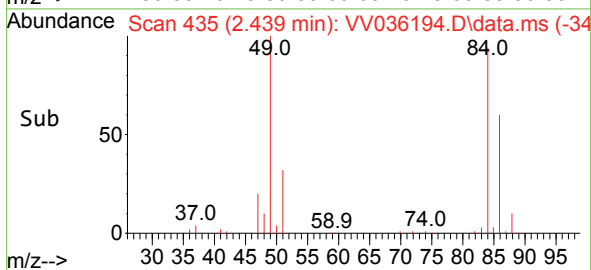
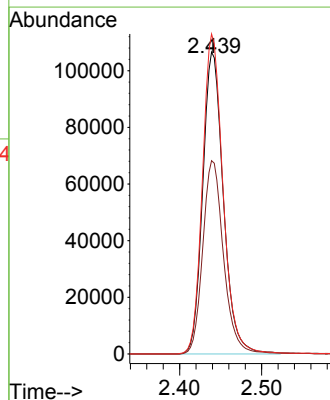
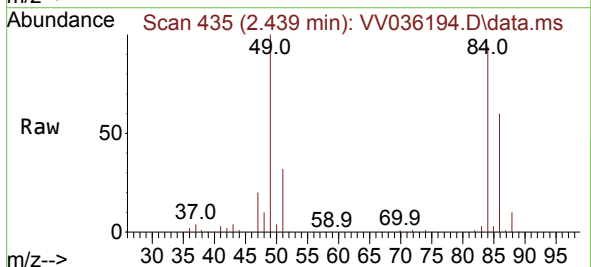
Instrument :
MSVOA_V
ClientSampleId :

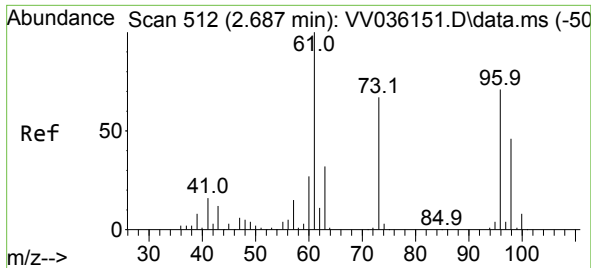
Tgt Ion: 43 Resp: 73209
Ion Ratio Lower Upper
43 100
74 28.4 21.4 32.2



#16
Methylene chloride
Concen: 20.739 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

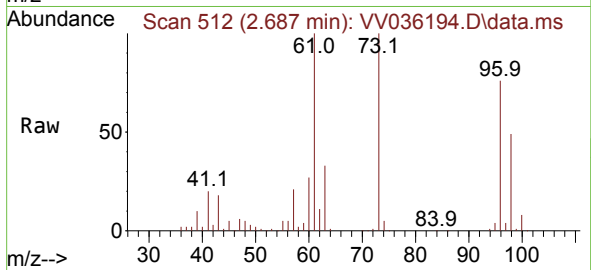
Tgt Ion: 84 Resp: 186436
Ion Ratio Lower Upper
84 100
86 64.0 44.6 82.8
49 106.0 81.1 150.5



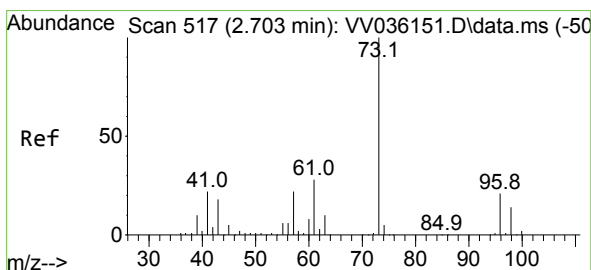
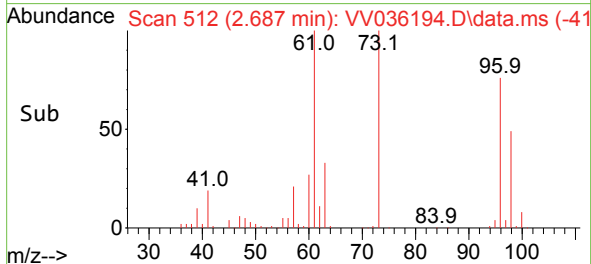
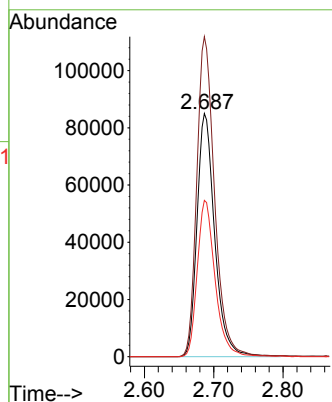


#17
trans-1,2-Dichloroethene
Concen: 22.374 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

Instrument :
MSVOA_V
ClientSampleId :

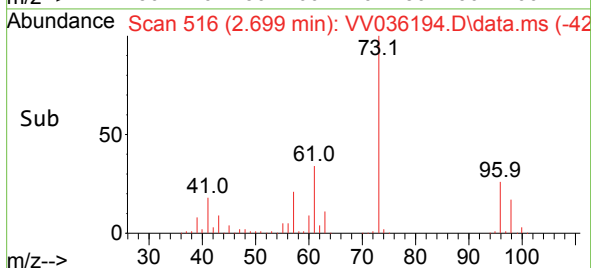
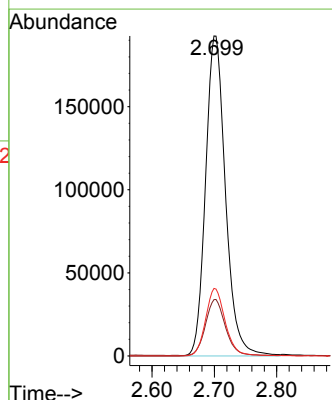
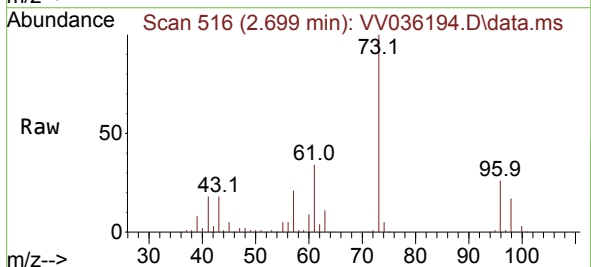


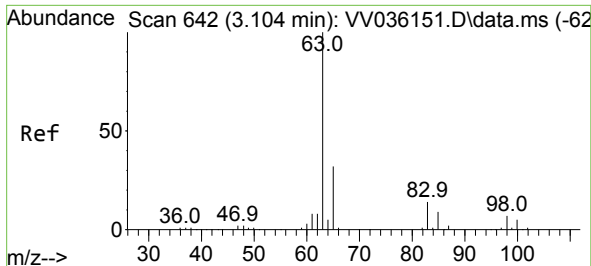
Tgt Ion: 96 Resp: 151201
Ion Ratio Lower Upper
96 100
61 131.6 99.4 184.6
98 64.3 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 28.205 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

Tgt Ion: 73 Resp: 427909
Ion Ratio Lower Upper
73 100
43 17.5 14.3 21.5
57 20.7 17.8 26.6





#19

1,1-Dichloroethane

Concen: 21.852 ug/L

RT: 3.104 min Scan# 642

Delta R.T. 0.003 min

Lab File: VV036194.D

Acq: 21 Jun 2024 04:17

Instrument :

MSVOA_V

ClientSampleId :

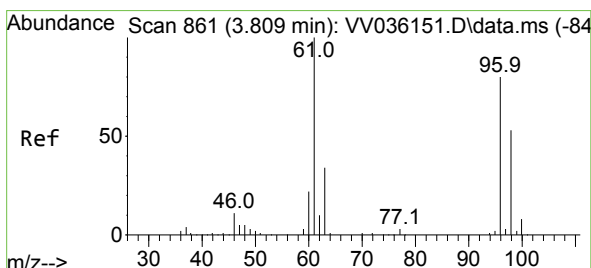
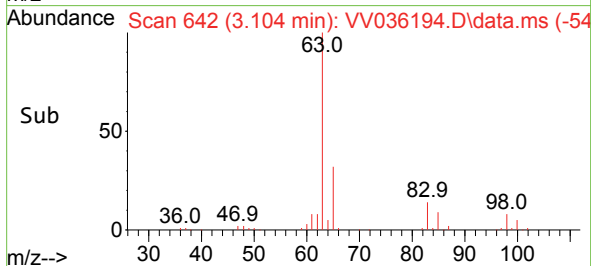
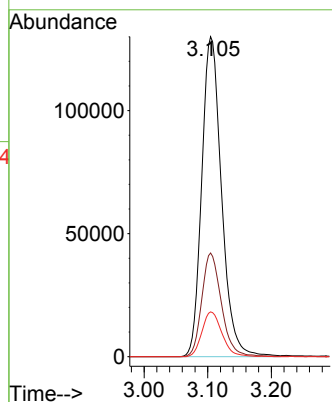
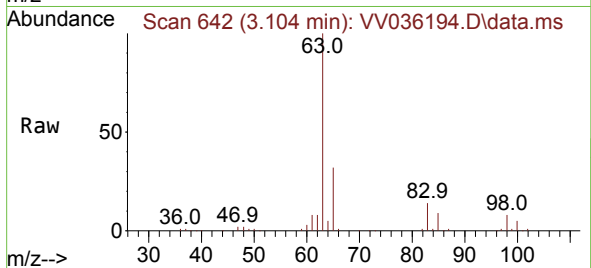
Tgt Ion: 63 Resp: 281231

Ion Ratio Lower Upper

63 100

65 32.4 22.4 41.6

83 14.0 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 24.954 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.000 min

Lab File: VV036194.D

Acq: 21 Jun 2024 04:17

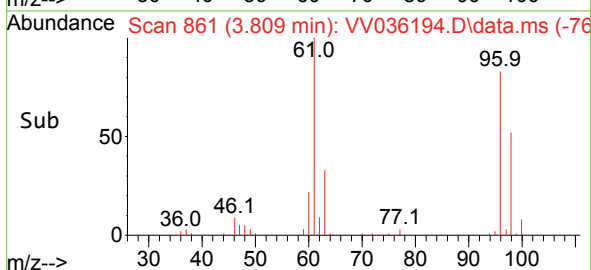
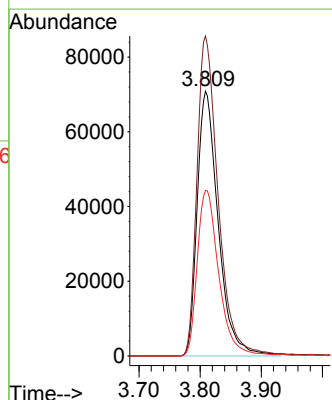
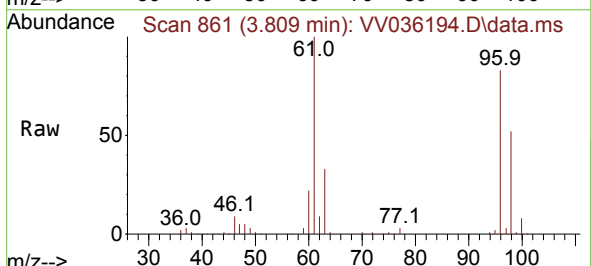
Tgt Ion: 96 Resp: 169449

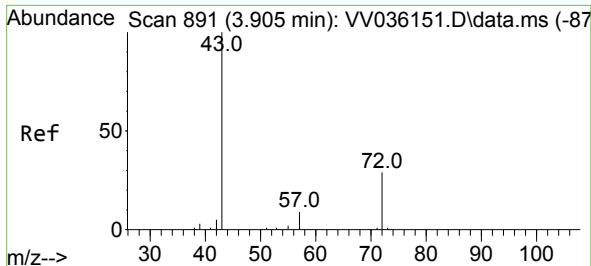
Ion Ratio Lower Upper

96 100

61 120.9 87.9 163.3

98 62.5 44.4 82.5

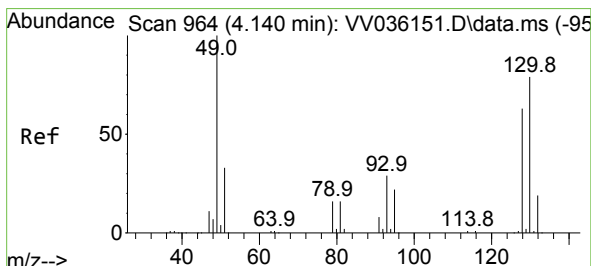
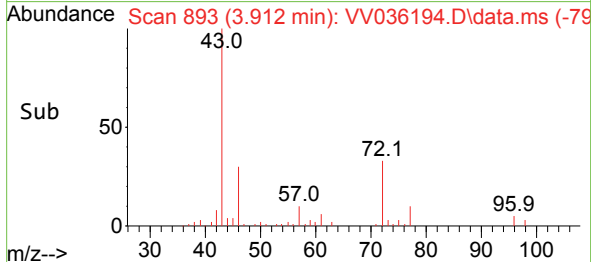
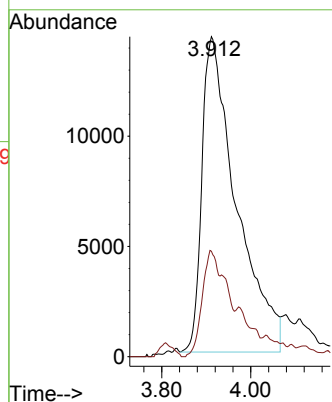
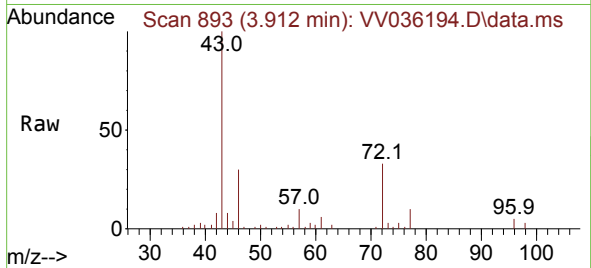




