

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
 Data File : VV036196.D
 Acq On : 21 Jun 2024 10:24
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 14:20:19 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	325744	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	329051	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	173730	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	104831	17.505	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.000%
7) Chloroethane-d5	1.526	69	91455	19.152	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.050	65	52011	19.508	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.040%
21) 2-Butanone-d5	3.841	46	64049	46.613	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.220%
24) Chloroform-d	4.243	84	226983	21.918	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.680%
26) 1,2-Dichloroethane-d4	4.937	65	120204	22.138	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.560%
32) Benzene-d6	4.953	84	426467	21.804	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	5.982	67	131077	21.280	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.120%
41) Toluene-d8	7.239	98	390426	22.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.480%
43) trans-1,3-Dichloroprop...	7.551	79	59232	23.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.800%
47) 2-Hexanone-d5	8.030	63	47678	57.132	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.260%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	111612	24.249	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.557	152	144615	22.699	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	124625	21.218	ug/L	100
3) Chloromethane	1.211	50	135906	20.162	ug/L	99
5) Vinyl chloride	1.278	62	154985	21.841	ug/L	99
6) Bromomethane	1.481	94	105900	24.056	ug/L	99
8) Chloroethane	1.542	64	99575	22.575	ug/L	97
9) Trichlorofluoromethane	1.706	101	225269	25.562	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	142216	25.428	ug/L	99
12) 1,1-Dichloroethene	2.059	96	128649	24.663	ug/L	96
13) Acetone	2.384	43	56688	26.485	ug/L	69
14) Carbon disulfide	2.230	76	405377	22.379	ug/L	99
15) Methyl Acetate	2.384	43	62376	23.446	ug/L	95
16) Methylene chloride	2.439	84	166197	22.548	ug/L	96
17) trans-1,2-Dichloroethene	2.686	96	136326	24.603	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	349422	28.089	ug/L	99
19) 1,1-Dichloroethane	3.104	63	253661	24.038	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	143645	25.799	ug/L	99
22) 2-Butanone	3.908	43	78368	43.151	ug/L	94
23) Bromochloromethane	4.140	128	73808	26.427	ug/L	95
25) Chloroform	4.268	83	271084	24.973	ug/L	99

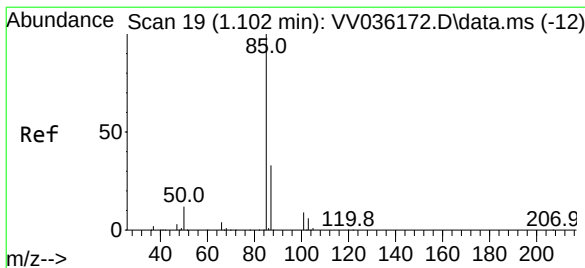
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
 Data File : VV036196.D
 Acq On : 21 Jun 2024 10:24
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 14:20:19 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)
27) 1,2-Dichloroethane	5.037	62	181212	26.740	ug/L	99
29) Cyclohexane	4.574	56	196072	25.027	ug/L	97
30) 1,1,1-Trichloroethane	4.503	97	227946	25.339	ug/L	99
31) Carbon tetrachloride	4.725	117	200278	25.378	ug/L	100
33) Benzene	5.001	78	552378	25.667	ug/L	100
34) Trichloroethene	5.828	95	170538	25.855	ug/L	99
35) Methylcyclohexane	6.043	83	231339	25.362	ug/L	97
37) 1,2-Dichloropropane	6.088	63	143346	25.367	ug/L	100
38) Bromodichloromethane	6.429	83	196192	26.231	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	229224	27.121	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	172747	56.266	ug/L	97
42) Toluene	7.310	91	599084	27.243	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	206141	28.237	ug/L	96
45) 1,1,2-Trichloroethane	7.767	97	124650	26.659	ug/L	98
46) Tetrachloroethene	7.902	164	116947	24.243	ug/L	98
48) 2-Hexanone	8.079	43	137572	57.317	ug/L #	95
49) Dibromochloromethane	8.172	129	139637	27.287	ug/L	100
50) 1,2-Dibromoethane	8.278	107	125896	28.061	ug/L	99
51) Chlorobenzene	8.808	112	394907	26.356	ug/L	99
52) Ethylbenzene	8.943	91	644472	27.392	ug/L	100
53) m,p-Xylene	9.069	106	244904	27.703	ug/L	97
54) o-Xylene	9.474	106	233564	28.016	ug/L	99
55) Styrene	9.493	104	419654	28.545	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	113903	27.206	ug/L	98
59) Bromoform	9.664	173	91256	27.853	ug/L	97
60) Isopropylbenzene	9.863	105	636361	28.551	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	114675	27.909	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	459426	28.426	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	507902	29.167	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	311016	26.571	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	318279	26.344	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	295002	26.783	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	27824	30.283	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	230140	26.285	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	198226	28.754	ug/L	99
71) Naphthalene	13.435	128	398066	35.382	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	193955	30.831	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 21.218 ug/L

RT: 1.101 min Scan# 19

Delta R.T. -0.000 min

Lab File: VV036196.D

Acq: 21 Jun 2024 10:24

Instrument :

MSVOA_V

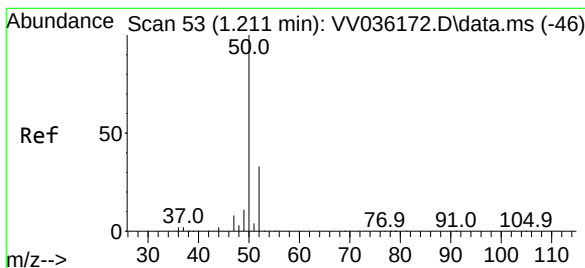
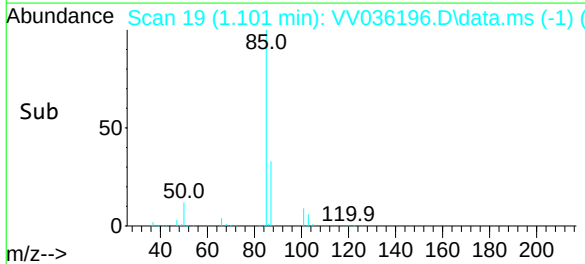
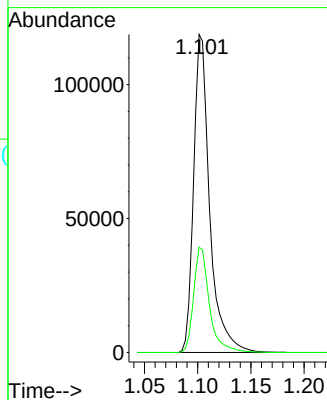
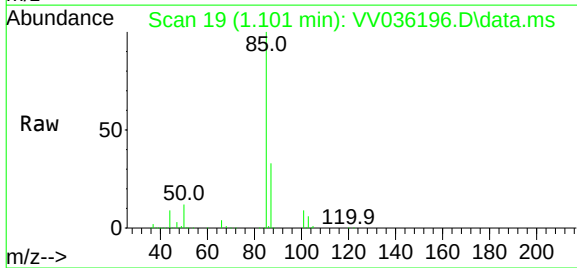
ClientSampleId :

Tgt Ion: 85 Resp: 124625

Ion Ratio Lower Upper

85 100

87 32.6 25.9 38.9



#3

Chloromethane

Concen: 20.162 ug/L

RT: 1.211 min Scan# 53

Delta R.T. -0.000 min

Lab File: VV036196.D

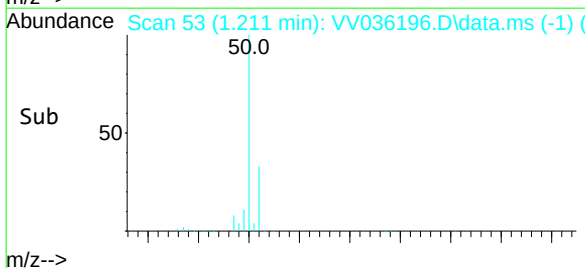
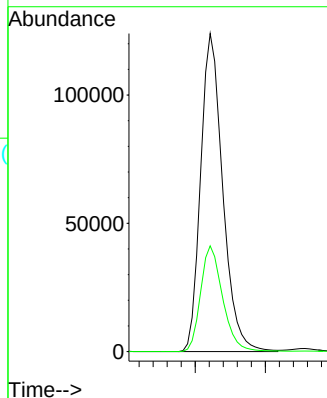
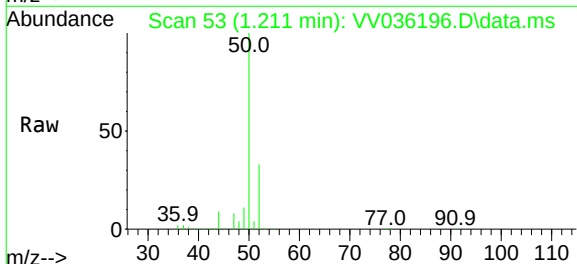
Acq: 21 Jun 2024 10:24

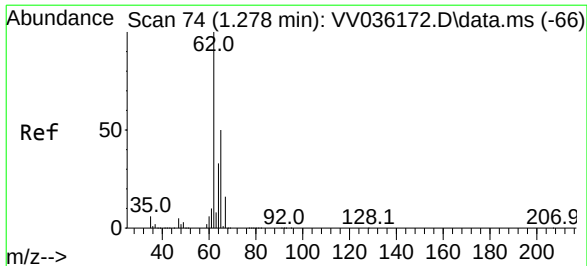
Tgt Ion: 50 Resp: 135906

Ion Ratio Lower Upper

50 100

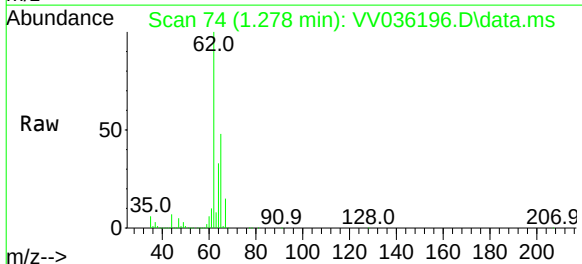
52 33.3 22.8 42.4



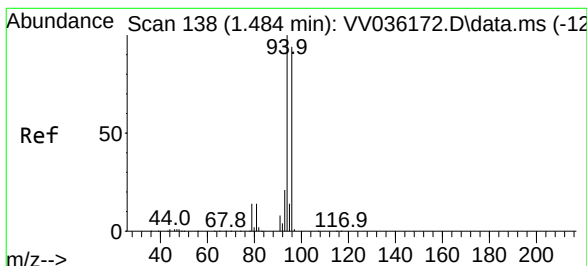
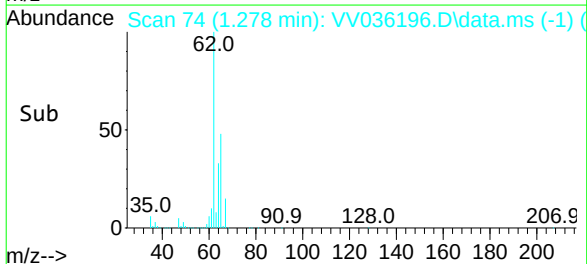
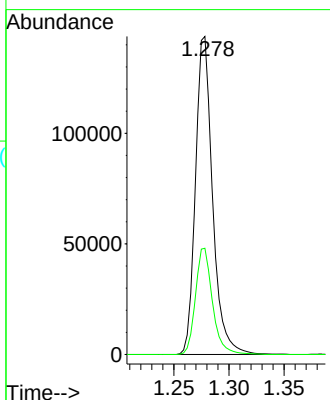


#5
 Vinyl chloride
 Concen: 21.841 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV036196.D
 Acq: 21 Jun 2024 10:24

Instrument :
 MSVOA_V
 ClientSampleId :

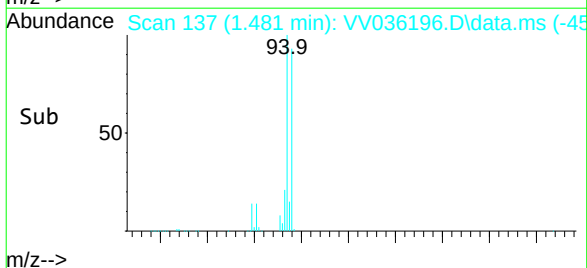
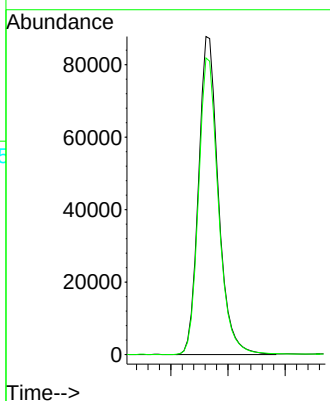
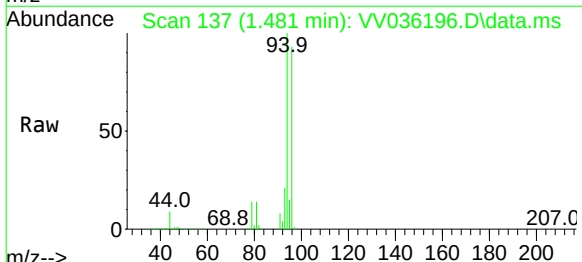


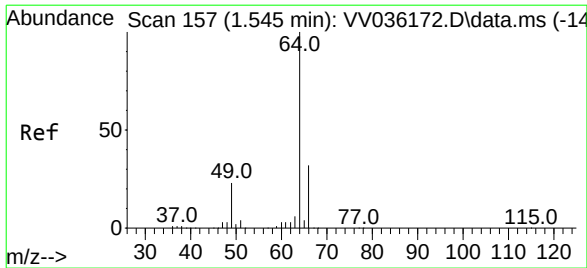
Tgt Ion: 62 Resp: 154985
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.9 42.5



#6
 Bromomethane
 Concen: 24.056 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV036196.D
 Acq: 21 Jun 2024 10:24

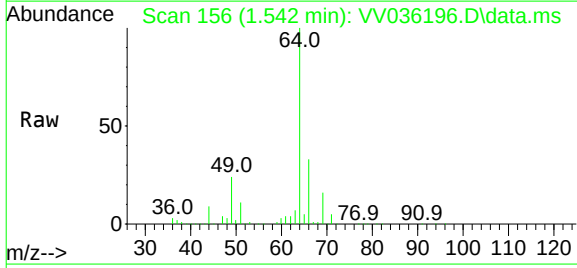
Tgt Ion: 94 Resp: 105900
 Ion Ratio Lower Upper
 94 100
 96 93.3 65.7 122.1



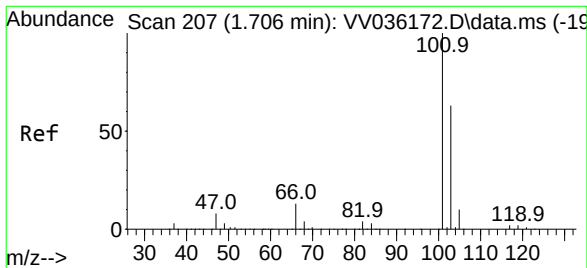
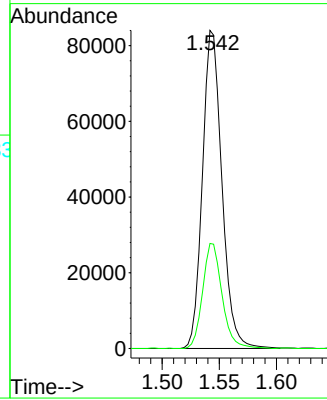
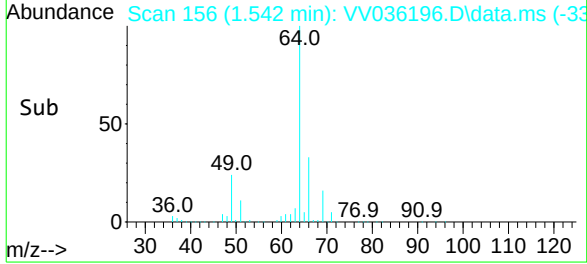


#8
Chloroethane
Concen: 22.575 ug/L
RT: 1.542 min Scan# 15
Delta R.T. -0.003 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

Instrument :
MSVOA_V
ClientSampleId :

