

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061124\
 Data File : VV036040.D
 Acq On : 11 Jun 2024 17:27
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 02:09:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 12 02:05:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	340642	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	356031	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	192923	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	147730	23.589	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.360%
7) Chloroethane-d5	1.529	69	132472	26.528	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.120%
11) 1,1-Dichloroethene-d2	2.053	65	70571	25.312	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.240%
21) 2-Butanone-d5	3.841	46	104253	72.554	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.100%#
24) Chloroform-d	4.243	84	322248	29.756	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	119.040%
26) 1,2-Dichloroethane-d4	4.937	65	176165	31.025	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	124.120%
32) Benzene-d6	4.953	84	606694	28.667	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.680%
36) 1,2-Dichloropropane-d6	5.986	67	198681	29.812	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.240%
41) Toluene-d8	7.240	98	546212	29.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.000%
43) trans-1,3-Dichloroprop...	7.551	79	82108	30.047	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	120.200%
47) 2-Hexanone-d5	8.030	63	73884	81.825	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	163.640%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	165198	33.171	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	132.680%#
66) 1,2-Dichlorobenzene-d4	11.558	152	210551	29.761	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	118528	19.298	ug/L	100
3) Chloromethane	1.211	50	158927	22.547	ug/L	98
5) Vinyl chloride	1.278	62	164326	22.144	ug/L	99
6) Bromomethane	1.484	94	104094	22.612	ug/L	100
8) Chloroethane	1.545	64	109074	23.647	ug/L	98
9) Trichlorofluoromethane	1.709	101	210936	22.889	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	135816	23.222	ug/L	100
12) 1,1-Dichloroethene	2.063	96	126527	23.195	ug/L	90
14) Carbon disulfide	2.233	76	403988	21.327	ug/L	100
15) Methyl Acetate	2.388	43	77647	27.910	ug/L	100
16) Methylene chloride	2.442	84	192475	24.971	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	137797	23.781	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	357292	27.466	ug/L	99
19) 1,1-Dichloroethane	3.108	63	279393	25.319	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	147302	25.299	ug/L	99
23) Bromochloromethane	4.143	128	75063	25.701	ug/L	96
25) Chloroform	4.272	83	286468	25.236	ug/L	99
27) 1,2-Dichloroethane	5.037	62	197220	27.829	ug/L	100
29) Cyclohexane	4.577	56	192214	22.675	ug/L	99

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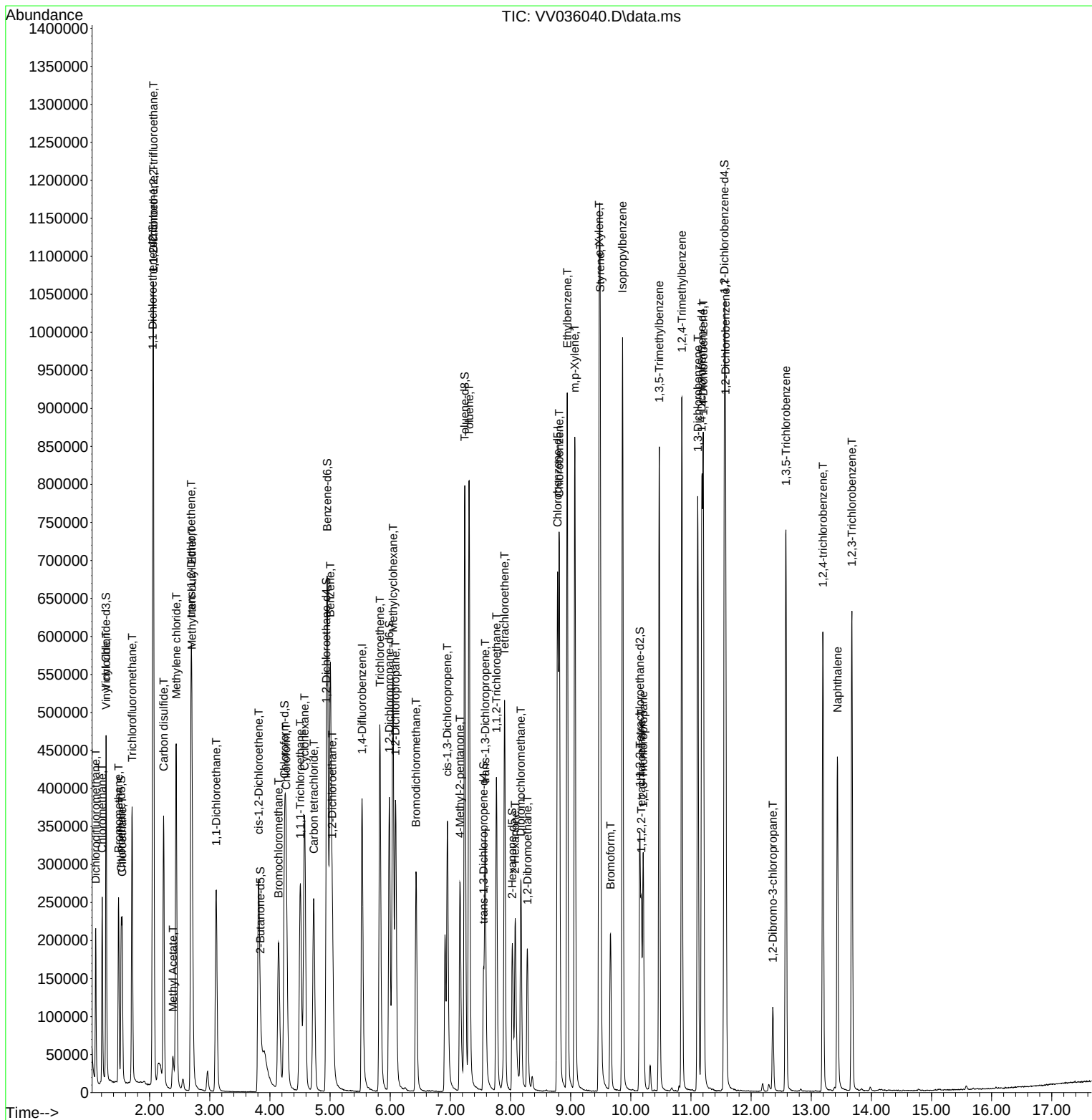
Instrument :
 MSVOA_V
 ClientSampleId :

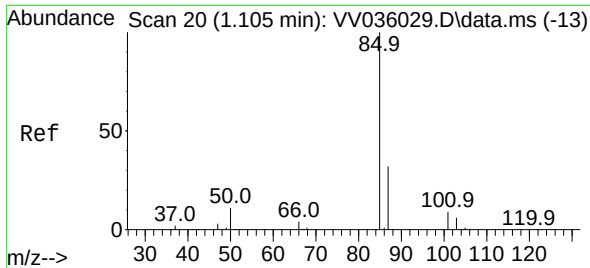
Quant Time: Jun 12 02:09:19 2024
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 Quant Title : VOC Analysis
 QLast Update : Wed Jun 12 02:05:45 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	4.507	97	230788	23.711	ug/L	99
31) Carbon tetrachloride	4.728	117	199067	23.313	ug/L	98
33) Benzene	5.005	78	587313	25.222	ug/L	100
34) Trichloroethene	5.831	95	174062	24.390	ug/L	99
35) Methylcyclohexane	6.047	83	220137	22.305	ug/L	98
37) 1,2-Dichloropropane	6.088	63	161065	26.342	ug/L	100
38) Bromodichloromethane	6.429	83	202995	25.083	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	235116	25.710	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	204839	61.663	ug/L	98
42) Toluene	7.313	91	605963	25.467	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	213190	26.989	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	133469	26.382	ug/L	99
46) Tetrachloroethene	7.902	164	117823	22.574	ug/L	100
48) 2-Hexanone	8.079	43	157304	60.571	ug/L	98
49) Dibromochloromethane	8.172	129	144546	26.106	ug/L	100
50) 1,2-Dibromoethane	8.281	107	130519	26.887	ug/L	100
51) Chlorobenzene	8.812	112	392883	24.234	ug/L	100
52) Ethylbenzene	8.944	91	632029	24.827	ug/L	99
53) m,p-Xylene	9.069	106	239720	25.061	ug/L	96
54) o-Xylene	9.474	106	223872	24.818	ug/L	98
55) Styrene	9.493	104	423046	26.595	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	122448	27.031	ug/L	99
59) Bromoform	9.664	173	97340	26.755	ug/L	98
60) Isopropylbenzene	9.863	105	616070	24.891	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	128944	28.260	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	434958	24.235	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	483571	25.007	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	316115	24.320	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	328630	24.495	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	306892	25.090	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	28664	28.094	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	228731	23.525	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	188435	24.614	ug/L	99
71) Naphthalene	13.435	128	349314	27.960	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	186264	26.663	ug/L	99

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

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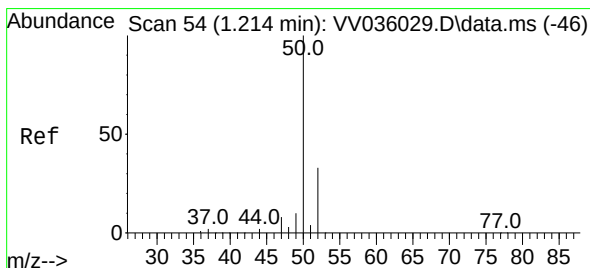
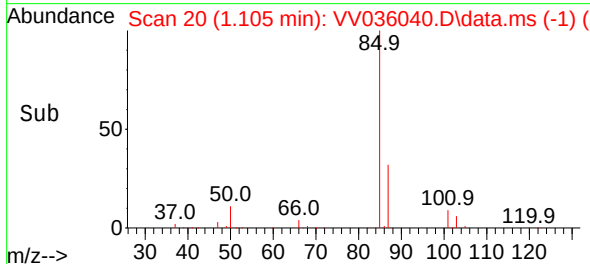
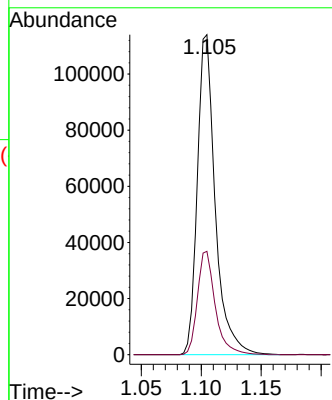
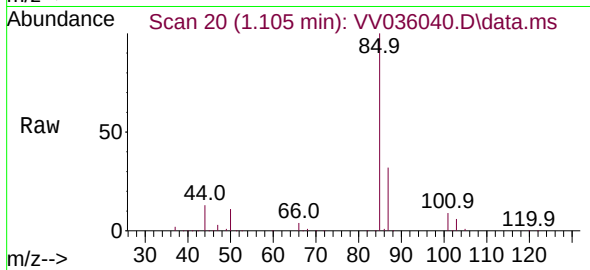




#2
 Dichlorodifluoromethane
 Concen: 19.298 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV036040.D
 Acq: 11 Jun 2024 17:27

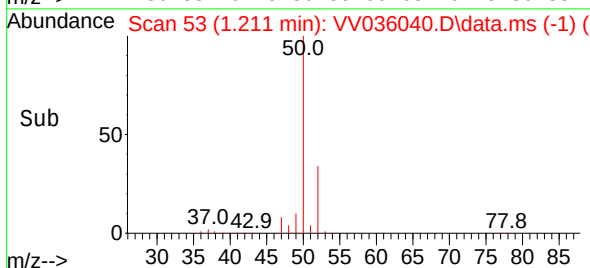
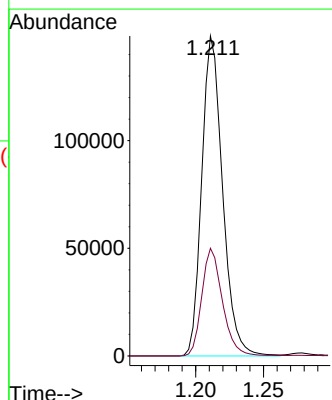
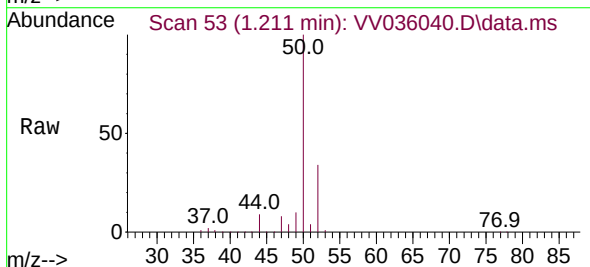
Instrument :
 MSVOA_V
 ClientSampleId :

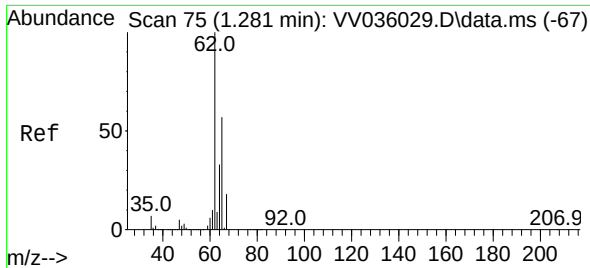
Tgt Ion: 85 Resp: 118528
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.9 38.9



#3
 Chloromethane
 Concen: 22.547 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.003 min
 Lab File: VV036040.D
 Acq: 11 Jun 2024 17:27

Tgt Ion: 50 Resp: 158927
 Ion Ratio Lower Upper
 50 100
 52 33.7 22.8 42.4

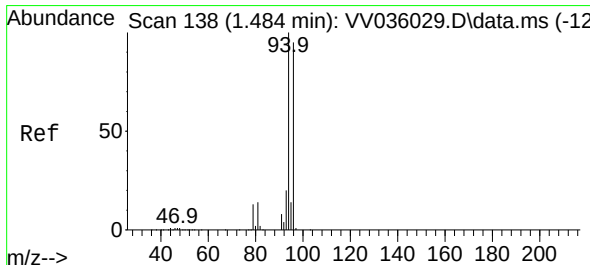
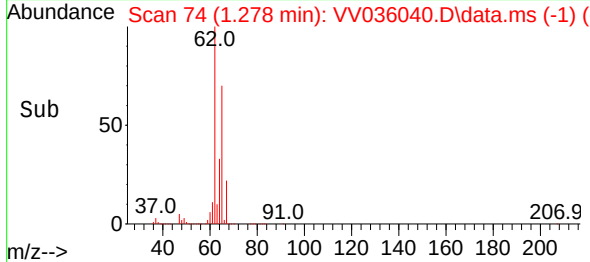
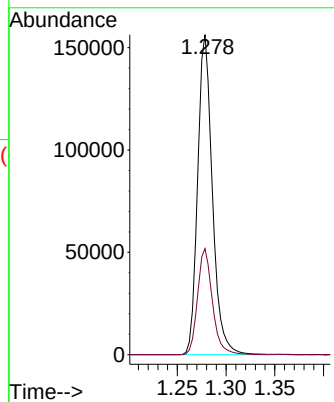
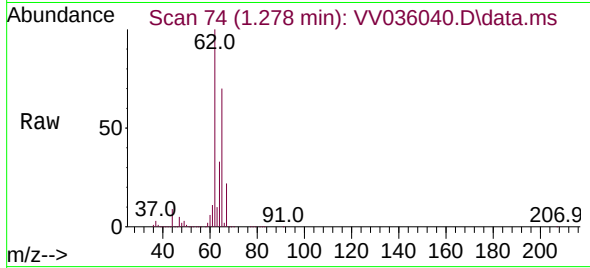




#5
 Vinyl chloride
 Concen: 22.144 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV036040.D
 Acq: 11 Jun 2024 17:27