#22
2-Butanone
Concen: 34.674 ug/L
RT: 3.912 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

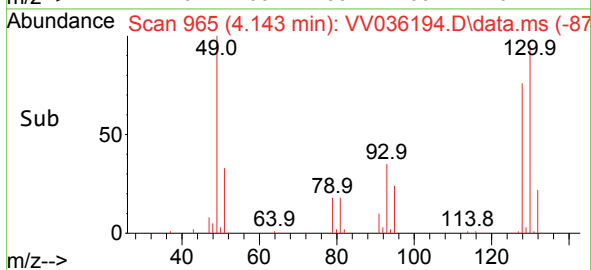
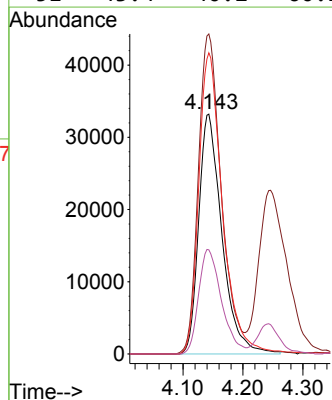
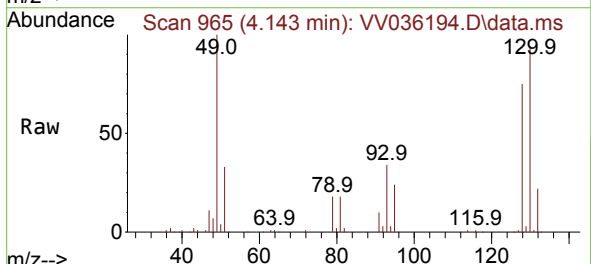
Instrument :
MSVOA_V
ClientSampleId :

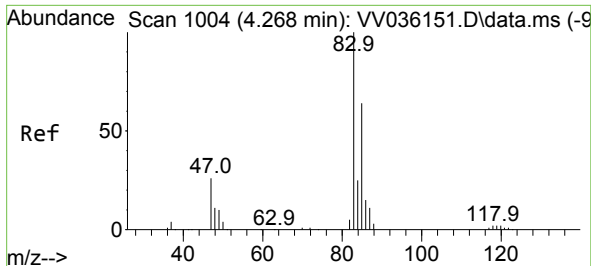
Tgt Ion: 43 Resp: 76802
Ion Ratio Lower Upper
43 100
72 15.7 8.2 24.4



#23
Bromochloromethane
Concen: 26.290 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.003 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

Tgt Ion: 128 Resp: 89547
Ion Ratio Lower Upper
128 100
49 133.4 110.2 204.6
130 125.6 90.2 167.4
51 43.4 40.2 60.2

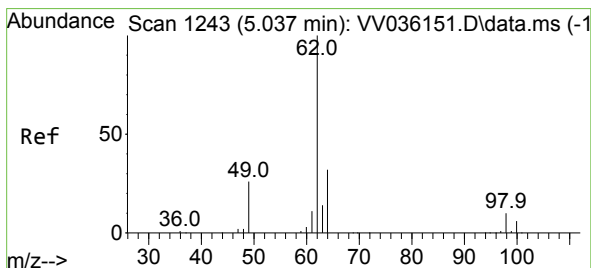
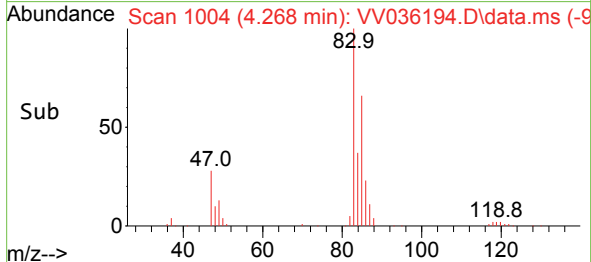
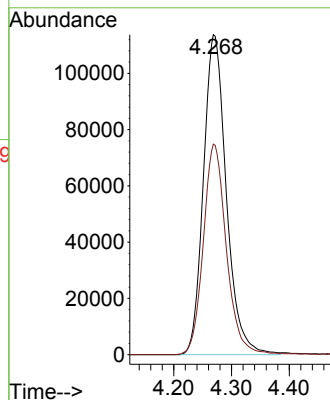
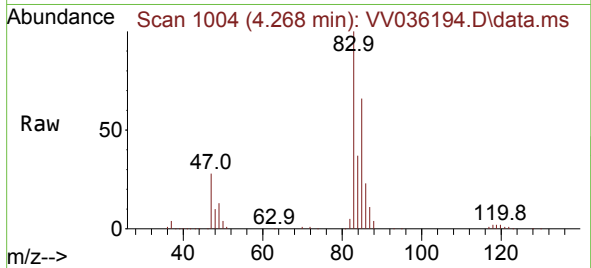




#25
Chloroform
Concen: 23.669 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

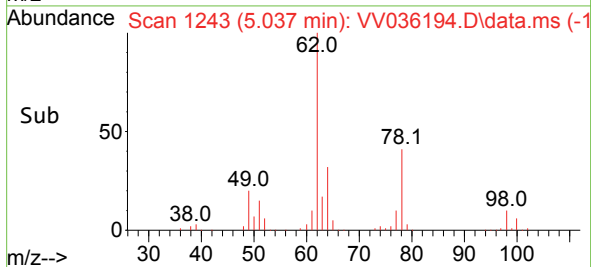
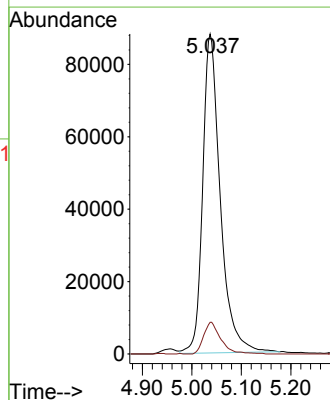
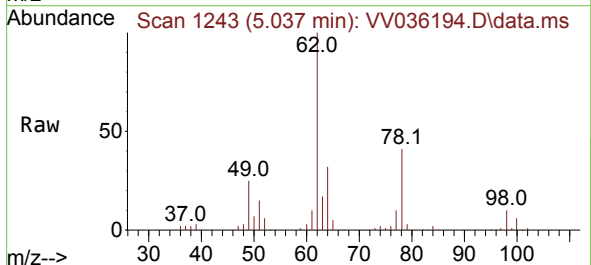
Instrument :
MSVOA_V
ClientSampleId :

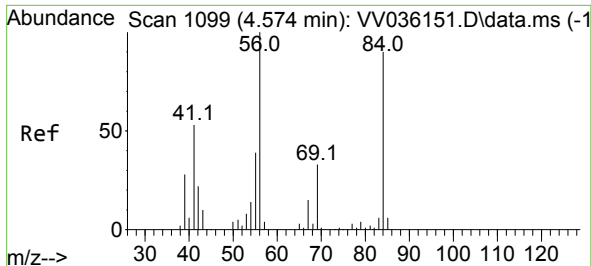
Tgt Ion: 83 Resp: 313338
Ion Ratio Lower Upper
83 100
85 65.8 45.2 84.0



#27
1,2-Dichloroethane
Concen: 26.305 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

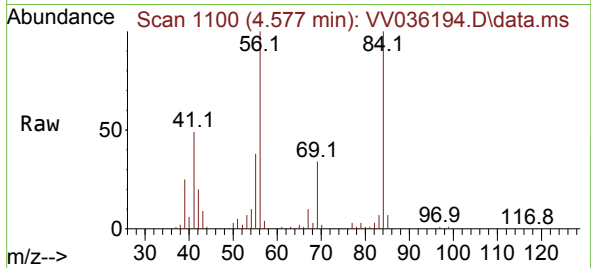
Tgt Ion: 62 Resp: 217412
Ion Ratio Lower Upper
62 100
98 9.9 7.8 11.6



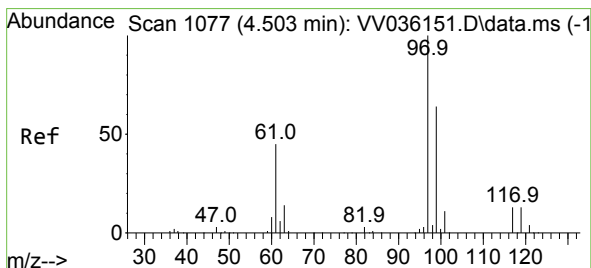
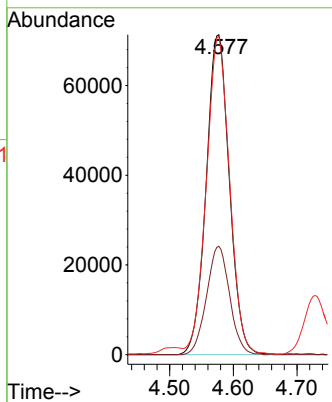
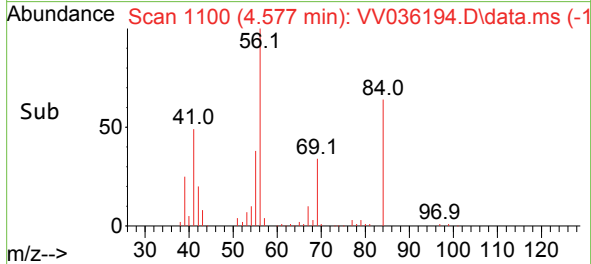


#29
Cyclohexane
Concen: 19.197 ug/L
RT: 4.577 min Scan# 1100
Delta R.T. 0.003 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

Instrument :
MSVOA_V
ClientSampleId :

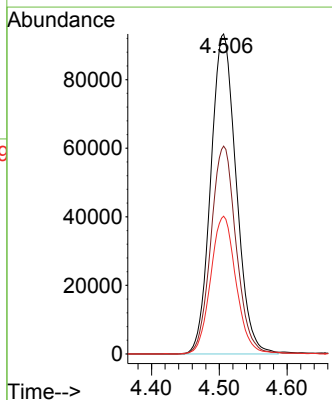
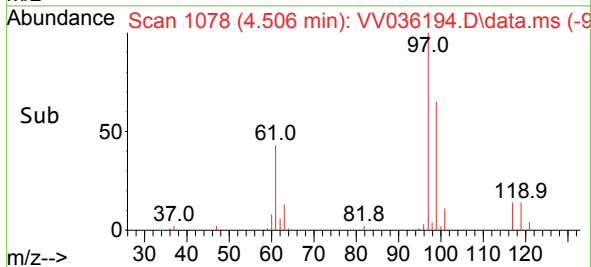
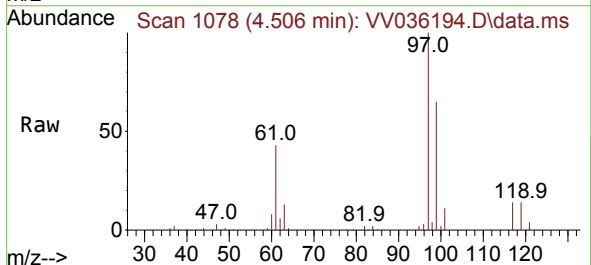


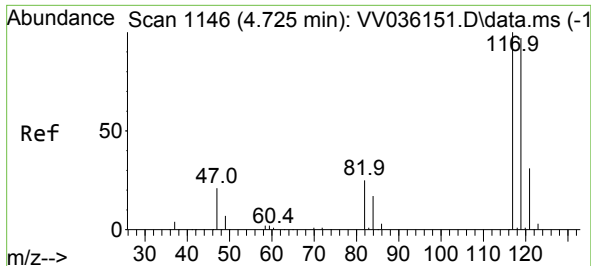
Tgt Ion: 56 Resp: 181119
Ion Ratio Lower Upper
56 100
69 33.6 25.2 37.8
84 99.4 72.2 108.2



#30
1,1,1-Trichloroethane
Concen: 22.454 ug/L
RT: 4.506 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

Tgt Ion: 97 Resp: 243244
Ion Ratio Lower Upper
97 100
99 64.6 50.9 76.3
61 42.9 35.0 52.6

