

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082124\
 Data File : VV036988.D
 Acq On : 21 Aug 2024 11:14
 Operator : SY/MD
 Sample : VSTD02553
 Misc : 5.00mL/10mL/MSVOA_V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 22 01:02:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 00:59:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	636694	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	610168	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	294648	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	255494	24.685	ug/L	0.00
7) Chloroethane-d5	1.532	69	209366	24.761	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	113081	24.768	ug/L	0.00
21) 2-Butanone-d5	3.831	46	16479	10.590	ug/L	-0.01
24) Chloroform-d	4.246	84	477667	25.270	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	219598	25.458	ug/L	0.00
32) Benzene-d6	4.953	84	962917	24.999	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	286598	25.106	ug/L	0.00
41) Toluene-d8	7.240	98	875075	25.039	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	102903	25.441	ug/L	0.00
47) 2-Hexanone-d5	8.034	63	53269	54.419	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	156465	24.625	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.555	152	272224	24.832	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	233774	24.209	ug/L	100
3) Chloromethane	1.221	50	309913	26.535	ug/L	100
5) Vinyl chloride	1.285	62	294149	26.107	ug/L	100
6) Bromomethane	1.491	94	194548	26.640	ug/L	100
8) Chloroethane	1.552	64	190881	26.621	ug/L	100
9) Trichlorofluoromethane	1.716	101	379488	26.363	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	228149	25.687	ug/L	100
12) 1,1-Dichloroethene	2.069	96	224492	26.328	ug/L	100
13) Acetone	2.153	43	102331	36.824	ug/L	94
14) Carbon disulfide	2.240	76	750833	26.159	ug/L	100
15) Methyl Acetate	2.388	43	86128	27.537	ug/L	100
16) Methylene chloride	2.446	84	290822	20.806	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	254379	26.635	ug/L	100
18) Methyl tert-butyl Ether	2.709	73	541506	27.600	ug/L	100
19) 1,1-Dichloroethane	3.108	63	496477	27.298	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	282073	27.362	ug/L	100
22) 2-Butanone	3.921	43	107360	52.450	ug/L	# 100
23) Bromochloromethane	4.146	128	112846	27.780	ug/L	100
25) Chloroform	4.272	83	497101	27.304	ug/L	100
27) 1,2-Dichloroethane	5.040	62	285779	28.728	ug/L	100
29) Cyclohexane	4.574	56	394983	25.899	ug/L	100
30) 1,1,1-Trichloroethane	4.507	97	399440	26.456	ug/L	100
31) Carbon tetrachloride	4.728	117	332451	26.535	ug/L	100
33) Benzene	5.005	78	1069057	27.256	ug/L	100
34) Trichloroethene	5.828	95	295487	26.531	ug/L	100
35) Methylcyclohexane	6.043	83	432679	26.206	ug/L	100
37) 1,2-Dichloropropane	6.088	63	269019	27.752	ug/L	# 98
38) Bromodichloromethane	6.429	83	325345	26.876	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	405205	27.929	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	226475	56.537	ug/L	100
42) Toluene	7.310	91	1129392	27.213	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	307864	27.985	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082124\
 Data File : VV036988.D
 Acq On : 21 Aug 2024 11:14
 Operator : SY/MD
 Sample : VSTD02553
 Misc : 5.00mL/10mL/MSVOA_V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

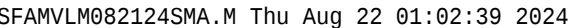
Instrument :
 MSVOA_V
 ClientSampleId :

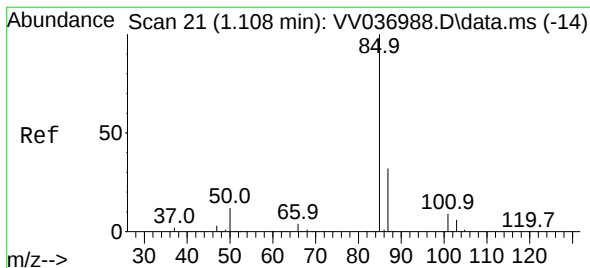
Quant Time: Aug 22 01:02:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 00:59:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	171774	27.369	ug/L	100
46) Tetrachloroethene	7.899	164	201504	25.908	ug/L	100
48) 2-Hexanone	8.079	43	182821	60.552	ug/L	98
49) Dibromochloromethane	8.172	129	191389	27.432	ug/L	100
50) 1,2-Dibromoethane	8.278	107	157865	27.225	ug/L	100
51) Chlorobenzene	8.809	112	705720	26.633	ug/L	100
52) Ethylbenzene	8.940	91	1270979	27.111	ug/L	100
53) m,p-Xylene	9.069	106	474530	27.369	ug/L	100
54) o-Xylene	9.471	106	454419	27.213	ug/L	100
55) Styrene	9.490	104	774117	27.768	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	159966	26.703	ug/L	100
59) Bromoform	9.661	173	92476	26.803	ug/L	100
60) Isopropylbenzene	9.860	105	1233593	27.230	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	128396	27.172	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	1017284	27.092	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	1022900	27.495	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	538499	26.684	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	530818	26.451	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	467393	26.909	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	25493	26.490	ug/L	100
69) 1,3,5-Trichlorobenzene	12.577	180	374864	26.727	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	300182	26.770	ug/L	100
71) Naphthalene	13.432	128	448860	25.499	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	248855	26.440	ug/L	100

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

Quant Time: Aug 22 01:02:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 00:59:57 2024
Response via : Initial Calibration

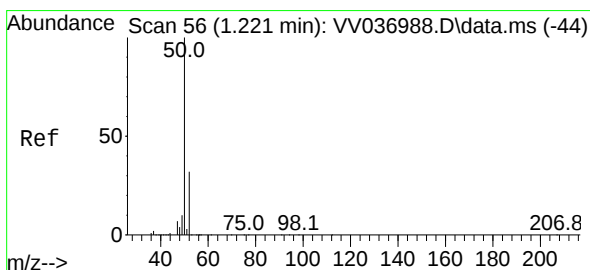
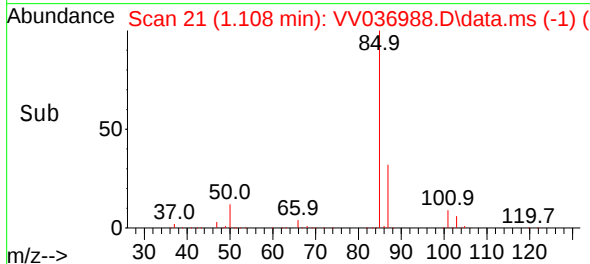
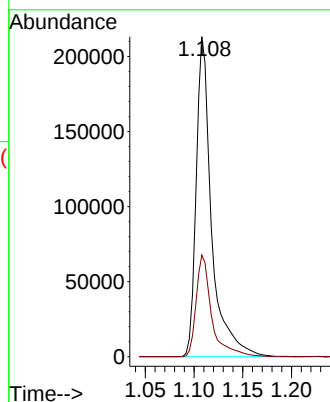
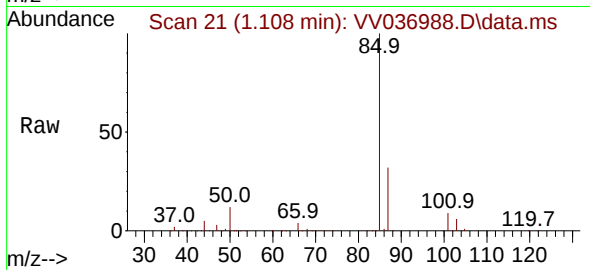




#2
 Dichlorodifluoromethane
 Concen: 24.209 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV036988.D
 Acq: 21 Aug 2024 11:14

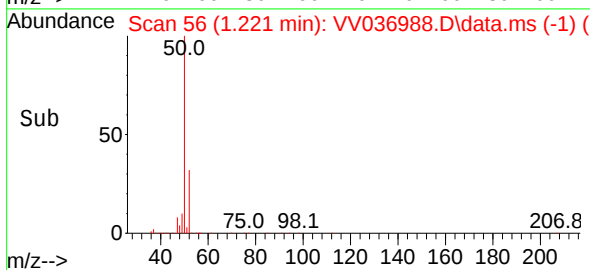
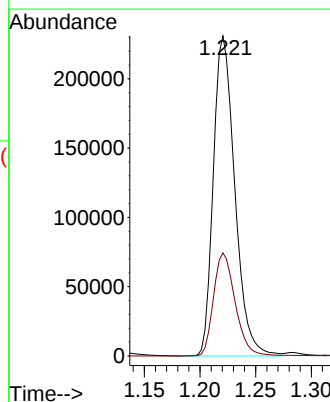
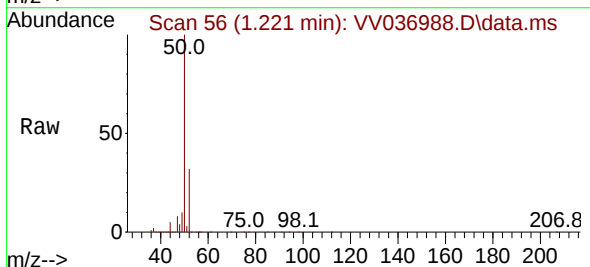
Instrument :
 MSVOA_V
 ClientSampleId :

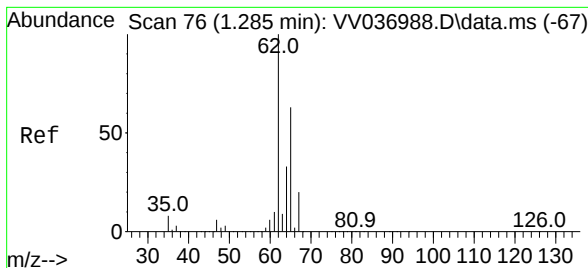
Tgt Ion: 85 Resp: 233774
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.7 38.5



#3
 Chloromethane
 Concen: 26.535 ug/L
 RT: 1.221 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VV036988.D
 Acq: 21 Aug 2024 11:14

Tgt Ion: 50 Resp: 309913
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.5 41.9





#5

Vinyl chloride

Concen: 26.107 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

Instrument :