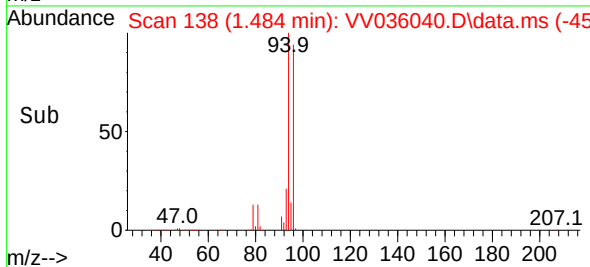
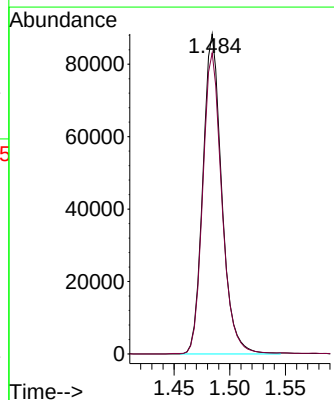
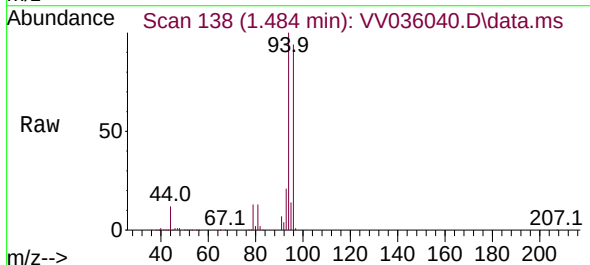
Instrument :
 MSVOA_V
 ClientSampleId :

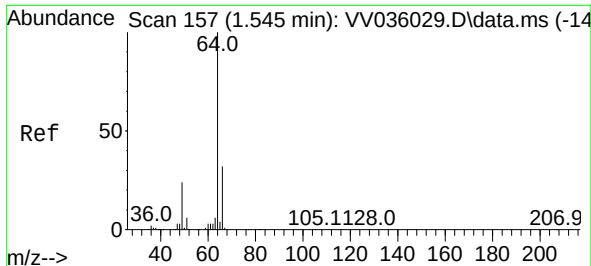
Tgt Ion: 62 Resp: 164326
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.9 42.5



#6
 Bromomethane
 Concen: 22.612 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV036040.D
 Acq: 11 Jun 2024 17:27

Tgt Ion: 94 Resp: 104094
 Ion Ratio Lower Upper
 94 100
 96 94.1 65.7 122.1

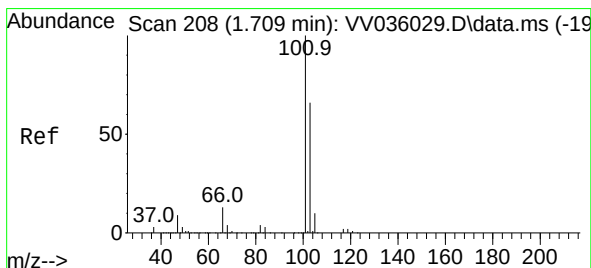
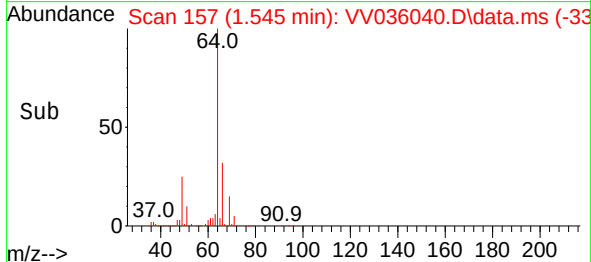
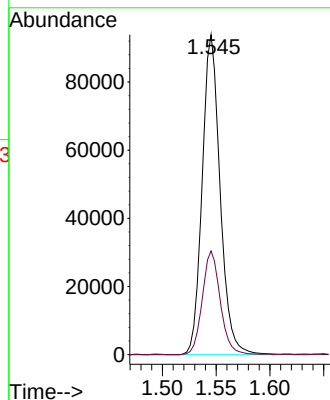
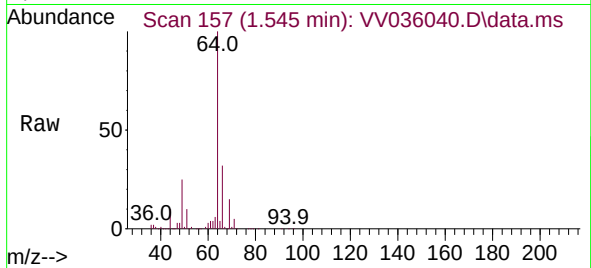




#8
Chloroethane
Concen: 23.647 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27

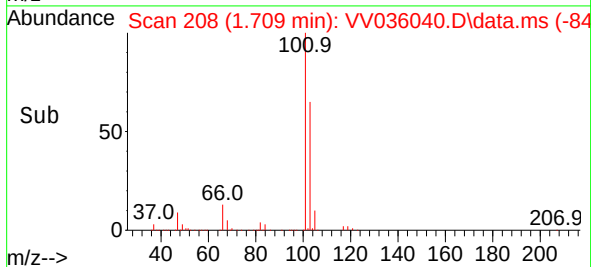
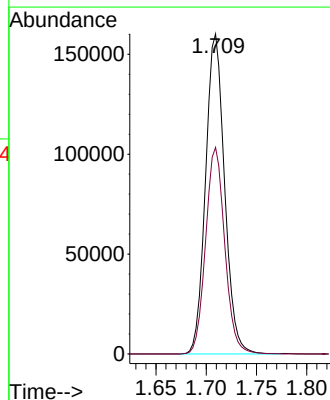
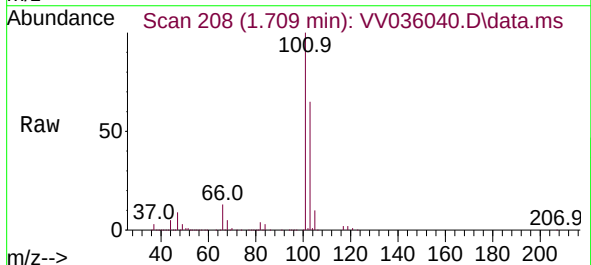
Instrument :
MSVOA_V
ClientSampleId :

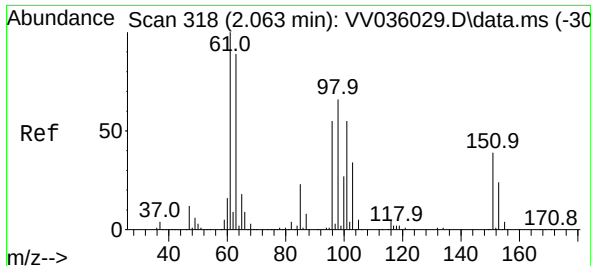
Tgt Ion: 64 Resp: 109074
Ion Ratio Lower Upper
64 100
66 32.4 22.0 41.0



#9
Trichlorofluoromethane
Concen: 22.889 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27

Tgt Ion:101 Resp: 210936
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 23.222 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

Instrument :

MSVOA_V

ClientSampleId :

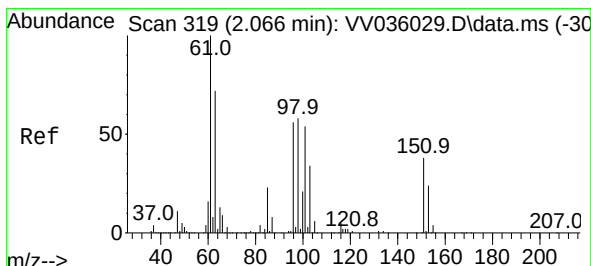
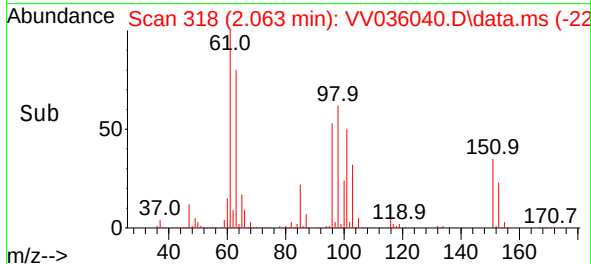
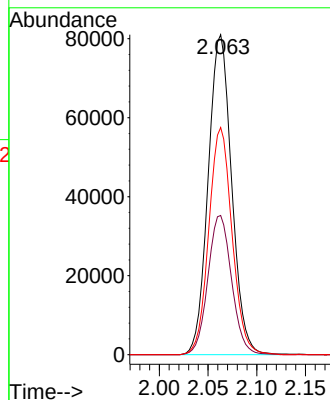
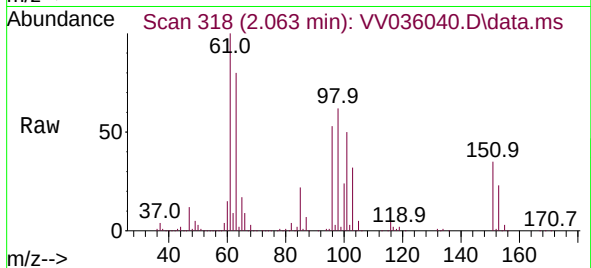
Tgt Ion:101 Resp: 135816

Ion Ratio Lower Upper

101 100

85 43.9 34.5 51.7

151 70.4 56.3 84.5



#12

1,1-Dichloroethene

Concen: 23.195 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.003 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

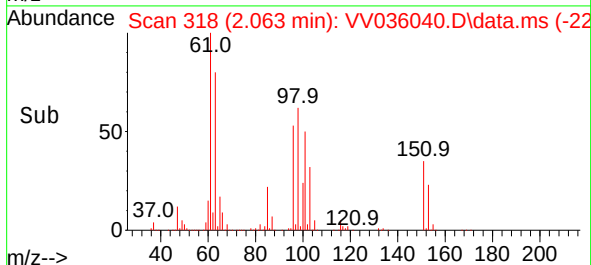
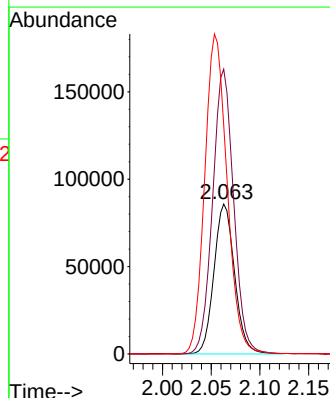
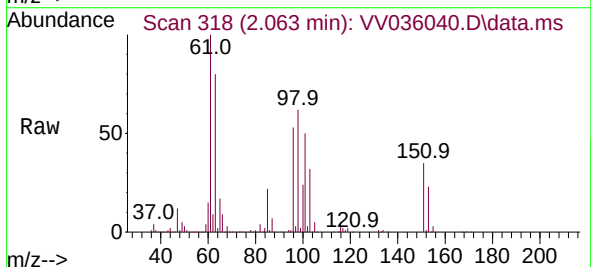
Tgt Ion: 96 Resp: 126527

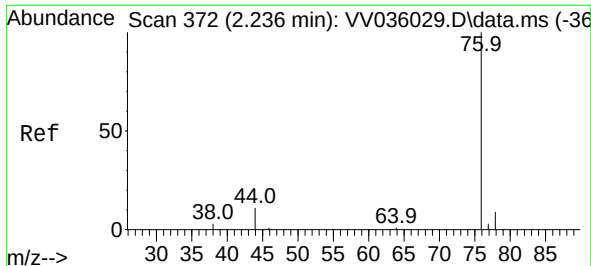
Ion Ratio Lower Upper

96 100

61 189.9 127.3 236.3

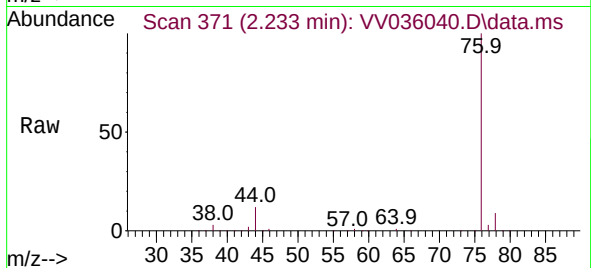
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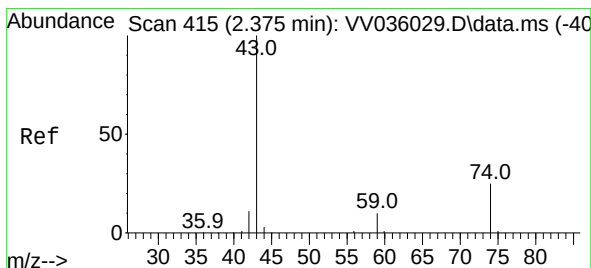
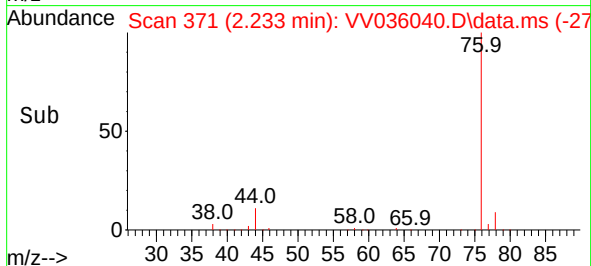
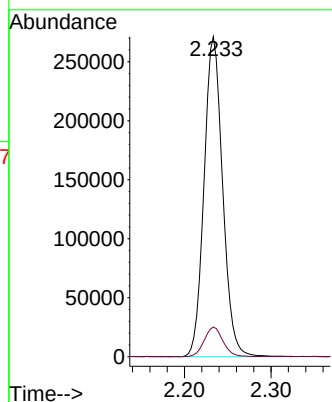


#14
Carbon disulfide
Concen: 21.327 ug/L
RT: 2.233 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27

Instrument :
MSVOA_V
ClientSampleId :

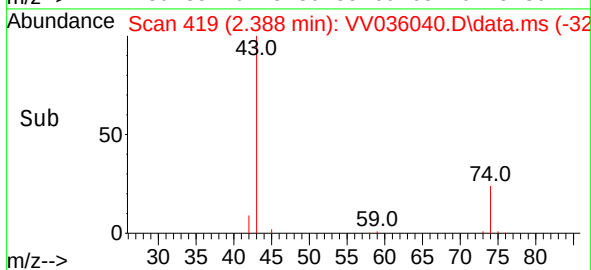
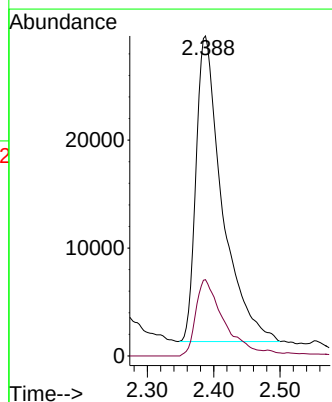
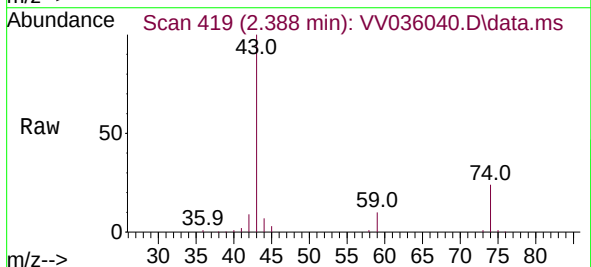


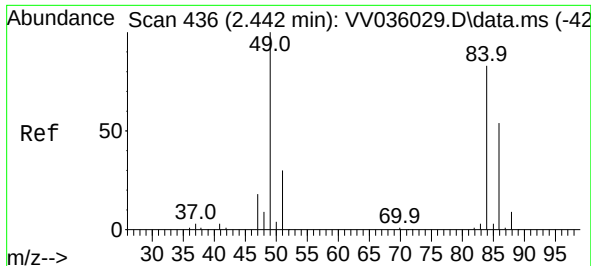
Tgt Ion: 76 Resp: 403988
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#15
Methyl Acetate
Concen: 27.910 ug/L
RT: 2.388 min Scan# 419
Delta R.T. 0.013 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27

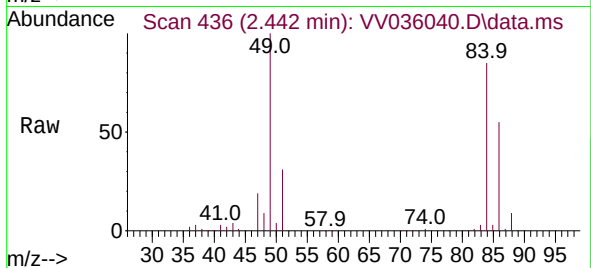
Tgt Ion: 43 Resp: 77647
Ion Ratio Lower Upper
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74 26.6 21.4 32.2