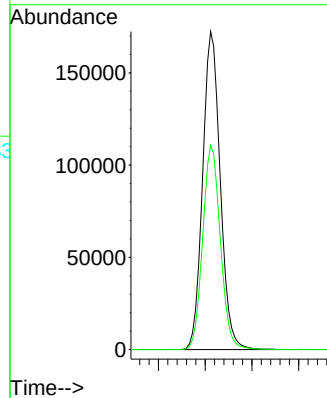
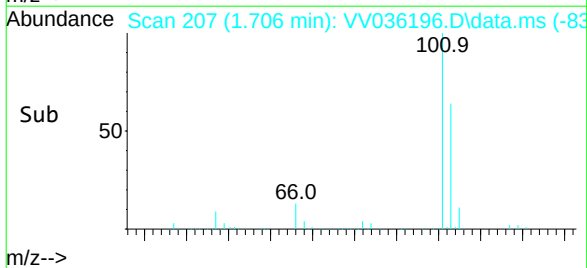
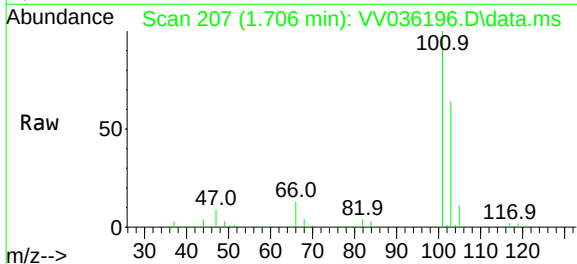


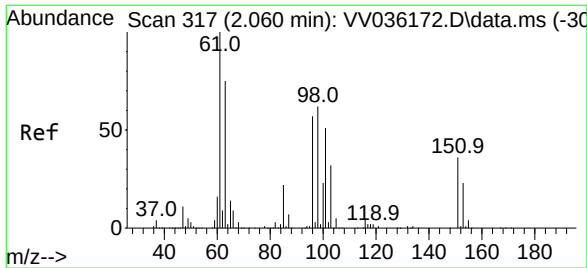
Tgt Ion: 64 Resp: 99575
Ion Ratio Lower Upper
64 100
66 33.0 22.0 41.0



#9
Trichlorofluoromethane
Concen: 25.562 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

Tgt Ion:101 Resp: 225269
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8

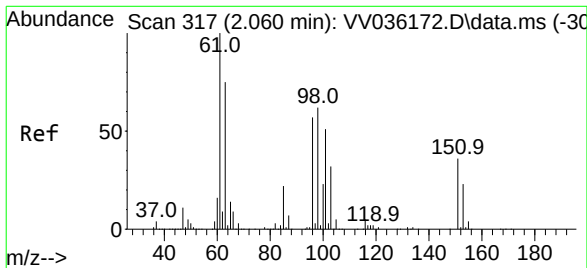
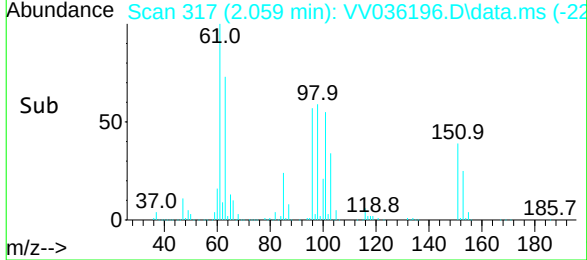
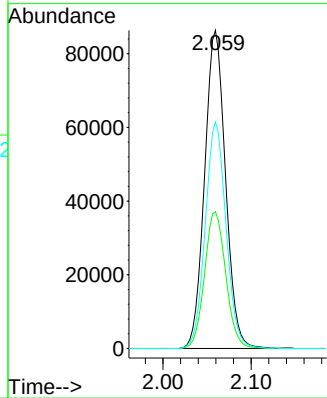
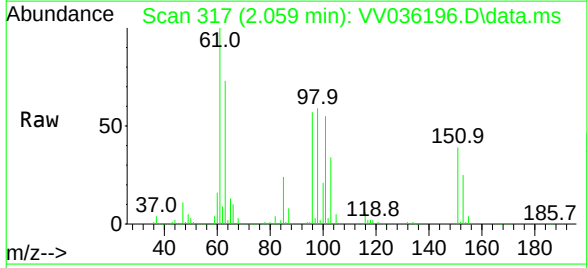




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.428 ug/L
RT: 2.059 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

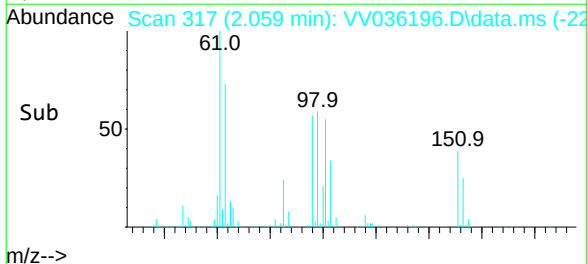
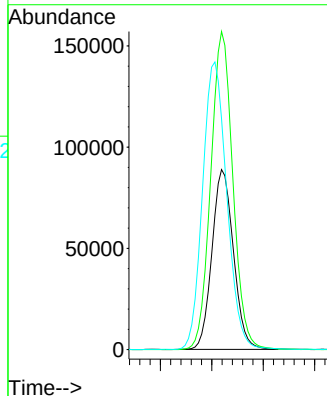
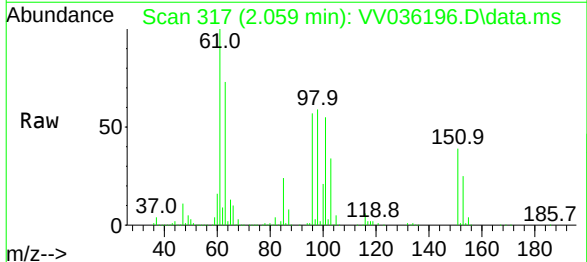
Instrument :
MSVOA_V
ClientSampleId :

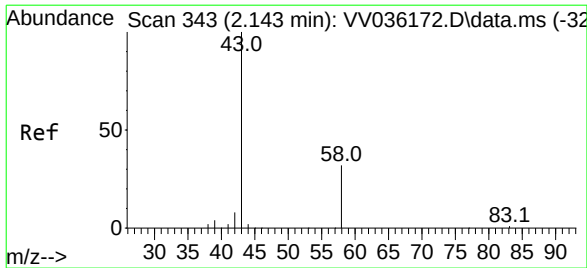
Tgt Ion: 101 Resp: 142216
Ion Ratio Lower Upper
101 100
85 43.7 34.5 51.7
151 71.0 56.3 84.5



#12
1,1-Dichloroethene
Concen: 24.663 ug/L
RT: 2.059 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

Tgt Ion: 96 Resp: 128649
Ion Ratio Lower Upper
96 100
61 176.7 127.3 236.3
63 128.2 93.7 173.9





#13

Acetone

Concen: 26.485 ug/L

RT: 2.384 min Scan# 41

Delta R.T. 0.238 min

Lab File: VV036196.D

Acq: 21 Jun 2024 10:24

Instrument :

MSVOA_V

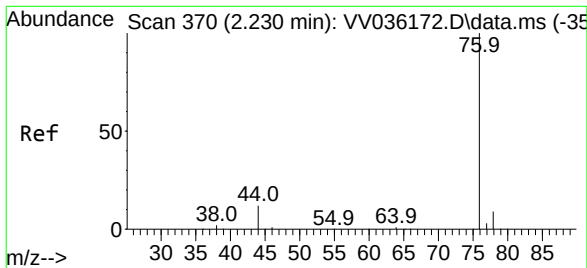
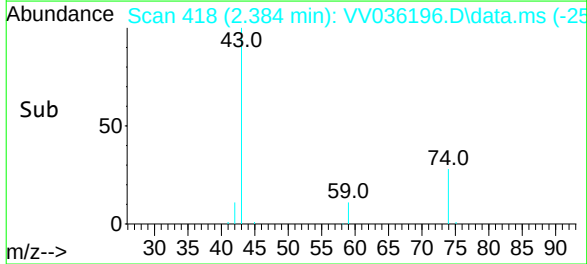
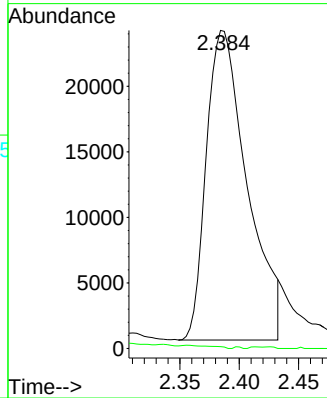
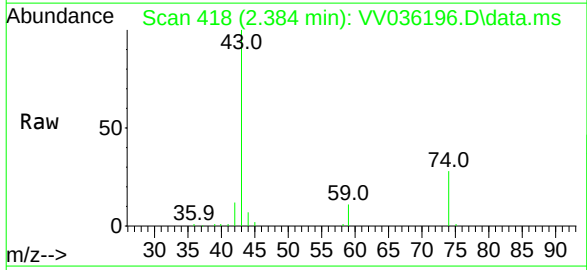
ClientSampleId :

Tgt Ion: 43 Resp: 56688

Ion Ratio Lower Upper

43 100

58 0.1 0.0 24.2



#14

Carbon disulfide

Concen: 22.379 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.000 min

Lab File: VV036196.D

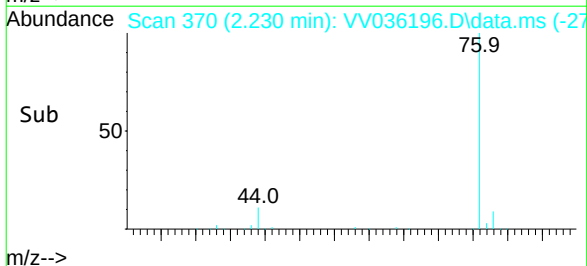
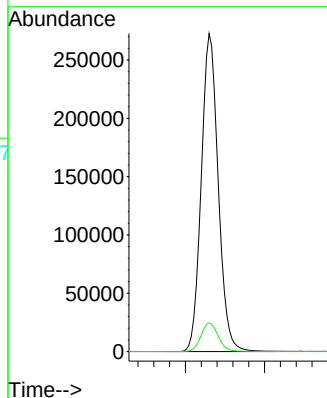
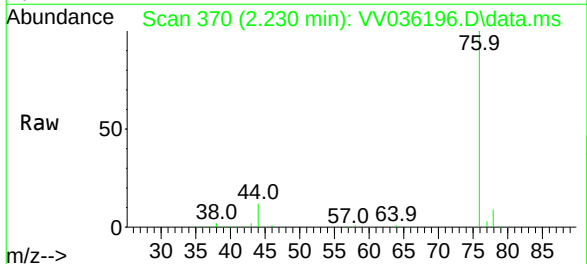
Acq: 21 Jun 2024 10:24

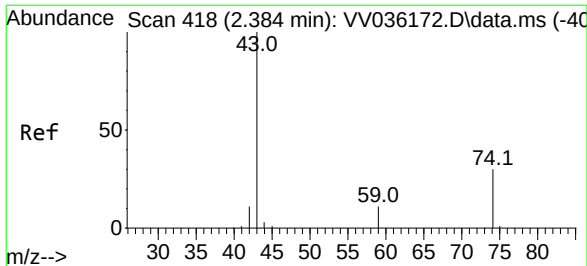
Tgt Ion: 76 Resp: 405377

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2





#15

Methyl Acetate

Concen: 23.446 ug/L

RT: 2.384 min Scan# 418

Delta R.T. -0.000 min

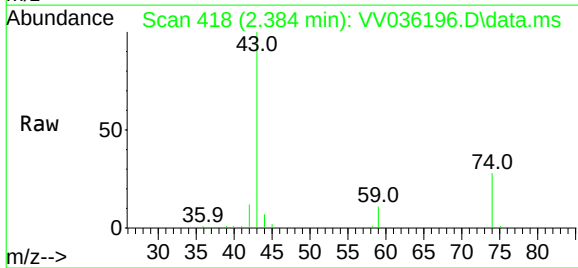
Lab File: VV036196.D

Acq: 21 Jun 2024 10:24

Instrument :

MSVOA_V

ClientSampleId :

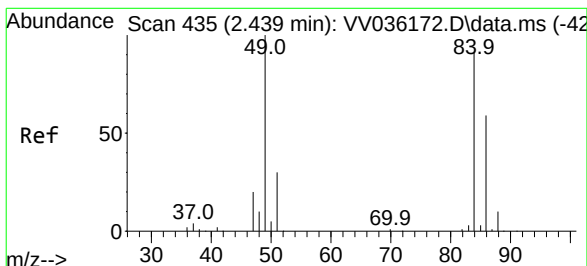
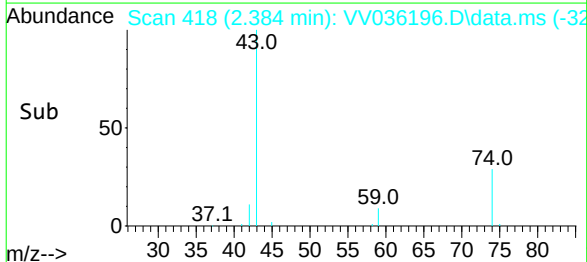
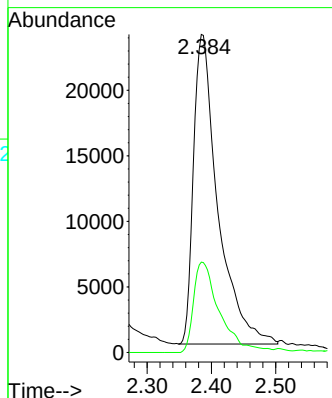


Tgt Ion: 43 Resp: 62376

Ion Ratio Lower Upper

43 100

74 29.3 21.4 32.2



#16

Methylene chloride

Concen: 22.548 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.000 min

Lab File: VV036196.D

Acq: 21 Jun 2024 10:24

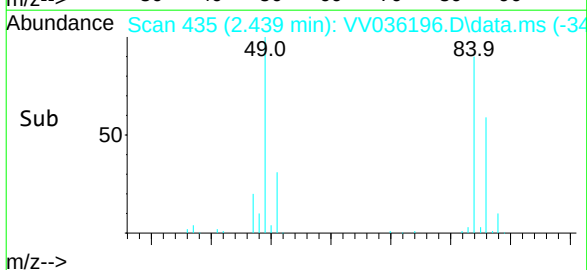
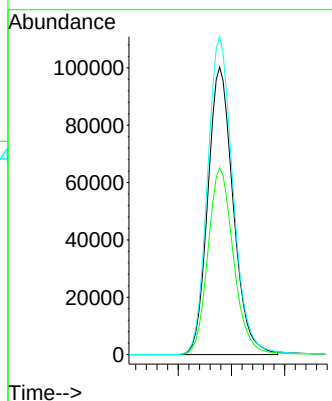
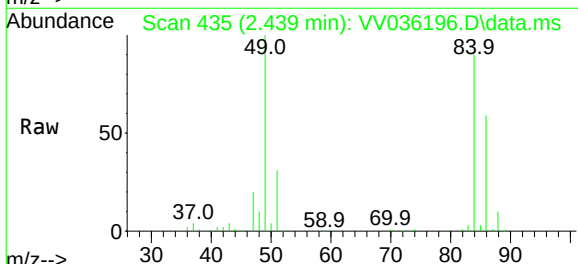
Tgt Ion: 84 Resp: 166197