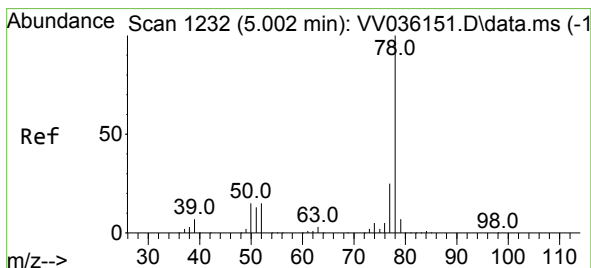
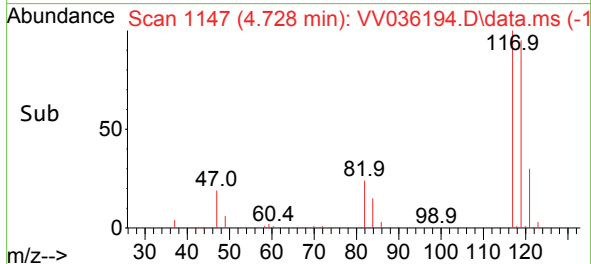
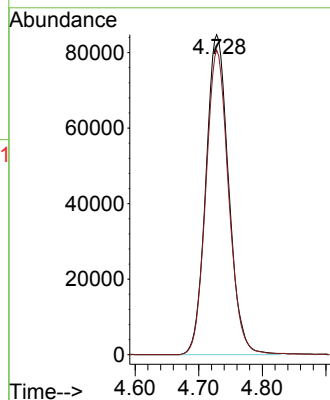
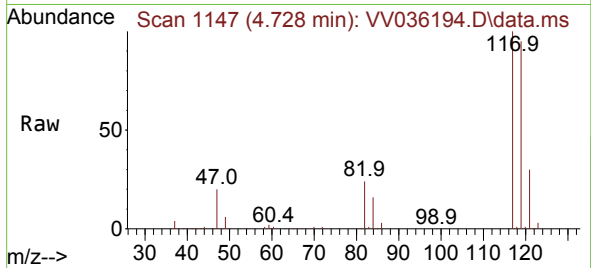




#31
Carbon tetrachloride
Concen: 22.172 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

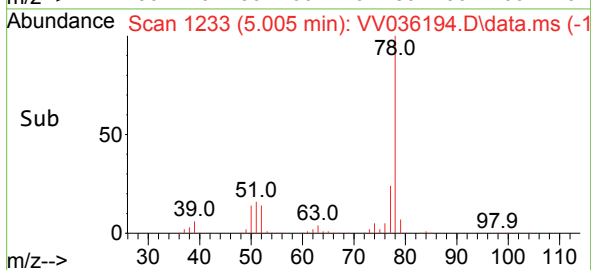
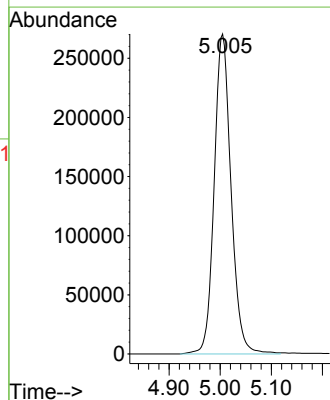
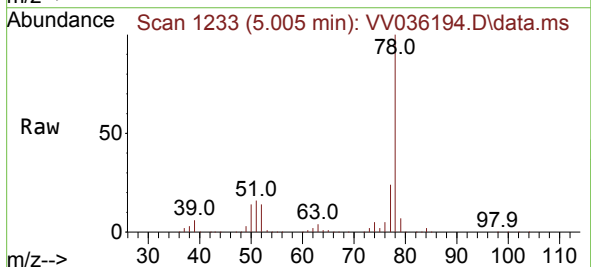
Instrument :
MSVOA_V
ClientSampleId :

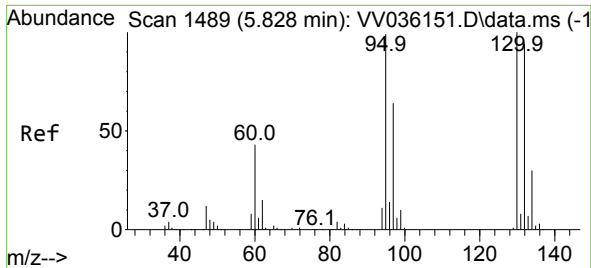
Tgt Ion:117 Resp: 210715
Ion Ratio Lower Upper
117 100
119 94.8 76.8 115.2



#33
Benzene
Concen: 23.909 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.003 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

Tgt Ion: 78 Resp: 619631

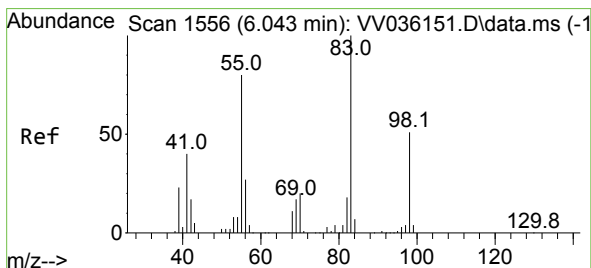
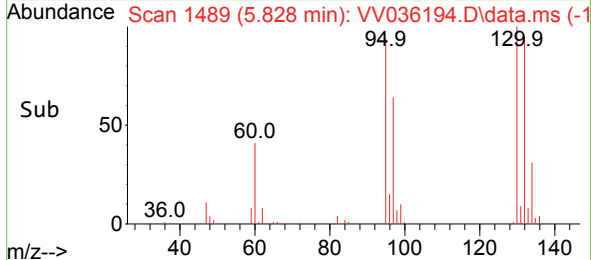
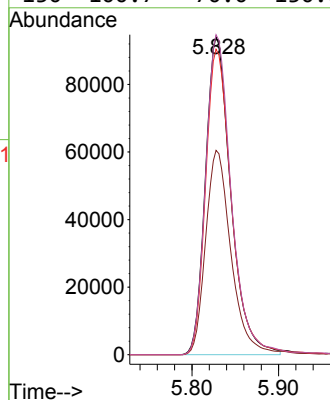
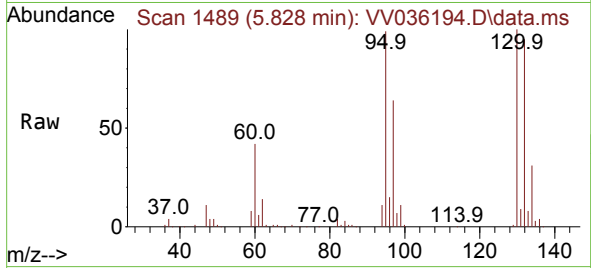




#34
 Trichloroethene
 Concen: 24.144 ug/L
 RT: 5.828 min Scan# 1489
 Delta R.T. 0.003 min
 Lab File: VV036194.D
 Acq: 21 Jun 2024 04:17

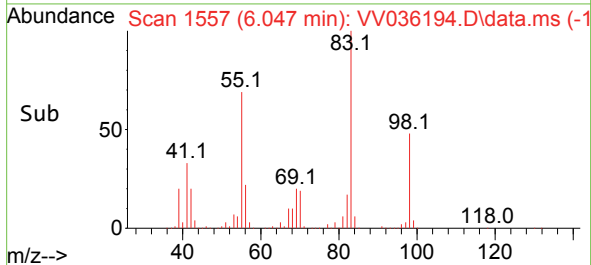
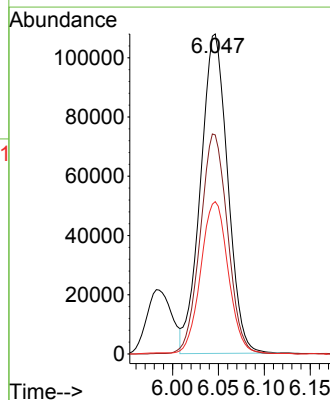
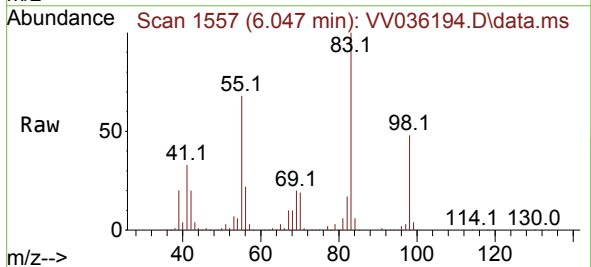
Instrument :
 MSVOA_V
 ClientSampleId :

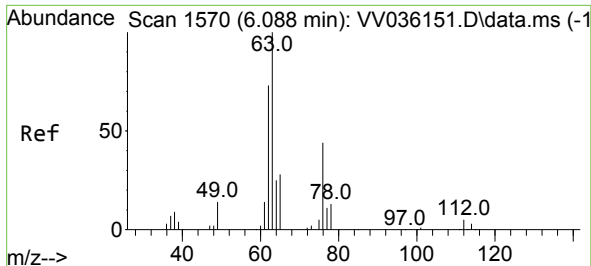
Tgt Ion: 95 Resp: 191776
 Ion Ratio Lower Upper
 95 100
 97 64.3 44.8 83.2
 132 96.1 66.8 124.2
 130 100.7 70.0 130.0



#35
 Methylcyclohexane
 Concen: 20.204 ug/L
 RT: 6.047 min Scan# 1557
 Delta R.T. 0.003 min
 Lab File: VV036194.D
 Acq: 21 Jun 2024 04:17

Tgt Ion: 83 Resp: 221922
 Ion Ratio Lower Upper
 83 100
 55 69.6 60.7 91.1
 98 48.3 38.7 58.1





#37

1,2-Dichloropropane

Concen: 23.480 ug/L

RT: 6.088 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VV036194.D

Acq: 21 Jun 2024 04:17

Instrument :

MSVOA_V

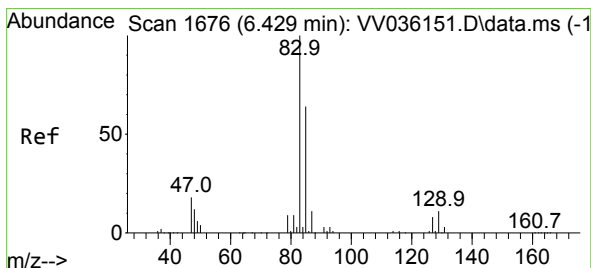
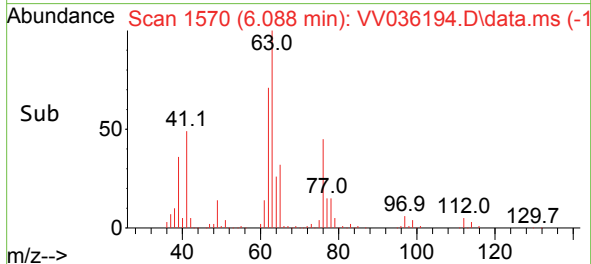
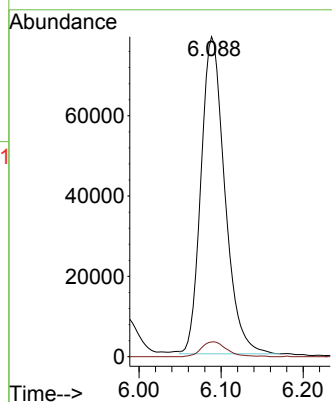
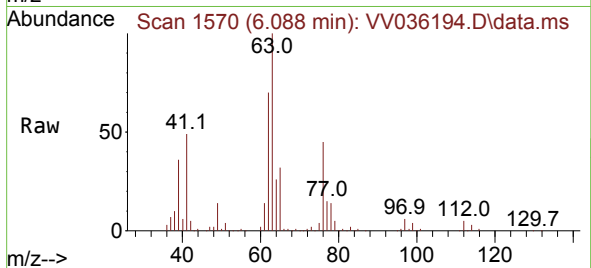
ClientSampleId :

Tgt Ion: 63 Resp: 159780

Ion Ratio Lower Upper

63 100

112 5.0 3.5 5.3



#38

Bromodichloromethane

Concen: 25.147 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VV036194.D

Acq: 21 Jun 2024 04:17

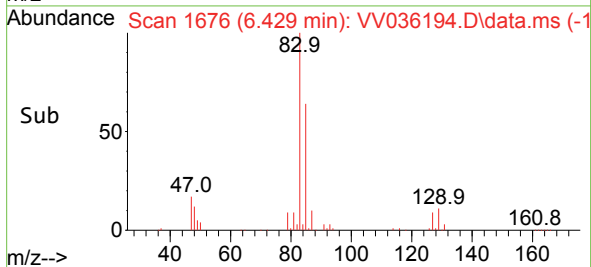
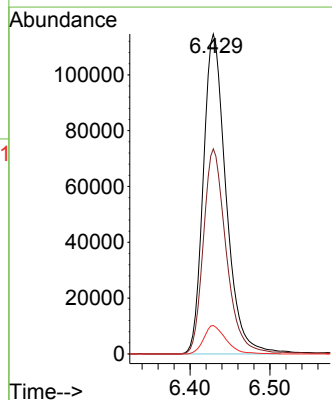
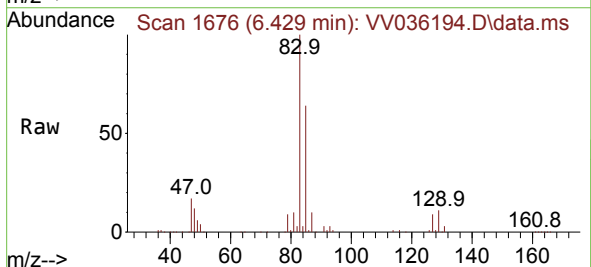
Tgt Ion: 83 Resp: 226502