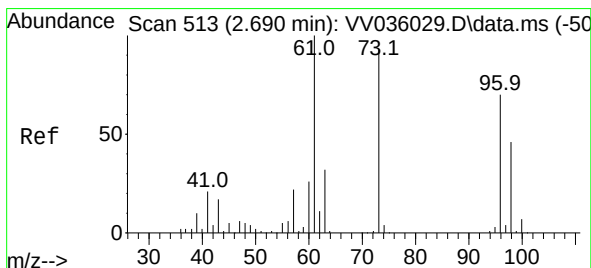
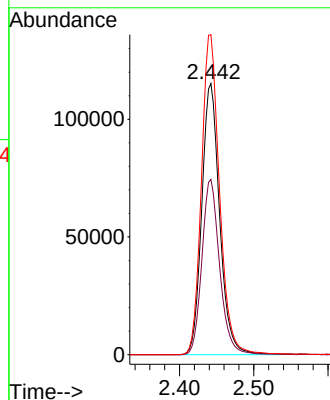
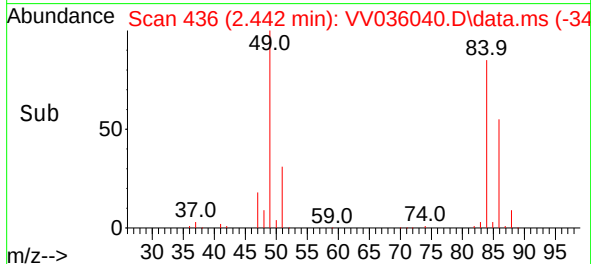


#16
Methylene chloride
Concen: 24.971 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27

Instrument :
MSVOA_V
ClientSampleId :

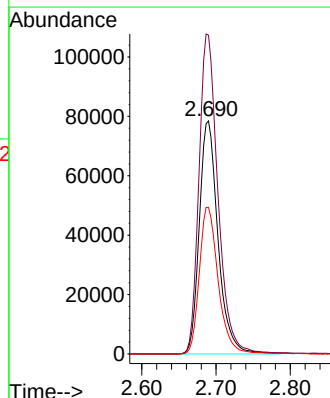
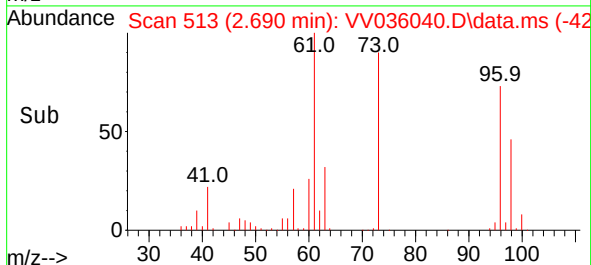
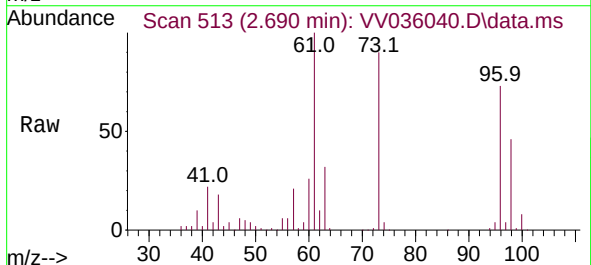


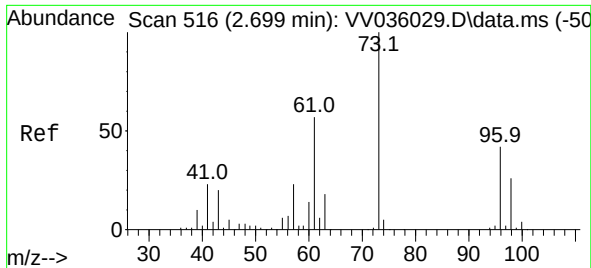
Tgt Ion: 84 Resp: 192475
Ion Ratio Lower Upper
84 100
86 64.6 44.6 82.8
49 118.0 81.1 150.5



#17
trans-1,2-Dichloroethene
Concen: 23.781 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27

Tgt Ion: 96 Resp: 137797
Ion Ratio Lower Upper
96 100
61 136.8 99.4 184.6
98 62.9 44.9 83.3

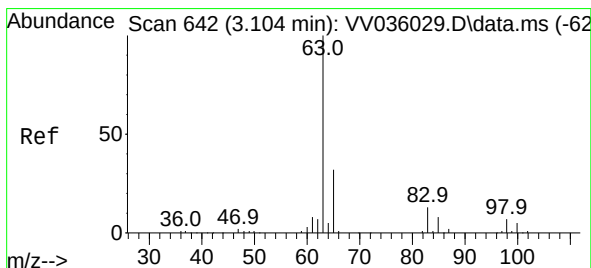
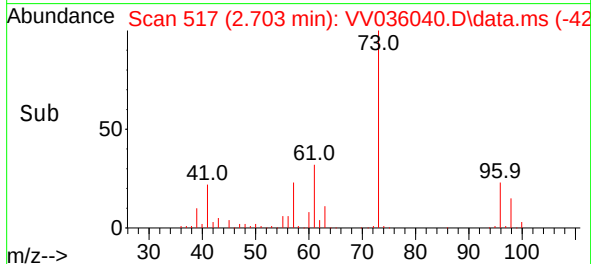
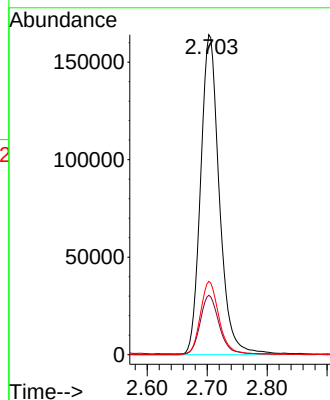
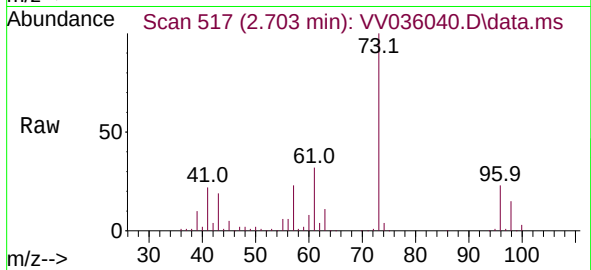




#18
Methyl tert-butyl Ether
Concen: 27.466 ug/L
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27

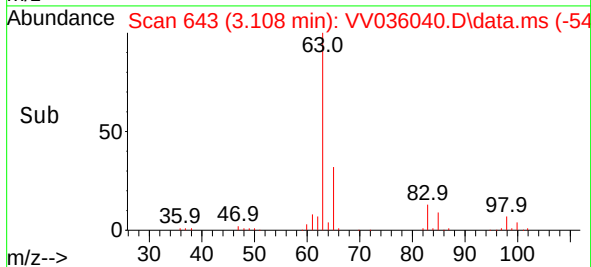
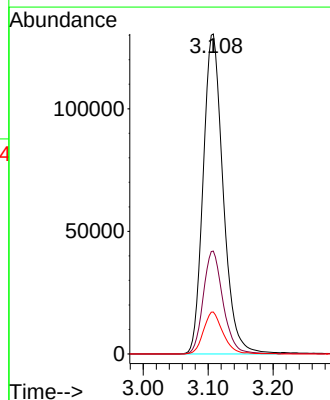
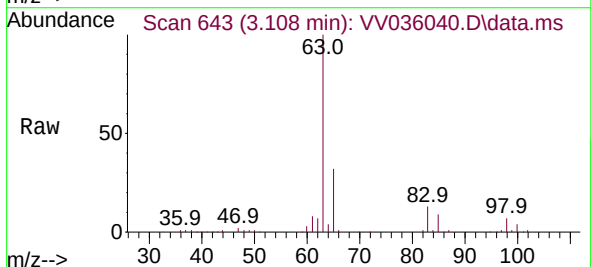
Instrument :
MSVOA_V
ClientSampleId :

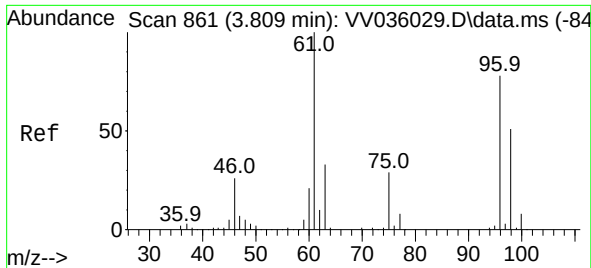
Tgt Ion: 73 Resp: 357292
Ion Ratio Lower Upper
73 100
43 18.1 14.3 21.5
57 22.9 17.8 26.6



#19
1,1-Dichloroethane
Concen: 25.319 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27

Tgt Ion: 63 Resp: 279393
Ion Ratio Lower Upper
63 100
65 32.1 22.4 41.6
83 13.1 9.2 17.0





#20

cis-1,2-Dichloroethene

Concen: 25.299 ug/L

RT: 3.812 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

Instrument :

MSVOA_V

ClientSampleId :

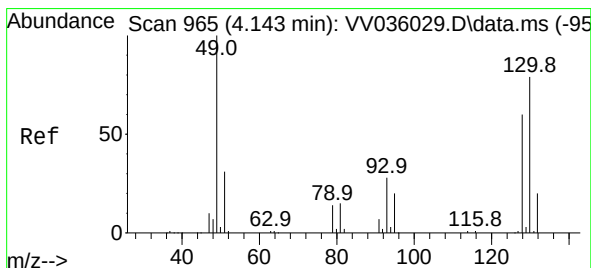
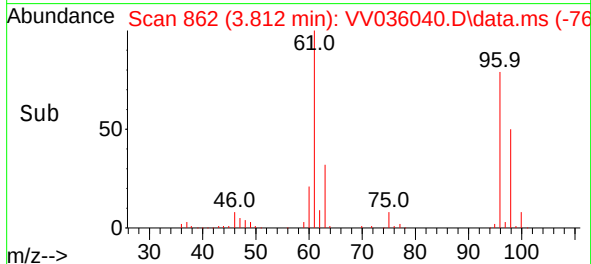
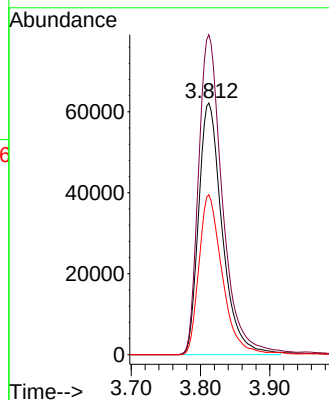
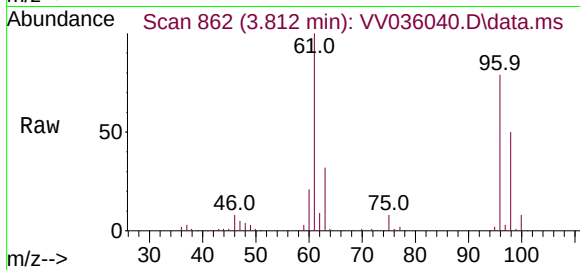
Tgt Ion: 96 Resp: 147302

Ion Ratio Lower Upper

96 100

61 127.1 87.9 163.3

98 63.6 44.4 82.5



#23

Bromochloromethane

Concen: 25.701 ug/L

RT: 4.143 min Scan# 965

Delta R.T. 0.000 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

Tgt Ion:128 Resp: 75063

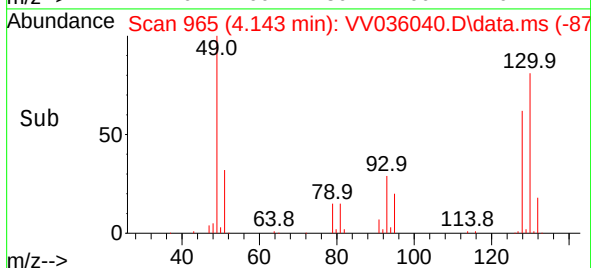
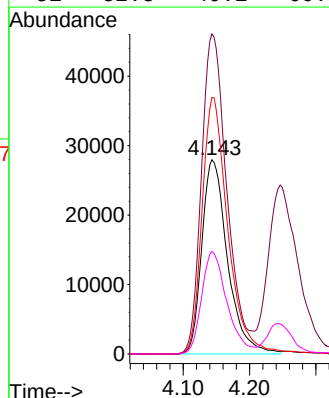
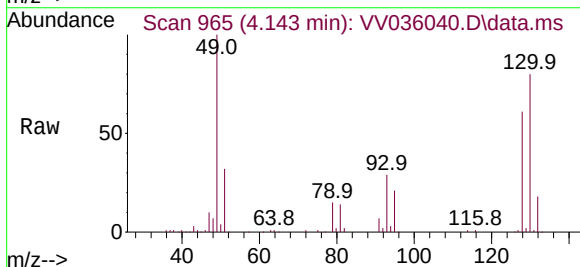
Ion Ratio Lower Upper

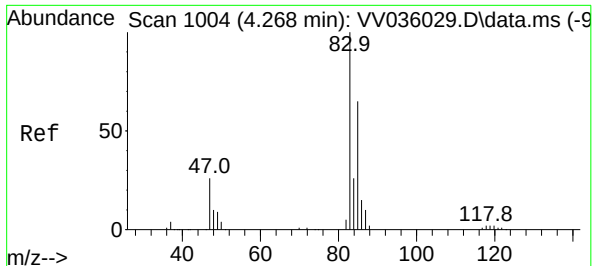
128 100

49 164.8 110.2 204.6

130 132.1 90.2 167.4

51 52.8 40.2 60.2





#25

Chloroform

Concen: 25.236 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

Instrument :

MSVOA_V

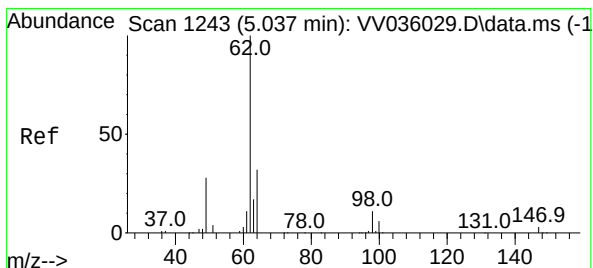
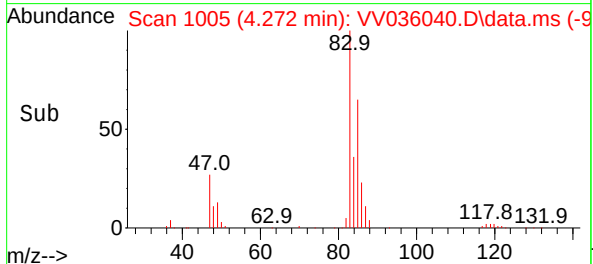
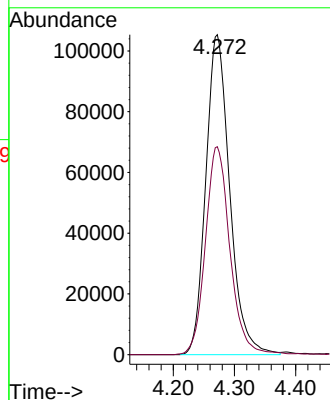
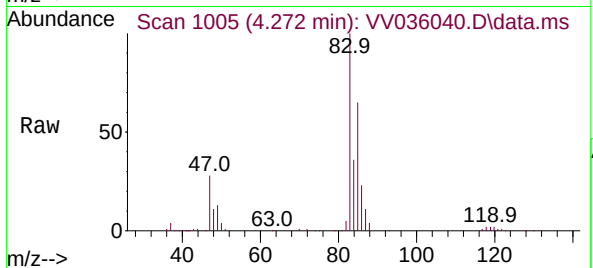
ClientSampleId :

Tgt Ion: 83 Resp: 286468

Ion Ratio Lower Upper

83 100

85 65.0 45.2 84.0



#27

1,2-Dichloroethane

Concen: 27.829 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV036040.D

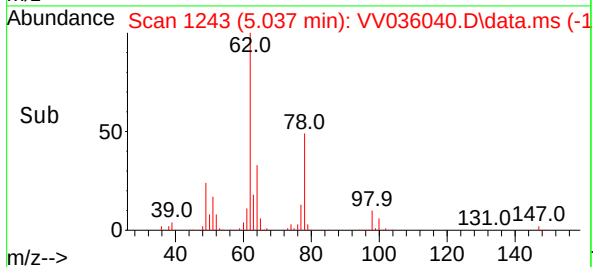
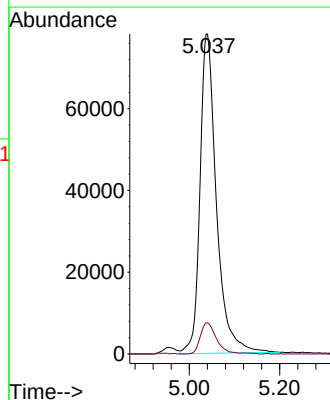
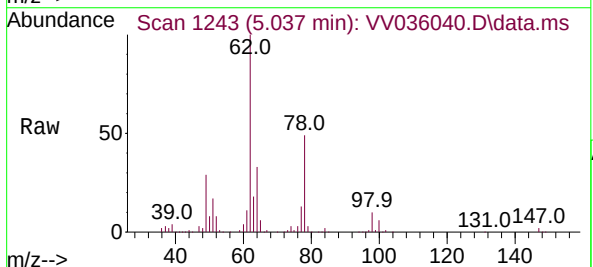
Acq: 11 Jun 2024 17:27