MSVOA_V

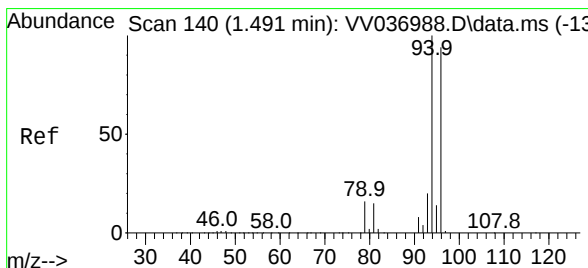
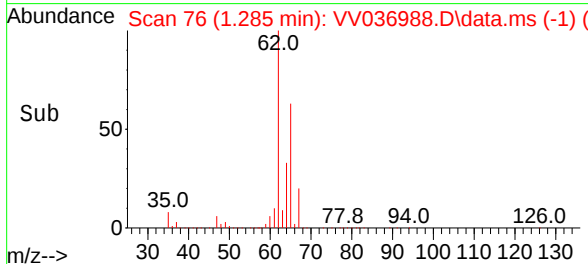
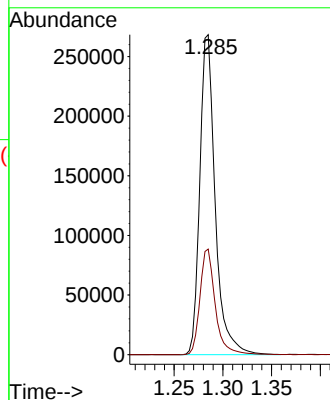
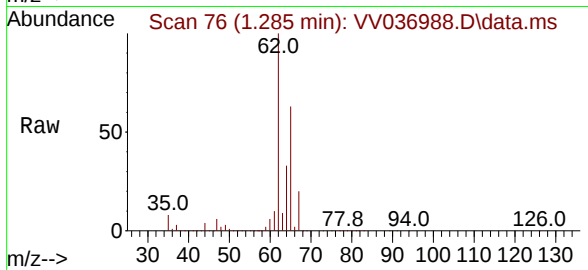
ClientSampleId :

Tgt Ion: 62 Resp: 294149

Ion Ratio Lower Upper

62 100

64 33.0 23.1 42.9



#6

Bromomethane

Concen: 26.640 ug/L

RT: 1.491 min Scan# 140

Delta R.T. 0.000 min

Lab File: VV036988.D

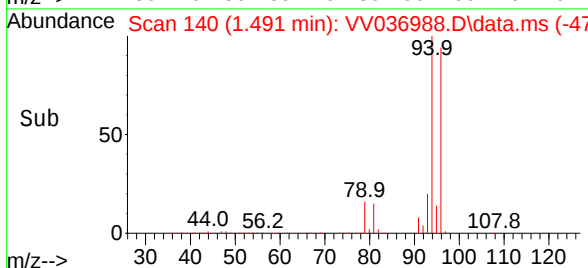
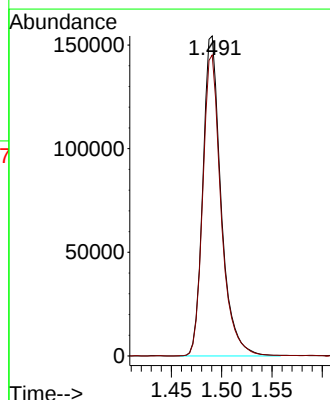
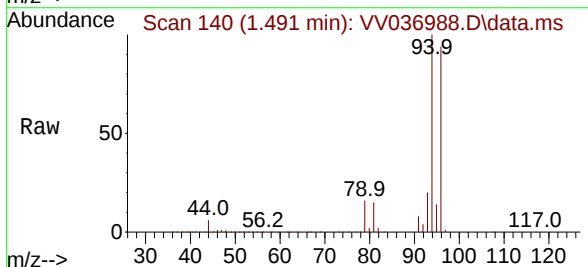
Acq: 21 Aug 2024 11:14

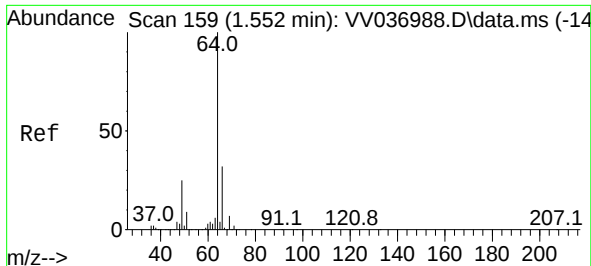
Tgt Ion: 94 Resp: 194548

Ion Ratio Lower Upper

94 100

96 94.1 65.9 122.3

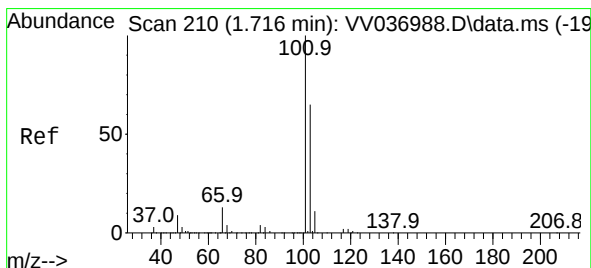
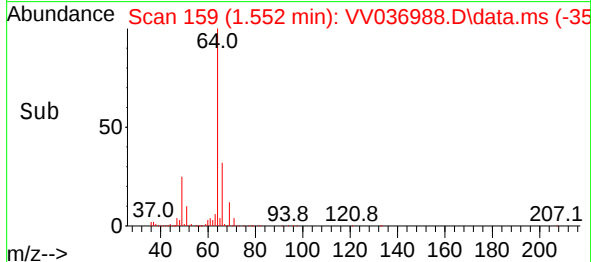
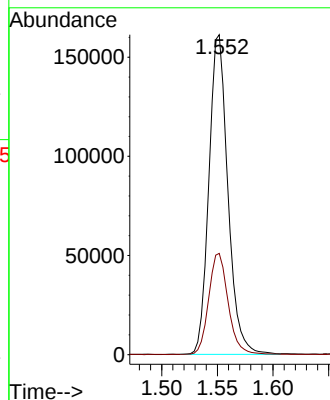
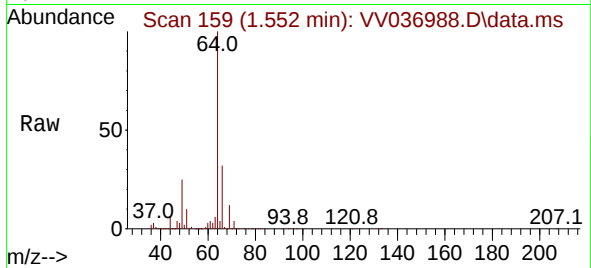




#8
Chloroethane
Concen: 26.621 ug/L
RT: 1.552 min Scan# 159
Delta R.T. 0.000 min
Lab File: VV036988.D
Acq: 21 Aug 2024 11:14

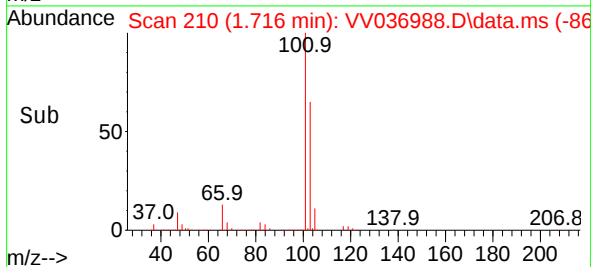
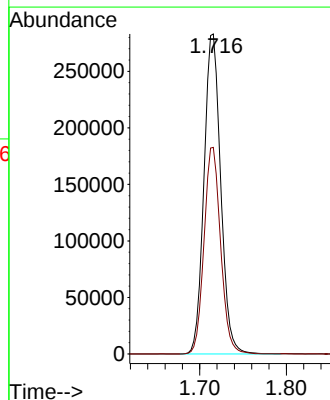
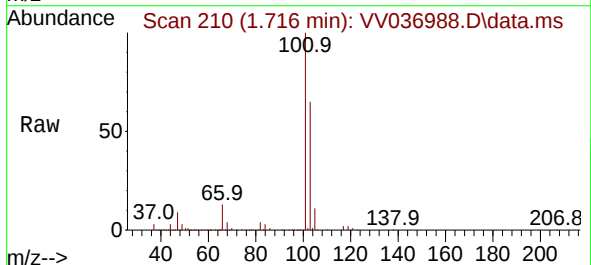
Instrument :
MSVOA_V
ClientSampleId :

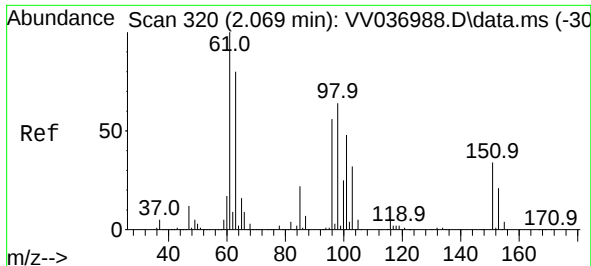
Tgt Ion: 64 Resp: 190881
Ion Ratio Lower Upper
64 100
66 31.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 26.363 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV036988.D
Acq: 21 Aug 2024 11:14

Tgt Ion:101 Resp: 379488
Ion Ratio Lower Upper
101 100
103 63.9 51.1 76.7





#10

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

Concen: 25.687 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

Instrument :

MSVOA_V

ClientSampleId :

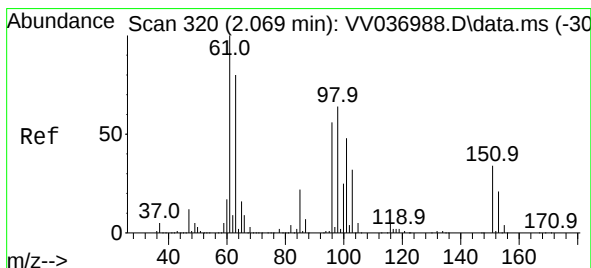
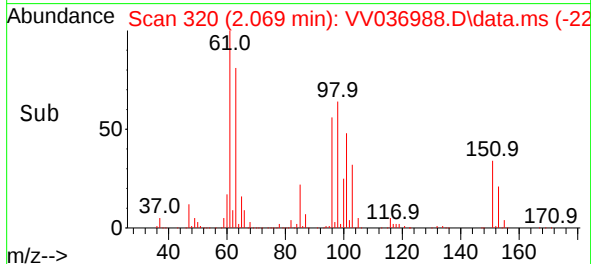
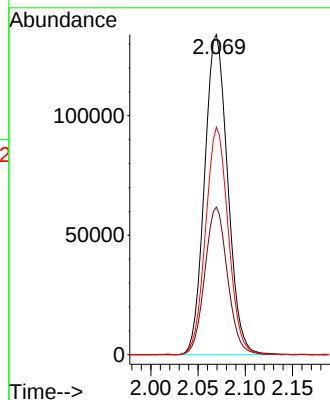
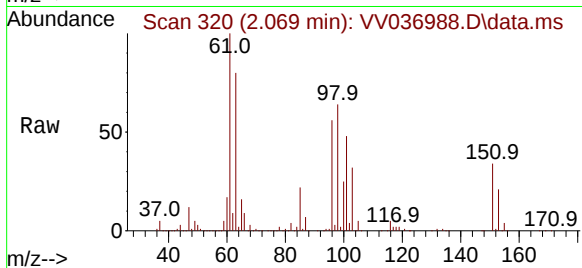
Tgt Ion:101 Resp: 228149