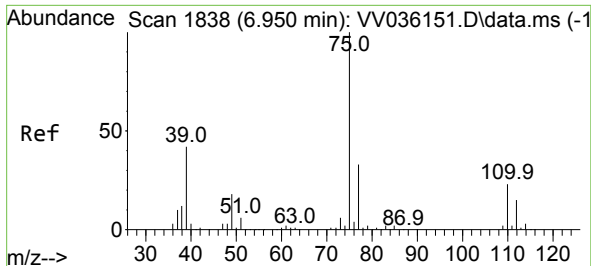
Ion Ratio Lower Upper

83 100

85 64.1 45.3 84.1

127 8.9 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 23.347 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. -0.000 min

Lab File: VV036194.D

Acq: 21 Jun 2024 04:17

Instrument :

MSVOA_V

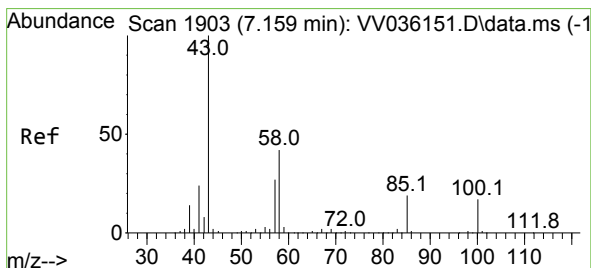
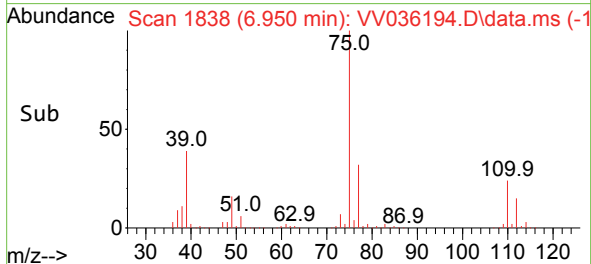
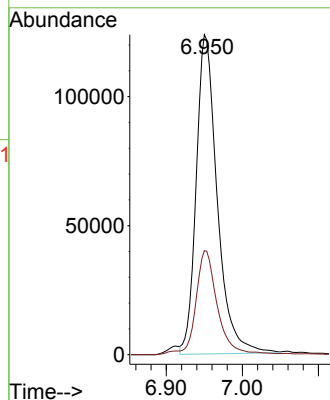
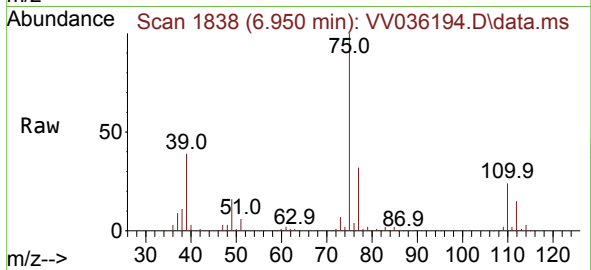
ClientSampleId :

Tgt Ion: 75 Resp: 237630

Ion Ratio Lower Upper

75 100

77 32.5 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 53.484 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV036194.D

Acq: 21 Jun 2024 04:17

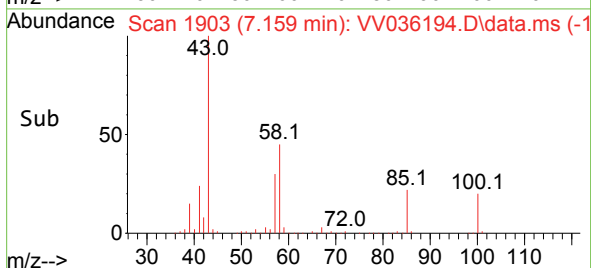
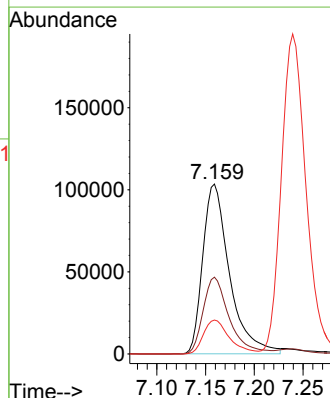
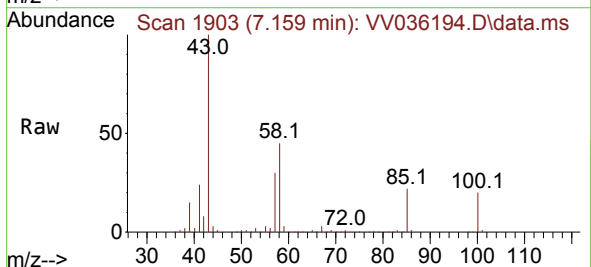
Tgt Ion: 43 Resp: 197744

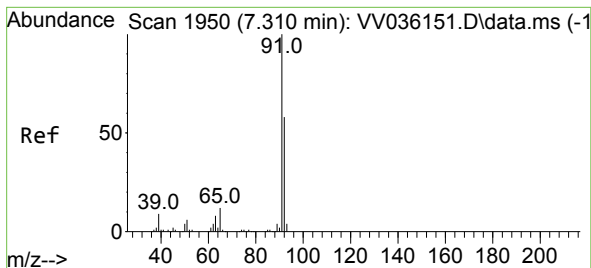
Ion Ratio Lower Upper

43 100

58 44.3 32.5 48.7

100 19.5 12.5 18.7





#42

Toluene

Concen: 25.170 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV036194.D

Acq: 21 Jun 2024 04:17

Instrument :

MSVOA_V

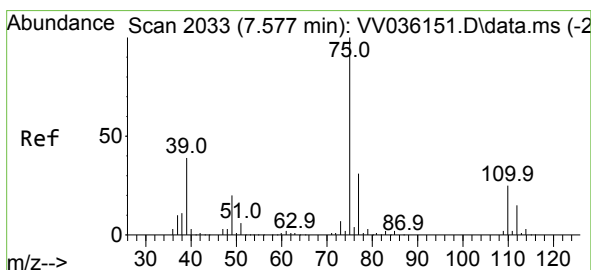
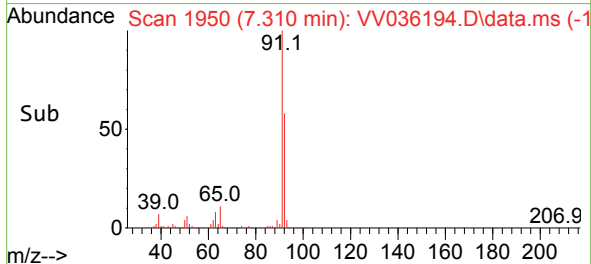
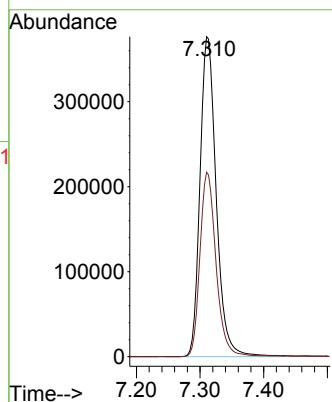
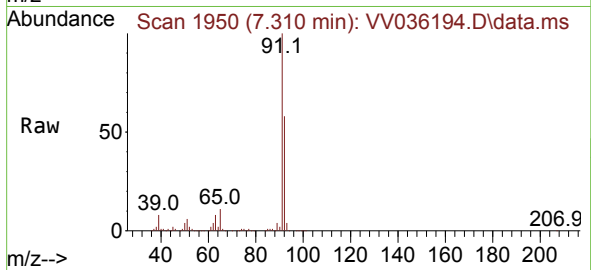
ClientSampleId :

Tgt Ion: 91 Resp: 666542

Ion Ratio Lower Upper

91 100

92 57.7 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 25.353 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV036194.D

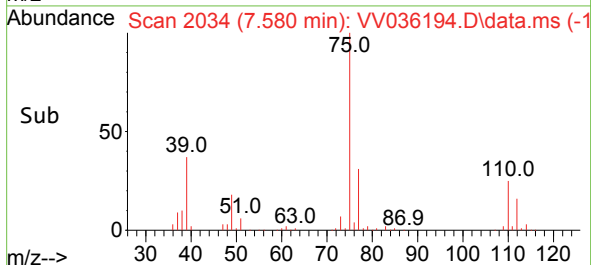
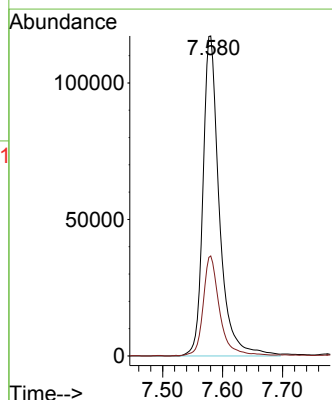
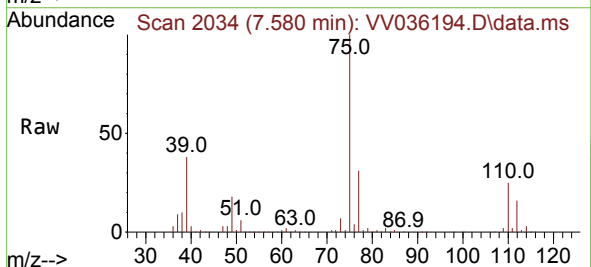
Acq: 21 Jun 2024 04:17

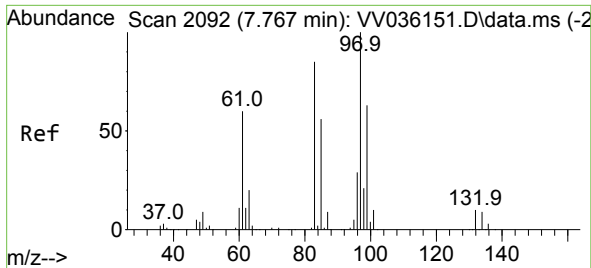
Tgt Ion: 75 Resp: 222892

Ion Ratio Lower Upper

75 100

77 31.2 23.1 42.9

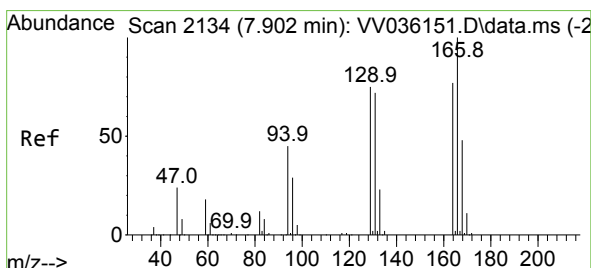
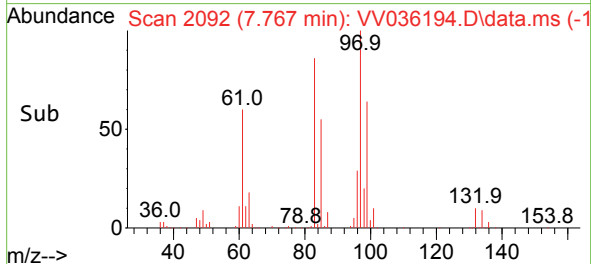
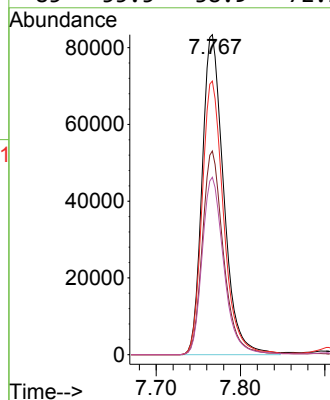
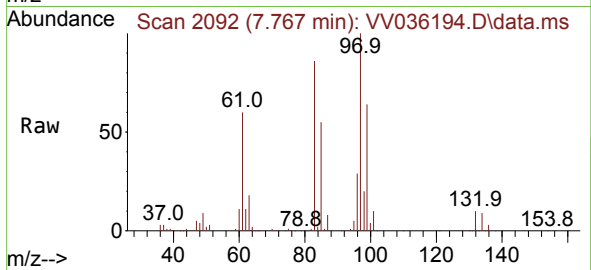




#45
 1,1,2-Trichloroethane
 Concen: 26.425 ug/L
 RT: 7.767 min Scan# 2092
 Delta R.T. -0.000 min
 Lab File: VV036194.D
 Acq: 21 Jun 2024 04:17