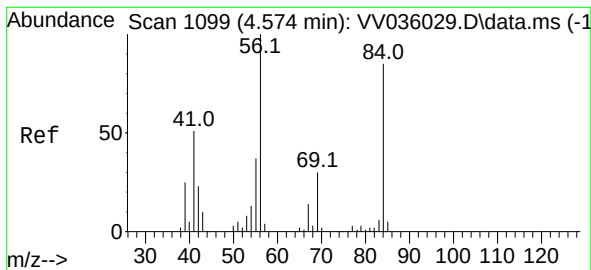
Tgt Ion: 62 Resp: 197220

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.6





#29

Cyclohexane

Concen: 22.675 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

Instrument :

MSVOA_V

ClientSampleId :

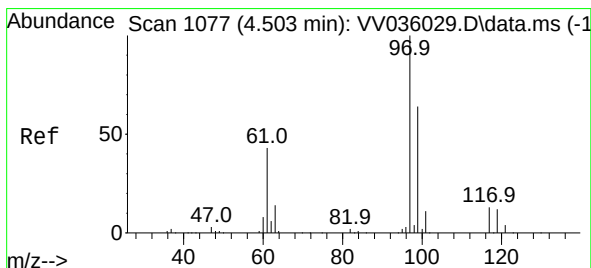
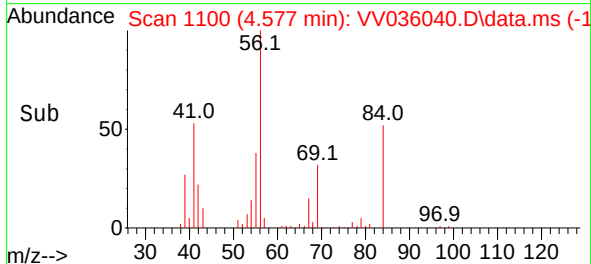
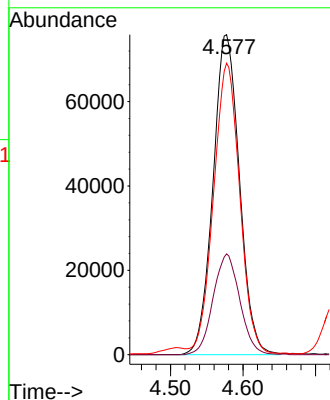
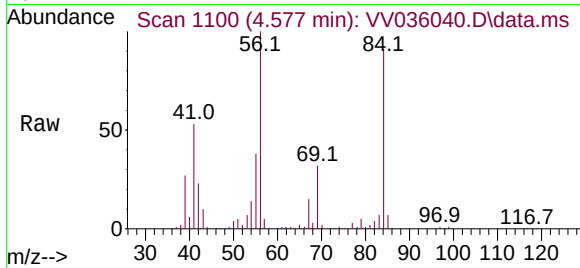
Tgt Ion: 56 Resp: 192214

Ion Ratio Lower Upper

56 100

69 31.7 25.2 37.8

84 89.3 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 23.711 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

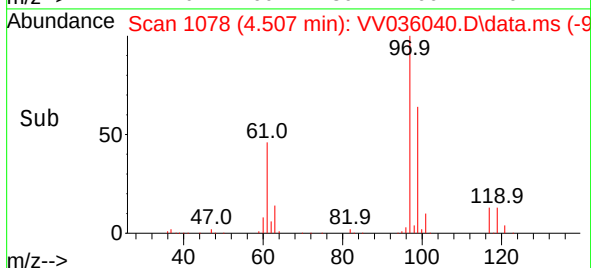
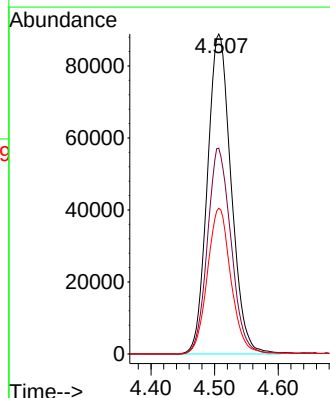
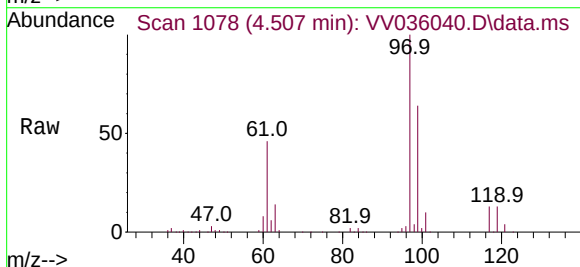
Tgt Ion: 97 Resp: 230788

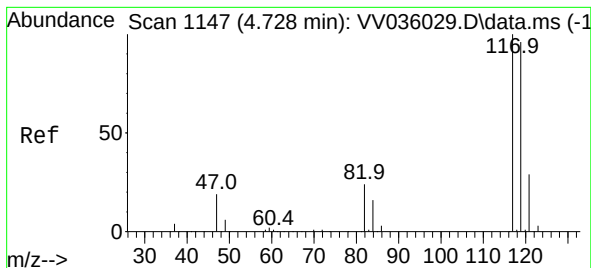
Ion Ratio Lower Upper

97 100

99 63.8 50.9 76.3

61 45.0 35.0 52.6





#31

Carbon tetrachloride

Concen: 23.313 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

Instrument :

MSVOA_V

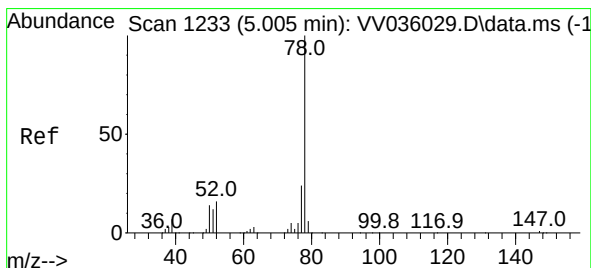
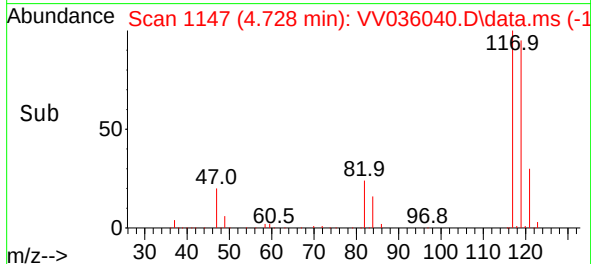
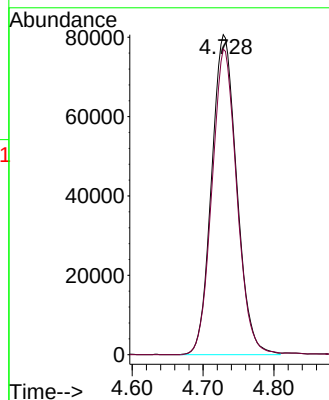
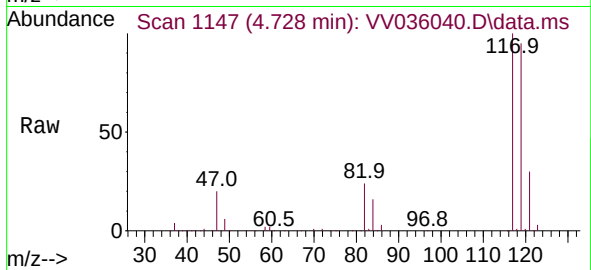
ClientSampleId :

Tgt Ion:117 Resp: 199067

Ion Ratio Lower Upper

117 100

119 94.5 76.8 115.2



#33

Benzene

Concen: 25.222 ug/L

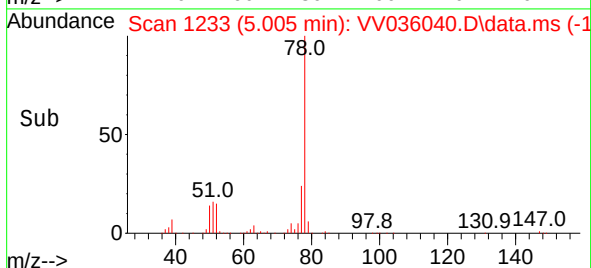
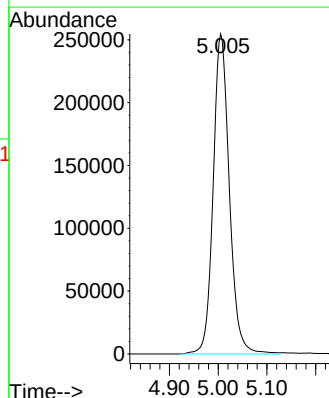
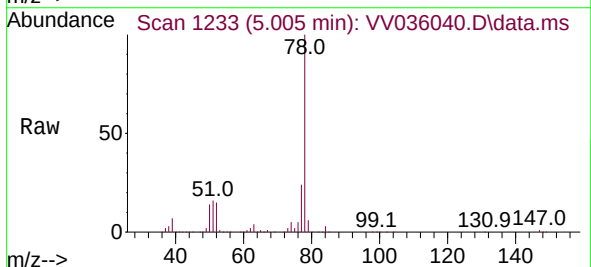
RT: 5.005 min Scan# 1233

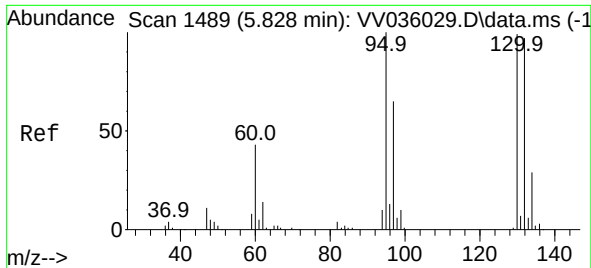
Delta R.T. 0.000 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

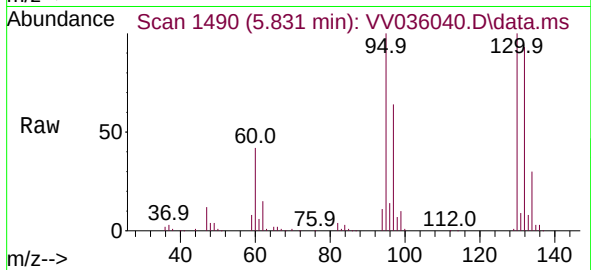
Tgt Ion: 78 Resp: 587313



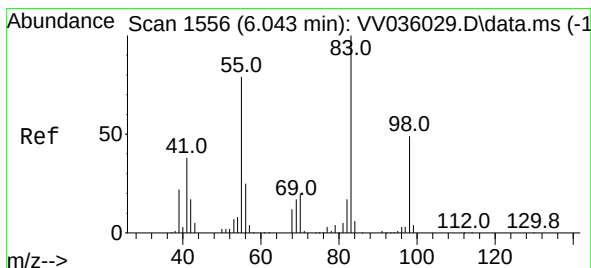
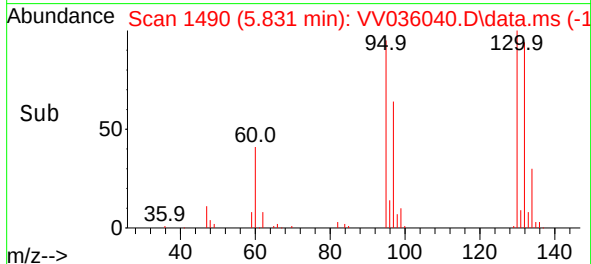
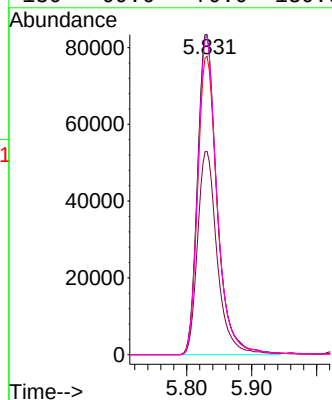


#34
Trichloroethene
Concen: 24.390 ug/L
RT: 5.831 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27

Instrument :
MSVOA_V
ClientSampleId :

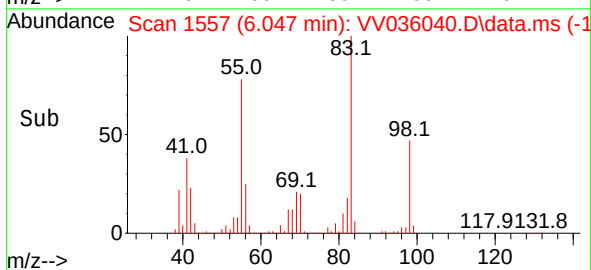
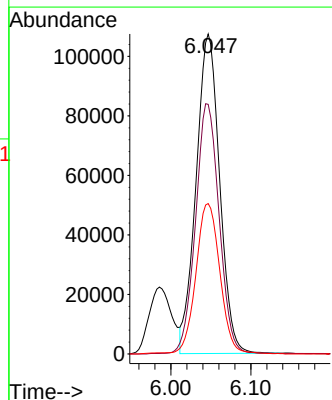
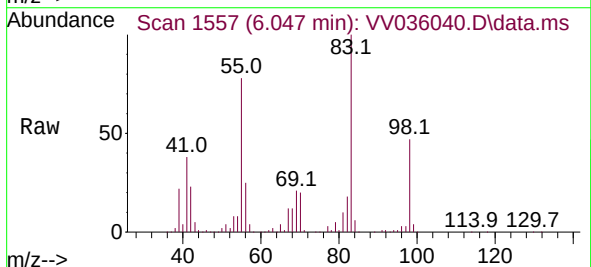


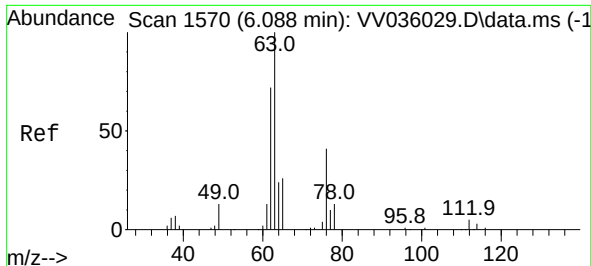
Tgt Ion: 95 Resp: 174062
Ion Ratio Lower Upper
95 100
97 63.5 44.8 83.2
132 93.3 66.8 124.2
130 99.6 70.0 130.0



#35
Methylcyclohexane
Concen: 22.305 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.003 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27

Tgt Ion: 83 Resp: 220137
Ion Ratio Lower Upper
83 100
55 78.8 60.7 91.1
98 48.3 38.7 58.1





#37

1,2-Dichloropropane

Concen: 26.342 ug/L

RT: 6.088 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

Instrument :

MSVOA_V

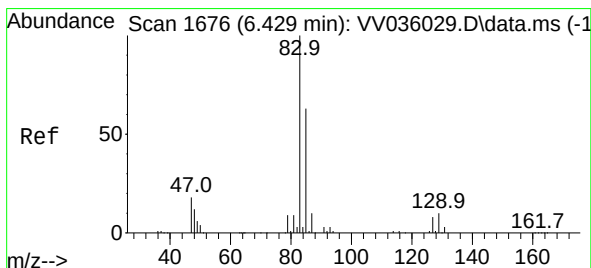
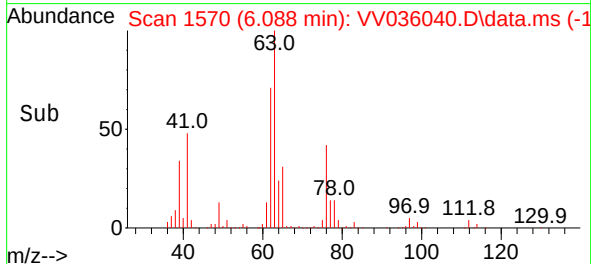
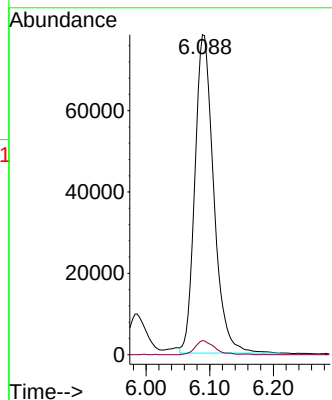
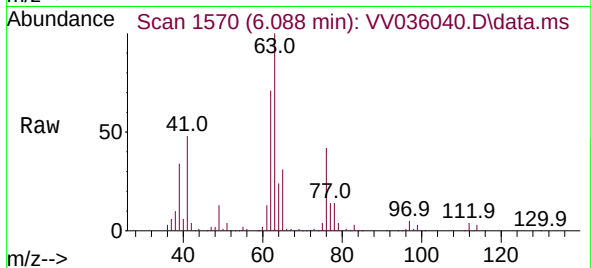
ClientSampleId :