Ion Ratio Lower Upper

101 100

85 45.2 36.2 54.2

151 70.0 56.0 84.0



#12

1,1-Dichloroethene

Concen: 26.328 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

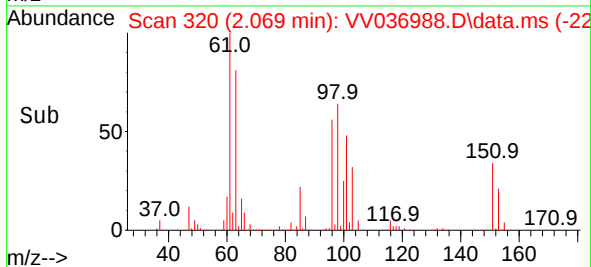
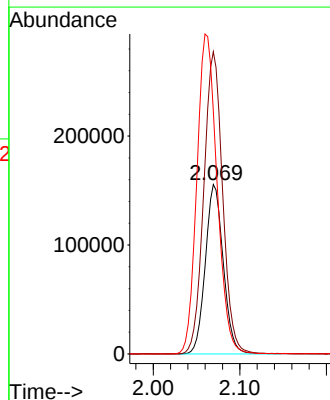
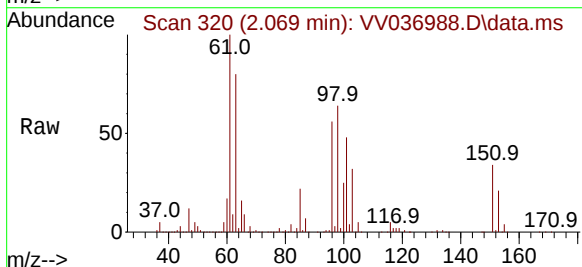
Tgt Ion: 96 Resp: 224492

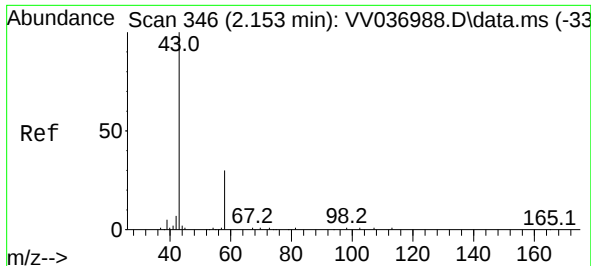
Ion Ratio Lower Upper

96 100

61 178.4 124.9 231.9

63 143.6 100.5 186.7





#13

Acetone

Concen: 36.824 ug/L

RT: 2.153 min Scan# 346

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

Instrument :

MSVOA_V

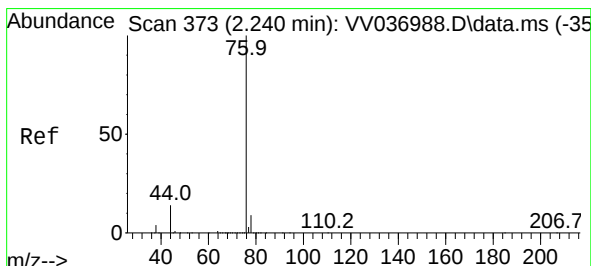
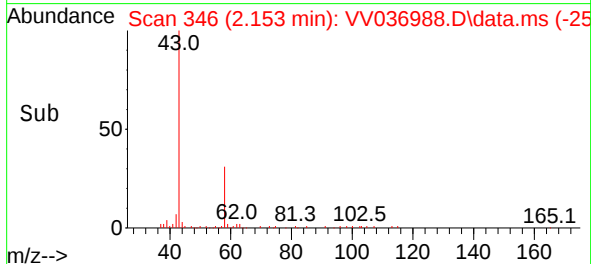
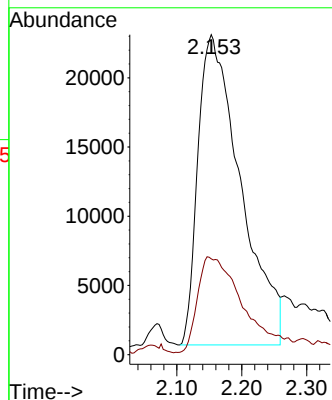
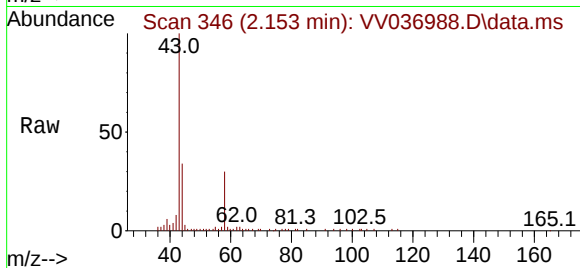
ClientSampleId :

Tgt Ion: 43 Resp: 102331

Ion Ratio Lower Upper

43 100

58 11.5 0.0 18.8



#14

Carbon disulfide

Concen: 26.159 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV036988.D

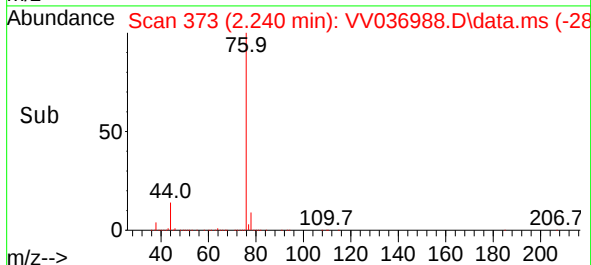
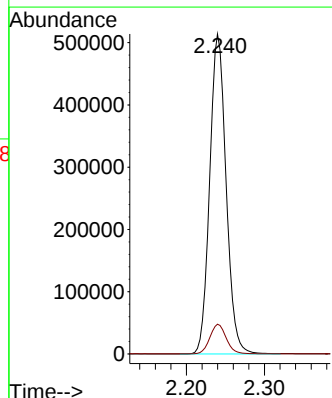
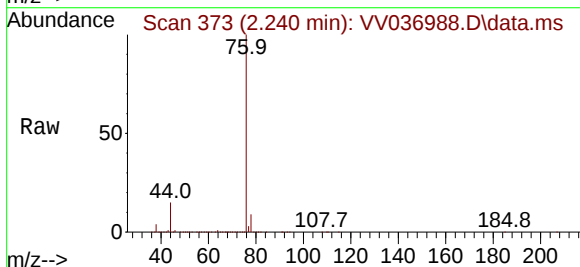
Acq: 21 Aug 2024 11:14

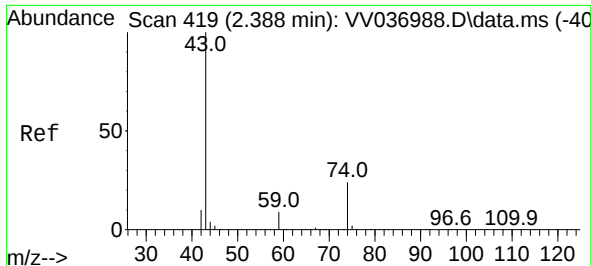
Tgt Ion: 76 Resp: 750833

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2





#15

Methyl Acetate

Concen: 27.537 ug/L

RT: 2.388 min Scan# 419

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

Instrument :

MSVOA_V

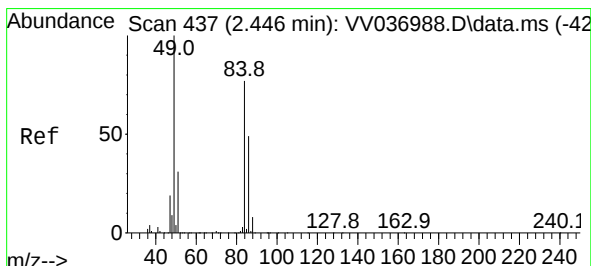
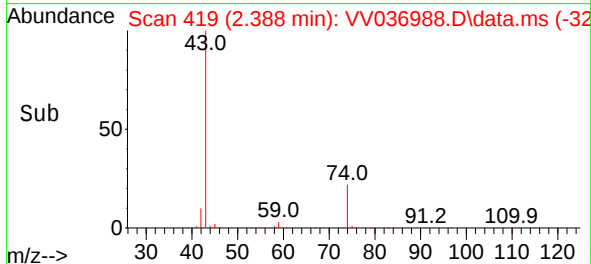
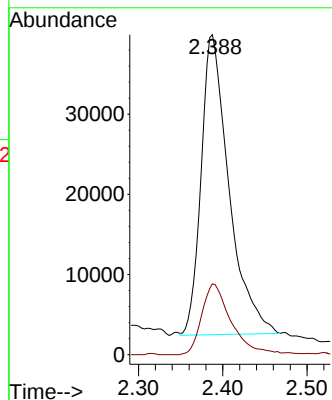
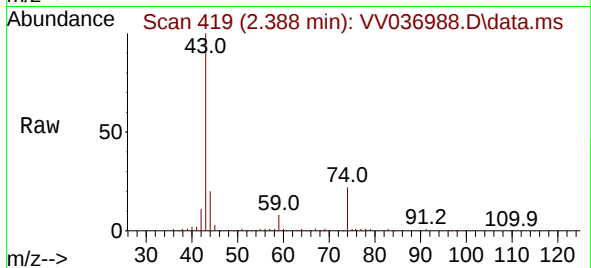
ClientSampleId :

Tgt Ion: 43 Resp: 86128

Ion Ratio Lower Upper

43 100

74 24.7 19.8 29.6



#16

Methylene chloride

Concen: 20.806 ug/L

RT: 2.446 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

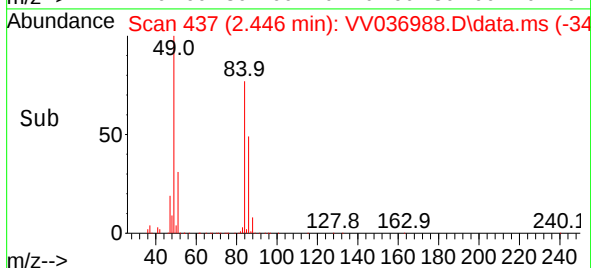
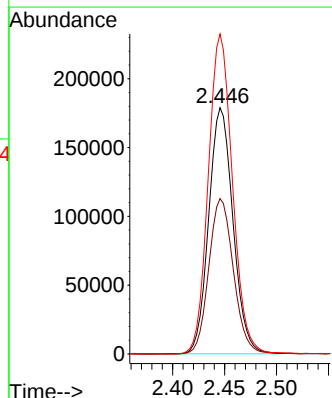
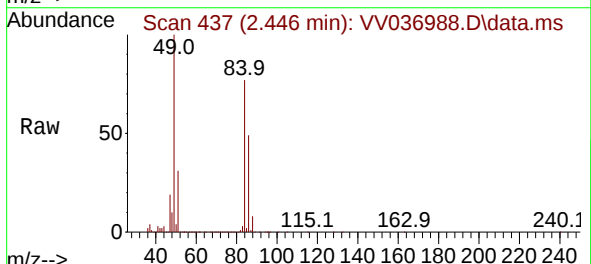
Tgt Ion: 84 Resp: 290822