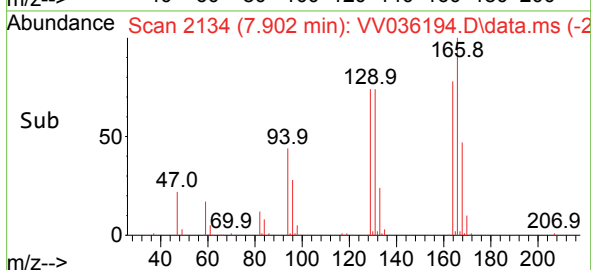
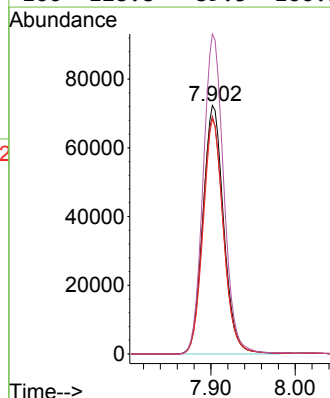
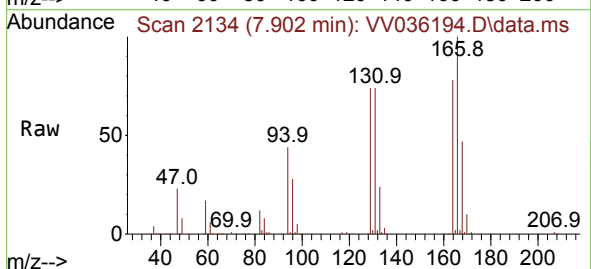
Instrument :
 MSVOA_V
 ClientSampleId :

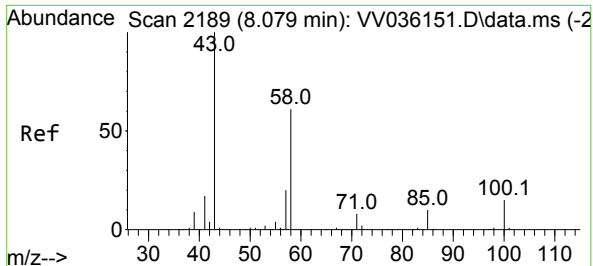
Tgt Ion:	97	Resp:	148787
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.3	80.5
83	85.5	60.1	111.7
85	55.5	38.9	72.3



#46
 Tetrachloroethene
 Concen: 21.349 ug/L
 RT: 7.902 min Scan# 2134
 Delta R.T. -0.000 min
 Lab File: VV036194.D
 Acq: 21 Jun 2024 04:17

Tgt Ion:	164	Resp:	124019
Ion	Ratio	Lower	Upper
164	100		
129	95.6	64.6	120.0
131	94.7	63.2	117.4
166	128.8	89.5	166.3



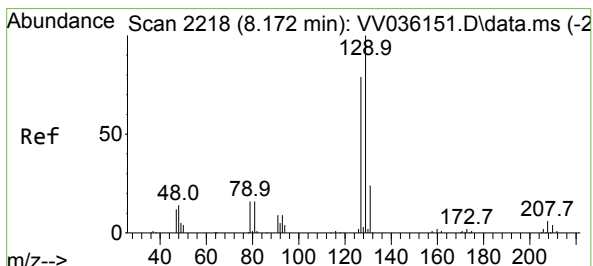
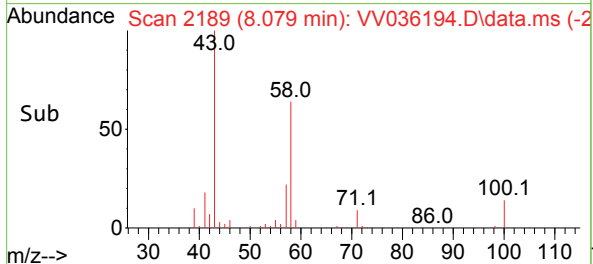
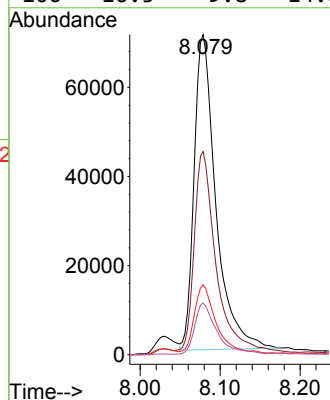
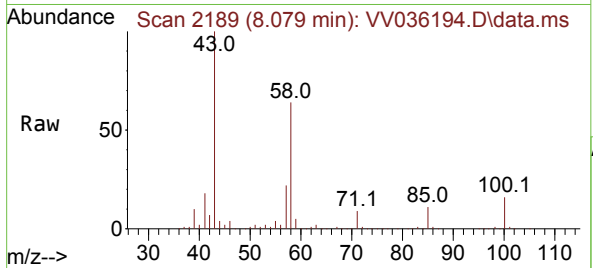


#48
2-Hexanone
Concen: 46.428 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 134197

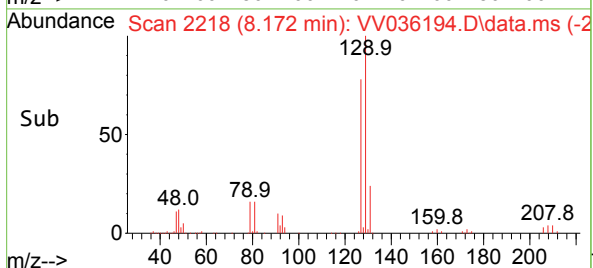
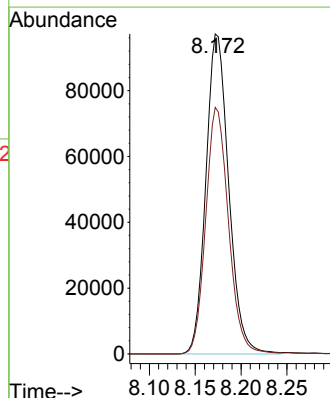
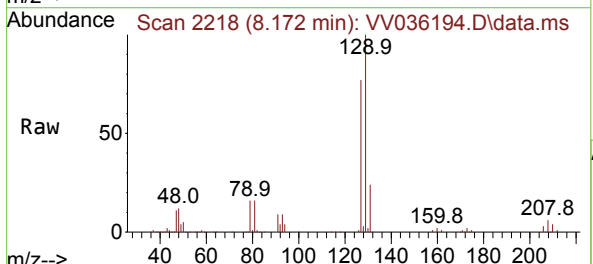
Ion	Ratio	Lower	Upper
43	100		
58	64.7	45.4	68.0
57	20.5	15.8	23.8
100	16.5	9.8	14.8

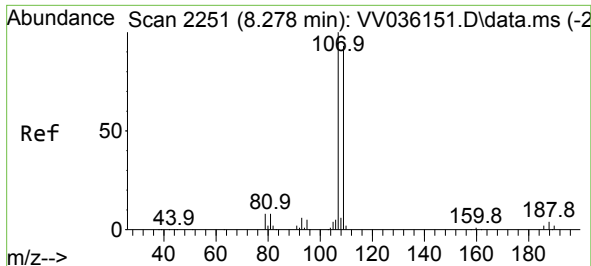


#49
Dibromochloromethane
Concen: 27.364 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

Tgt Ion: 129 Resp: 168628

Ion	Ratio	Lower	Upper
129	100		
127	77.0	53.9	100.1





#50

1,2-Dibromoethane

Concen: 28.047 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV036194.D

Acq: 21 Jun 2024 04:17

Instrument :

MSVOA_V

ClientSampleId :

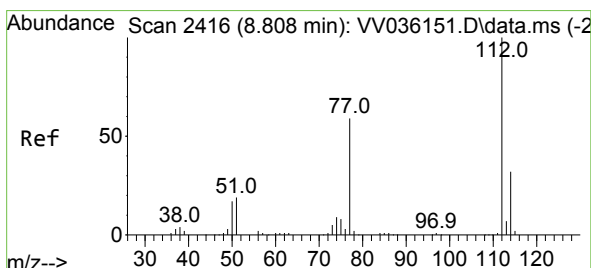
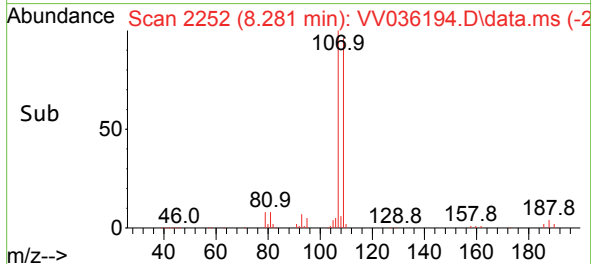
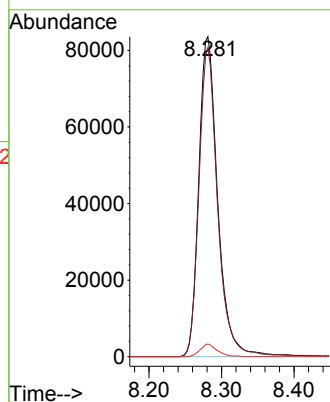
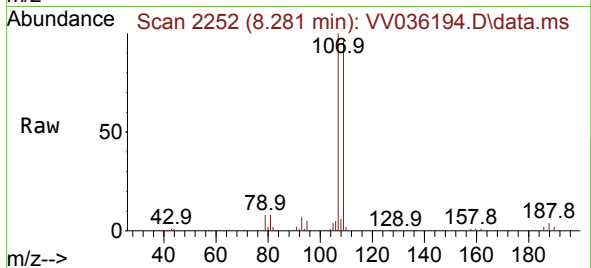
Tgt Ion:107 Resp: 151528

Ion Ratio Lower Upper

107 100

109 96.5 66.1 122.7

188 4.0 3.0 4.6



#51

Chlorobenzene

Concen: 24.923 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV036194.D

Acq: 21 Jun 2024 04:17

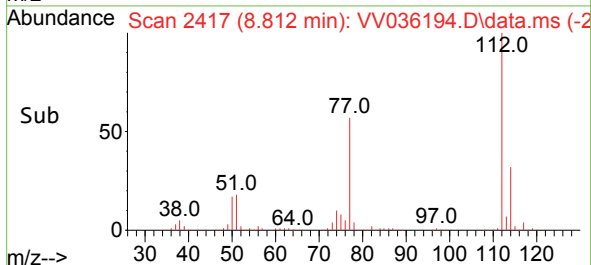
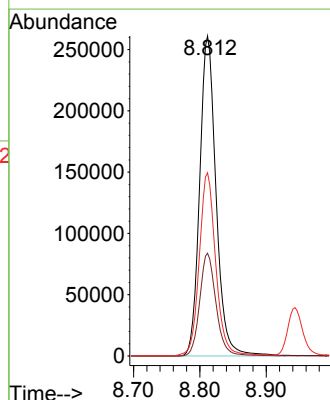
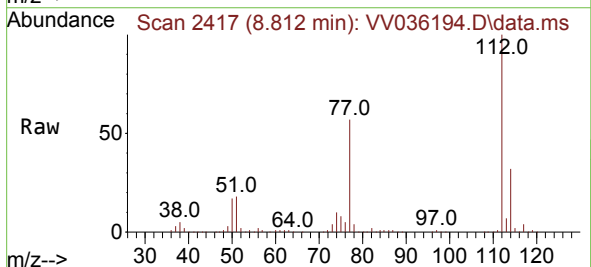
Tgt Ion:112 Resp: 449702

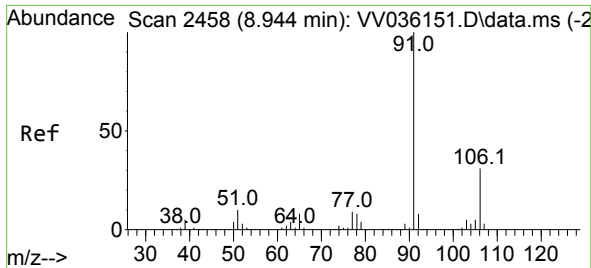
Ion Ratio Lower Upper

112 100

114 32.1 22.3 41.5

77 57.3 47.3 70.9

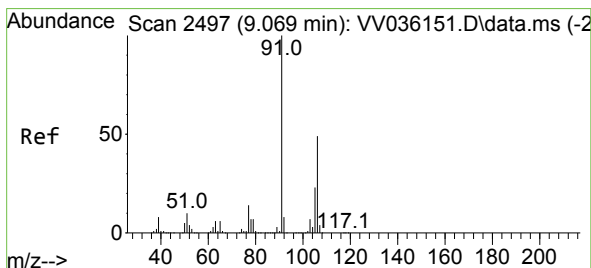
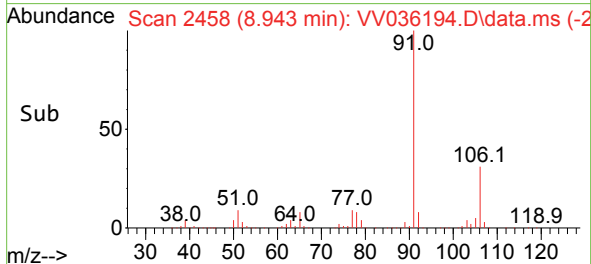
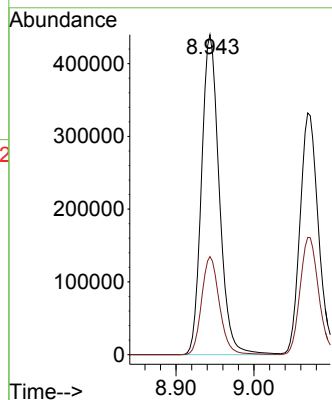
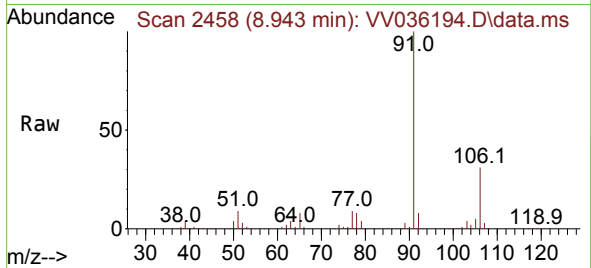