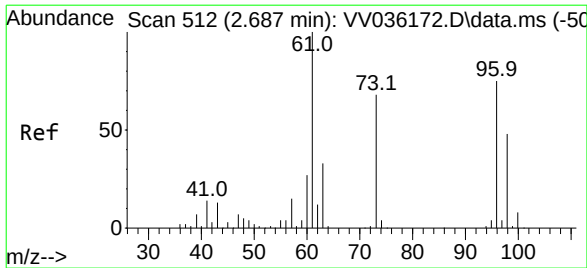
Ion Ratio Lower Upper

84 100

86 65.0 44.6 82.8

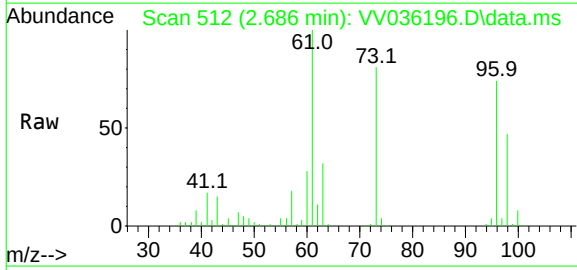
49 110.6 81.1 150.5



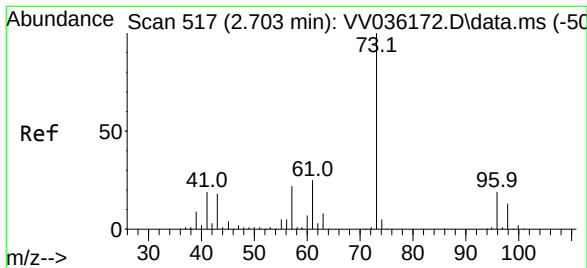
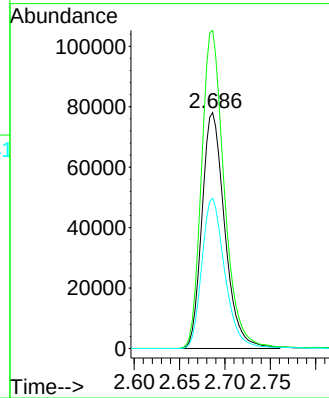
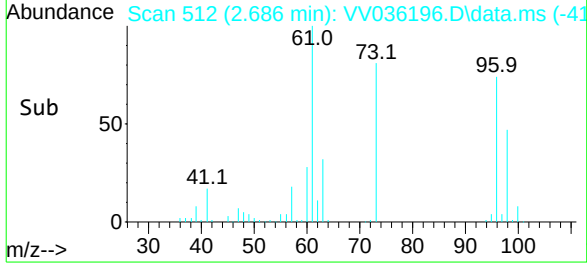


#17
trans-1,2-Dichloroethene
Concen: 24.603 ug/L
RT: 2.686 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

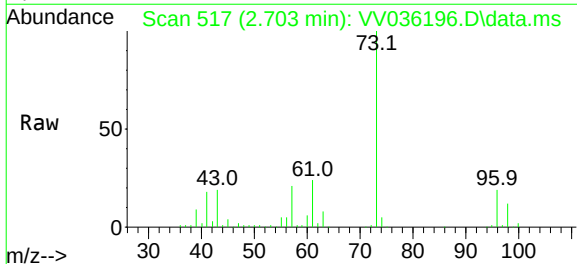
Instrument :
MSVOA_V
ClientSampleId :



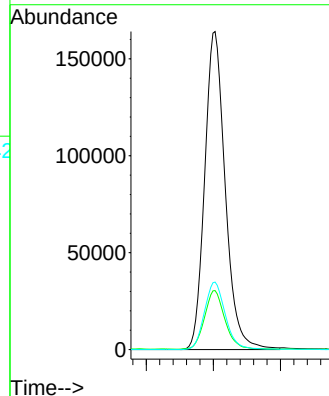
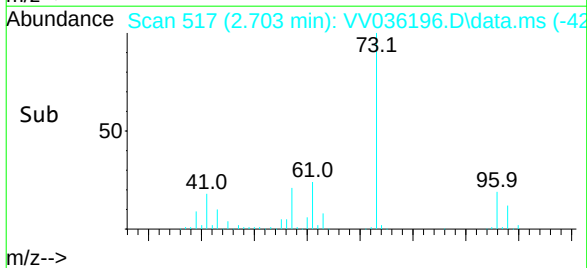
Tgt Ion: 96 Resp: 136326
Ion Ratio Lower Upper
96 100
61 134.9 99.4 184.6
98 63.7 44.9 83.3

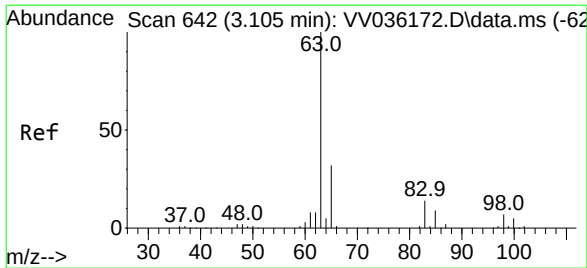


#18
Methyl tert-butyl Ether
Concen: 28.089 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24



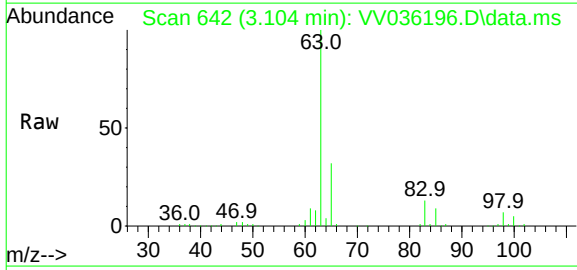
Tgt Ion: 73 Resp: 349422
Ion Ratio Lower Upper
73 100
43 18.2 14.3 21.5
57 21.6 17.8 26.6



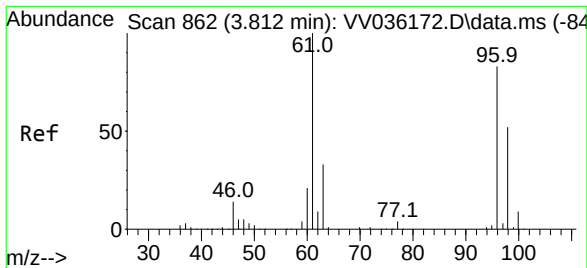
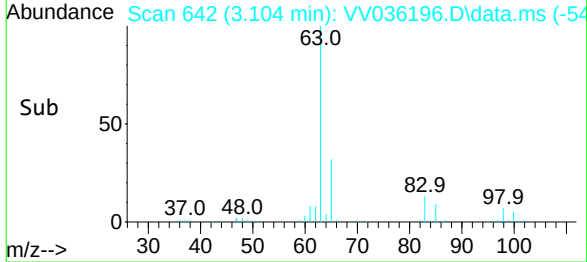
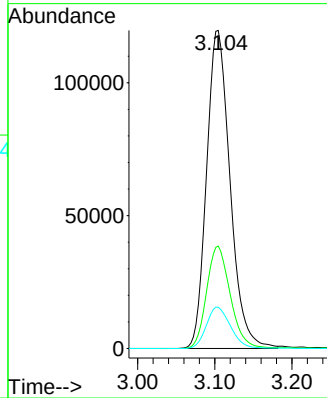


#19
1,1-Dichloroethane
Concen: 24.038 ug/L
RT: 3.104 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

Instrument :
MSVOA_V
ClientSampleId :

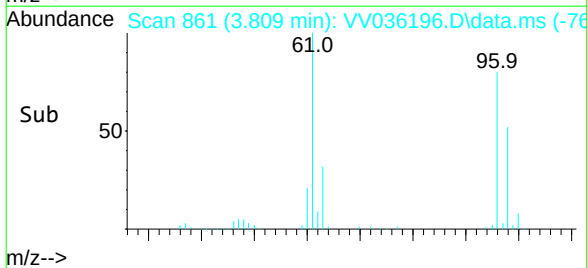
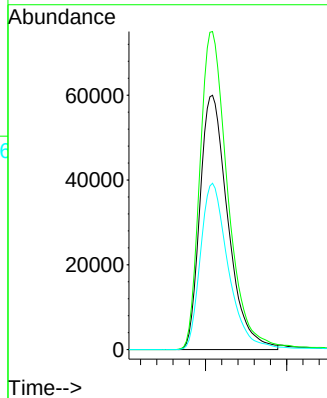
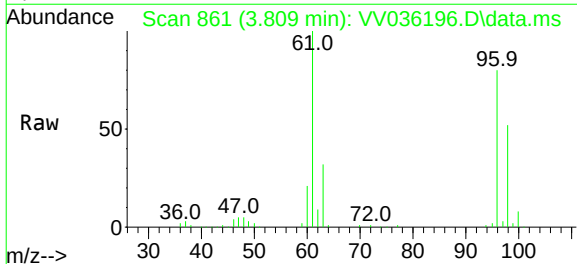


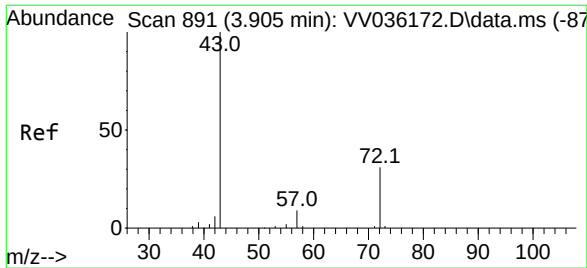
Tgt Ion: 63 Resp: 253661
Ion Ratio Lower Upper
63 100
65 32.2 22.4 41.6
83 13.0 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 25.799 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

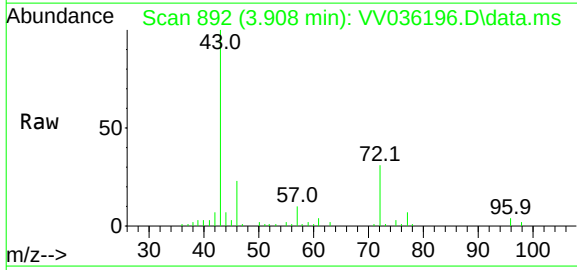
Tgt Ion: 96 Resp: 143645
Ion Ratio Lower Upper
96 100
61 125.1 87.9 163.3
98 65.4 44.4 82.5



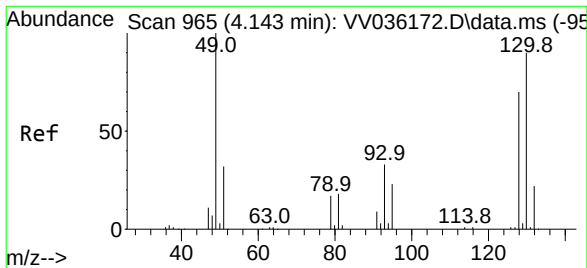
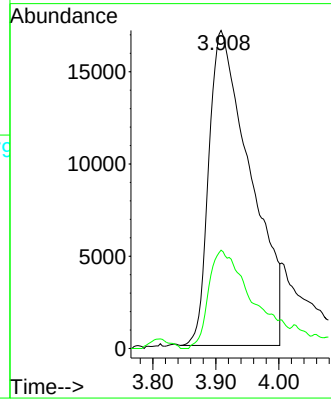
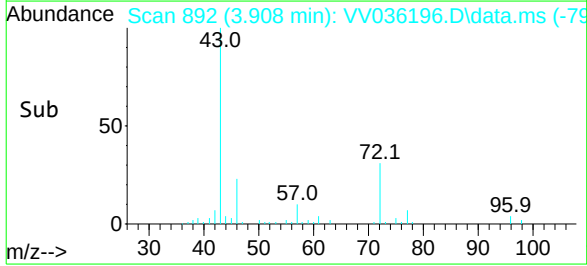


#22
2-Butanone
Concen: 43.151 ug/L
RT: 3.908 min Scan# 891
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

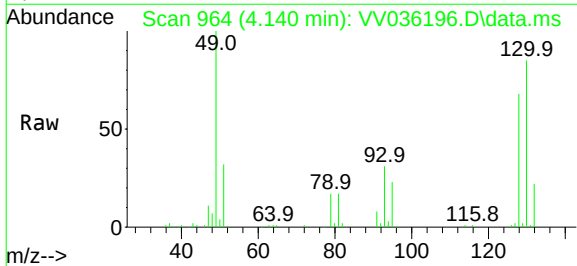
Instrument :
MSVOA_V
ClientSampleId :



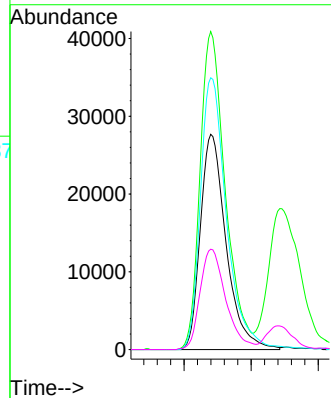
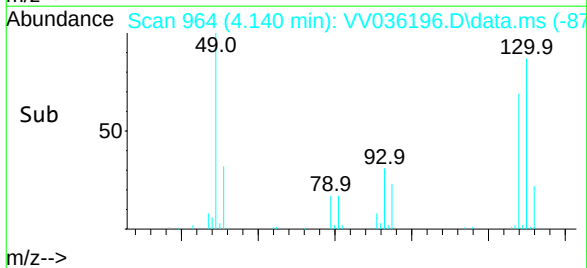
Tgt Ion: 43 Resp: 78368
Ion Ratio Lower Upper
43 100
72 13.7 8.2 24.4

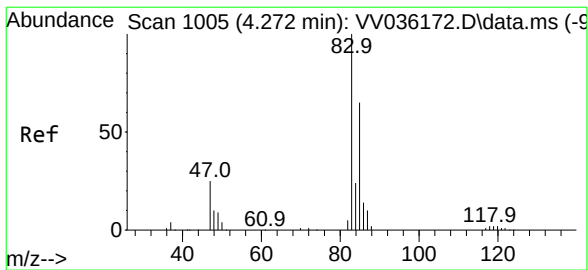


#23
Bromochloromethane
Concen: 26.427 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24



Tgt Ion: 128 Resp: 73808
Ion Ratio Lower Upper
128 100
49 147.7 110.2 204.6
130 126.3 90.2 167.4
51 46.6 40.2 60.2





#25

Chloroform

Concen: 24.973 ug/L

RT: 4.268 min Scan# 10

Delta R.T. -0.000 min

Lab File: VV036196.D

Acq: 21 Jun 2024 10:24

Instrument :

MSVOA_V

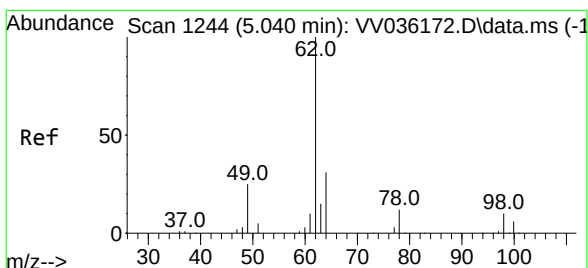
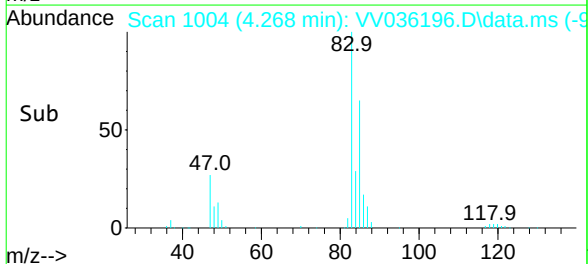
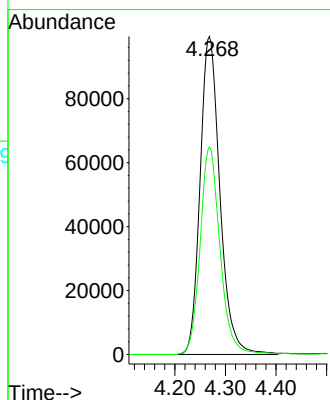
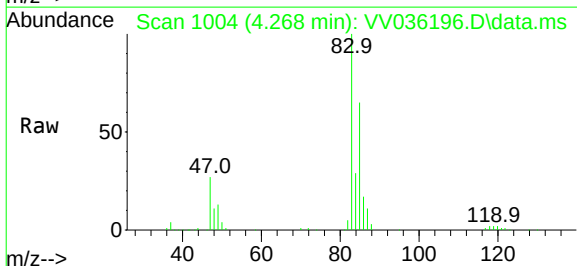
ClientSampleId :

Tgt Ion: 83 Resp: 271084

Ion Ratio Lower Upper

83 100

85 65.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 26.740 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV036196.D