Tgt Ion: 63 Resp: 161065

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 25.083 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

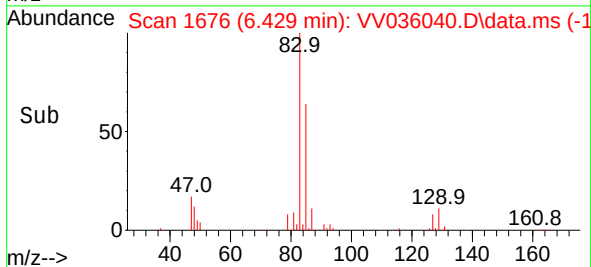
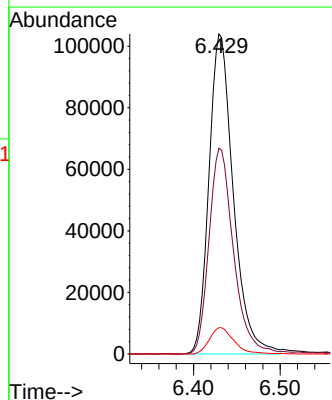
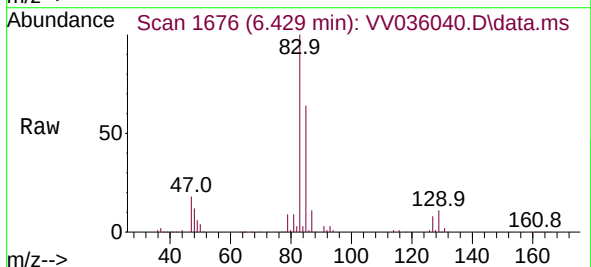
Tgt Ion: 83 Resp: 202995

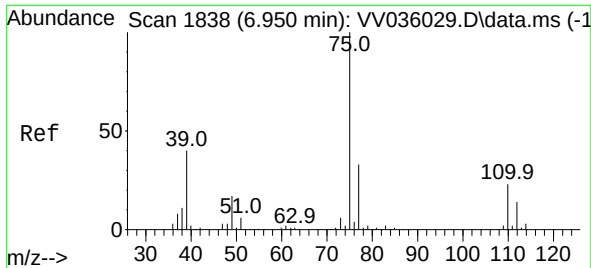
Ion Ratio Lower Upper

83 100

85 64.3 45.3 84.1

127 8.2 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 25.710 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

Instrument :

MSVOA_V

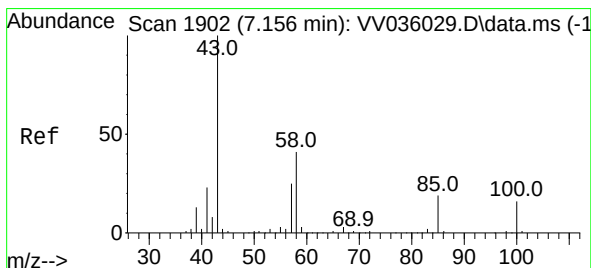
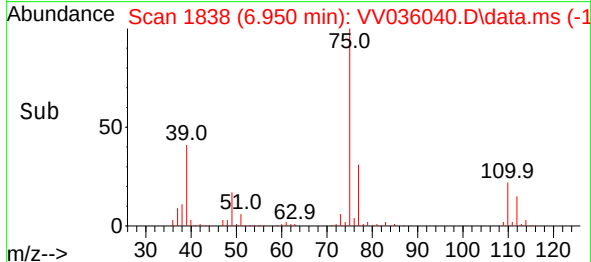
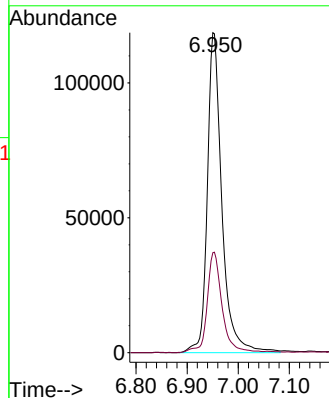
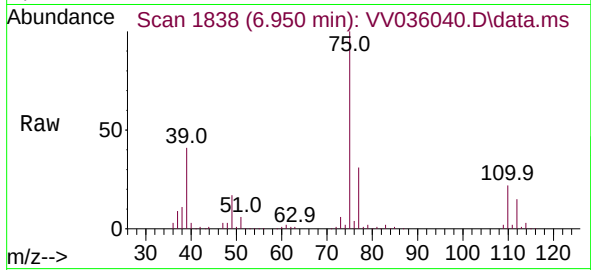
ClientSampleId :

Tgt Ion: 75 Resp: 235116

Ion Ratio Lower Upper

75 100

77 31.3 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 61.663 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.003 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

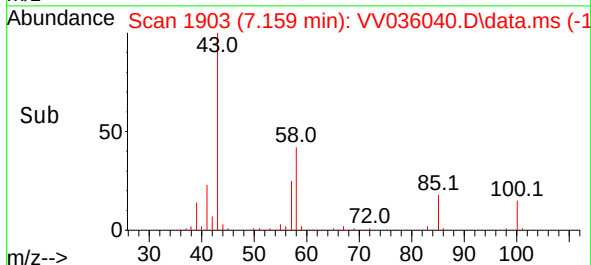
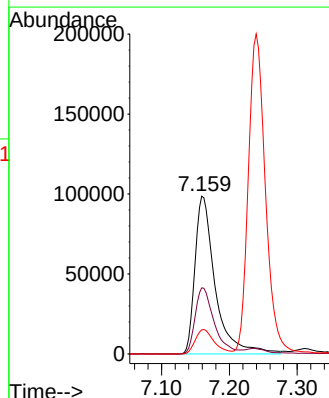
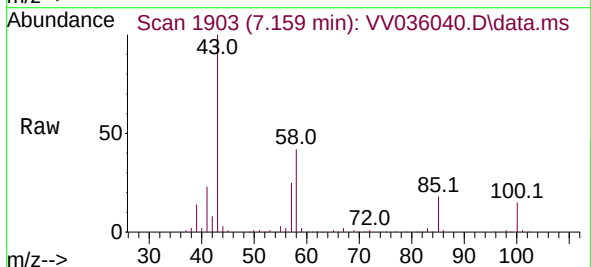
Tgt Ion: 43 Resp: 204839

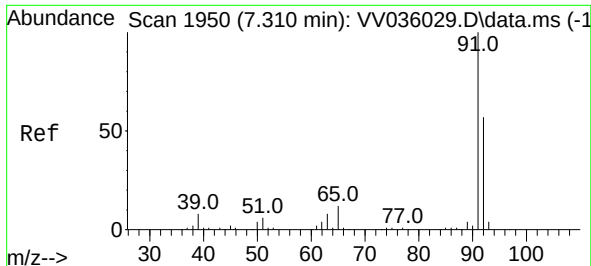
Ion Ratio Lower Upper

43 100

58 39.7 32.5 48.7

100 14.6 12.5 18.7





#42

Toluene

Concen: 25.467 ug/L

RT: 7.313 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

Instrument :

MSVOA_V

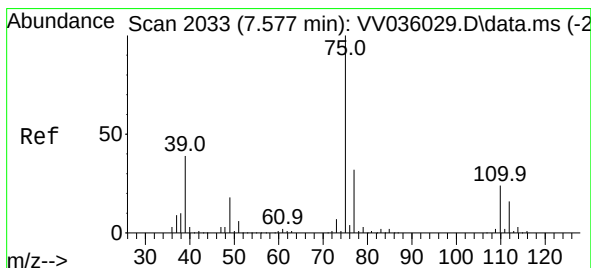
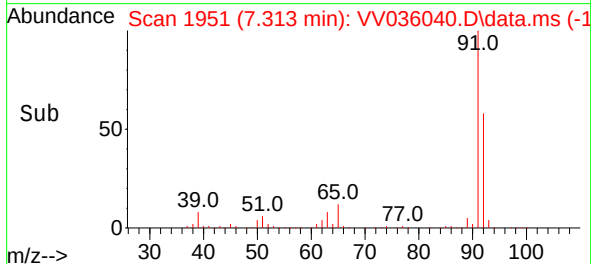
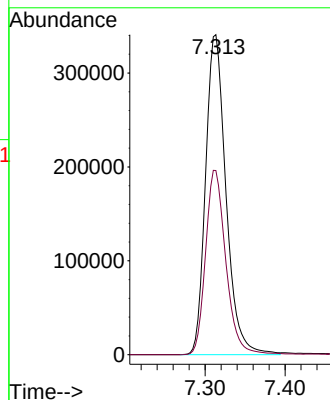
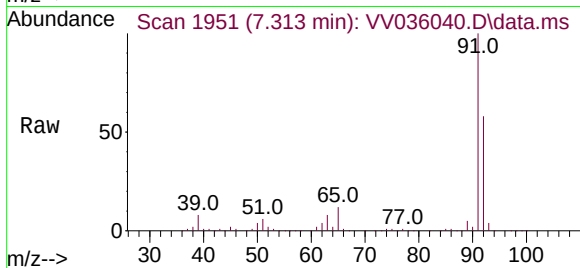
ClientSampleId :

Tgt Ion: 91 Resp: 605963

Ion Ratio Lower Upper

91 100

92 57.5 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 26.989 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV036040.D

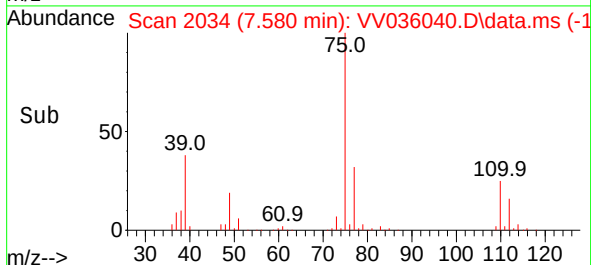
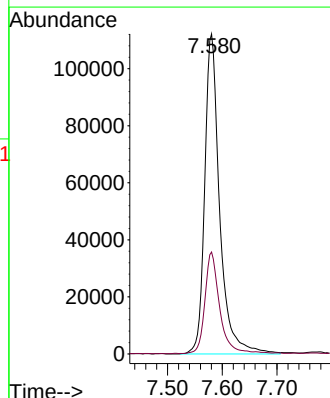
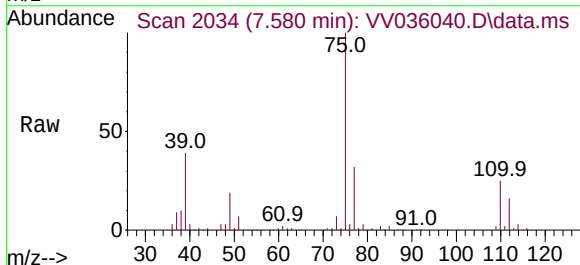
Acq: 11 Jun 2024 17:27

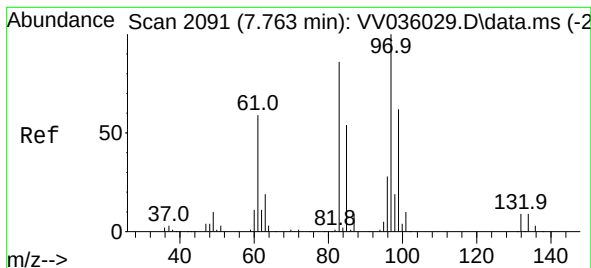
Tgt Ion: 75 Resp: 213190

Ion Ratio Lower Upper

75 100

77 31.8 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 26.382 ug/L

RT: 7.767 min Scan# 2091

Delta R.T. 0.003 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 133469

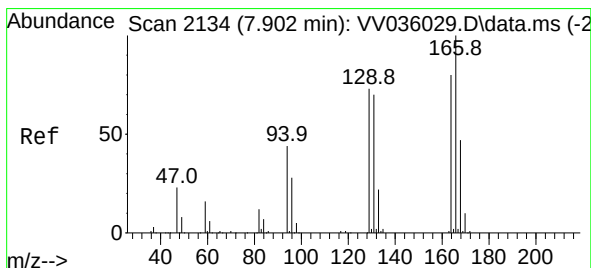
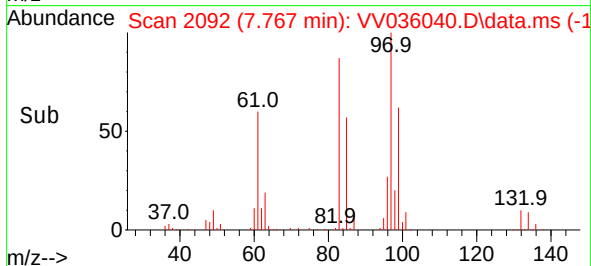
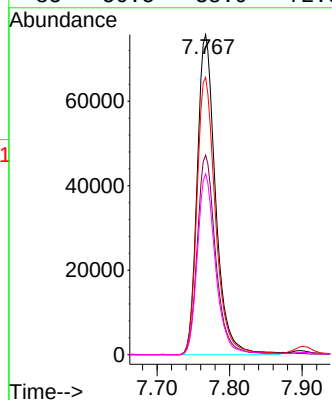
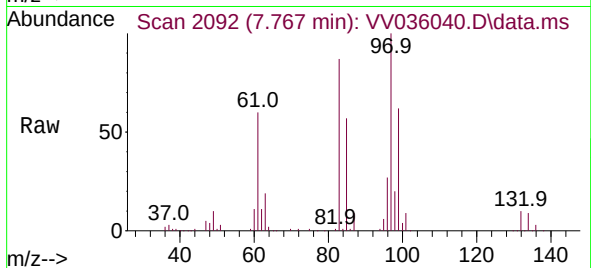
Ion Ratio Lower Upper

97 100

99 62.4 43.3 80.5

83 86.7 60.1 111.7

85 56.5 38.9 72.3



#46

Tetrachloroethene

Concen: 22.574 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.000 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

Tgt Ion:164 Resp: 117823

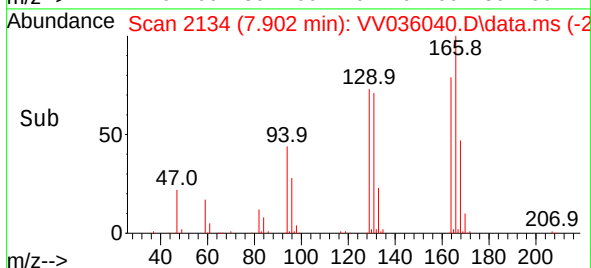
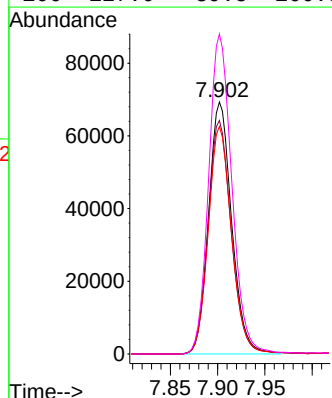
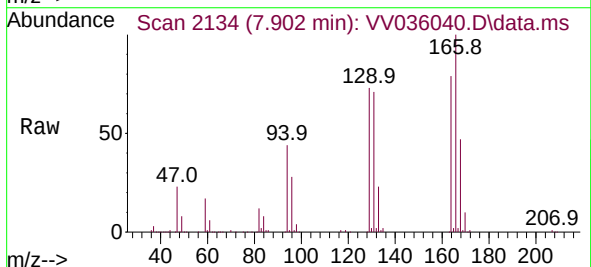
Ion Ratio Lower Upper