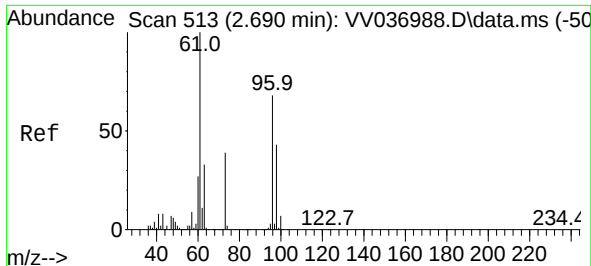
Ion Ratio Lower Upper

84 100

86 63.1 44.2 82.0

49 130.0 91.0 169.0





#17

trans-1,2-Dichloroethene

Concen: 26.635 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

Instrument :

MSVOA_V

ClientSampleId :

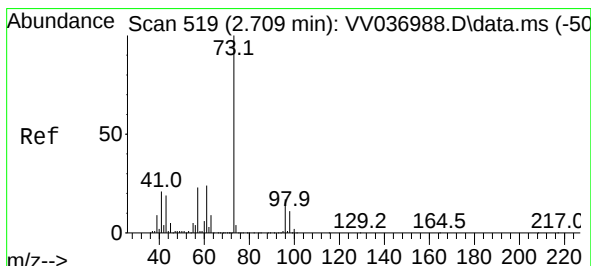
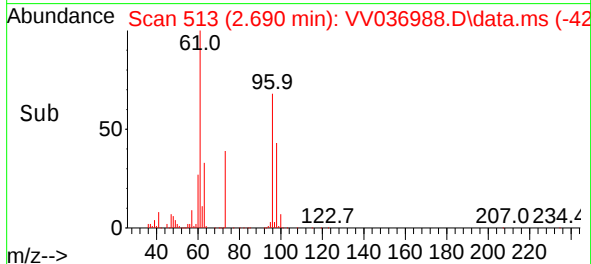
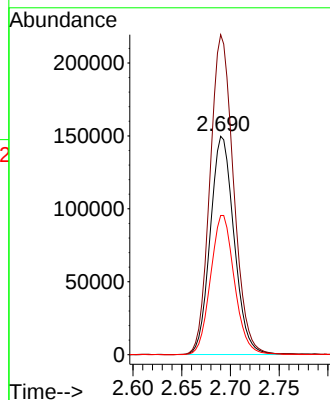
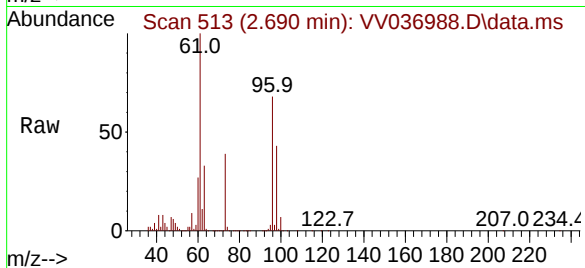
Tgt Ion: 96 Resp: 254379

Ion Ratio Lower Upper

96 100

61 146.6 102.6 190.6

98 63.7 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 27.600 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

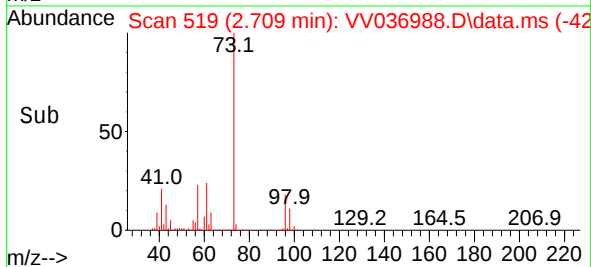
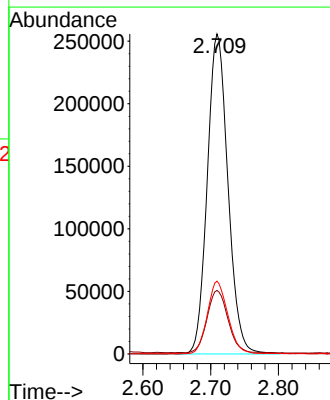
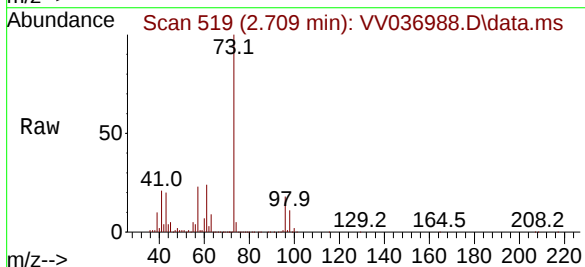
Tgt Ion: 73 Resp: 541506

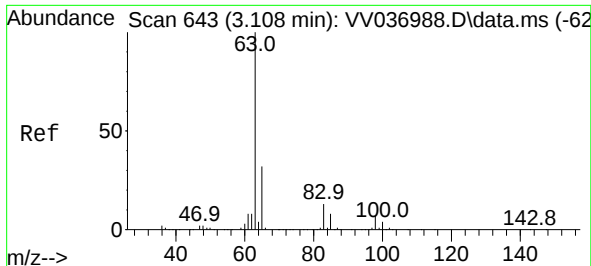
Ion Ratio Lower Upper

73 100

43 19.6 15.7 23.5

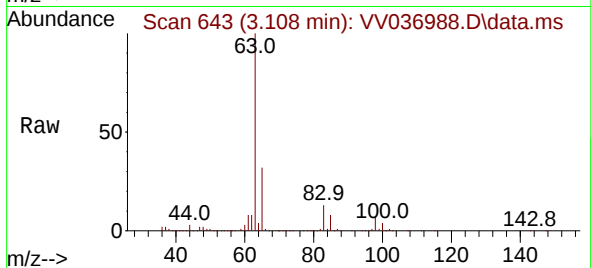
57 22.4 17.9 26.9



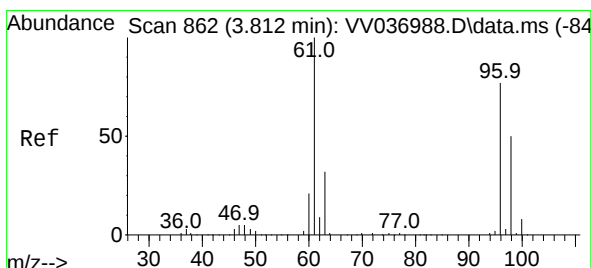
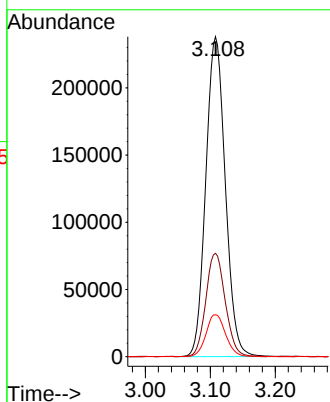
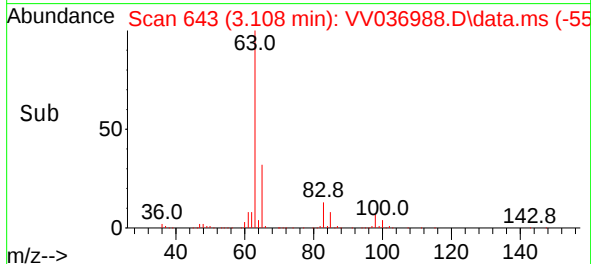


#19
1,1-Dichloroethane
Concen: 27.298 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.000 min
Lab File: VV036988.D
Acq: 21 Aug 2024 11:14

Instrument :
MSVOA_V
ClientSampleId :

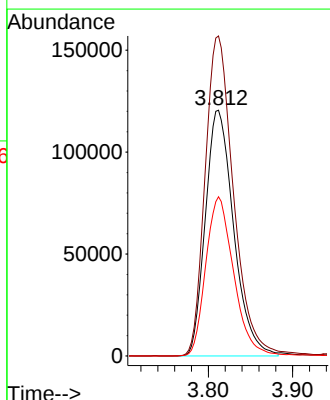
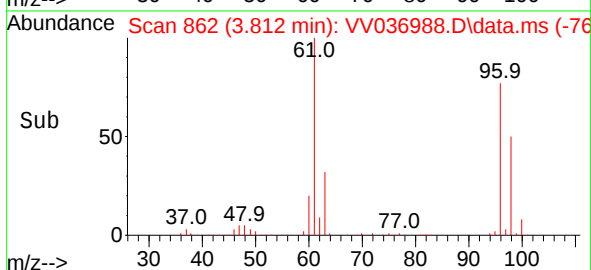
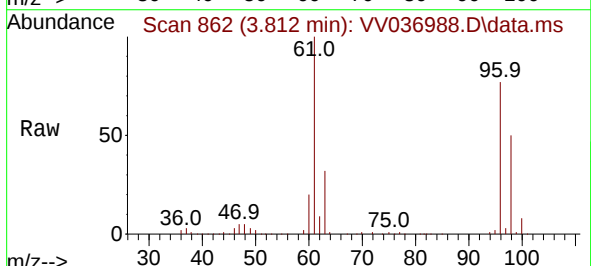


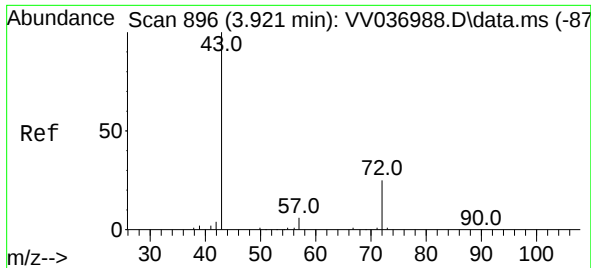
Tgt Ion: 63 Resp: 496477
Ion Ratio Lower Upper
63 100
65 32.3 22.6 42.0
83 13.1 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 27.362 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV036988.D
Acq: 21 Aug 2024 11:14

Tgt Ion: 96 Resp: 282073
Ion Ratio Lower Upper
96 100
61 130.2 91.1 169.3
98 64.8 45.4 84.2