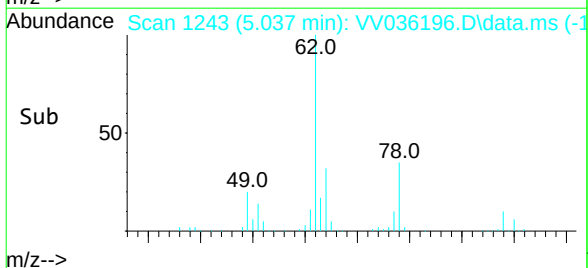
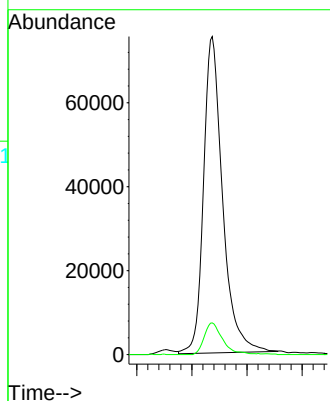
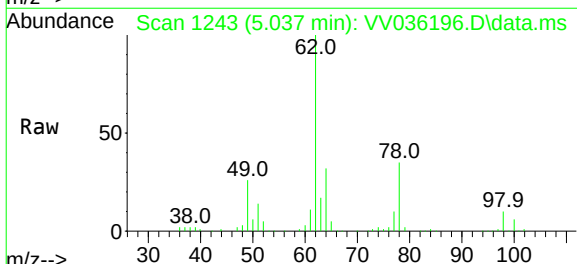
Acq: 21 Jun 2024 10:24

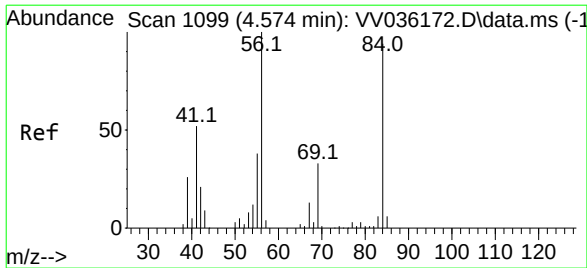
Tgt Ion: 62 Resp: 181212

Ion Ratio Lower Upper

62 100

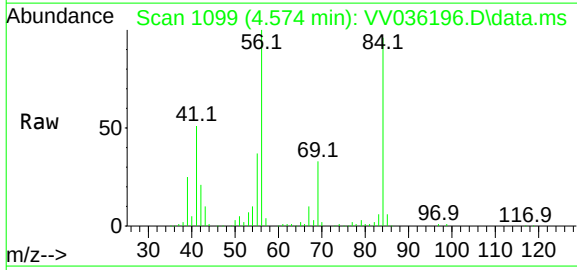
98 10.0 7.8 11.6



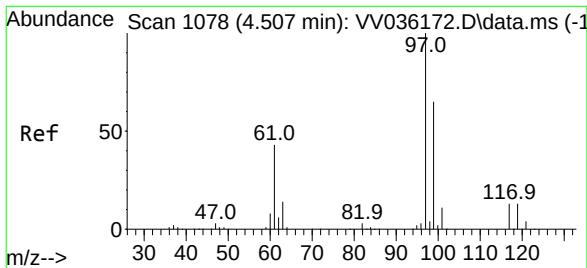
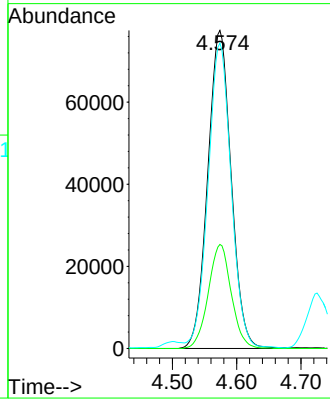
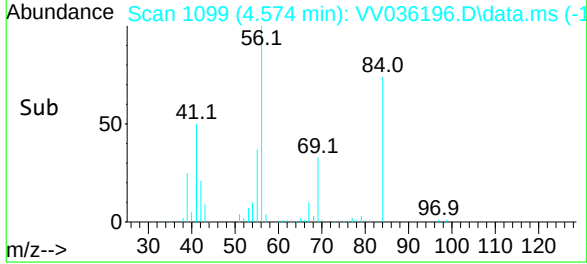


#29
Cyclohexane
Concen: 25.027 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

Instrument :
MSVOA_V
ClientSampleId :

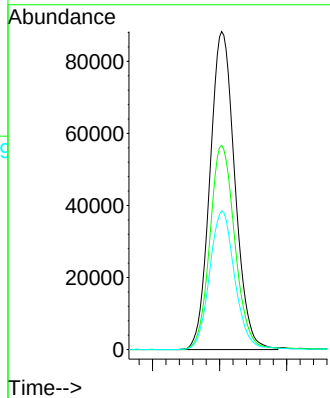
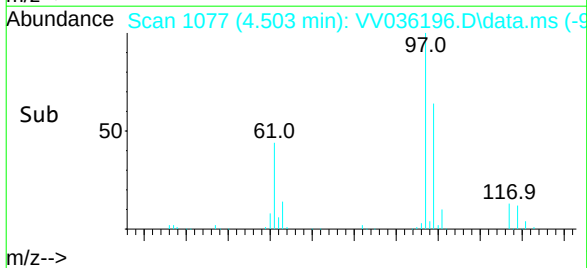
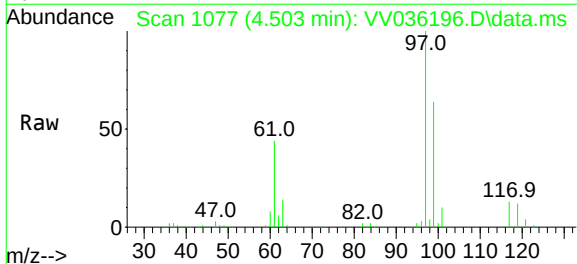


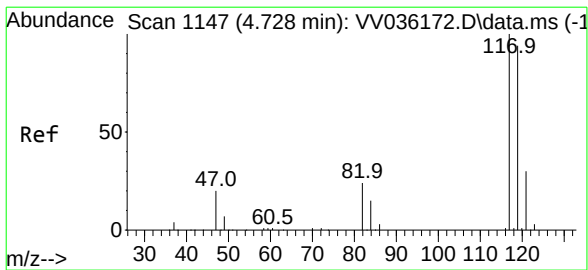
Tgt Ion: 56 Resp: 196072
Ion Ratio Lower Upper
56 100
69 32.1 25.2 37.8
84 93.5 72.2 108.2



#30
1,1,1-Trichloroethane
Concen: 25.339 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

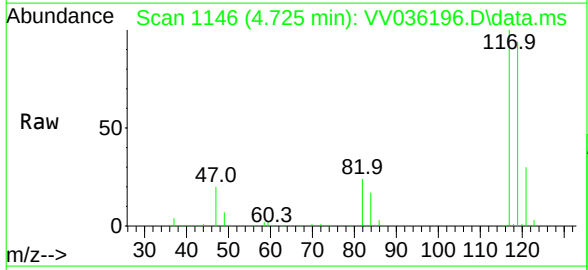
Tgt Ion: 97 Resp: 227946
Ion Ratio Lower Upper
97 100
99 64.3 50.9 76.3
61 43.6 35.0 52.6



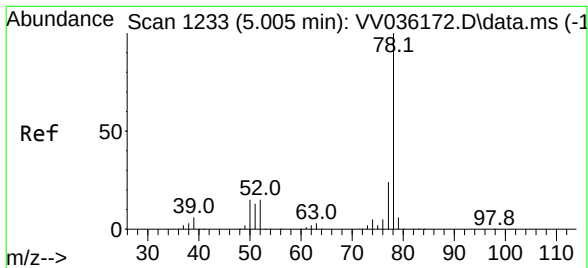
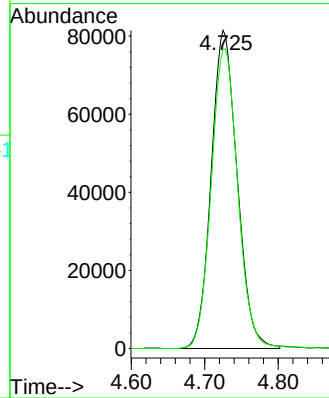
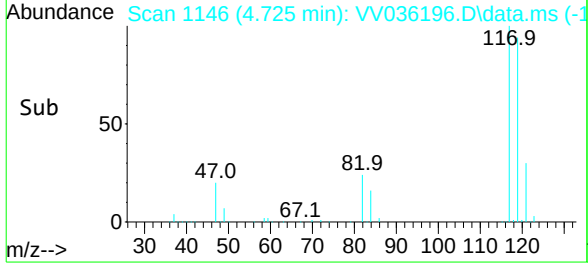


#31
Carbon tetrachloride
Concen: 25.378 ug/L
RT: 4.725 min Scan# 1147
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

Instrument :
MSVOA_V
ClientSampleId :

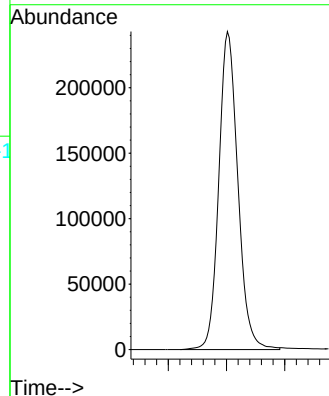
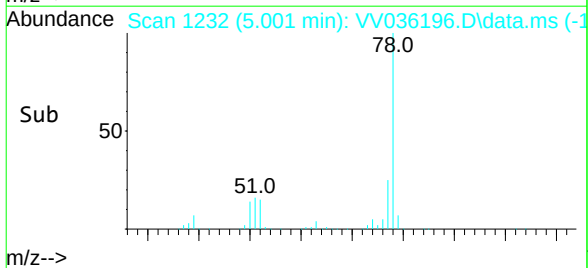
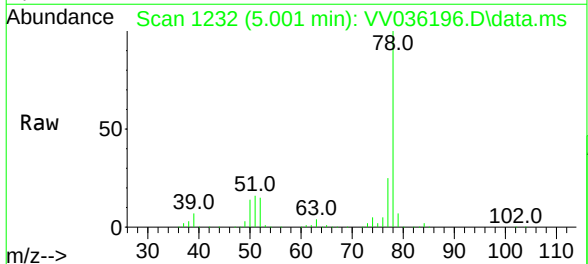


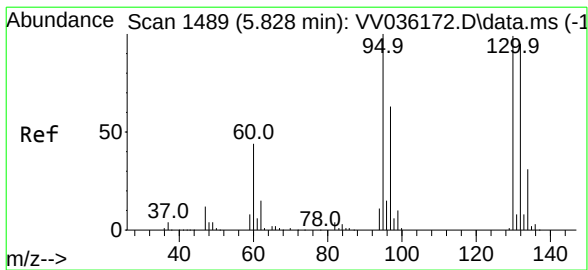
Tgt Ion:117 Resp: 200278
Ion Ratio Lower Upper
117 100
119 96.0 76.8 115.2



#33
Benzene
Concen: 25.667 ug/L
RT: 5.001 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

Tgt Ion: 78 Resp: 552378





#34

Trichloroethene

Concen: 25.855 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.003 min

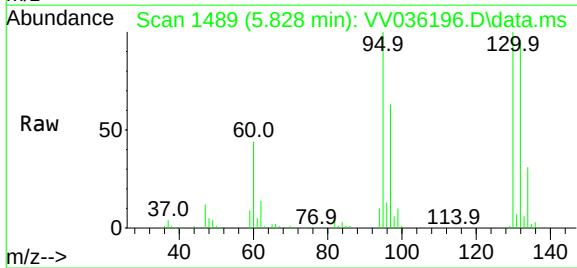
Lab File: VV036196.D

Acq: 21 Jun 2024 10:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 170538

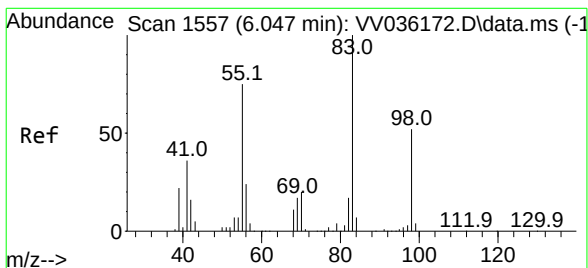
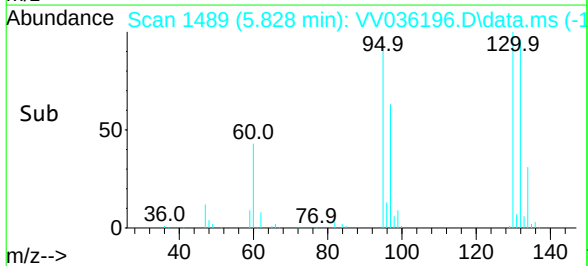
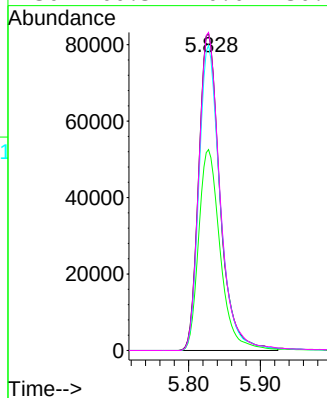
Ion Ratio Lower Upper

95 100

97 63.3 44.8 83.2

132 96.2 66.8 124.2

130 100.3 70.0 130.0



#35

Methylcyclohexane

Concen: 25.362 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VV036196.D

Acq: 21 Jun 2024 10:24

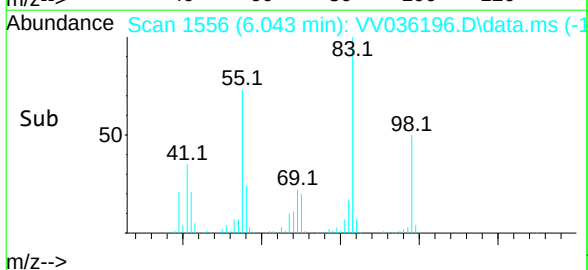
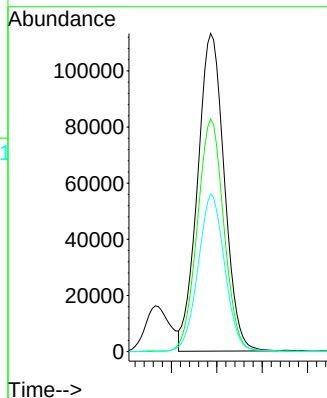
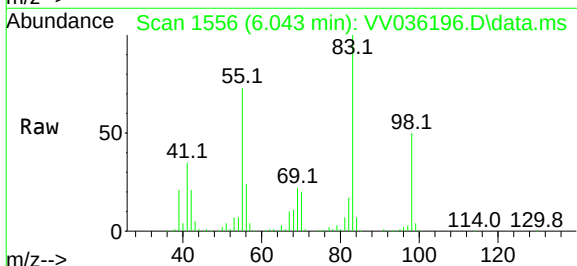
Tgt Ion: 83 Resp: 231339

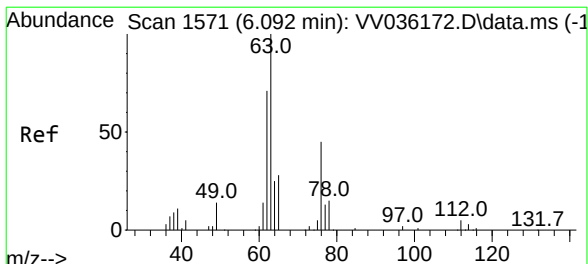
Ion Ratio Lower Upper

83 100

55 72.5 60.7 91.1

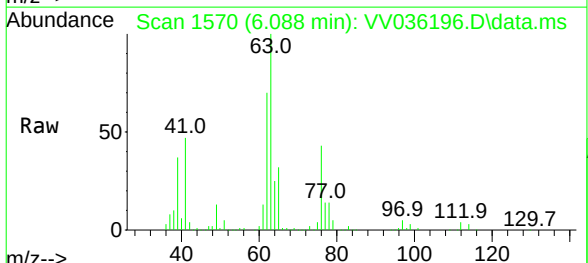
98 49.6 38.7 58.1



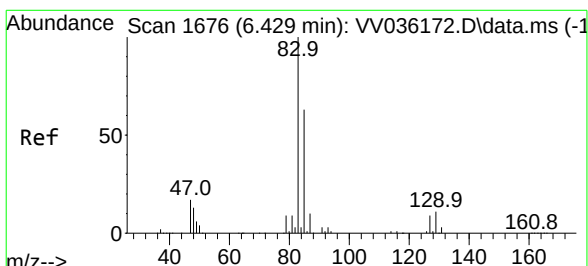
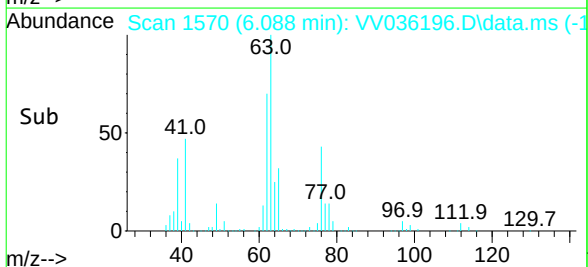
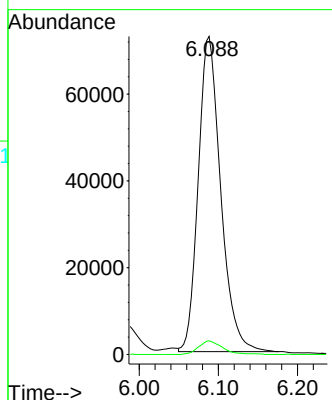