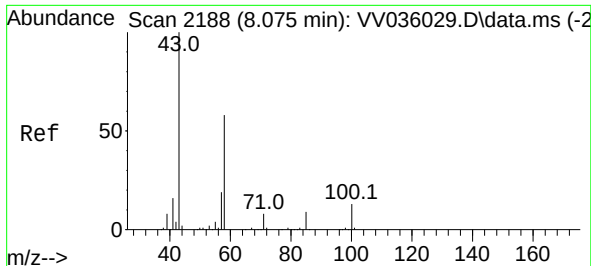
164 100

129 92.6 64.6 120.0

131 90.3 63.2 117.4

166 127.0 89.5 166.3

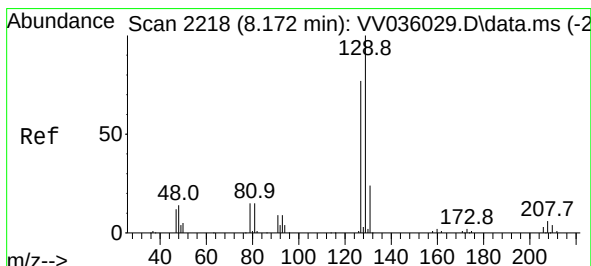
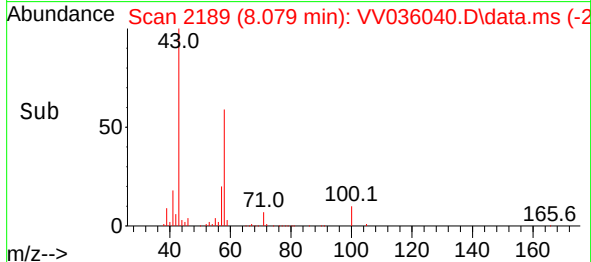
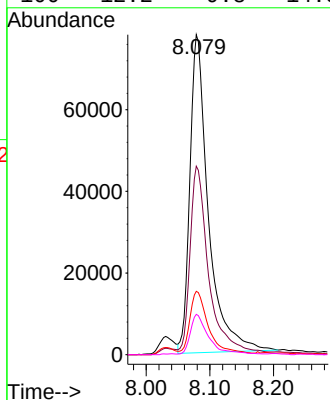
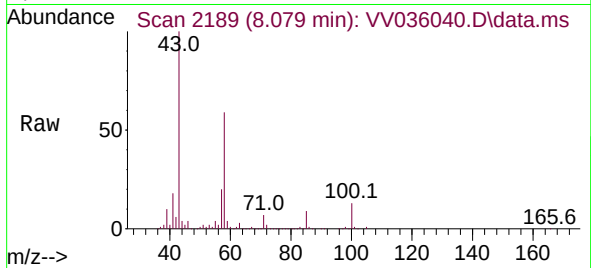




#48
2-Hexanone
Concen: 60.571 ug/L
RT: 8.079 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27

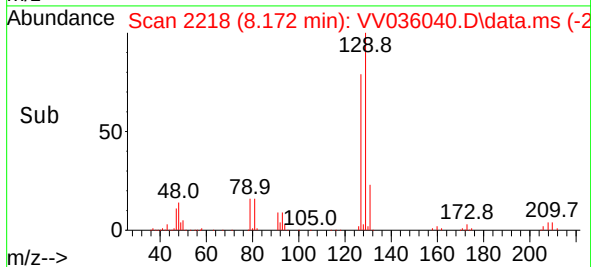
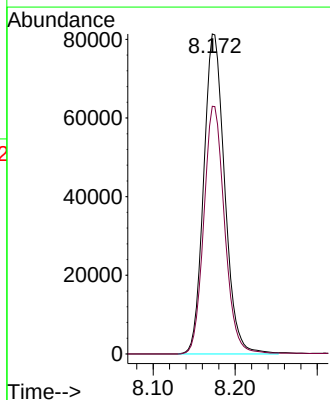
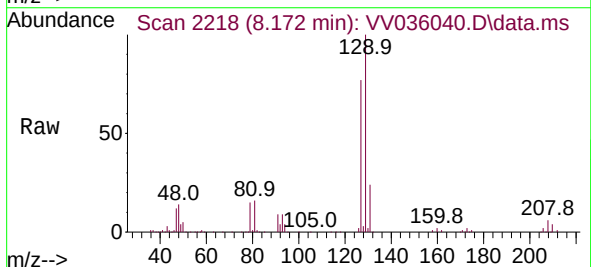
Instrument :
MSVOA_V
ClientSampleId :

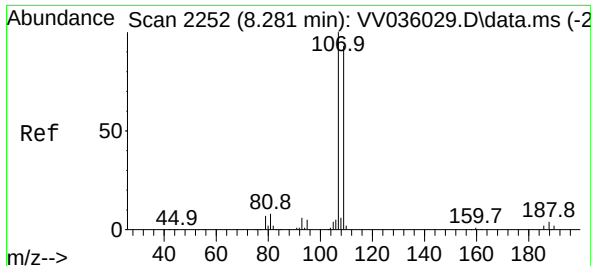
Tgt Ion: 43 Resp: 157304
Ion Ratio Lower Upper
43 100
58 58.4 45.4 68.0
57 20.3 15.8 23.8
100 12.2 9.8 14.8



#49
Dibromochloromethane
Concen: 26.106 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27

Tgt Ion:129 Resp: 144546
Ion Ratio Lower Upper
129 100
127 77.4 53.9 100.1

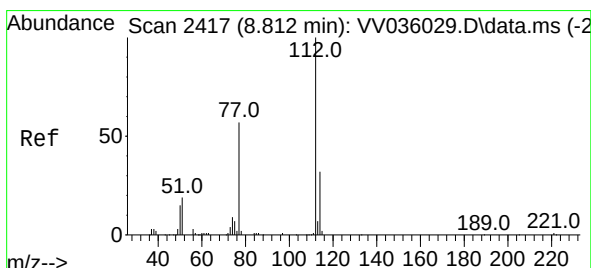
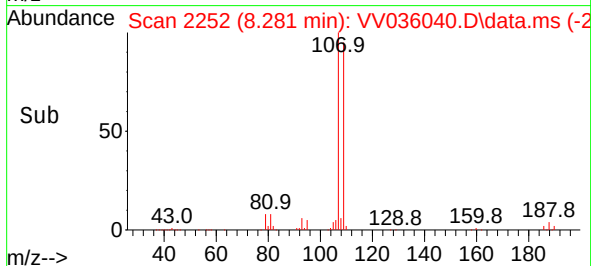
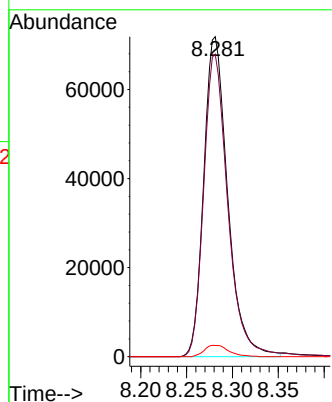
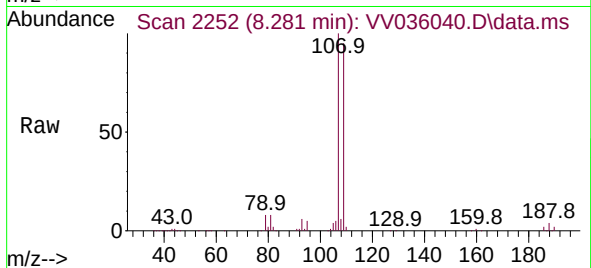




#50
1,2-Dibromoethane
Concen: 26.887 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27

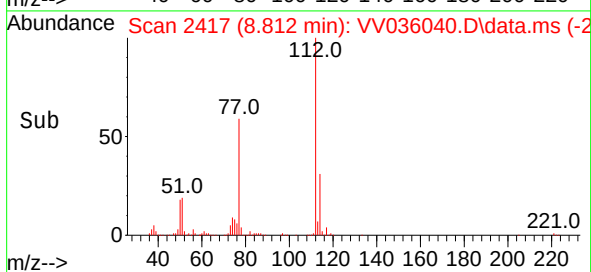
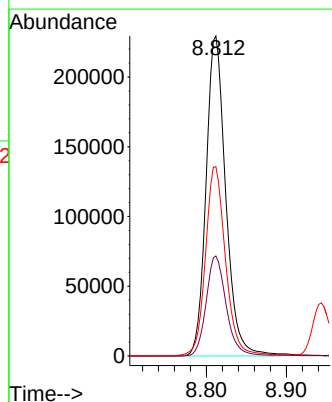
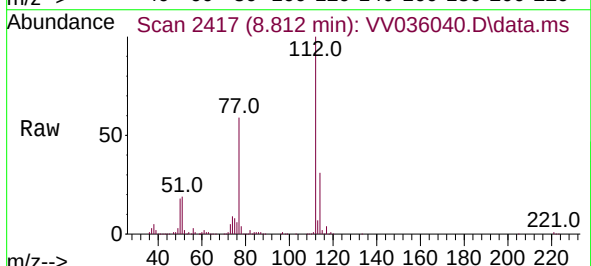
Instrument :
MSVOA_V
ClientSampleId :

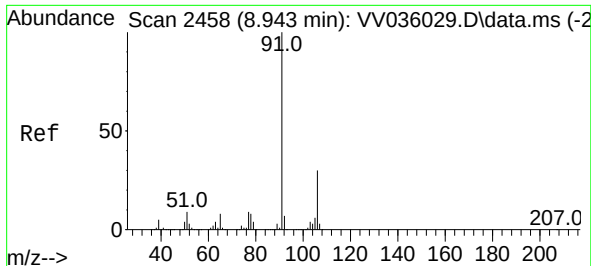
Tgt Ion:107 Resp: 130519
Ion Ratio Lower Upper
107 100
109 94.5 66.1 122.7
188 3.5 3.0 4.6



#51
Chlorobenzene
Concen: 24.234 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27

Tgt Ion:112 Resp: 392883
Ion Ratio Lower Upper
112 100
114 31.3 22.3 41.5
77 59.1 47.3 70.9





#52

Ethylbenzene

Concen: 24.827 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

Instrument :

MSVOA_V

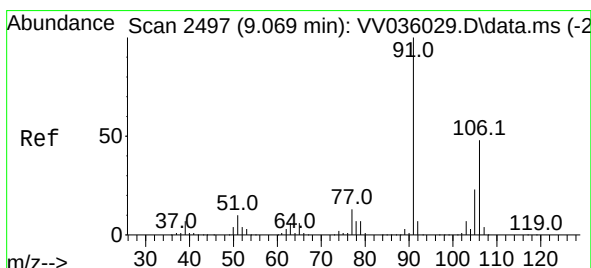
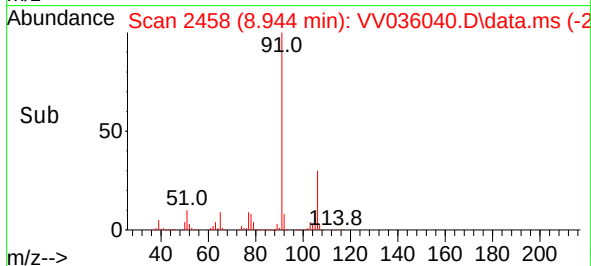
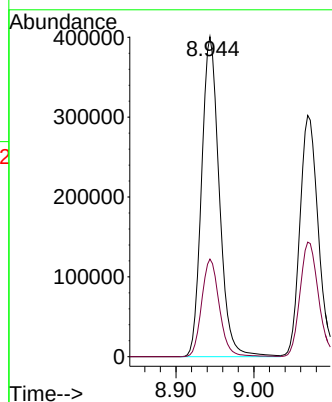
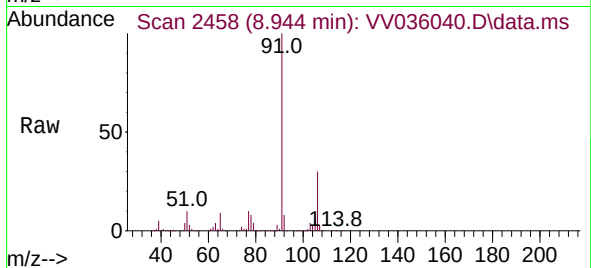
ClientSampleId :

Tgt Ion: 91 Resp: 632029

Ion Ratio Lower Upper

91 100

106 30.5 21.6 40.0



#53

m,p-Xylene

Concen: 25.061 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV036040.D

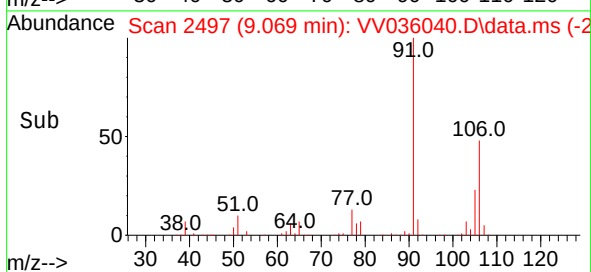
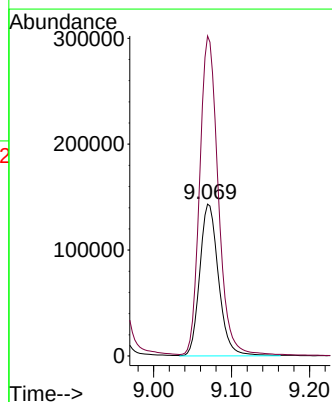
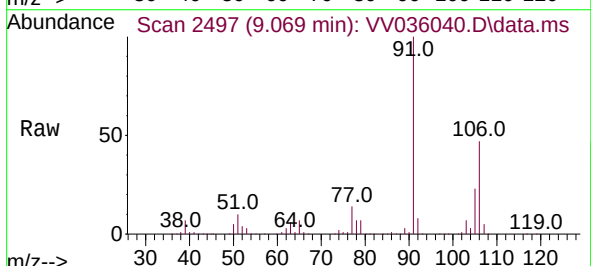
Acq: 11 Jun 2024 17:27

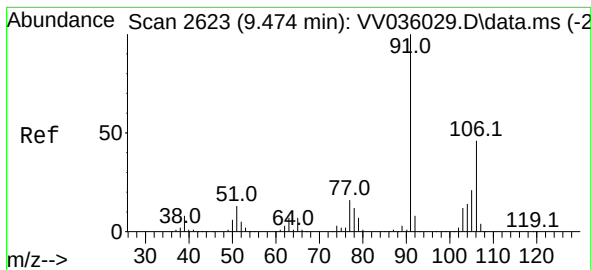
Tgt Ion: 106 Resp: 239720

Ion Ratio Lower Upper

106 100

91 210.7 143.1 265.9





#54

o-Xylene

Concen: 24.818 ug/L

RT: 9.474 min Scan# 2623

Delta R.T. 0.000 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

Instrument :

MSVOA_V

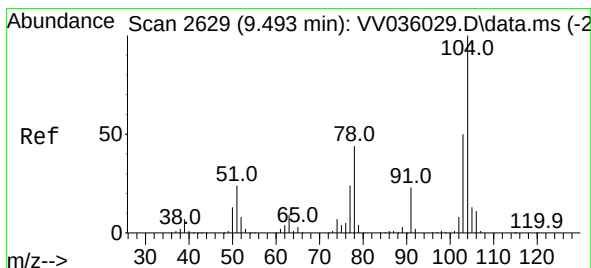
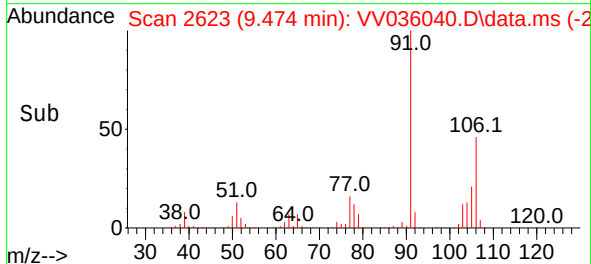
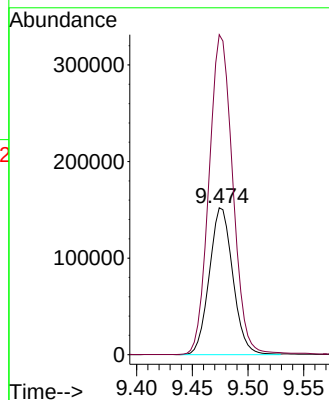
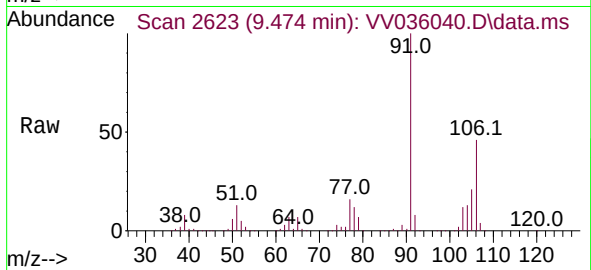
ClientSampleId :