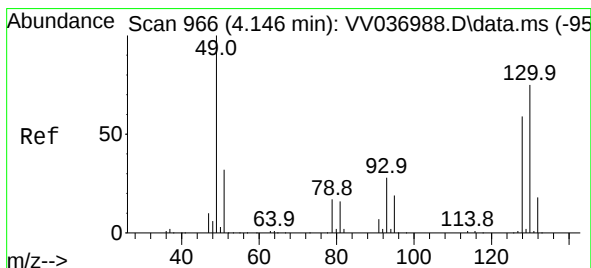
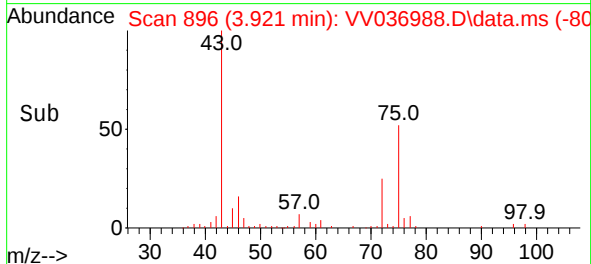
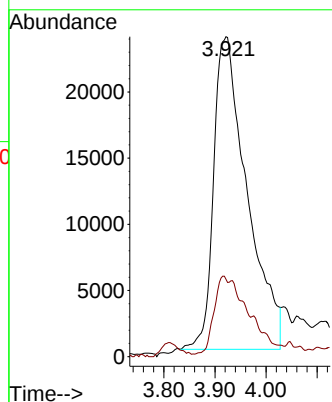
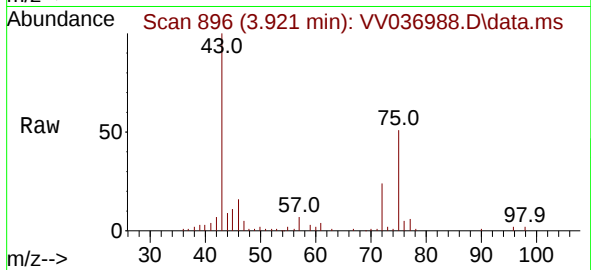




#22
2-Butanone
Concen: 52.450 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.000 min
Lab File: VV036988.D
Acq: 21 Aug 2024 11:14

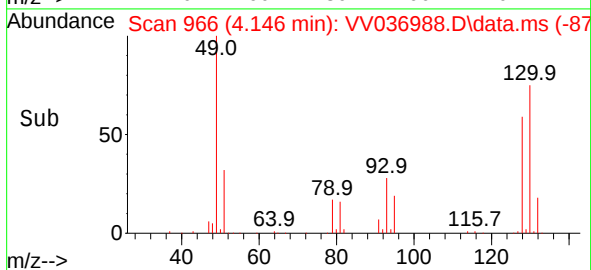
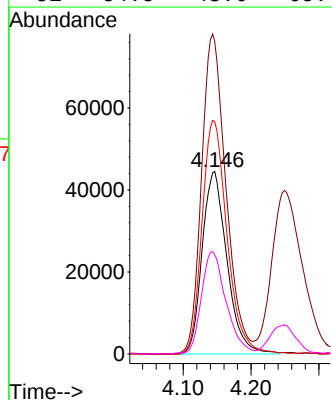
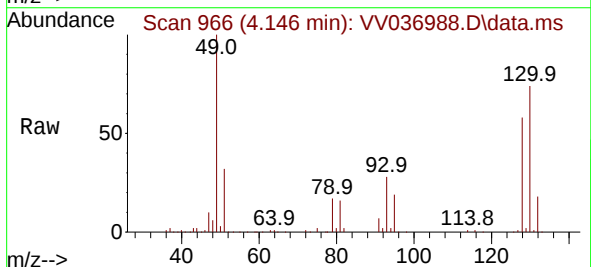
Instrument :
MSVOA_V
ClientSampleId :

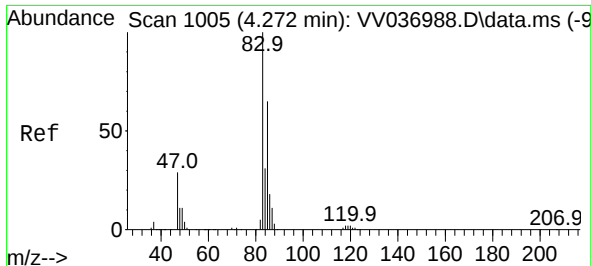
Tgt Ion: 43 Resp: 107360
Ion Ratio Lower Upper
43 100
72 9.9 0.0 0.0#



#23
Bromochloromethane
Concen: 27.780 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.000 min
Lab File: VV036988.D
Acq: 21 Aug 2024 11:14

Tgt Ion:128 Resp: 112846
Ion Ratio Lower Upper
128 100
49 171.2 119.8 222.6
130 127.4 89.2 165.6
51 54.5 43.6 65.4





#25

Chloroform

Concen: 27.304 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

Instrument :

MSVOA_V

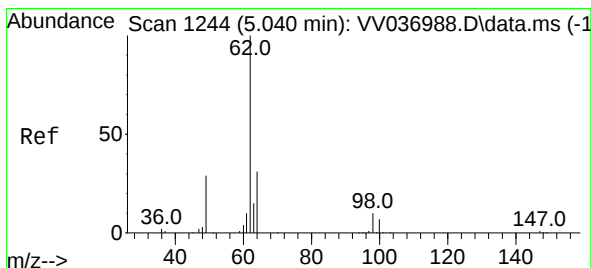
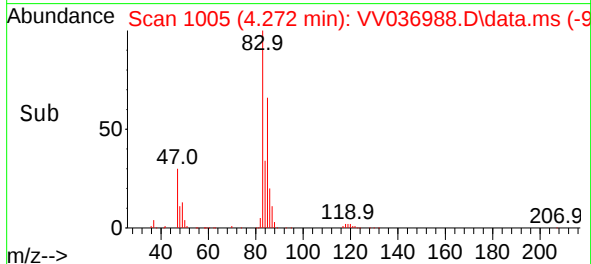
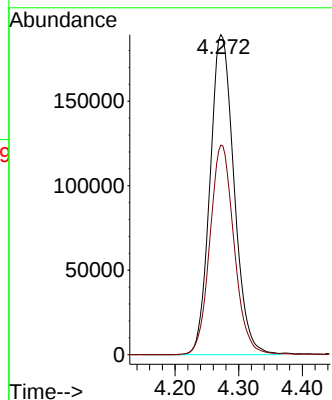
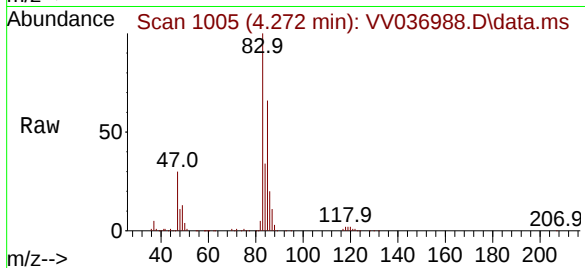
ClientSampleId :

Tgt Ion: 83 Resp: 497101

Ion Ratio Lower Upper

83 100

85 65.5 45.8 85.2



#27

1,2-Dichloroethane

Concen: 28.728 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.000 min

Lab File: VV036988.D

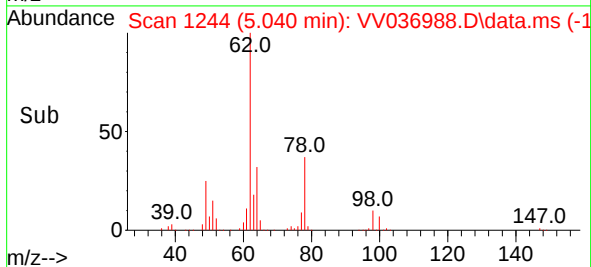
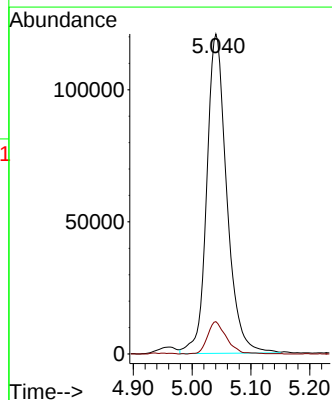
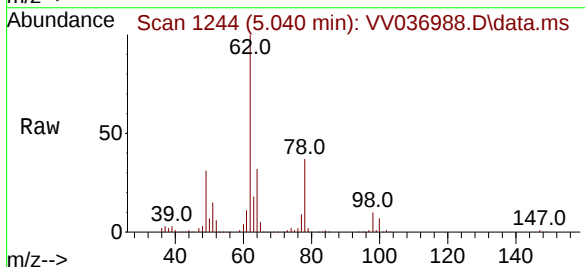
Acq: 21 Aug 2024 11:14

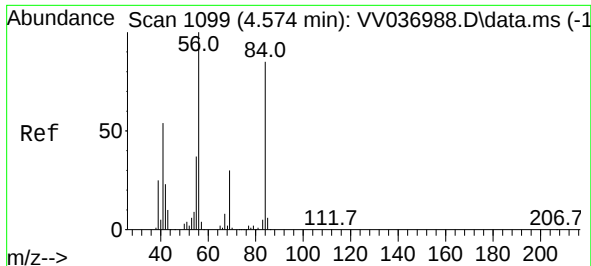
Tgt Ion: 62 Resp: 285779

Ion Ratio Lower Upper

62 100

98 10.1 8.1 12.1





#29

Cyclohexane

Concen: 25.899 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

Instrument :

MSVOA_V

ClientSampleId :

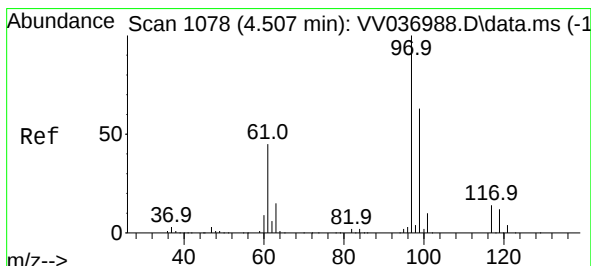
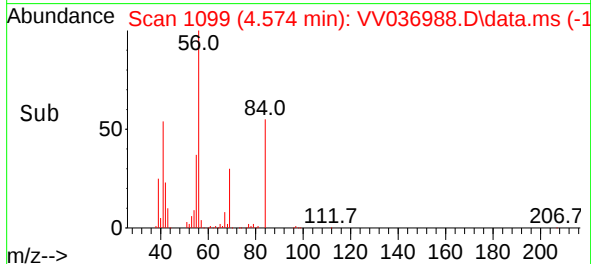
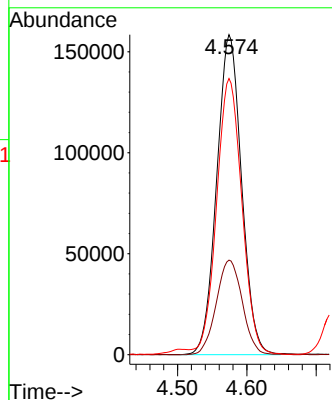
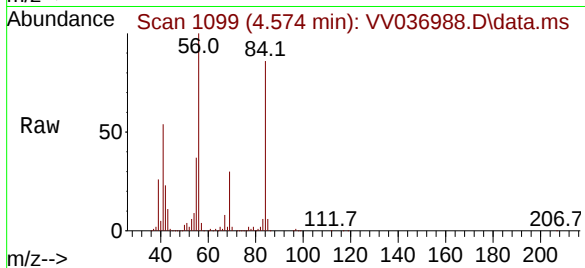
Tgt Ion: 56 Resp: 394983