#52
Ethylbenzene
Concen: 24.557 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

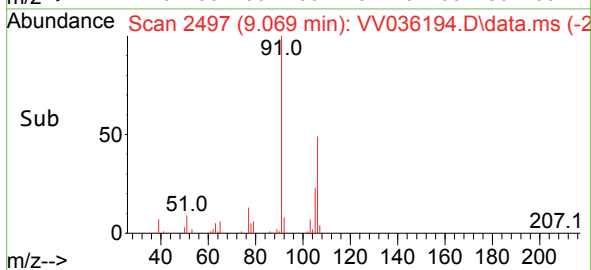
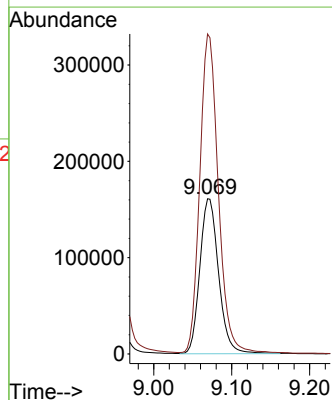
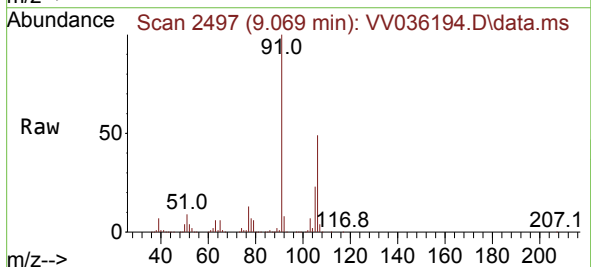
Instrument :
MSVOA_V
ClientSampleId :

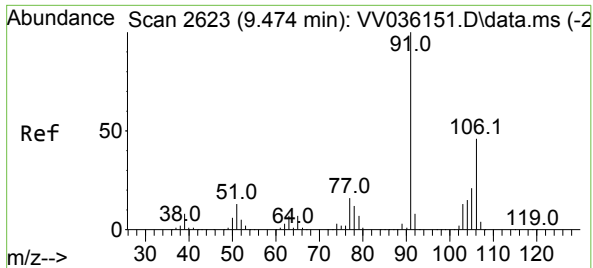
Tgt Ion: 91 Resp: 695766
Ion Ratio Lower Upper
91 100
106 30.6 21.6 40.0



#53
m,p-Xylene
Concen: 25.348 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

Tgt Ion: 106 Resp: 269850
Ion Ratio Lower Upper
106 100
91 206.1 143.1 265.9

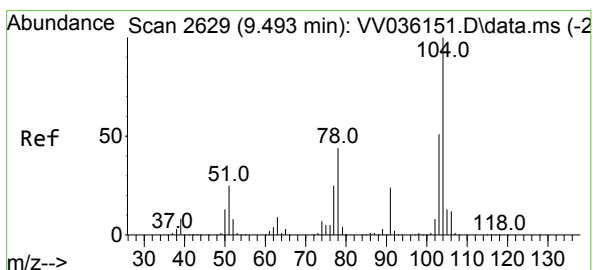
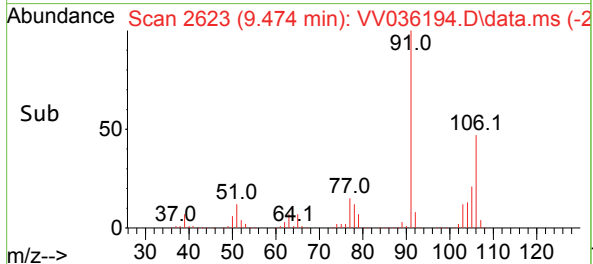
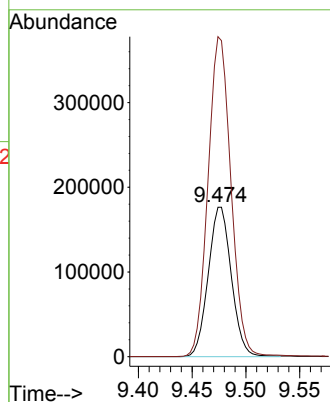
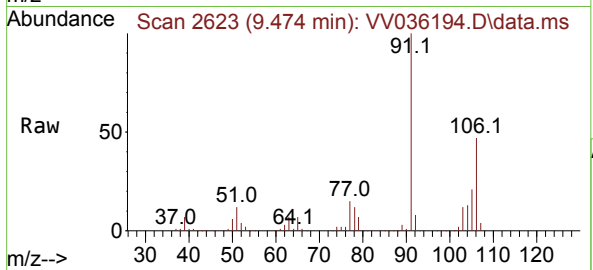




#54
o-Xylene
Concen: 26.292 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

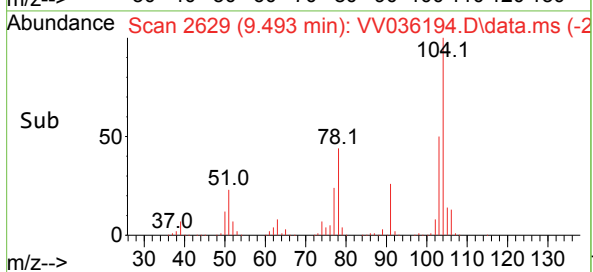
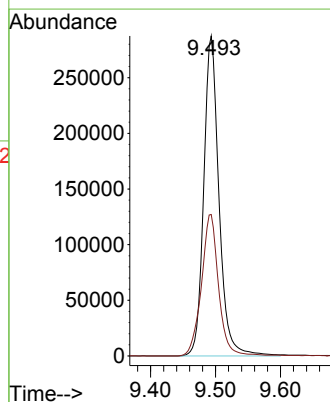
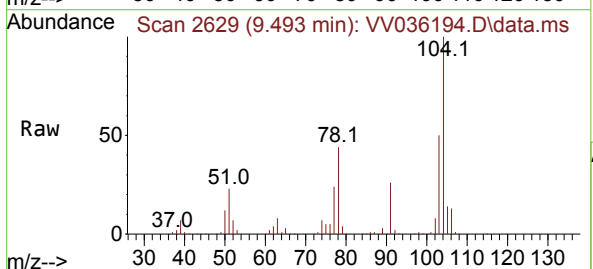
Instrument :
MSVOA_V
ClientSampleId :

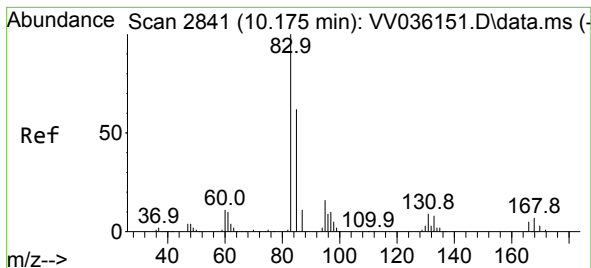
Tgt Ion:106 Resp: 263957
Ion Ratio Lower Upper
106 100
91 214.0 154.5 286.9



#55
Styrene
Concen: 26.617 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

Tgt Ion:104 Resp: 471235
Ion Ratio Lower Upper
104 100
78 44.2 31.4 58.2

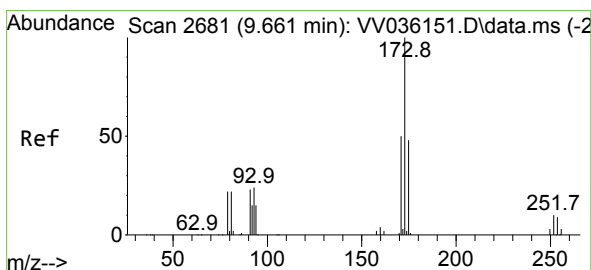
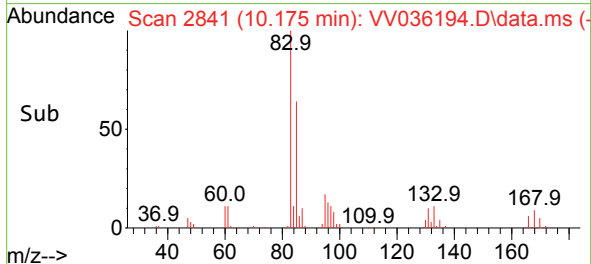
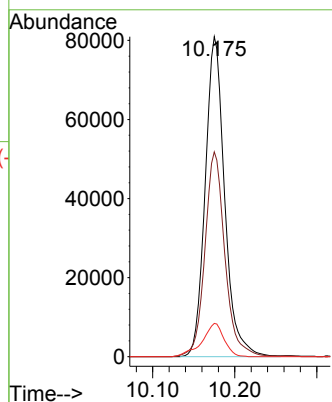
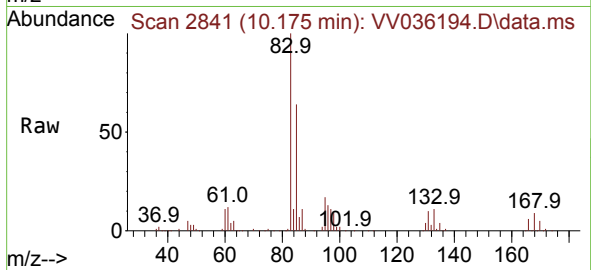




#57
1,1,2,2-Tetrachloroethane
Concen: 26.457 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

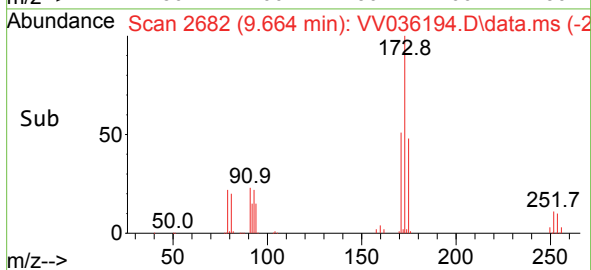
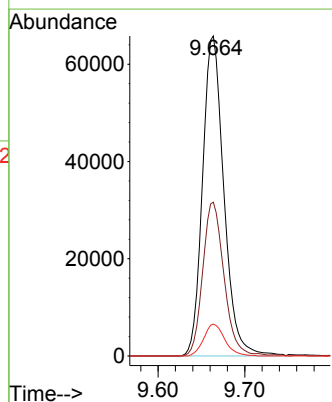
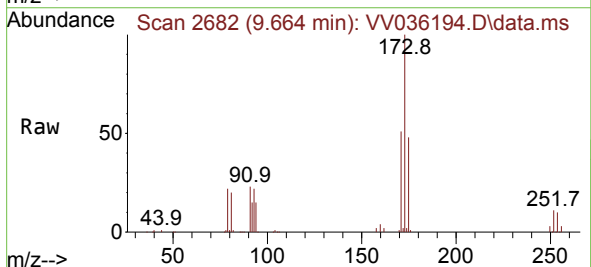
Instrument :
MSVOA_V
ClientSampleId :

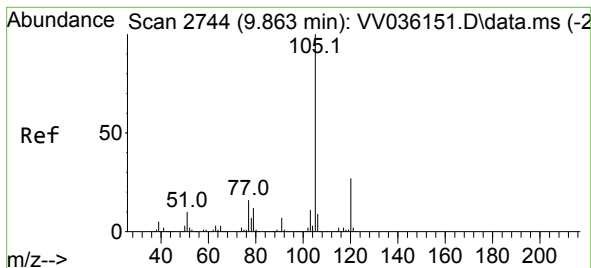
Tgt Ion: 83 Resp: 133390
Ion Ratio Lower Upper
83 100
85 64.0 45.1 83.7
131 10.4 7.6 11.4



#59
Bromoform
Concen: 28.013 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

Tgt Ion: 173 Resp: 112606
Ion Ratio Lower Upper
173 100
175 47.6 39.0 58.6
254 9.8 8.6 13.0