Tgt Ion:106 Resp: 223872

Ion Ratio Lower Upper

106 100

91 217.8 154.5 286.9



#55

Styrene

Concen: 26.595 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.000 min

Lab File: VV036040.D

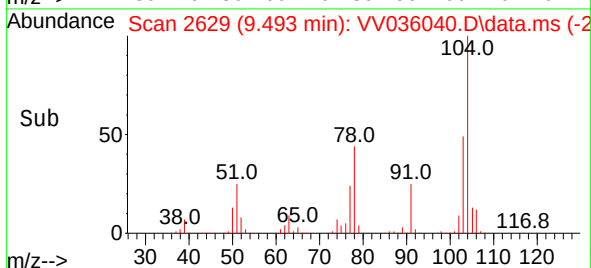
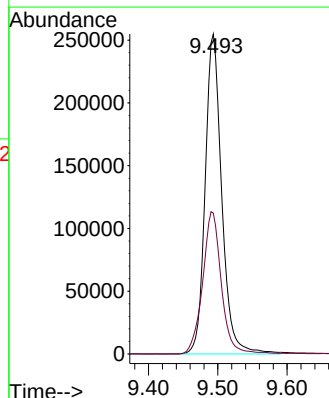
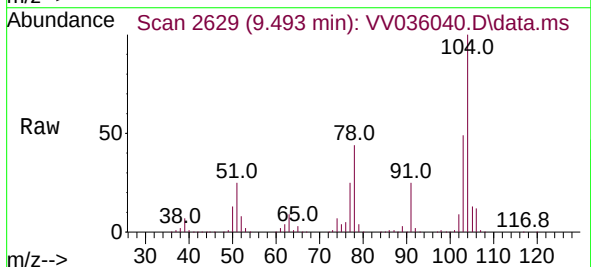
Acq: 11 Jun 2024 17:27

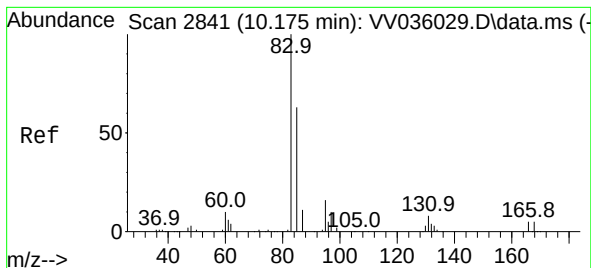
Tgt Ion:104 Resp: 423046

Ion Ratio Lower Upper

104 100

78 44.0 31.4 58.2

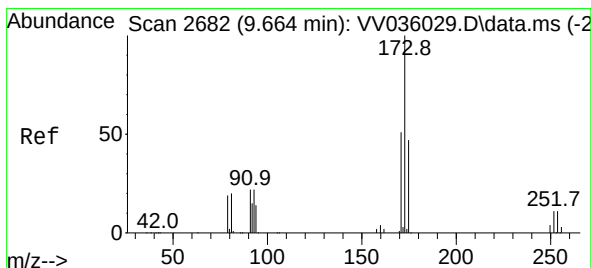
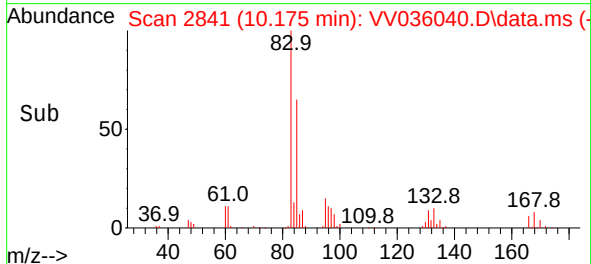
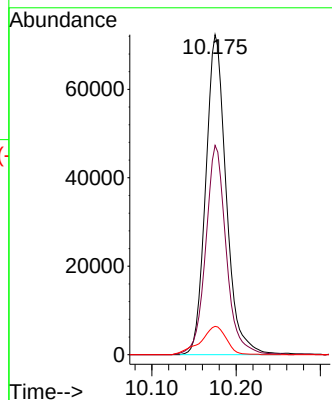
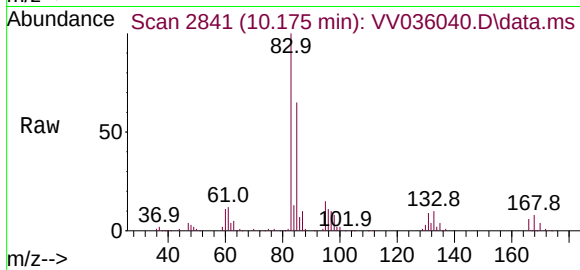




#57
1,1,2,2-Tetrachloroethane
Concen: 27.031 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27

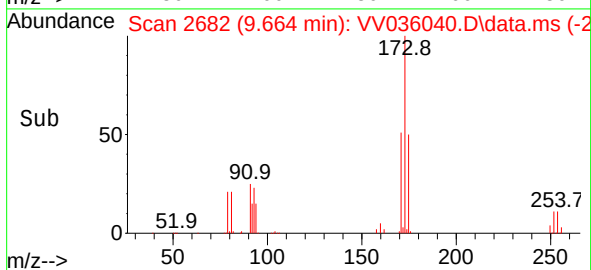
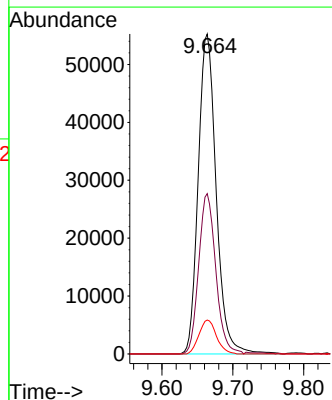
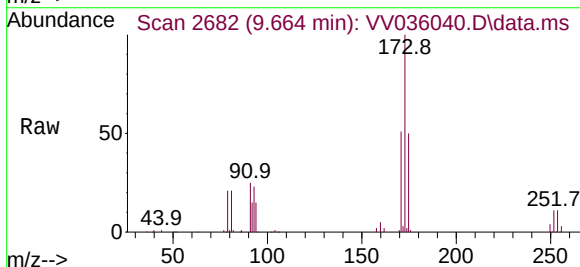
Instrument :
MSVOA_V
ClientSampleId :

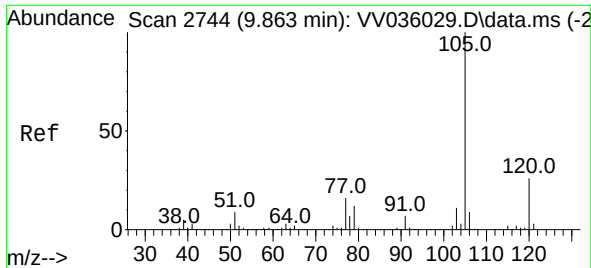
Tgt Ion: 83 Resp: 122448
Ion Ratio Lower Upper
83 100
85 65.4 45.1 83.7
131 8.9 7.6 11.4



#59
Bromoform
Concen: 26.755 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27

Tgt Ion: 173 Resp: 97340
Ion Ratio Lower Upper
173 100
175 47.6 39.0 58.6
254 10.3 8.6 13.0

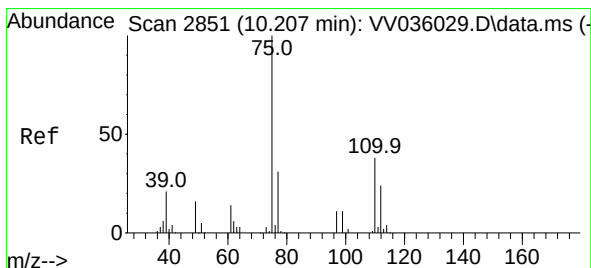
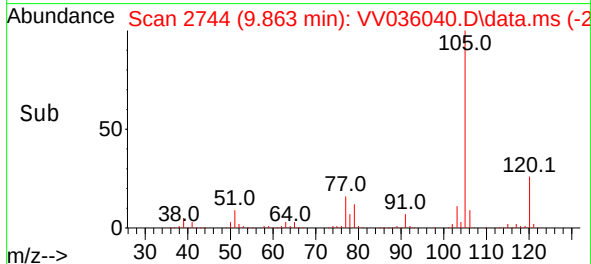
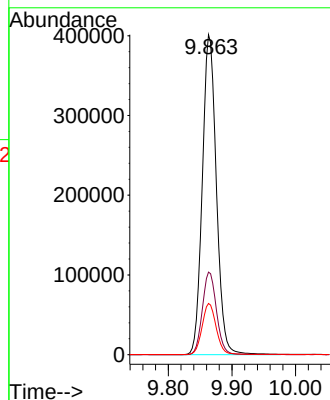
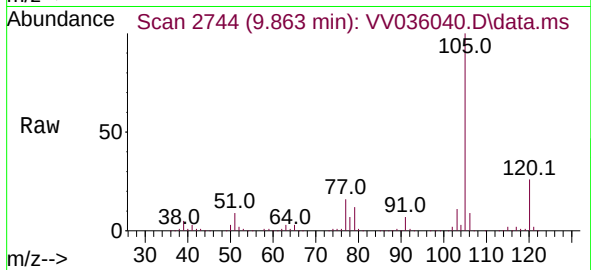




#60
Isopropylbenzene
Concen: 24.891 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27

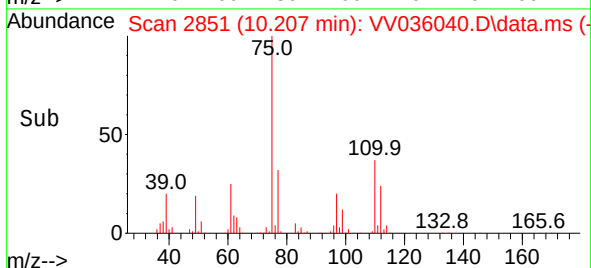
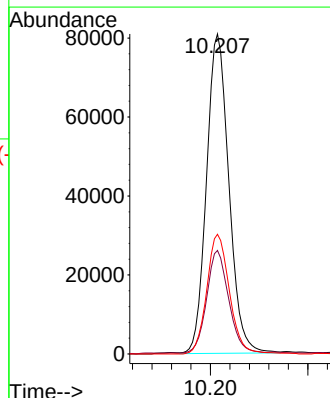
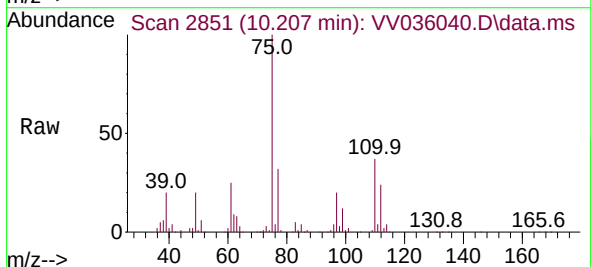
Instrument :
MSVOA_V
ClientSampleId :

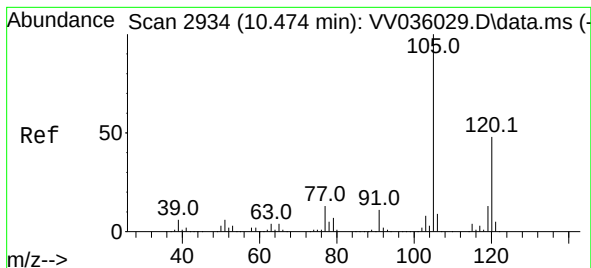
Tgt Ion:105 Resp: 616070
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 15.9 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 28.260 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27

Tgt Ion: 75 Resp: 128944
Ion Ratio Lower Upper
75 100
77 31.5 26.0 39.0
110 37.8 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 24.235 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

Instrument :

MSVOA_V

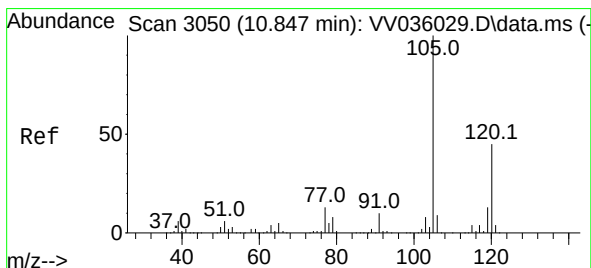
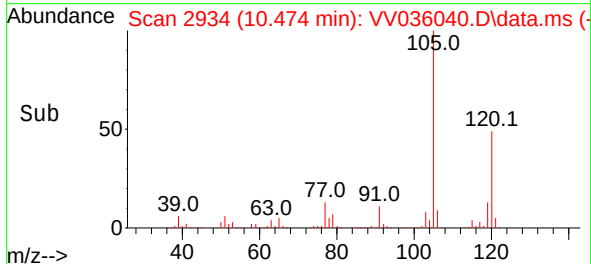
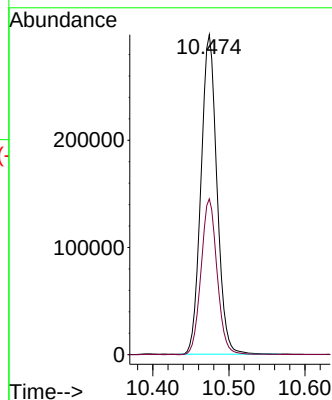
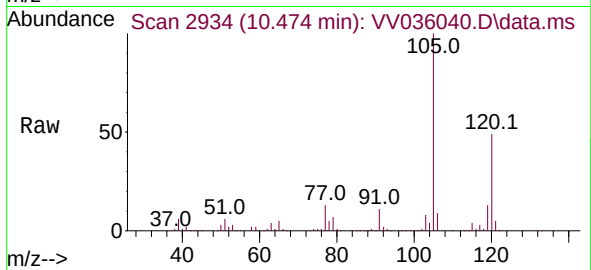
ClientSampleId :

Tgt Ion:105 Resp: 434958

Ion Ratio Lower Upper

105 100

120 49.0 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 25.007 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV036040.D

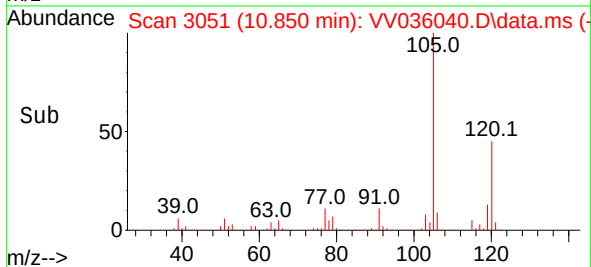
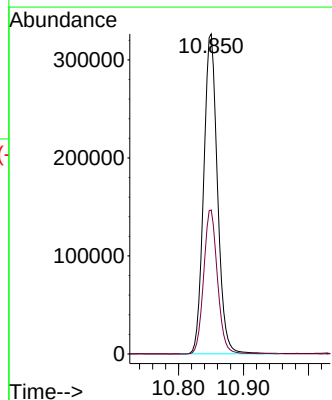
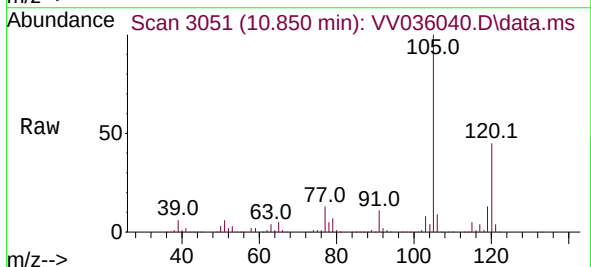
Acq: 11 Jun 2024 17:27