Ion Ratio Lower Upper

56 100

69 30.8 24.6 37.0

84 87.6 70.1 105.1



#30

1,1,1-Trichloroethane

Concen: 26.456 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

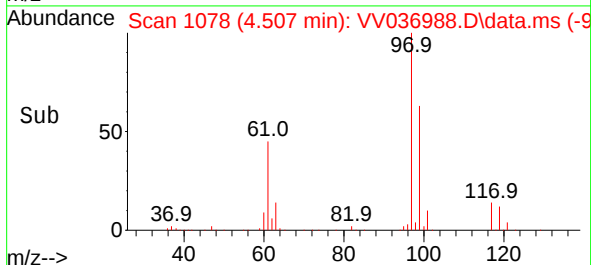
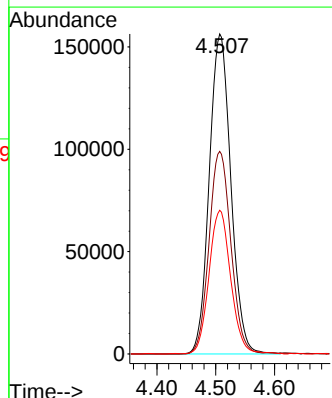
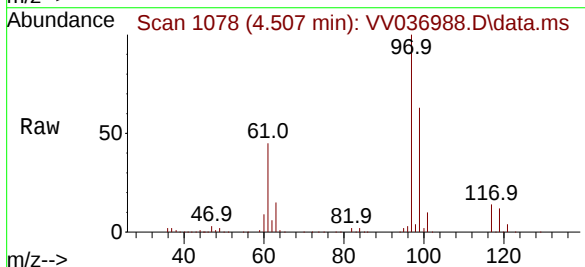
Tgt Ion: 97 Resp: 399440

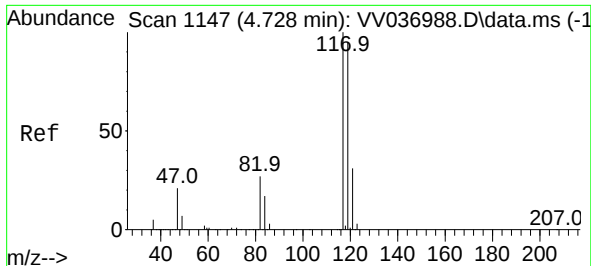
Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 45.2 36.2 54.2

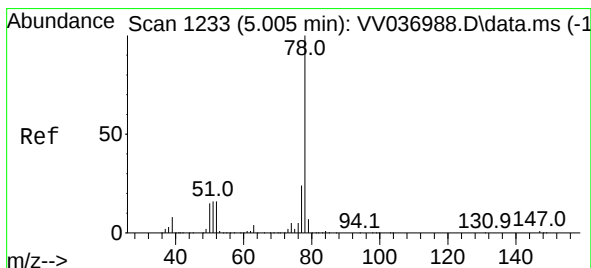
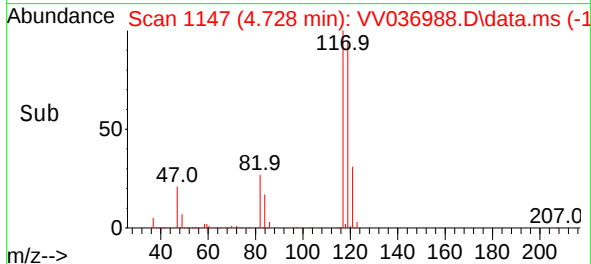
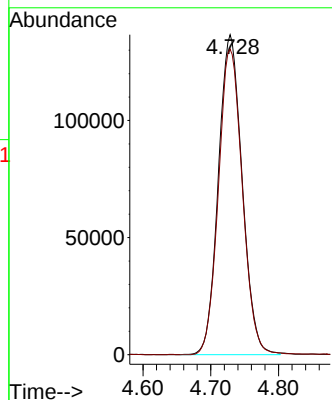
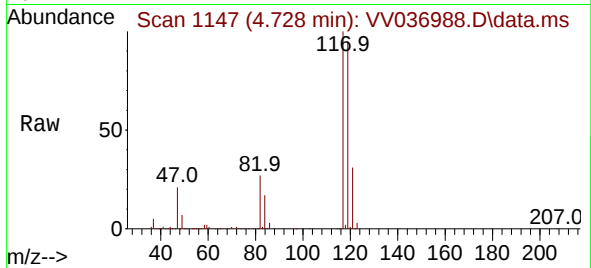




#31
Carbon tetrachloride
Concen: 26.535 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV036988.D
Acq: 21 Aug 2024 11:14

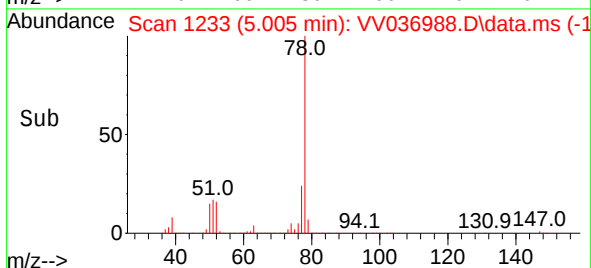
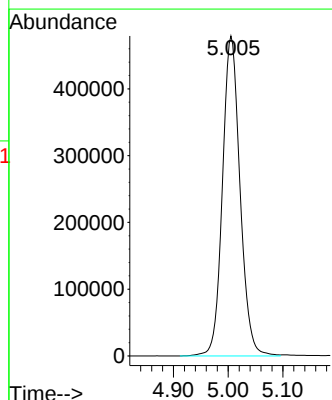
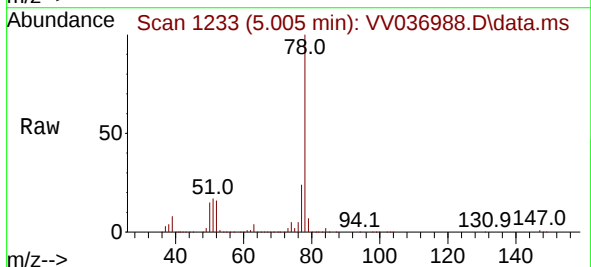
Instrument :
MSVOA_V
ClientSampleId :

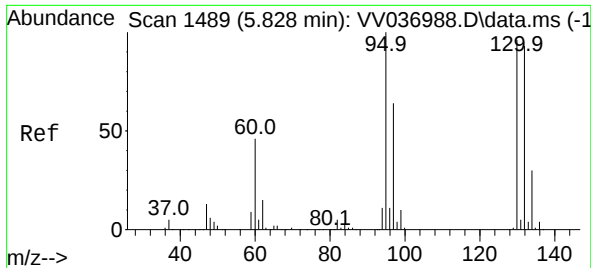
Tgt Ion:117 Resp: 332451
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 27.256 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV036988.D
Acq: 21 Aug 2024 11:14

Tgt Ion: 78 Resp: 1069057

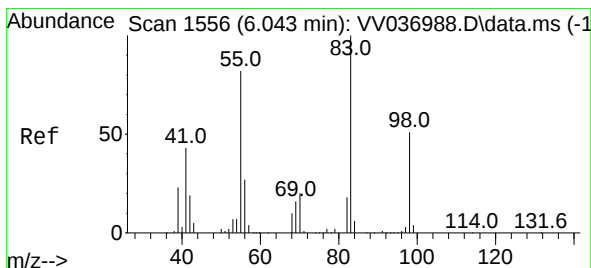
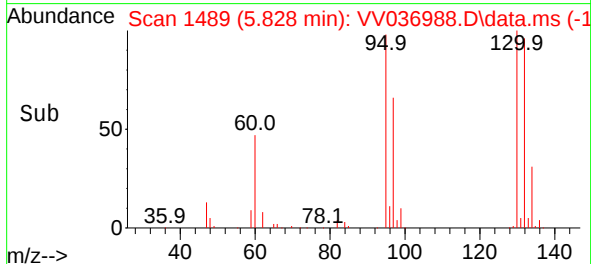
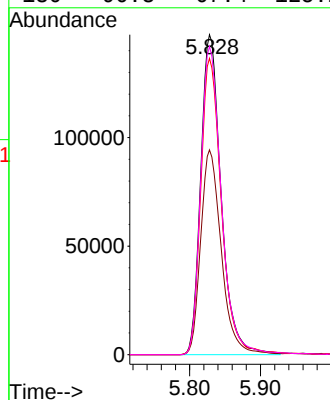
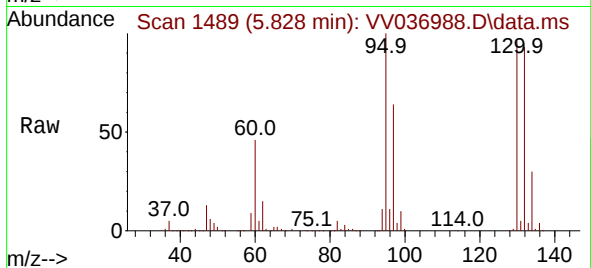




#34
Trichloroethene
Concen: 26.531 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV036988.D
Acq: 21 Aug 2024 11:14

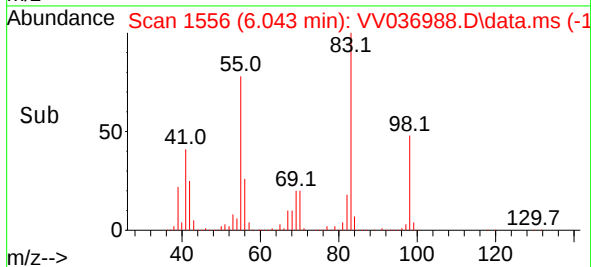
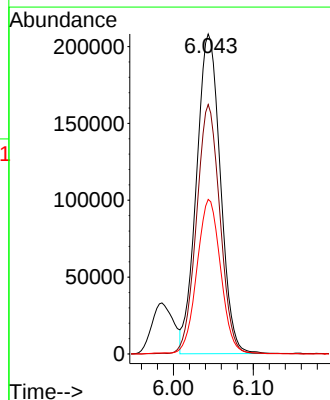
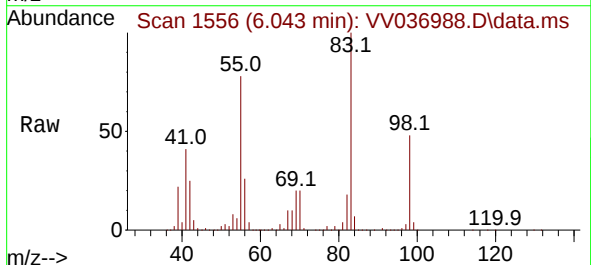
Instrument :
MSVOA_V
ClientSampleId :