#37
 1,2-Dichloropropane
 Concen: 25.367 ug/L
 RT: 6.088 min Scan# 1571
 Delta R.T. -0.000 min
 Lab File: VV036196.D
 Acq: 21 Jun 2024 10:24

Instrument :
 MSVOA_V
 ClientSampleId :

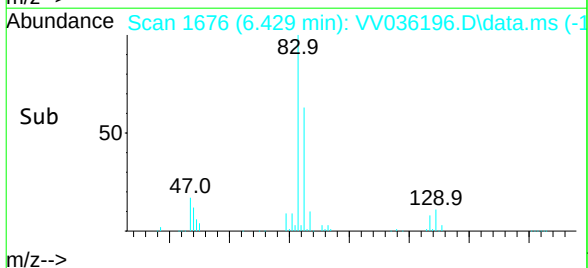
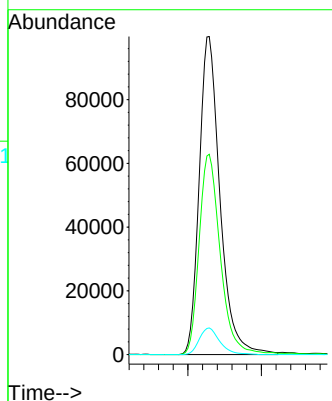
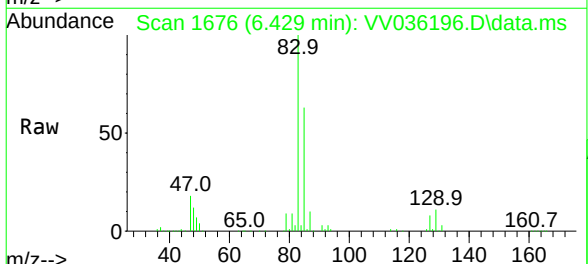


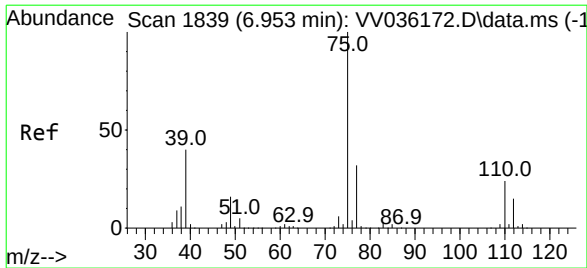
Tgt Ion: 63 Resp: 143346
 Ion Ratio Lower Upper
 63 100
 112 4.5 3.5 5.3



#38
 Bromodichloromethane
 Concen: 26.231 ug/L
 RT: 6.429 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: VV036196.D
 Acq: 21 Jun 2024 10:24

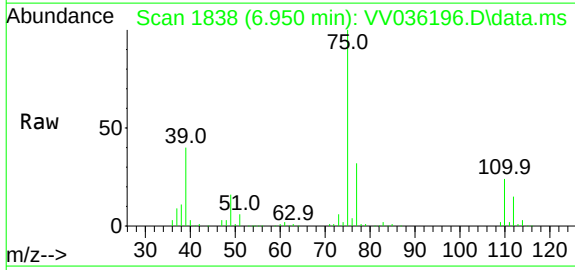
Tgt Ion: 83 Resp: 196192
 Ion Ratio Lower Upper
 83 100
 85 63.0 45.3 84.1
 127 8.4 6.7 10.1



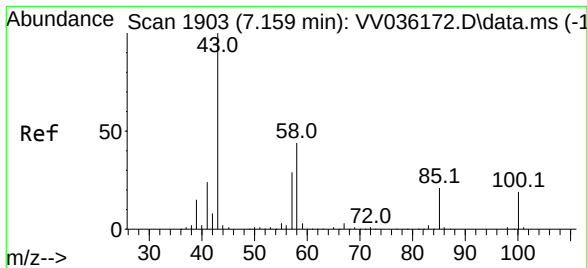
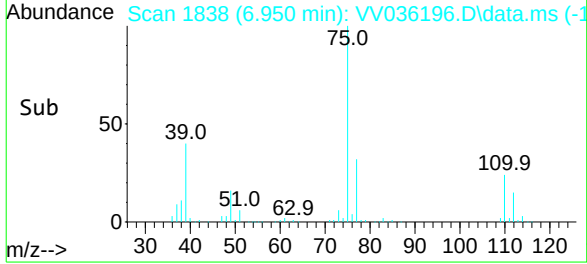
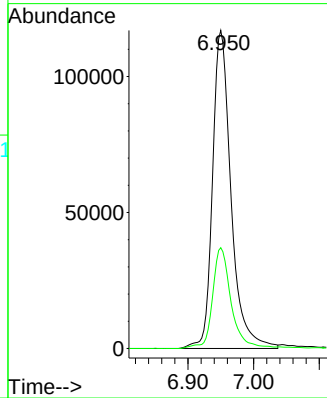


#39
cis-1,3-Dichloropropene
Concen: 27.121 ug/L
RT: 6.950 min Scan# 1839
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

Instrument :
MSVOA_V
ClientSampleId :

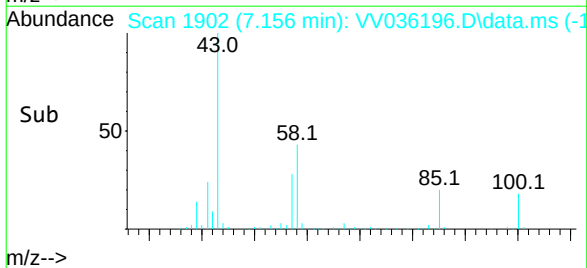
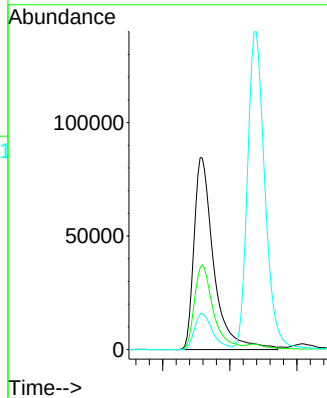
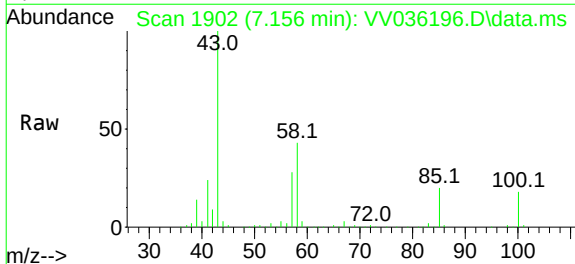


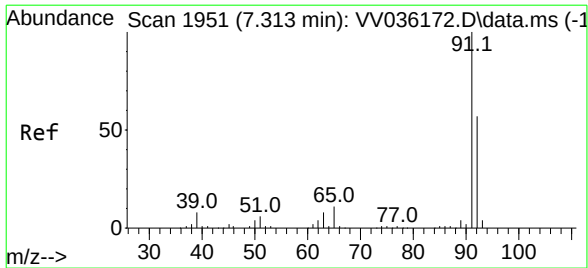
Tgt Ion: 75 Resp: 229224
Ion Ratio Lower Upper
75 100
77 31.7 22.1 41.1



#40
4-Methyl-2-pentanone
Concen: 56.266 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. -0.003 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

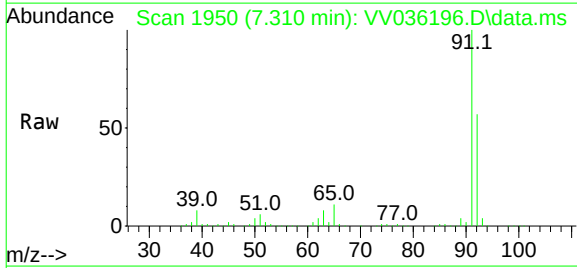
Tgt Ion: 43 Resp: 172747
Ion Ratio Lower Upper
43 100
58 41.9 32.5 48.7
100 17.5 12.5 18.7



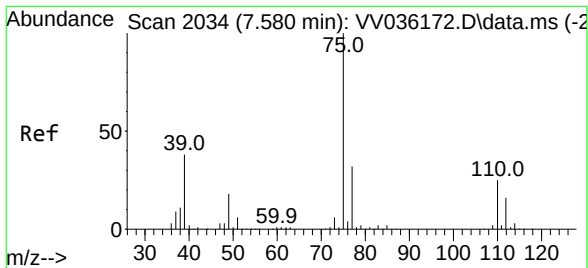
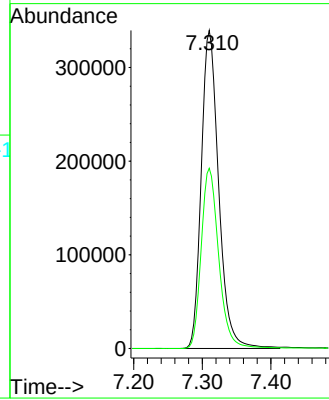
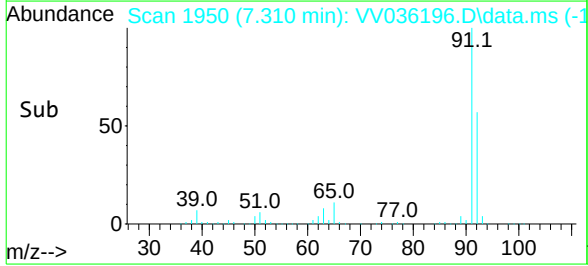


#42
Toluene
Concen: 27.243 ug/L
RT: 7.310 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

Instrument :
MSVOA_V
ClientSampleId :

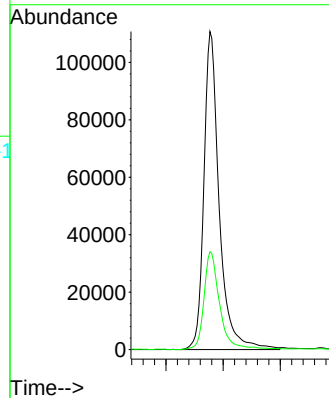
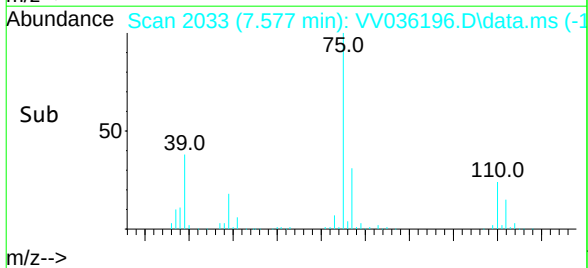
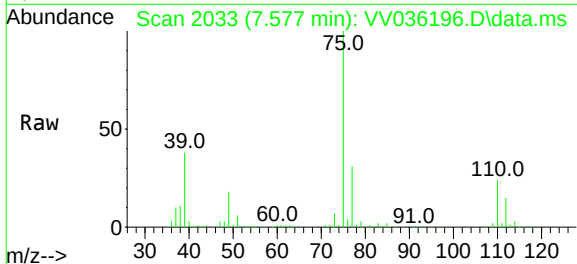


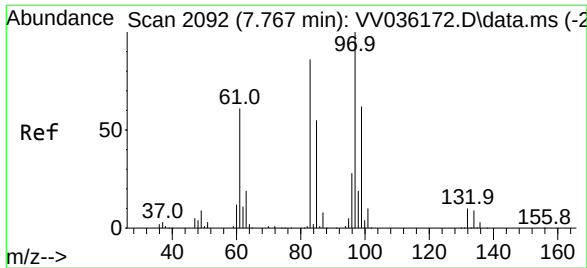
Tgt Ion: 91 Resp: 599084
Ion Ratio Lower Upper
91 100
92 56.7 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 28.237 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

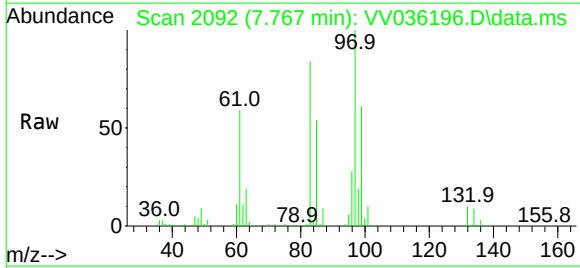
Tgt Ion: 75 Resp: 206141
Ion Ratio Lower Upper
75 100
77 30.8 23.1 42.9



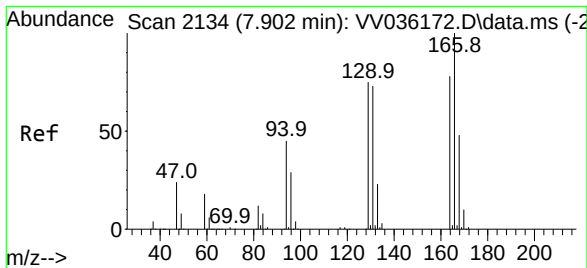
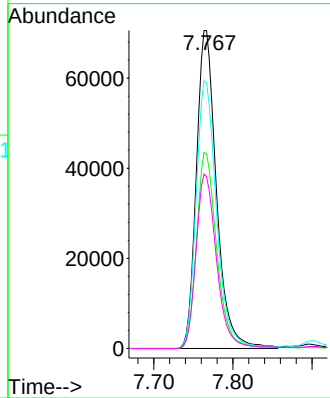
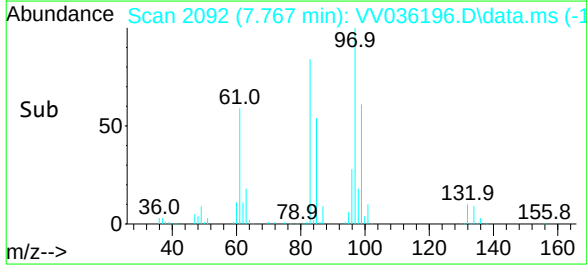


#45
1,1,2-Trichloroethane
Concen: 26.659 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

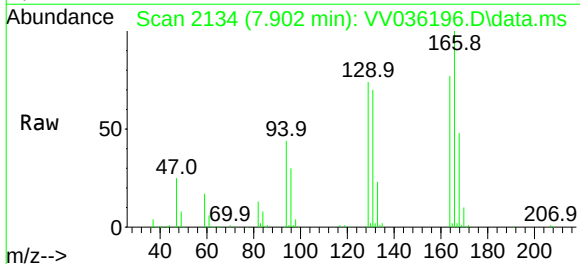
Instrument :
MSVOA_V
ClientSampleId :



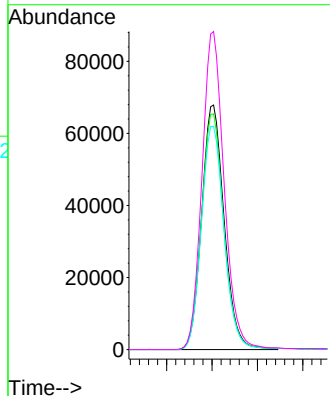
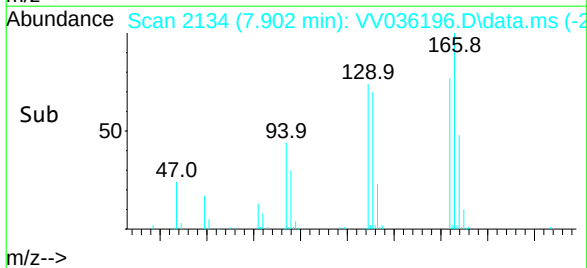
Tgt Ion: 97 Resp: 124650
Ion Ratio Lower Upper
97 100
99 61.4 43.3 80.5
83 83.5 60.1 111.7
85 54.0 38.9 72.3