#60

Isopropylbenzene

Concen: 24.528 ug/L

RT: 9.863 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV036194.D

Acq: 21 Jun 2024 04:17

Instrument :

MSVOA_V

ClientSampleId :

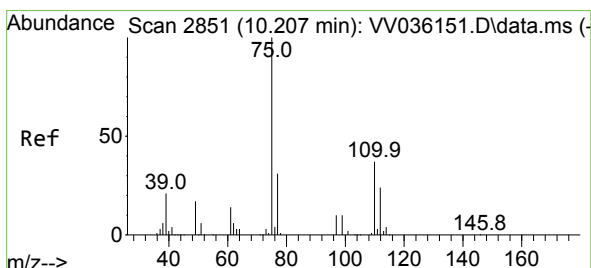
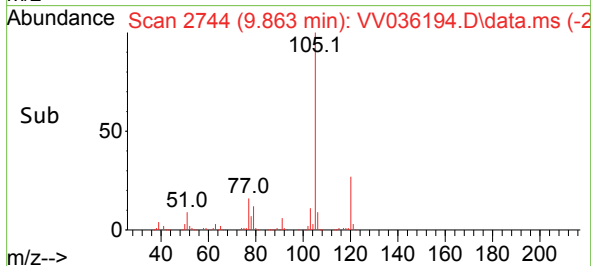
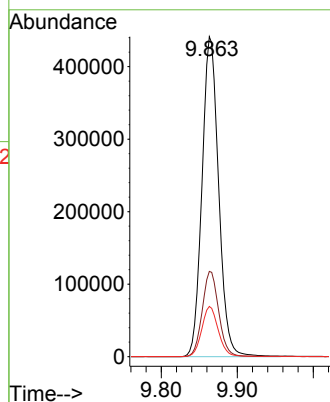
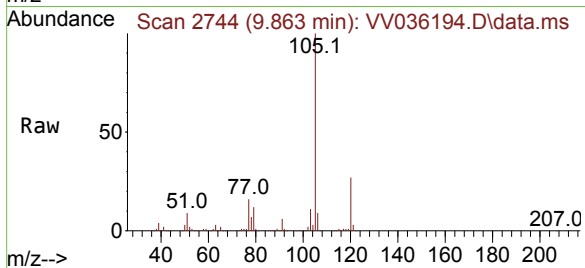
Tgt Ion:105 Resp: 670744

Ion Ratio Lower Upper

105 100

120 26.5 21.0 31.6

77 15.5 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 27.633 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. -0.000 min

Lab File: VV036194.D

Acq: 21 Jun 2024 04:17

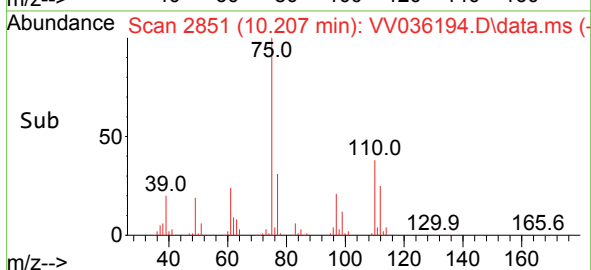
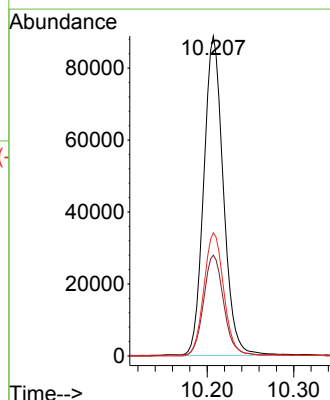
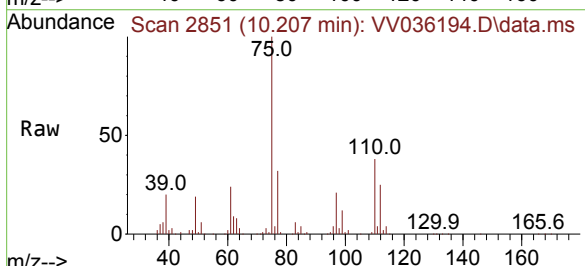
Tgt Ion: 75 Resp: 139307

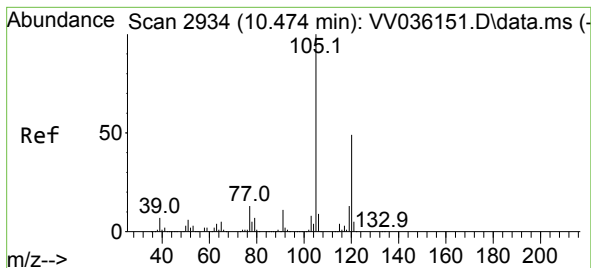
Ion Ratio Lower Upper

75 100

77 31.8 26.0 39.0

110 39.4 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 24.837 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV036194.D

Acq: 21 Jun 2024 04:17

Instrument :

MSVOA_V

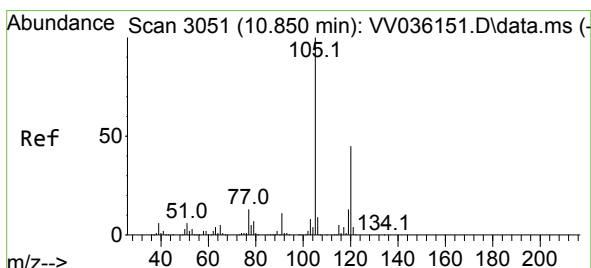
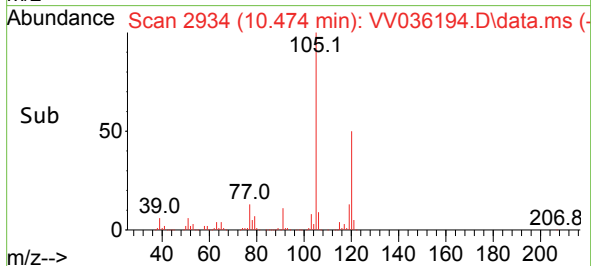
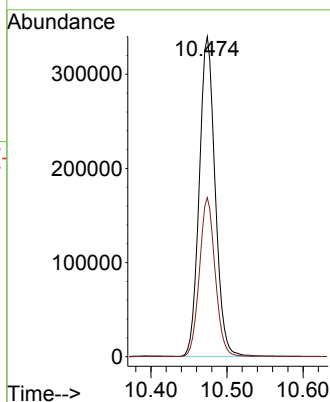
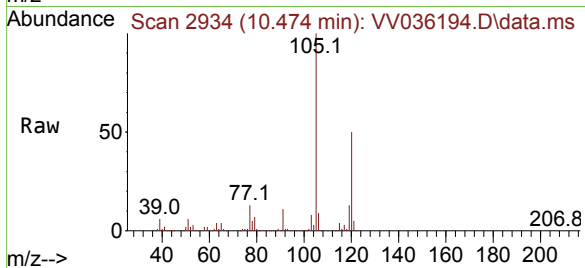
ClientSampleId :

Tgt Ion:105 Resp: 492506

Ion Ratio Lower Upper

105 100

120 49.2 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 26.238 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.003 min

Lab File: VV036194.D

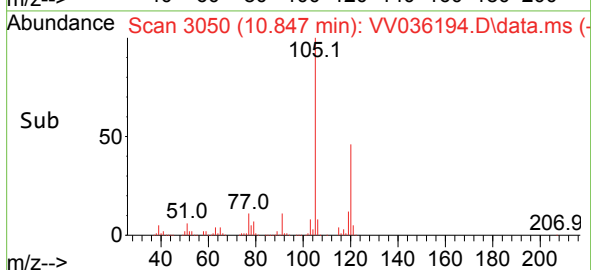
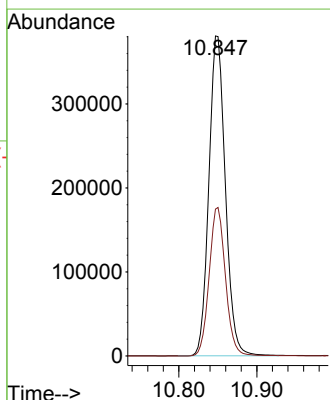
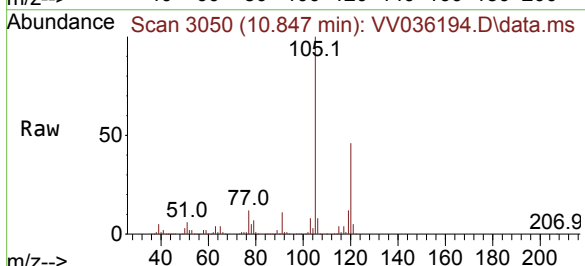
Acq: 21 Jun 2024 04:17

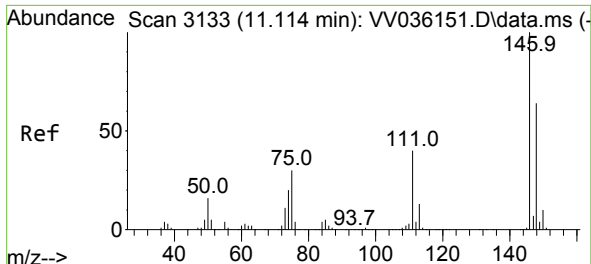
Tgt Ion:105 Resp: 560571

Ion Ratio Lower Upper

105 100

120 46.1 36.2 54.4

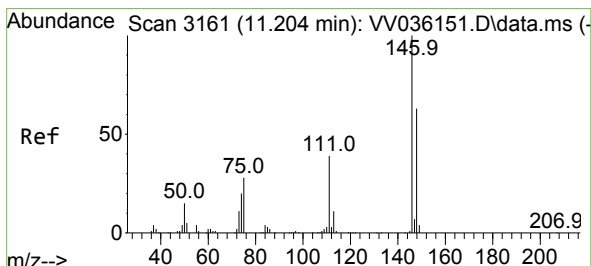
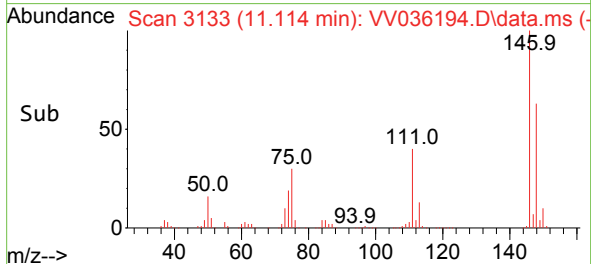
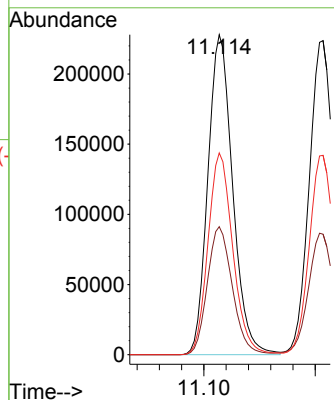
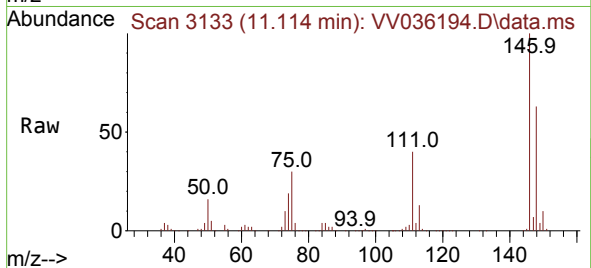




#64
1,3-Dichlorobenzene
Concen: 24.541 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

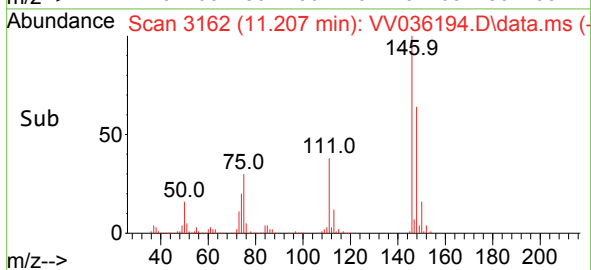
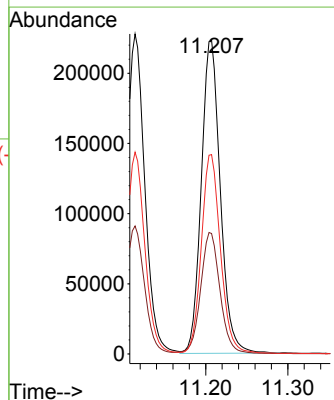
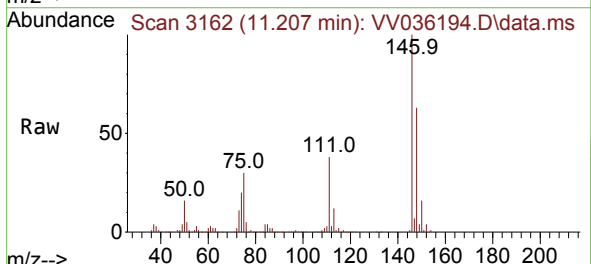
Instrument :
MSVOA_V
ClientSampleId :