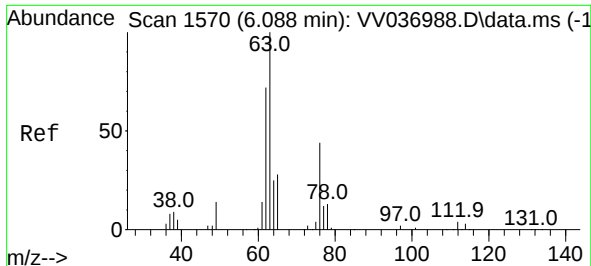
Tgt Ion: 95 Resp: 295487
Ion Ratio Lower Upper
95 100
97 64.0 44.8 83.2
132 92.6 64.8 120.4
130 96.3 67.4 125.2



#35
Methylcyclohexane
Concen: 26.206 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VV036988.D
Acq: 21 Aug 2024 11:14

Tgt Ion: 83 Resp: 432679
Ion Ratio Lower Upper
83 100
55 76.6 61.3 91.9
98 48.2 38.6 57.8

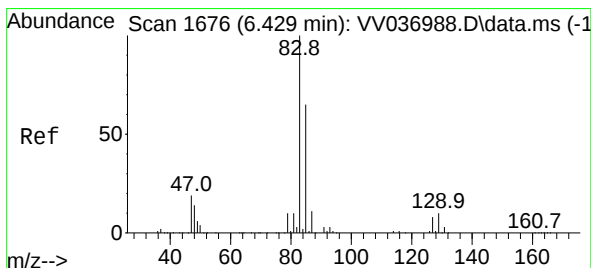
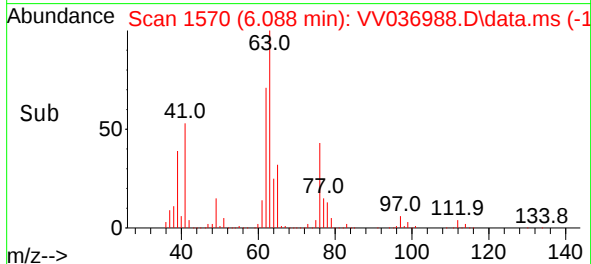
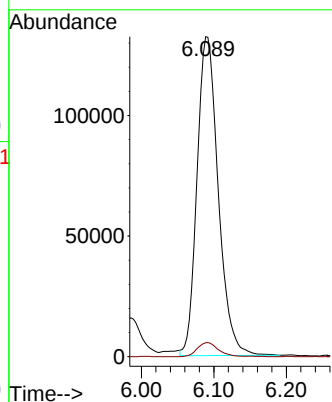
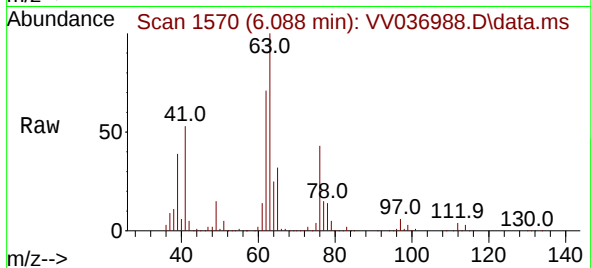




#37
1,2-Dichloropropane
Concen: 27.752 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV036988.D
Acq: 21 Aug 2024 11:14

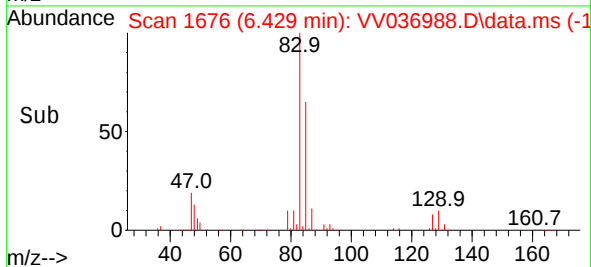
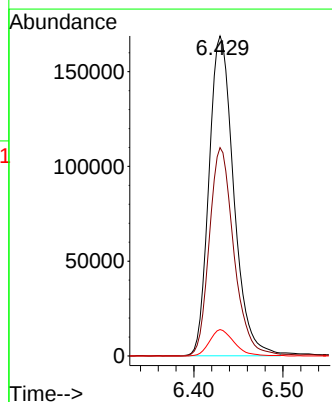
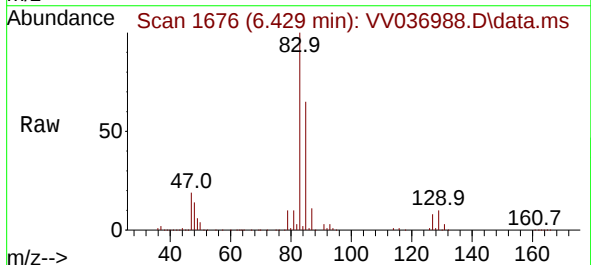
Instrument :
MSVOA_V
ClientSampleId :

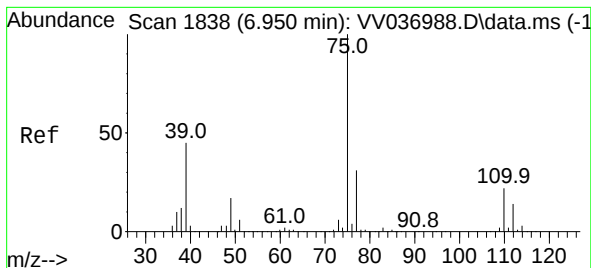
Tgt Ion: 63 Resp: 269019
Ion Ratio Lower Upper
63 100
112 4.4 0.1 0.1#



#38
Bromodichloromethane
Concen: 26.876 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV036988.D
Acq: 21 Aug 2024 11:14

Tgt Ion: 83 Resp: 325345
Ion Ratio Lower Upper
83 100
85 65.1 45.6 84.6
127 8.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 27.929 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

Instrument :

MSVOA_V

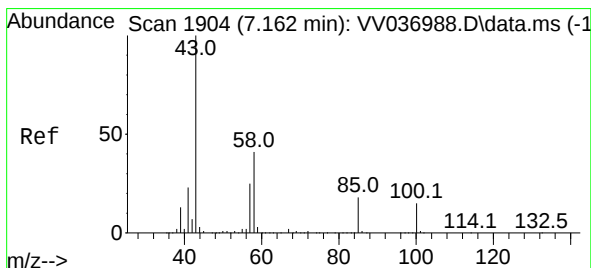
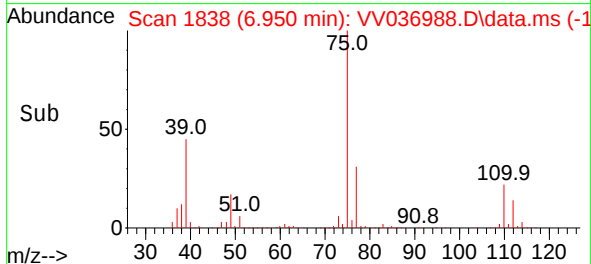
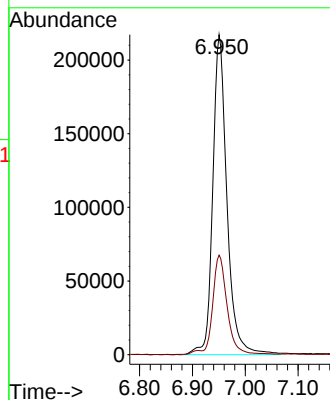
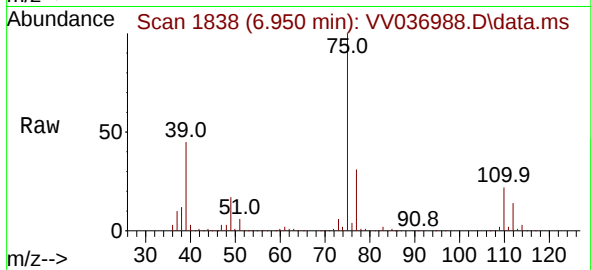
ClientSampleId :

Tgt Ion: 75 Resp: 405205

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 56.537 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

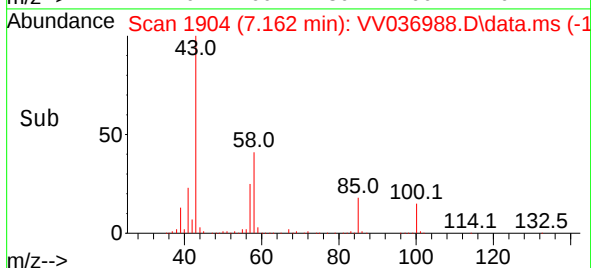
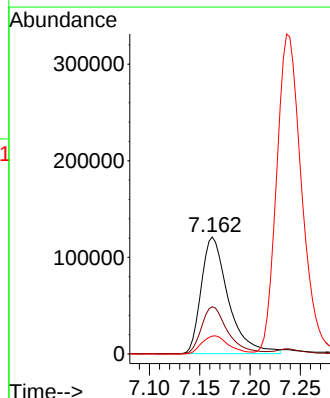
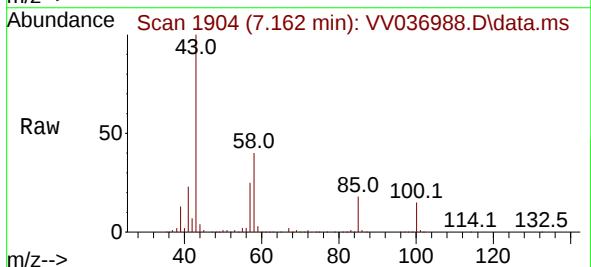
Tgt Ion: 43 Resp: 226475

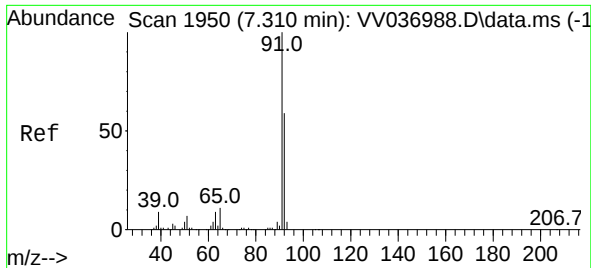
Ion Ratio Lower Upper

43 100

58 39.4 31.5 47.3

100 15.5 12.4 18.6





#42

Toluene

Concen: 27.213 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

Instrument :