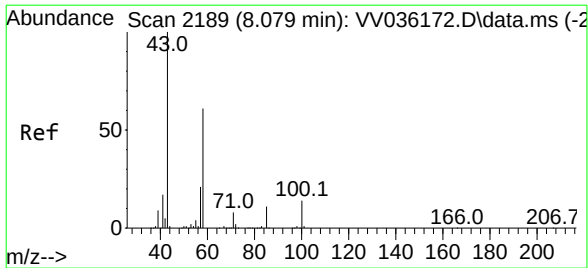


#46
Tetrachloroethene
Concen: 24.243 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24



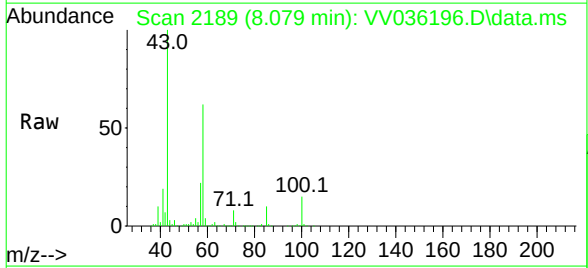
Tgt Ion: 164 Resp: 116947
Ion Ratio Lower Upper
164 100
129 96.4 64.6 120.0
131 91.3 63.2 117.4
166 130.0 89.5 166.3



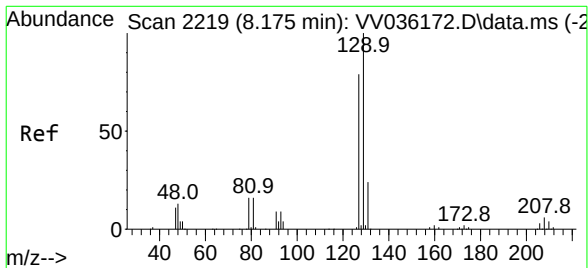
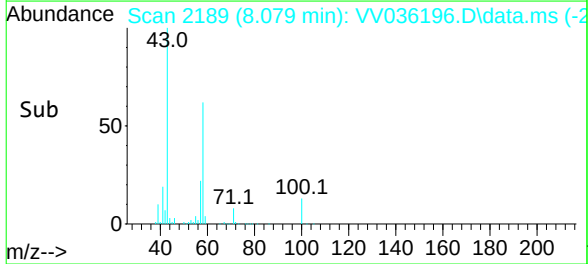
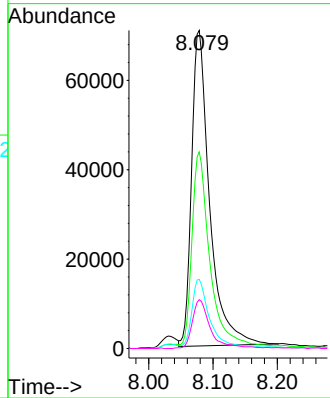


#48
2-Hexanone
Concen: 57.317 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

Instrument :
MSVOA_V
ClientSampleId :

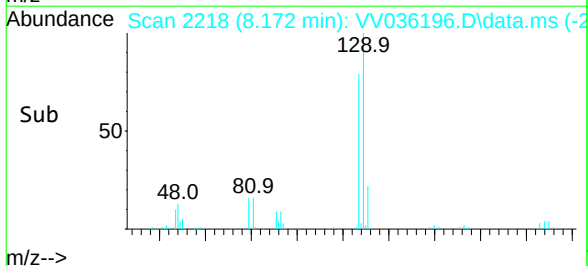
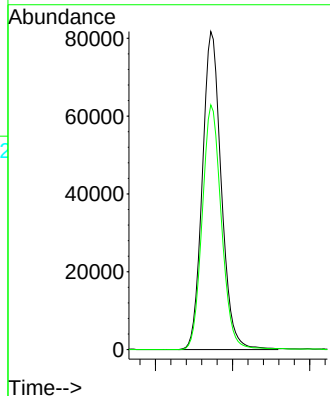
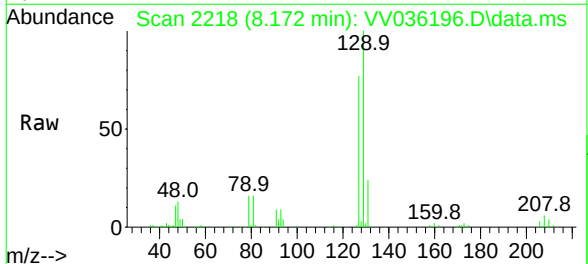


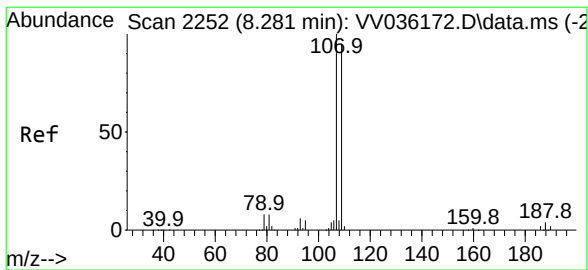
Tgt Ion: 43 Resp: 137572
Ion Ratio Lower Upper
43 100
58 61.1 45.4 68.0
57 20.2 15.8 23.8
100 15.2 9.8 14.8#



#49
Dibromochloromethane
Concen: 27.287 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

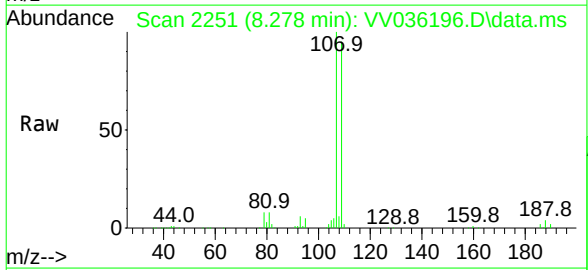
Tgt Ion: 129 Resp: 139637
Ion Ratio Lower Upper
129 100
127 76.9 53.9 100.1



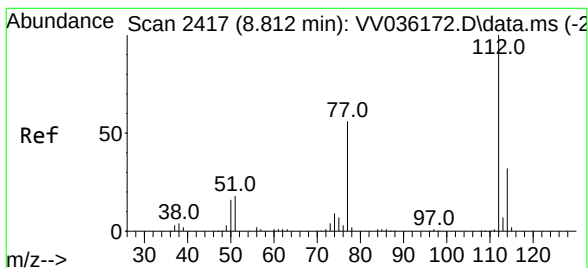
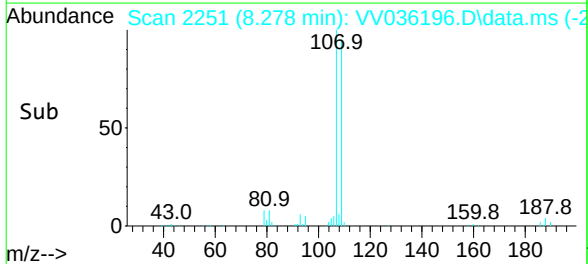
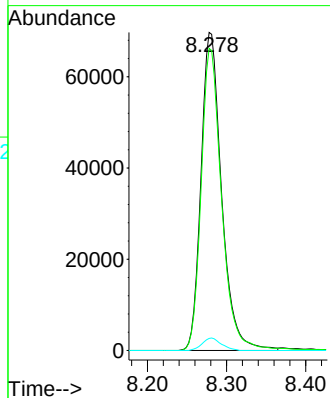


#50
1,2-Dibromoethane
Concen: 28.061 ug/L
RT: 8.278 min Scan# 2252
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

Instrument :
MSVOA_V
ClientSampleId :

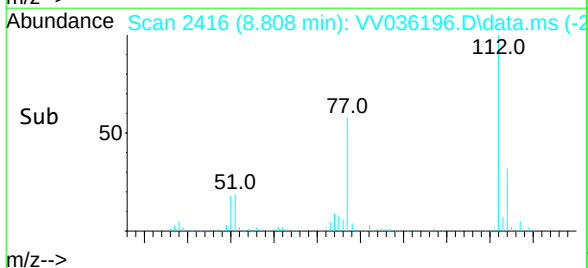
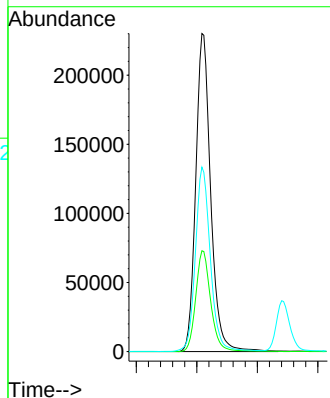
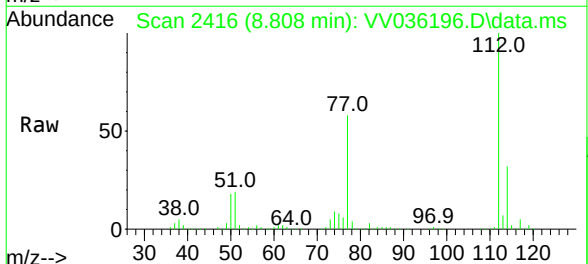


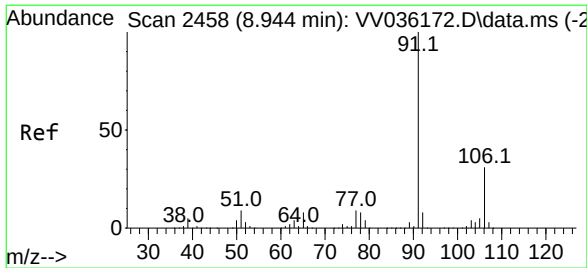
Tgt Ion:107 Resp: 125896
Ion Ratio Lower Upper
107 100
109 95.0 66.1 122.7
188 3.8 3.0 4.6



#51
Chlorobenzene
Concen: 26.356 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

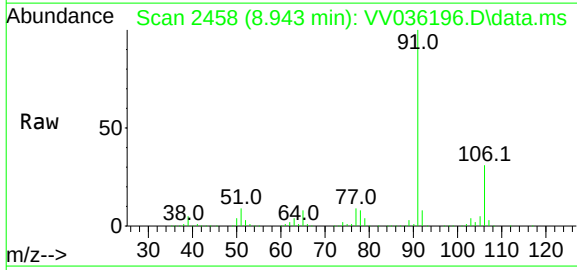
Tgt Ion:112 Resp: 394907
Ion Ratio Lower Upper
112 100
114 31.7 22.3 41.5
77 58.0 47.3 70.9



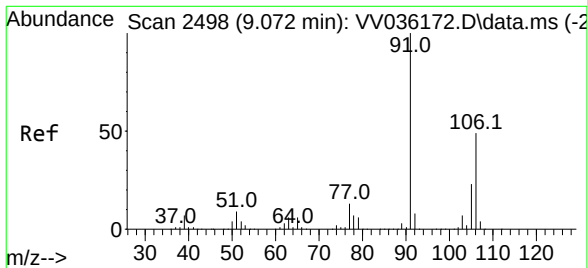
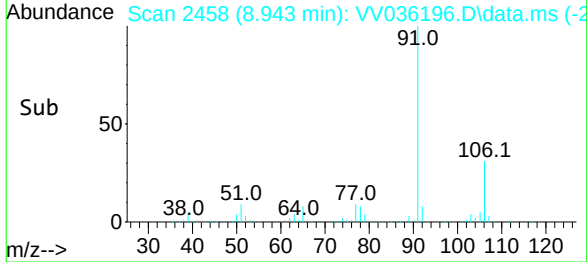
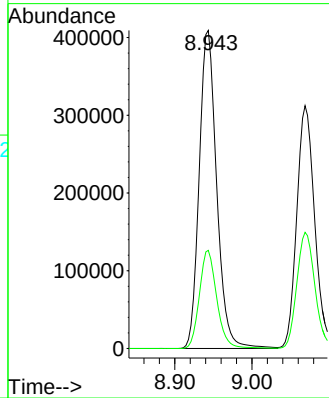


#52
Ethylbenzene
Concen: 27.392 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

Instrument :
MSVOA_V
ClientSampleId :

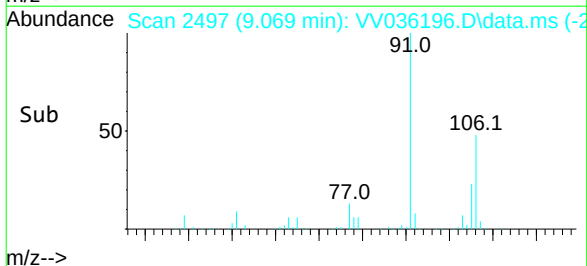
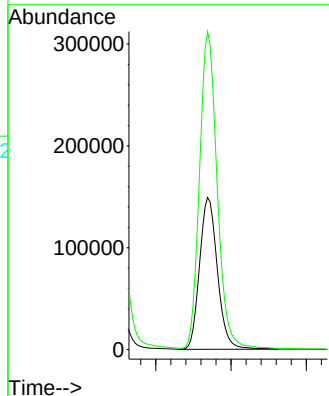
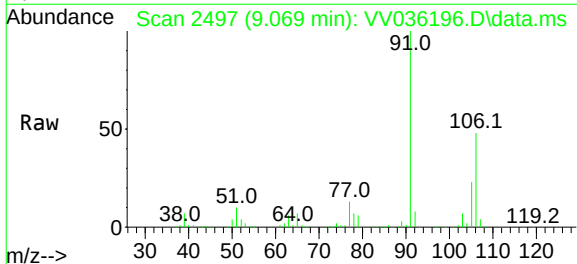


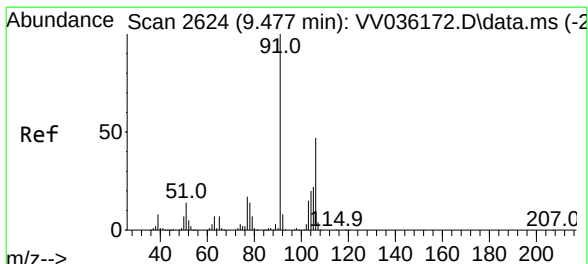
Tgt Ion: 91 Resp: 644472
Ion Ratio Lower Upper
91 100
106 30.9 21.6 40.0



#53
m,p-Xylene
Concen: 27.703 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

Tgt Ion: 106 Resp: 244904
Ion Ratio Lower Upper
106 100
91 209.0 143.1 265.9

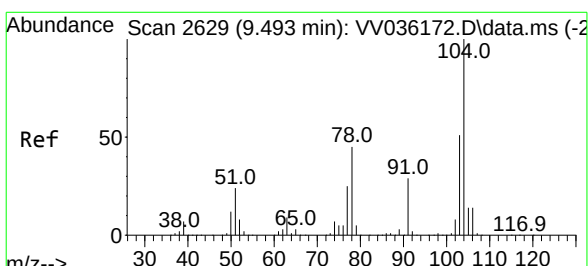
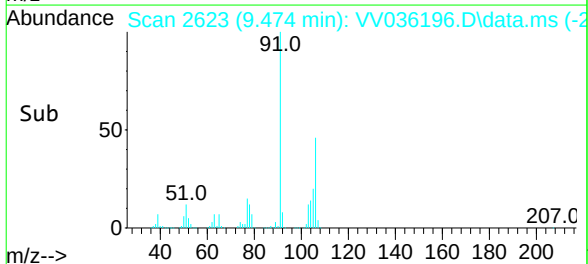
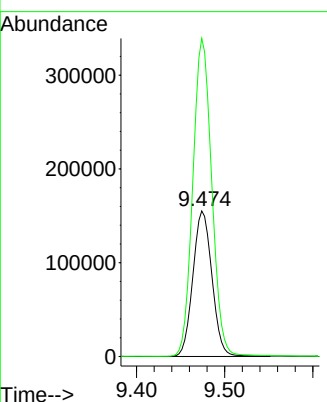
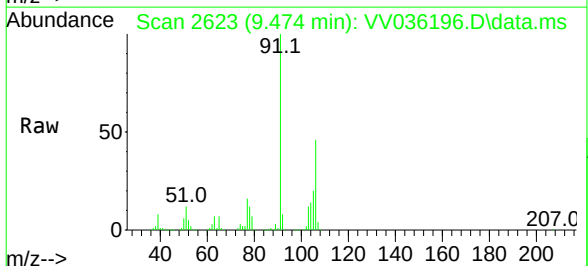