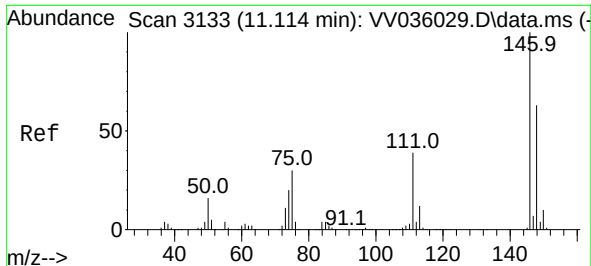
Tgt Ion:105 Resp: 483571

Ion Ratio Lower Upper

105 100

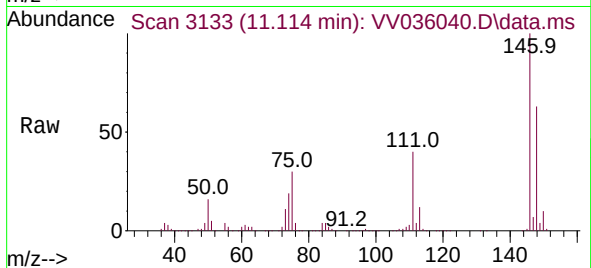
120 45.1 36.2 54.4



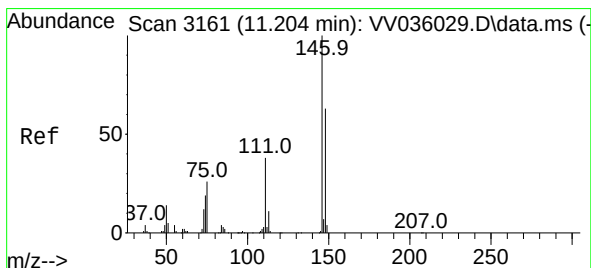
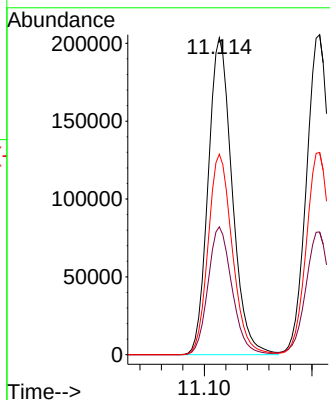
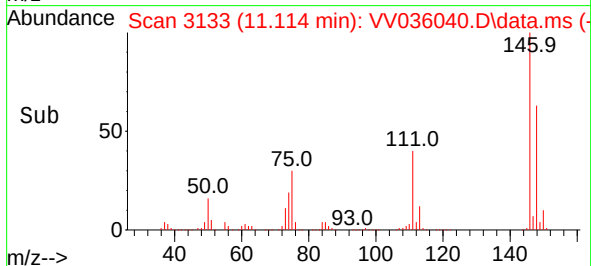


#64
1,3-Dichlorobenzene
Concen: 24.320 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27

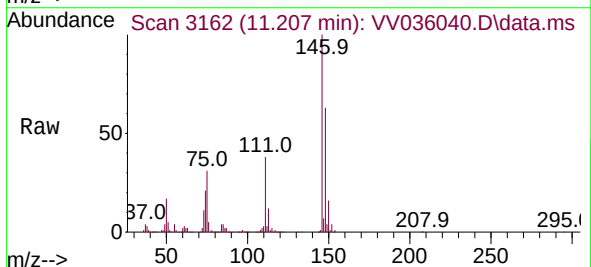
Instrument :
MSVOA_V
ClientSampleId :



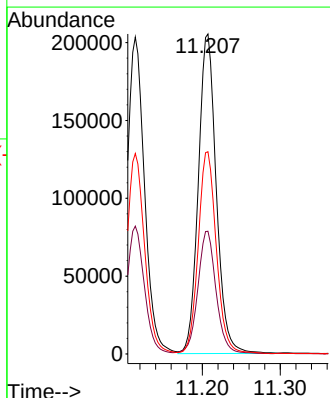
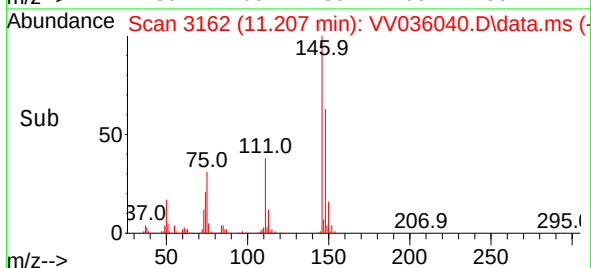
Tgt Ion:146 Resp: 316115
Ion Ratio Lower Upper
146 100
111 40.3 28.1 52.1
148 63.3 44.7 83.1

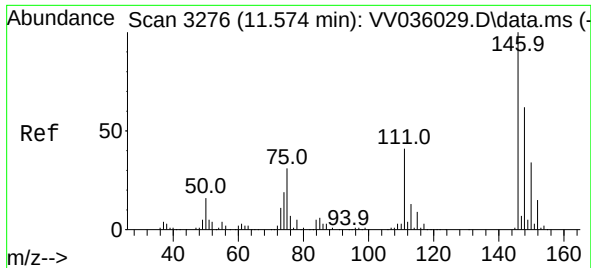


#65
1,4-Dichlorobenzene
Concen: 24.495 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27



Tgt Ion:146 Resp: 328630
Ion Ratio Lower Upper
146 100
111 38.4 26.9 50.1
148 63.2 44.5 82.7

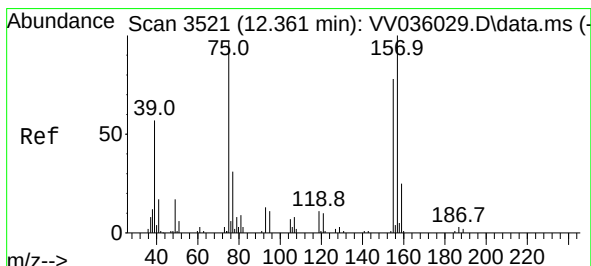
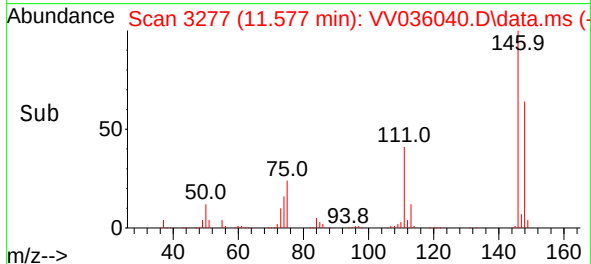
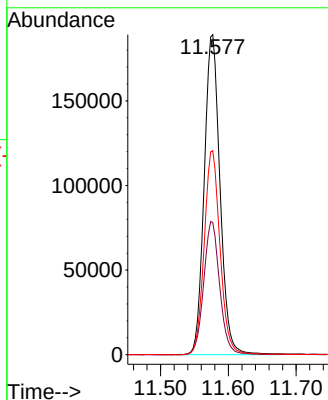
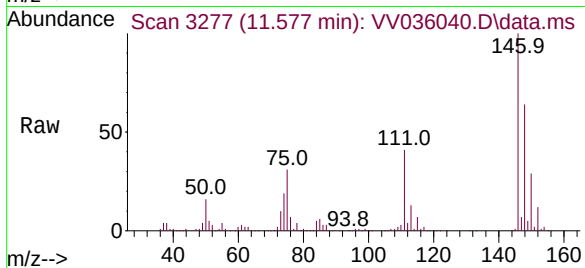




#67
1,2-Dichlorobenzene
Concen: 25.090 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27

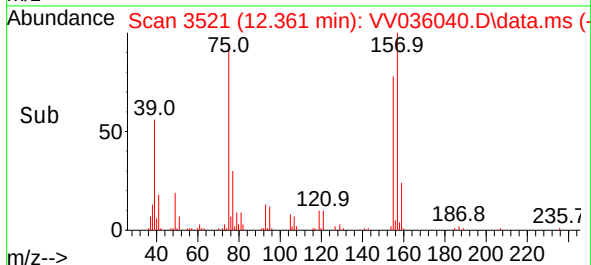
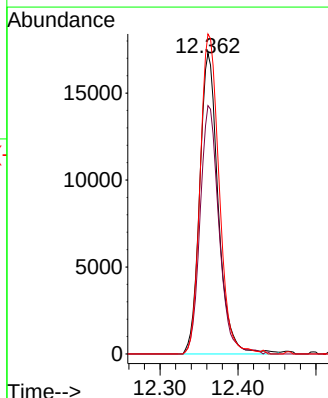
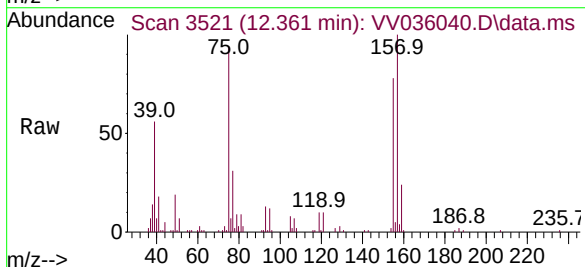
Instrument :
MSVOA_V
ClientSampleId :

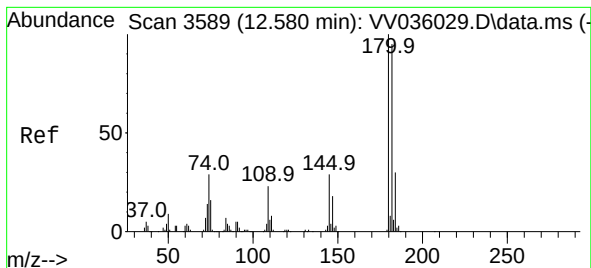
Tgt Ion:146 Resp: 306892
Ion Ratio Lower Upper
146 100
111 41.3 33.5 50.3
148 63.8 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 28.094 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV036040.D
Acq: 11 Jun 2024 17:27

Tgt Ion: 75 Resp: 28664
Ion Ratio Lower Upper
75 100
155 82.6 63.3 94.9
157 106.4 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 23.525 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

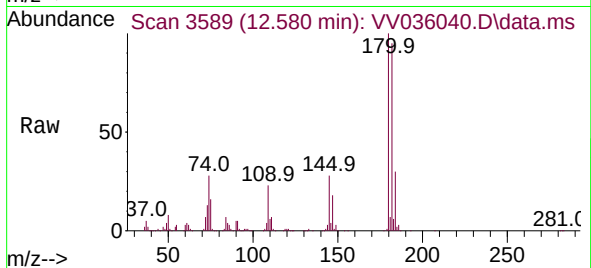
Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 228731

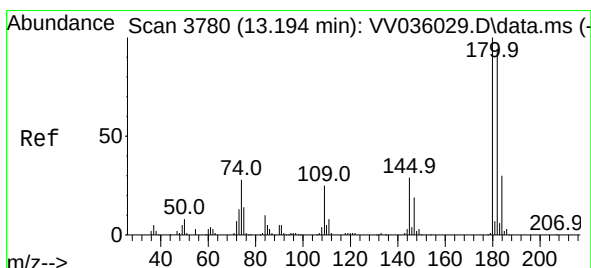
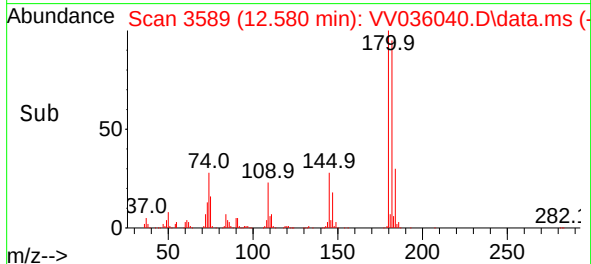
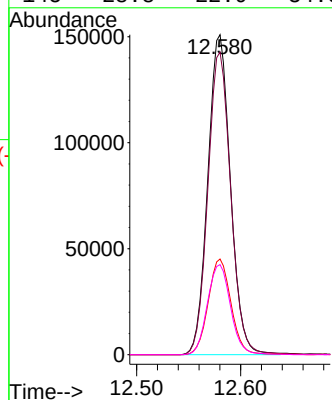
Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.4

184 30.0 24.2 36.2

145 28.8 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 24.614 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

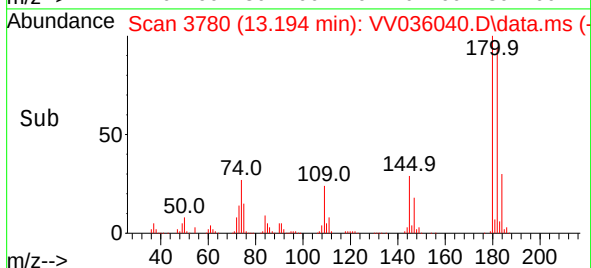
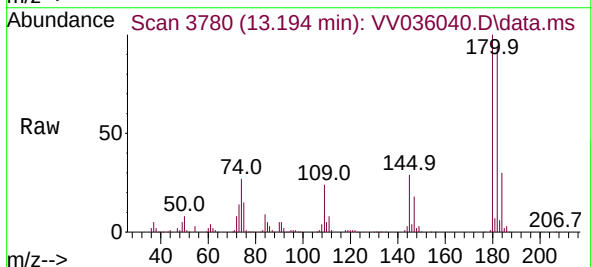
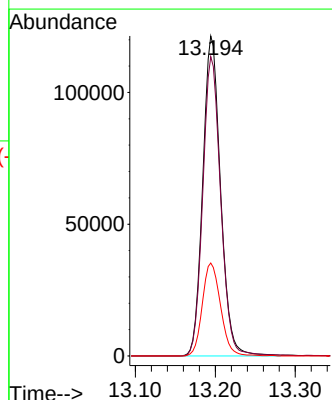
Tgt Ion:180 Resp: 188435

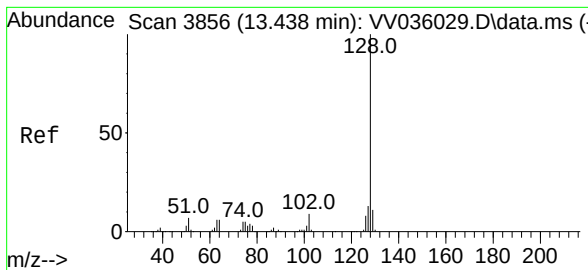
Ion Ratio Lower Upper

180 100

182 93.8 76.1 114.1

145 29.8 23.5 35.3





#71

Naphthalene

Concen: 27.960 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.003 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

Instrument :

MSVOA_V

ClientSampleId :

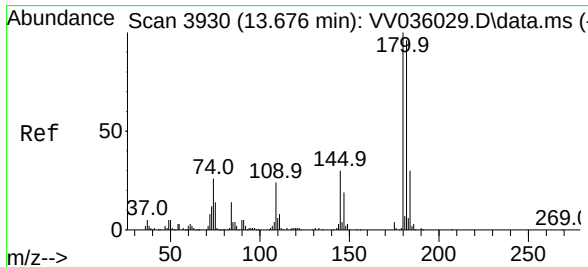
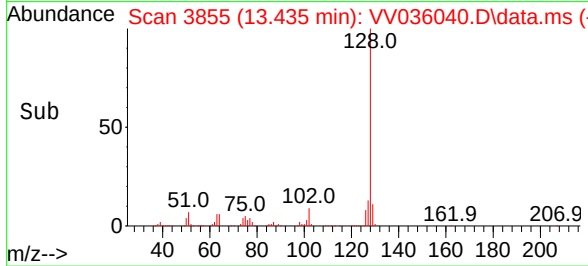
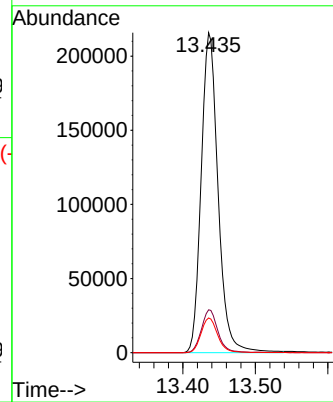
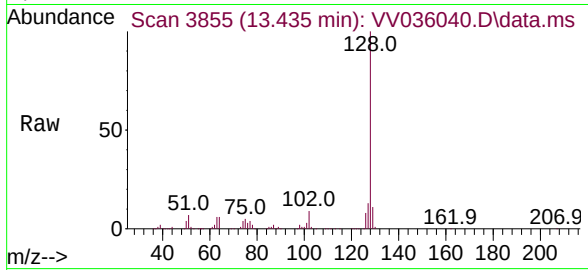
Tgt Ion:128 Resp: 349314

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.7 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 26.663 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV036040.D

Acq: 11 Jun 2024 17:27

Tgt Ion:180 Resp: 186264

Ion Ratio Lower Upper

180 100

182 95.2 75.1 112.7

145 31.6 25.2 37.8