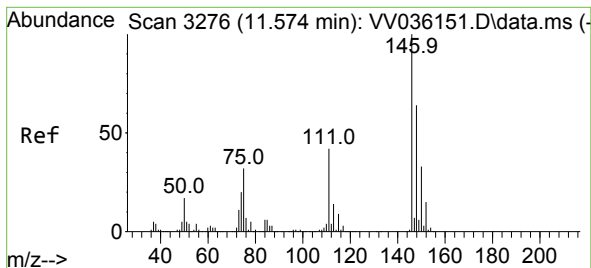
Tgt Ion:146 Resp: 352435
Ion Ratio Lower Upper
146 100
111 40.0 28.1 52.1
148 63.1 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 24.189 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV036194.D
Acq: 21 Jun 2024 04:17

Tgt Ion:146 Resp: 358552
Ion Ratio Lower Upper
146 100
111 38.4 26.9 50.1
148 63.5 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 25.333 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV036194.D

Acq: 21 Jun 2024 04:17

Instrument :

MSVOA_V

ClientSampleId :

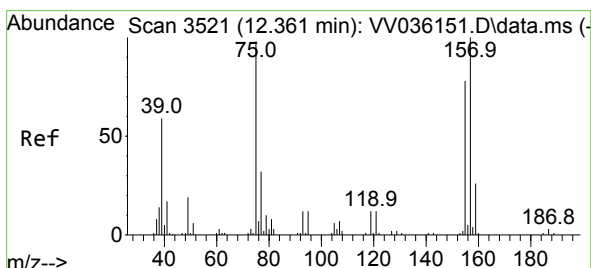
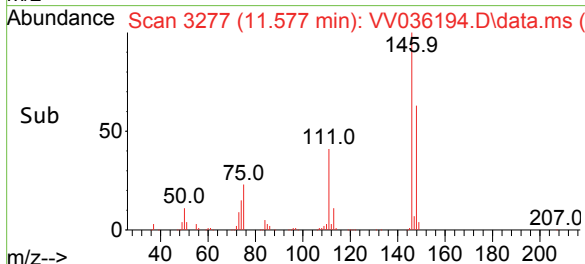
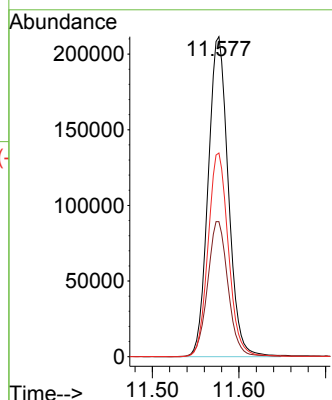
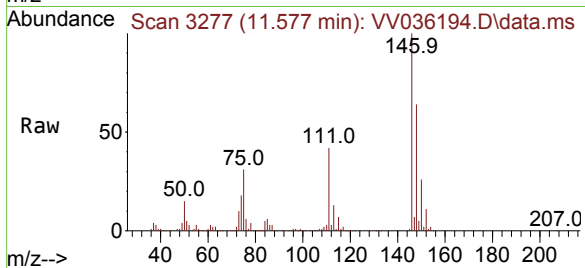
Tgt Ion:146 Resp: 342353

Ion Ratio Lower Upper

146 100

111 42.2 33.5 50.3

148 63.7 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 27.334 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV036194.D

Acq: 21 Jun 2024 04:17

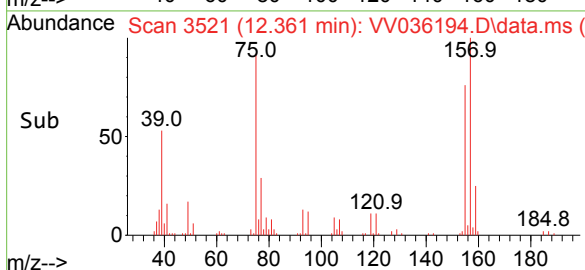
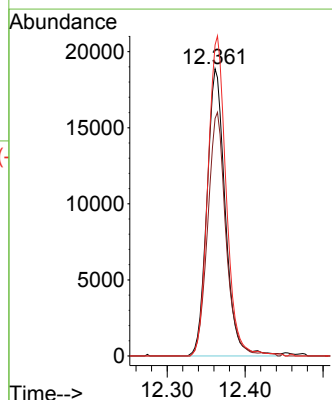
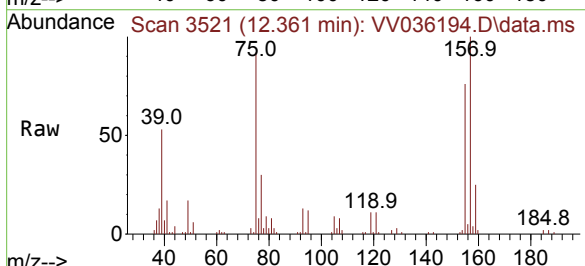
Tgt Ion: 75 Resp: 30814

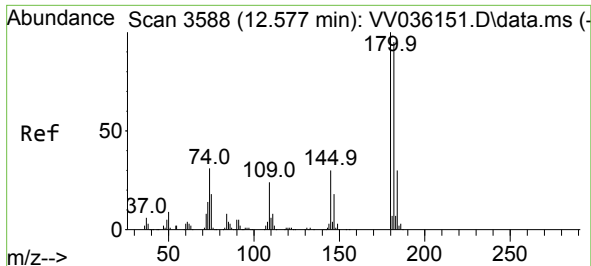
Ion Ratio Lower Upper

75 100

155 82.7 63.3 94.9

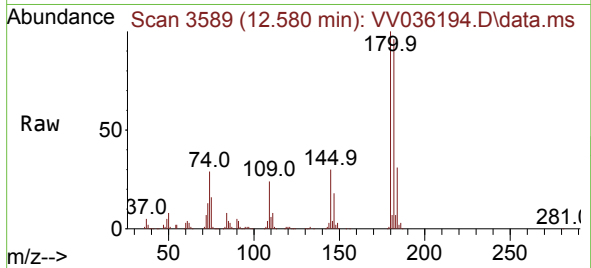
157 108.3 82.4 123.6



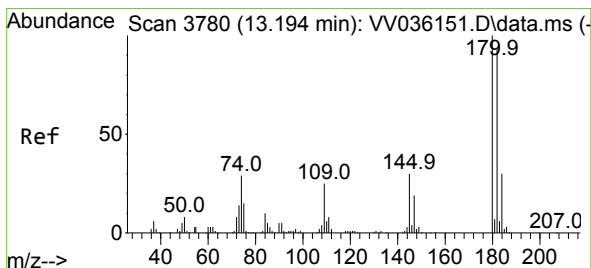
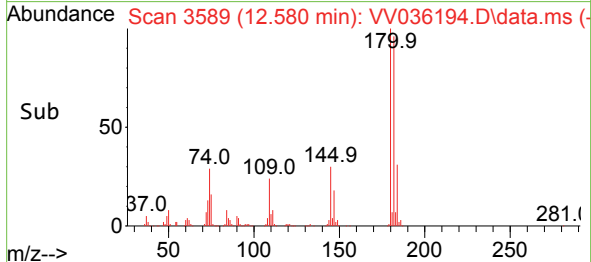
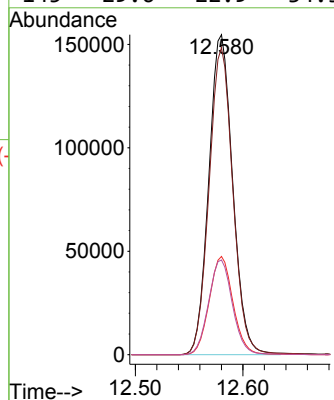


#69
 1,3,5-Trichlorobenzene
 Concen: 22.190 ug/L
 RT: 12.580 min Scan# 3589
 Delta R.T. -0.000 min
 Lab File: VV036194.D
 Acq: 21 Jun 2024 04:17

Instrument :
 MSVOA_V
 ClientSampleId :

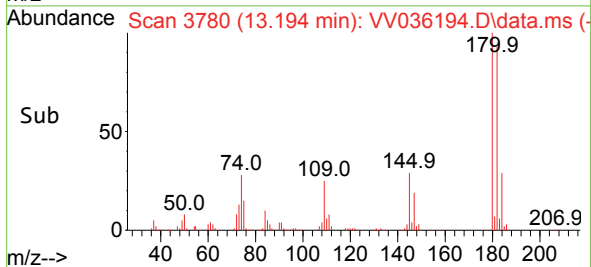
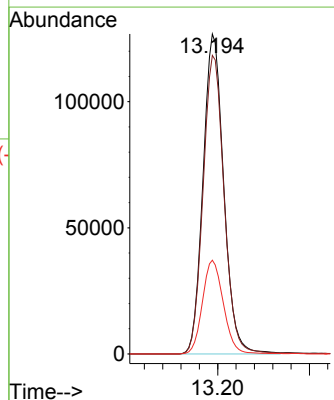
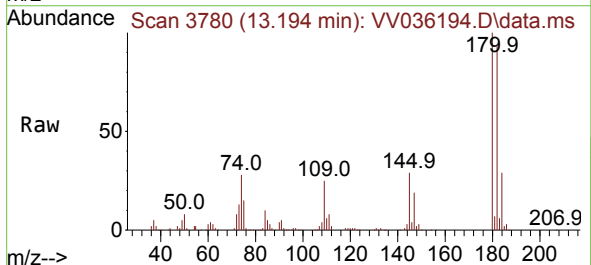


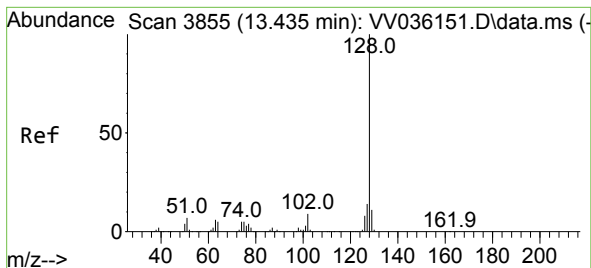
Tgt Ion:180 Resp: 238380
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.2 114.4
 184 30.6 24.2 36.2
 145 29.6 22.9 34.3



#70
 1,2,4-trichlorobenzene
 Concen: 23.511 ug/L
 RT: 13.194 min Scan# 3780
 Delta R.T. -0.000 min
 Lab File: VV036194.D
 Acq: 21 Jun 2024 04:17

Tgt Ion:180 Resp: 198865
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.1 114.1
 145 29.6 23.5 35.3





#71

Naphthalene

Concen: 30.824 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV036194.D

Acq: 21 Jun 2024 04:17

Instrument :

MSVOA_V

ClientSampleId :

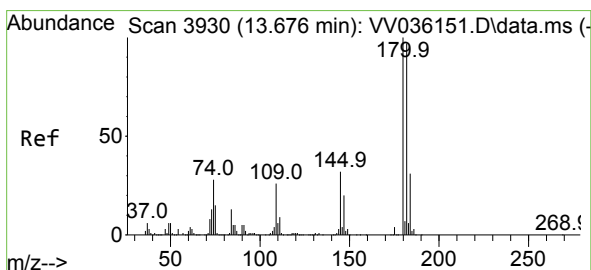
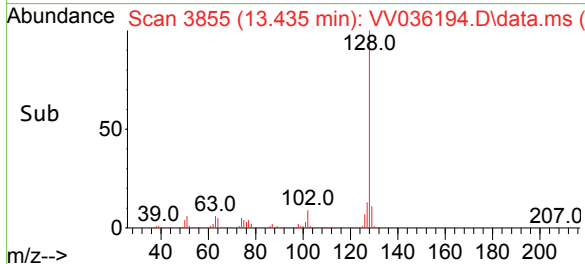
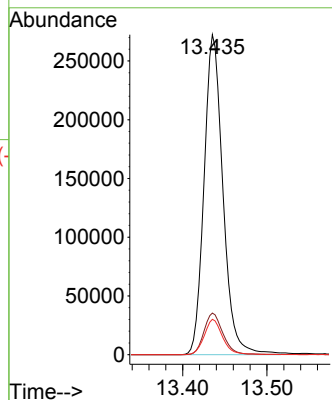
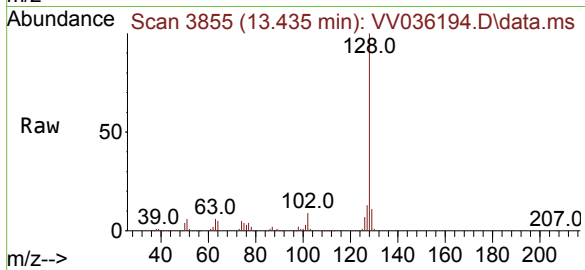
Tgt Ion:128 Resp: 425482

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 25.612 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV036194.D

Acq: 21 Jun 2024 04:17

Tgt Ion:180 Resp: 197684

Ion Ratio Lower Upper

180 100

182 95.2 75.1 112.7

145 32.1 25.2 37.8