#54
o-Xylene
Concen: 28.016 ug/L
RT: 9.474 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

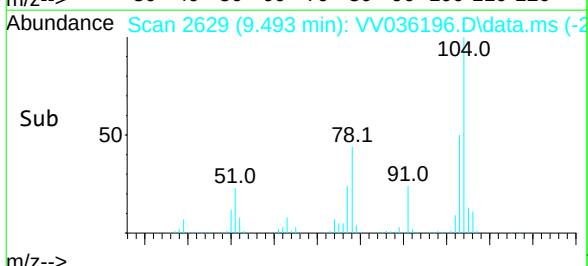
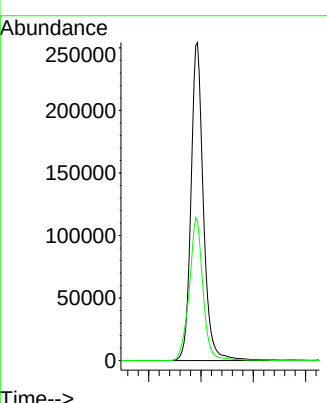
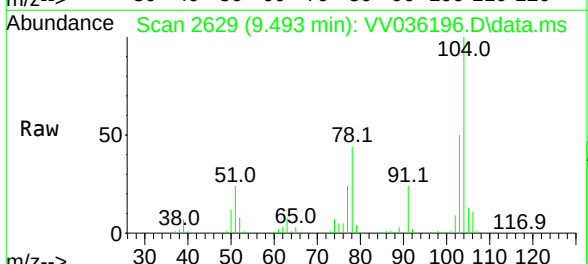
Instrument : MSVOA_V
ClientSampleId :

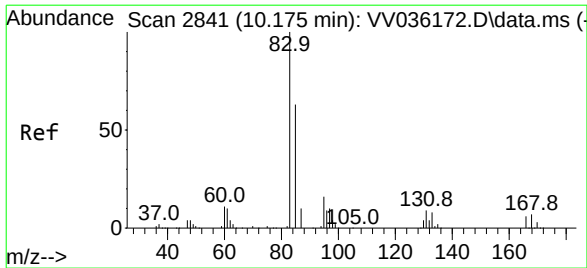
Tgt Ion:106 Resp: 233564
Ion Ratio Lower Upper
106 100
91 218.6 154.5 286.9



#55
Styrene
Concen: 28.545 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

Tgt Ion:104 Resp: 419654
Ion Ratio Lower Upper
104 100
78 43.9 31.4 58.2

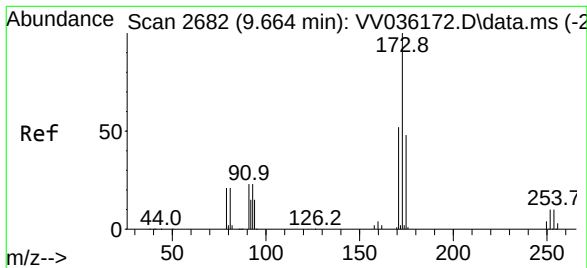
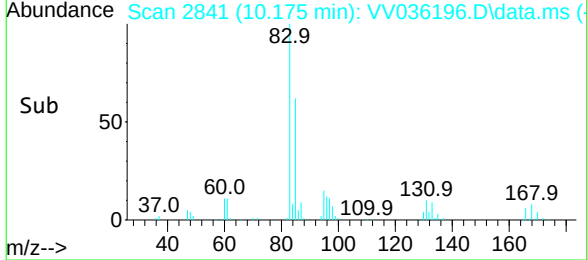
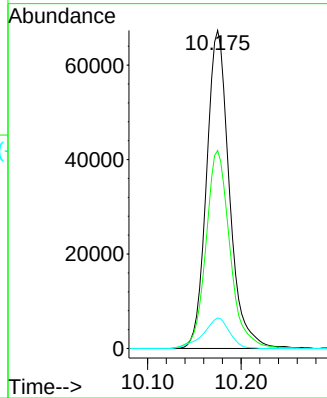
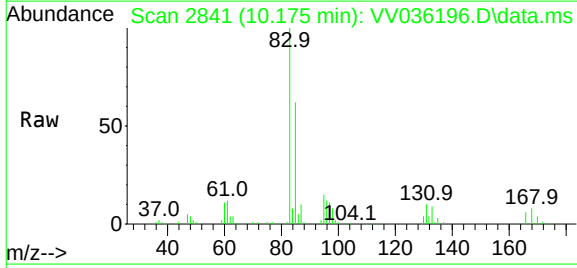




#57
1,1,2,2-Tetrachloroethane
Concen: 27.206 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

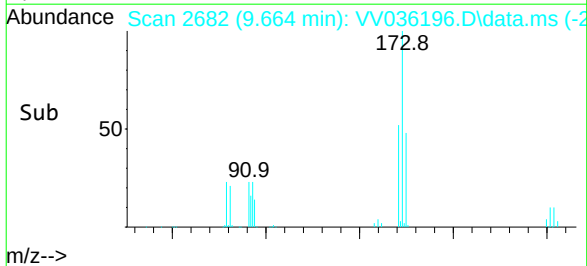
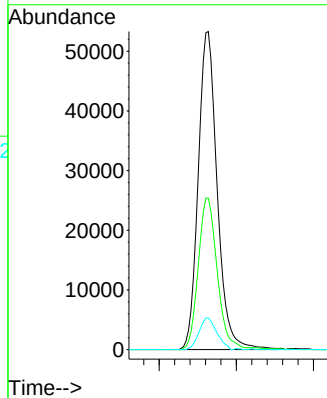
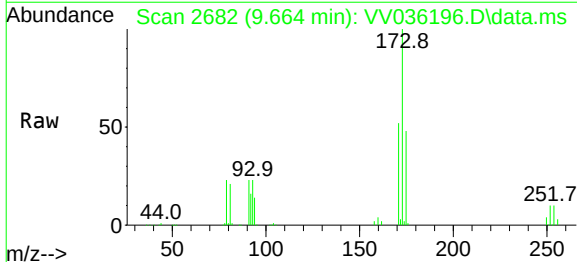
Instrument :
MSVOA_V
ClientSampleId :

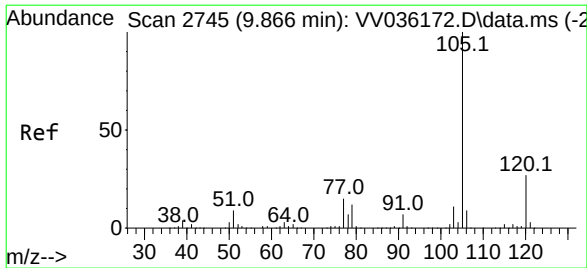
Tgt Ion:	83	Resp:	113903
Ion	Ratio	Lower	Upper
83	100		
85	62.2	45.1	83.7
131	9.6	7.6	11.4



#59
Bromoform
Concen: 27.853 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

Tgt Ion:	173	Resp:	91256
Ion	Ratio	Lower	Upper
173	100		
175	47.3	39.0	58.6
254	9.3	8.6	13.0





#60

Isopropylbenzene

Concen: 28.551 ug/L

RT: 9.863 min Scan# 2745

Delta R.T. -0.000 min

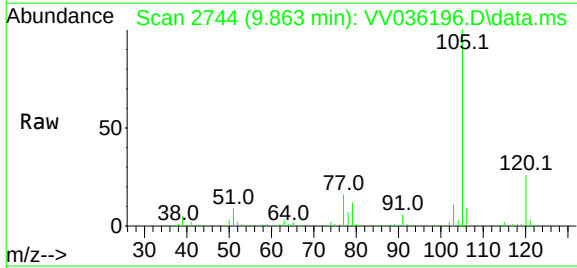
Lab File: VV036196.D

Acq: 21 Jun 2024 10:24

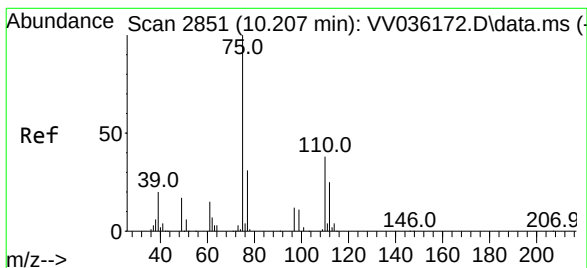
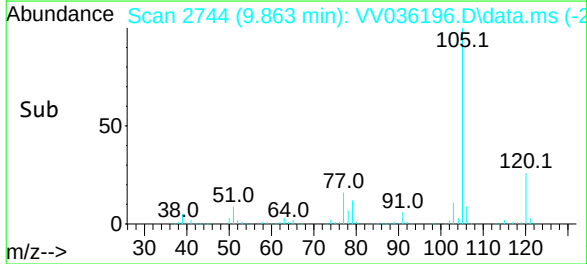
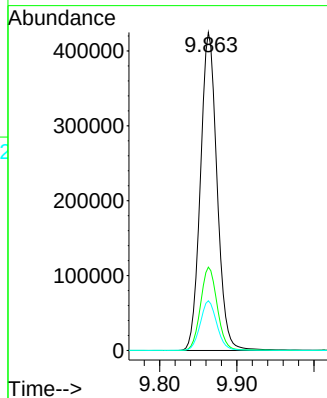
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	105	Resp:	636361
Ion Ratio	Lower	Upper	
105	100		
120	26.3	21.0	31.6
77	15.5	12.6	18.8



#61

1,2,3-Trichloropropane

Concen: 27.909 ug/L

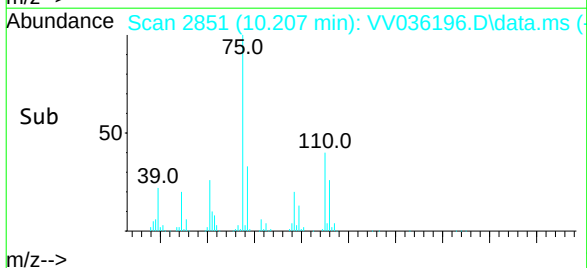
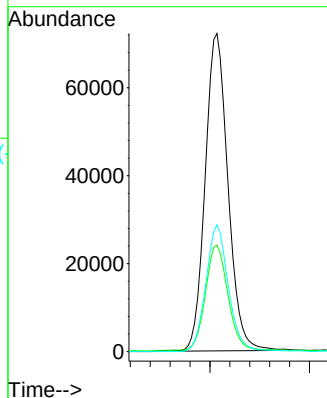
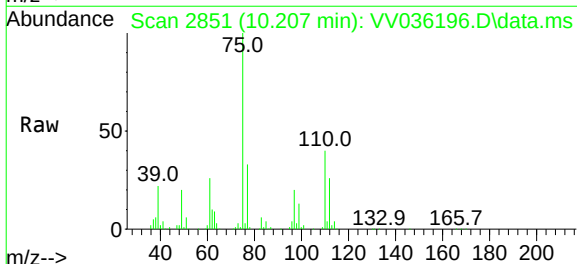
RT: 10.207 min Scan# 2851

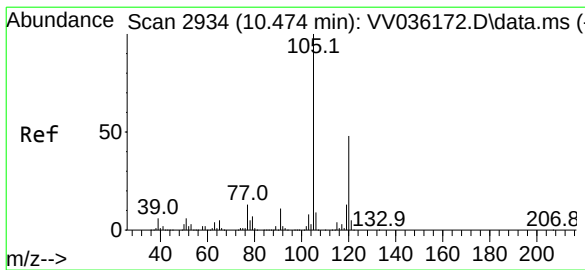
Delta R.T. -0.000 min

Lab File: VV036196.D

Acq: 21 Jun 2024 10:24

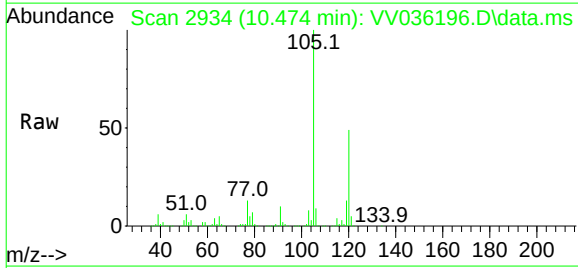
Tgt Ion:	75	Resp:	114675
Ion Ratio	Lower	Upper	
75	100		
77	32.3	26.0	39.0
110	39.6	32.2	48.4



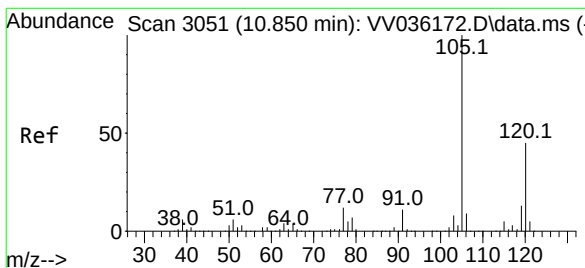
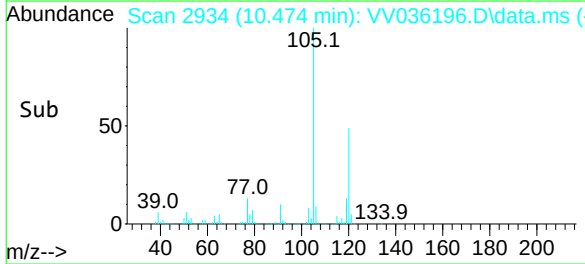
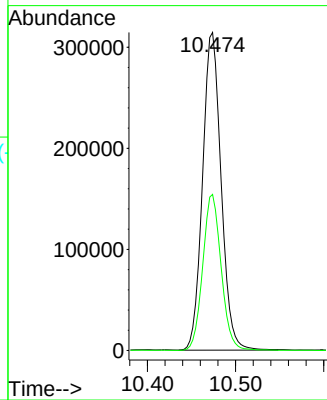


#62
1,3,5-Trimethylbenzene
Concen: 28.426 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

Instrument :
MSVOA_V
ClientSampleId :

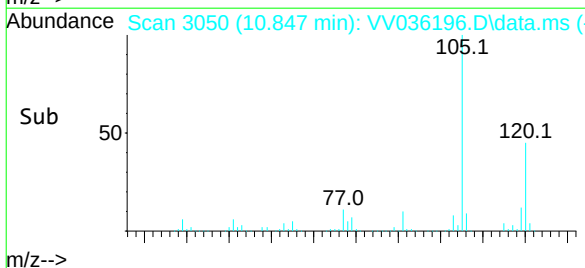
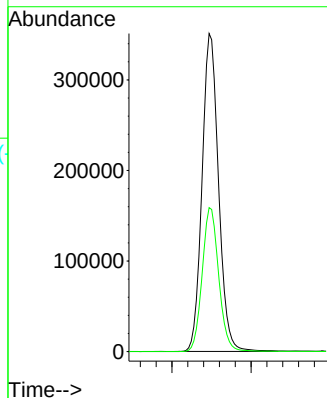
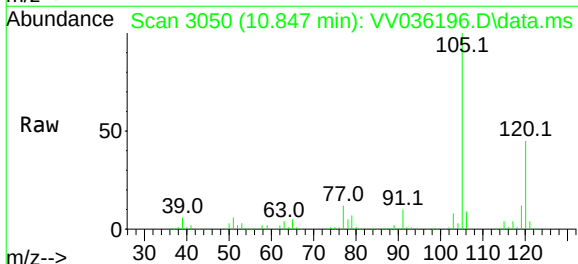


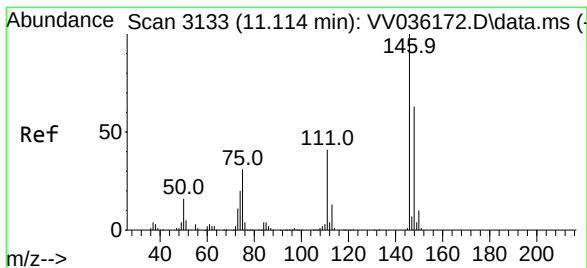
Tgt Ion:105 Resp: 459426
Ion Ratio Lower Upper
105 100
120 48.7 38.6 58.0



#63
1,2,4-Trimethylbenzene
Concen: 29.167 ug/L
RT: 10.847 min Scan# 3050
Delta R.T. -0.003 min
Lab File: VV036196.D
Acq: 21 Jun 2024 10:24

Tgt Ion:105 Resp: 507902
Ion Ratio Lower Upper
105 100
120 45.4 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 26.571 ug/L

RT: 11.114 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV036196.D

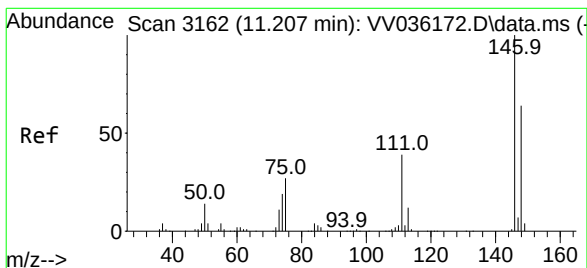
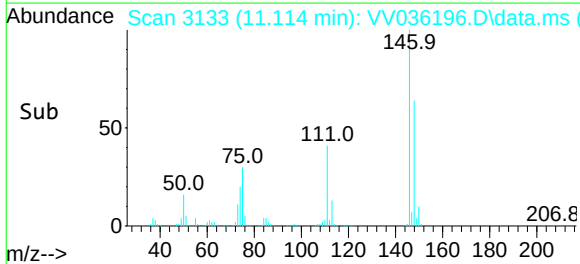
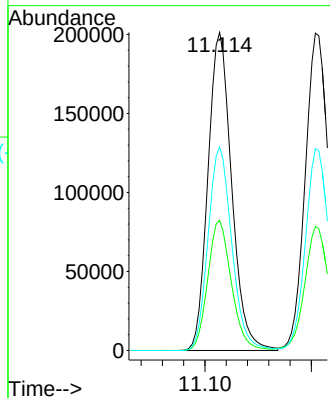
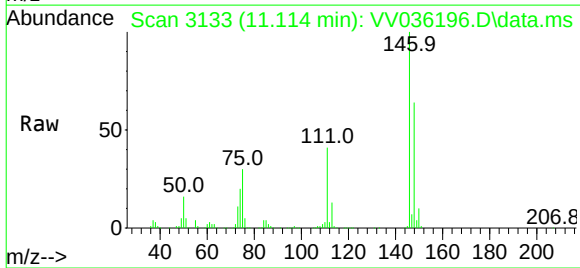
Acq: 21 Jun 2024 10:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	146	Resp:	311016
Ion	Ratio	Lower	Upper
146	100		
111	40.9	28.1	52.1
148	63.9	44.7	83.1



#65

1,4-Dichlorobenzene

Concen: 26.344 ug/L

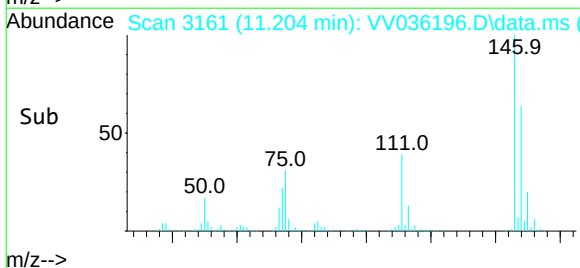
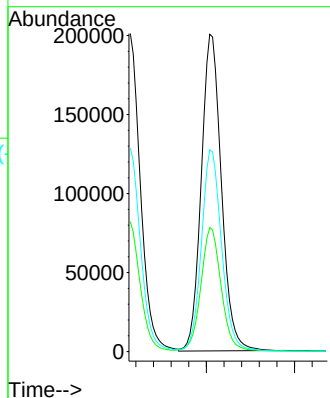
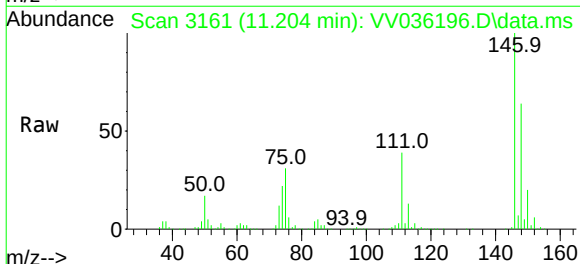
RT: 11.204 min Scan# 3161

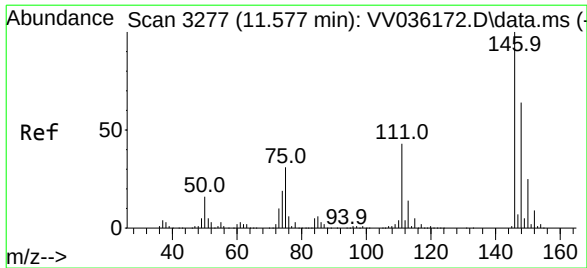
Delta R.T. -0.000 min

Lab File: VV036196.D

Acq: 21 Jun 2024 10:24

Tgt Ion:	146	Resp:	318279
Ion	Ratio	Lower	Upper
146	100		
111	39.1	26.9	50.1
148	63.6	44.5	82.7





#67

1,2-Dichlorobenzene

Concen: 26.783 ug/L

RT: 11.574 min Scan# 3277

Delta R.T. -0.003 min

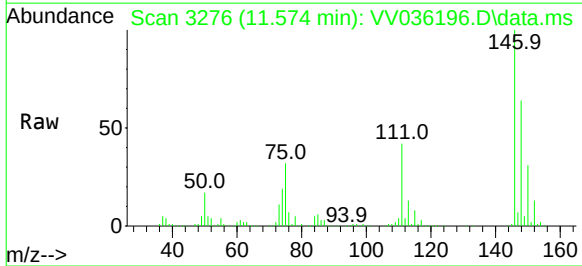
Lab File: VV036196.D

Acq: 21 Jun 2024 10:24

Instrument :

MSVOA_V

ClientSampleId :



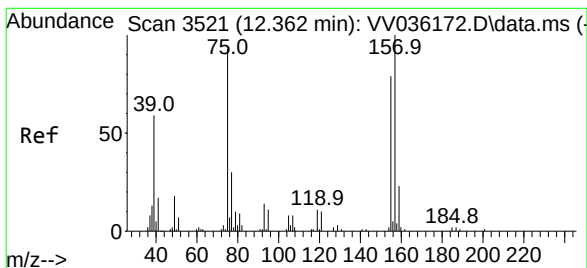
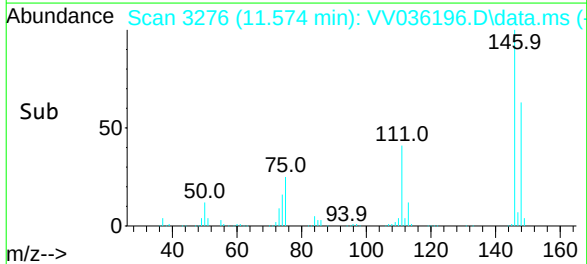
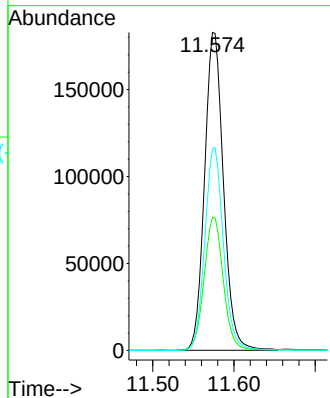
Tgt Ion:146 Resp: 295002

Ion Ratio Lower Upper

146 100

111 41.9 33.5 50.3

148 63.5 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 30.283 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV036196.D

Acq: 21 Jun 2024 10:24

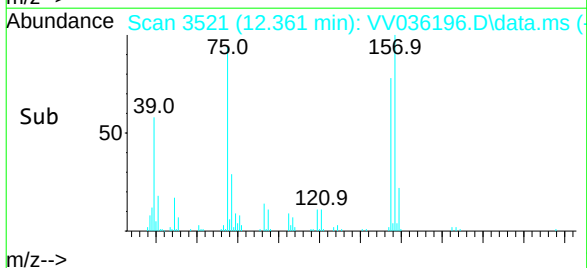
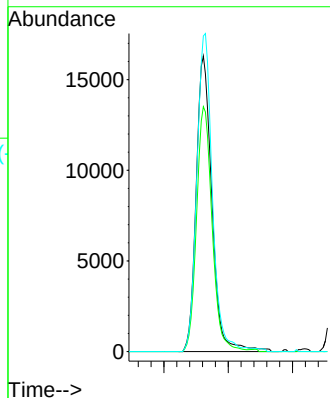
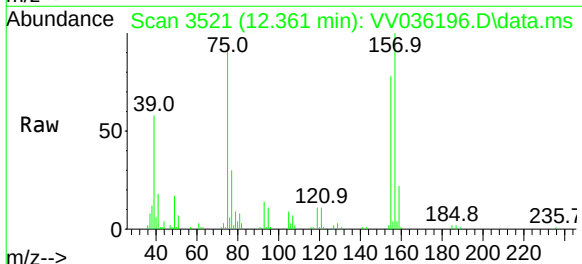
Tgt Ion: 75 Resp: 27824

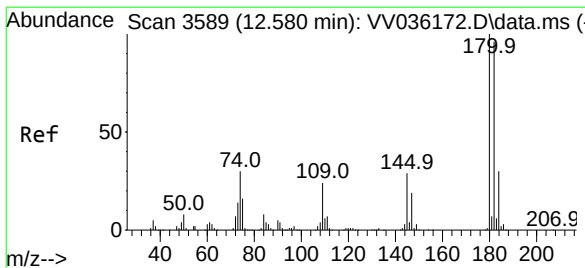
Ion Ratio Lower Upper

75 100

155 82.9 63.3 94.9

157 106.8 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 26.285 ug/L

RT: 12.577 min Scan# 3589

Delta R.T. -0.003 min

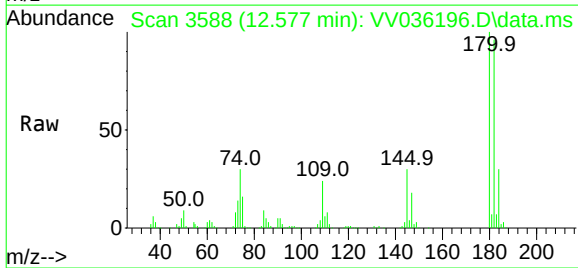
Lab File: VV036196.D

Acq: 21 Jun 2024 10:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 230140

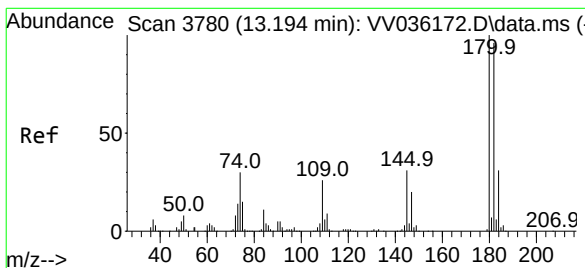
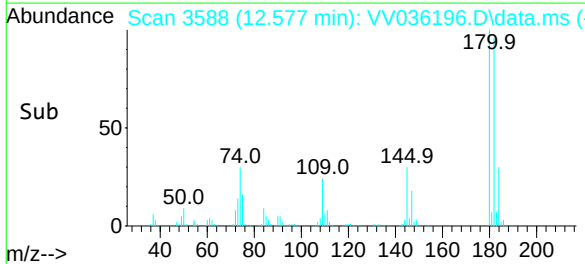
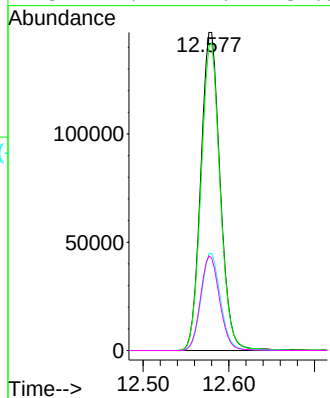
Ion Ratio Lower Upper

180 100

182 95.4 76.2 114.4

184 30.6 24.2 36.2

145 29.4 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 28.754 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV036196.D

Acq: 21 Jun 2024 10:24

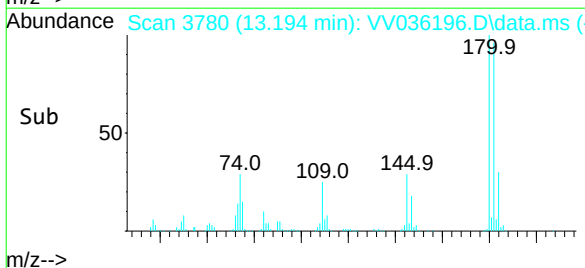
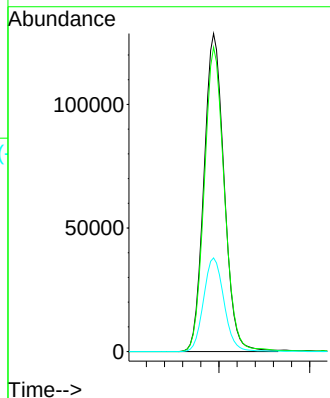
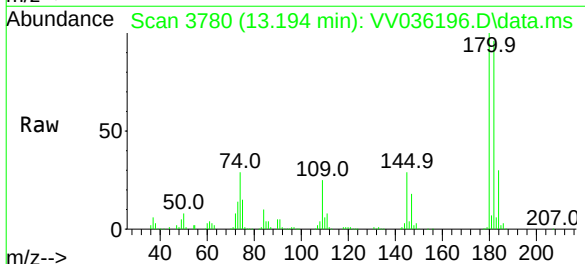
Tgt Ion:180 Resp: 198226

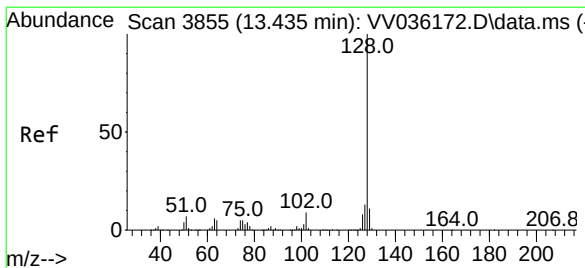
Ion Ratio Lower Upper

180 100

182 95.7 76.1 114.1

145 29.8 23.5 35.3





#71

Naphthalene

Concen: 35.382 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

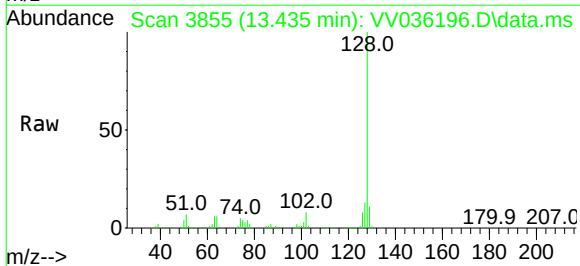
Lab File: VV036196.D

Acq: 21 Jun 2024 10:24

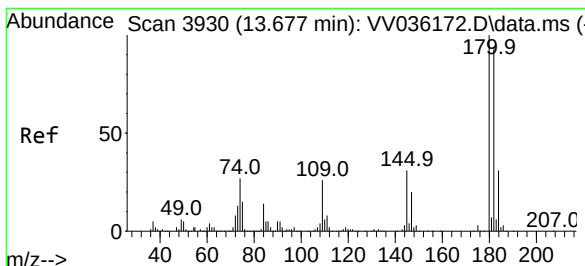
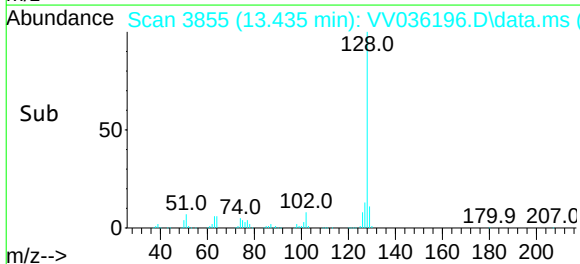
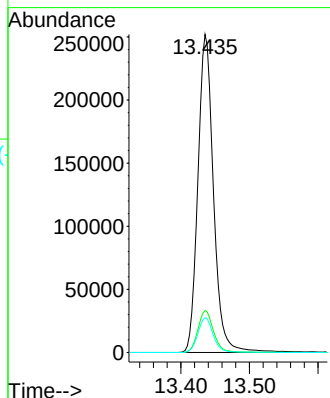
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	128	Resp:	398066
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	10.8	8.8	13.2



#72

1,2,3-Trichlorobenzene

Concen: 30.831 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV036196.D

Acq: 21 Jun 2024 10:24

Tgt Ion:	180	Resp:	193955
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.1	112.7
145	32.1	25.2	37.8