MSVOA_V

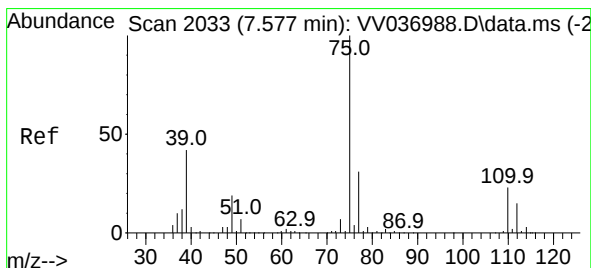
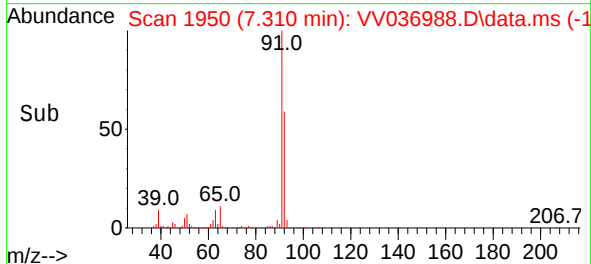
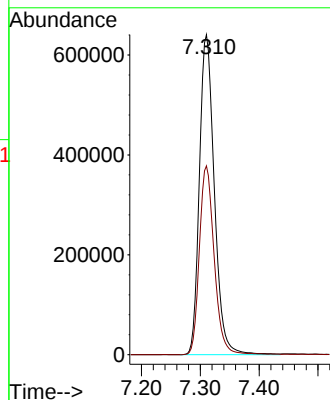
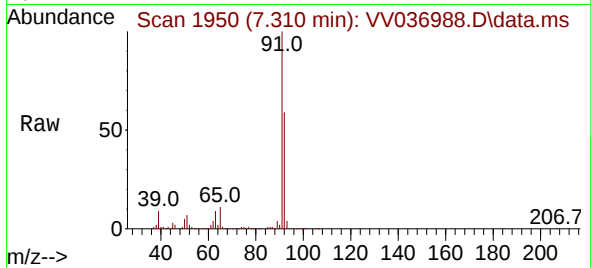
ClientSampleId :

Tgt Ion: 91 Resp: 1129392

Ion Ratio Lower Upper

91 100

92 59.0 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 27.985 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036988.D

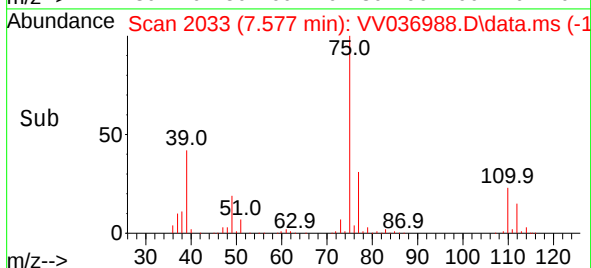
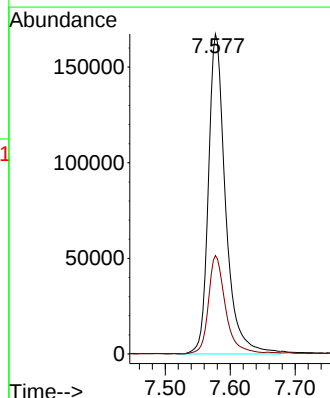
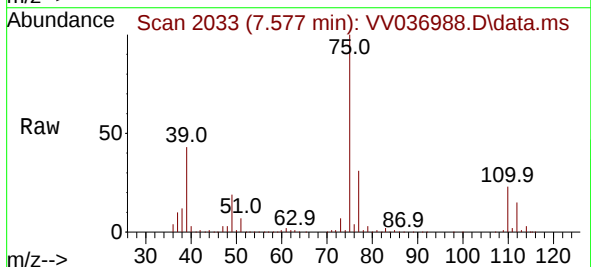
Acq: 21 Aug 2024 11:14

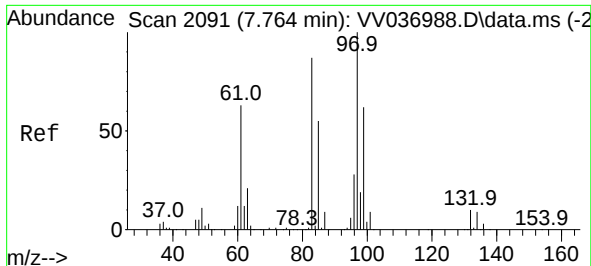
Tgt Ion: 75 Resp: 307864

Ion Ratio Lower Upper

75 100

77 30.8 21.6 40.0



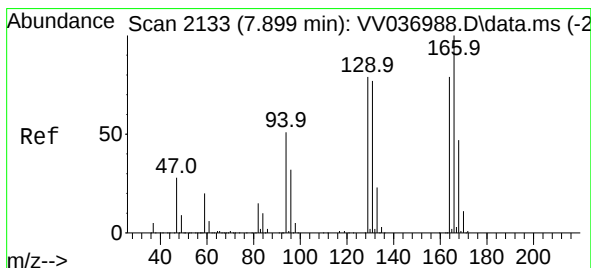
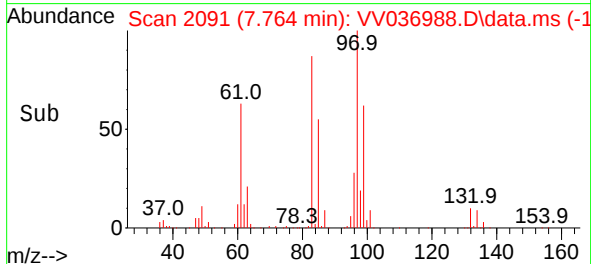
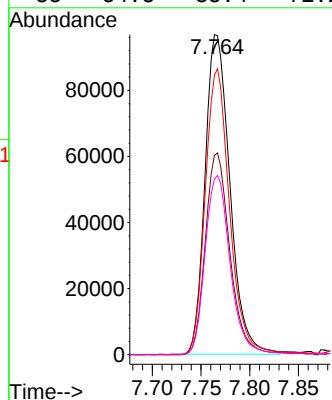
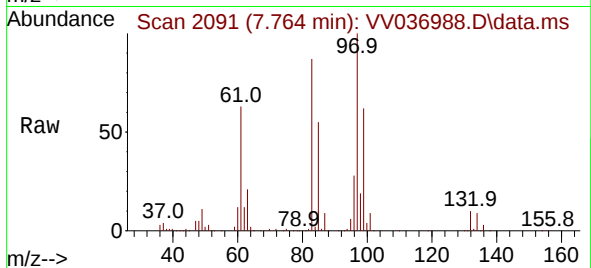


#45
1,1,2-Trichloroethane
Concen: 27.369 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV036988.D
Acq: 21 Aug 2024 11:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 171774

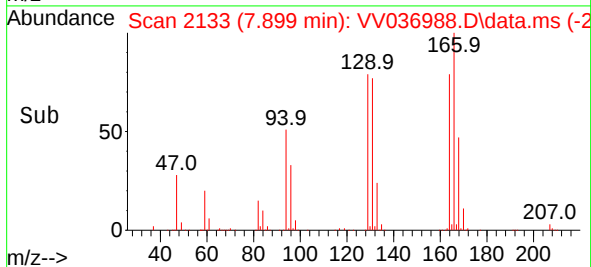
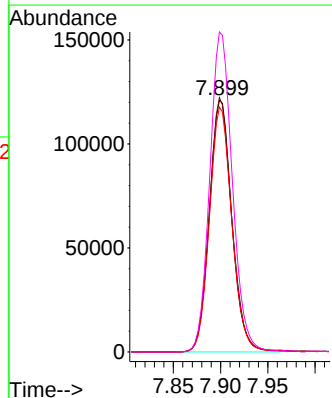
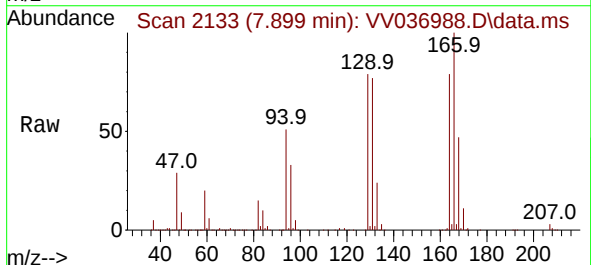
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.6	81.0
83	87.3	61.1	113.5
85	54.8	38.4	71.2

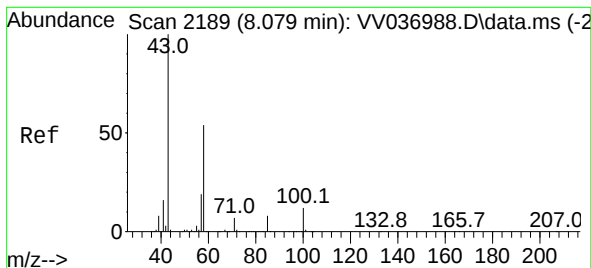


#46
Tetrachloroethene
Concen: 25.908 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV036988.D
Acq: 21 Aug 2024 11:14

Tgt Ion: 164 Resp: 201504

Ion	Ratio	Lower	Upper
164	100		
129	101.1	70.8	131.4
131	97.3	68.1	126.5
166	127.1	89.0	165.2





#48

2-Hexanone

Concen: 60.552 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 182821

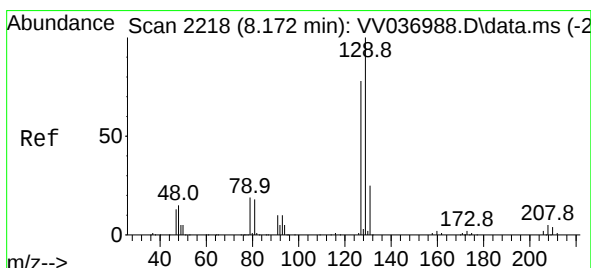
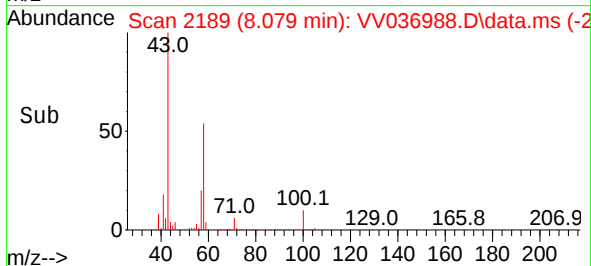
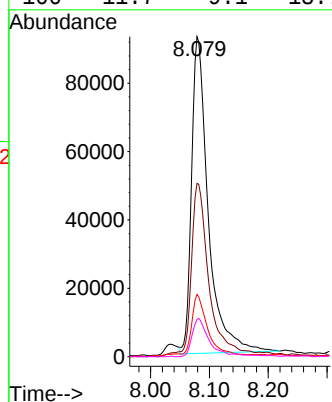
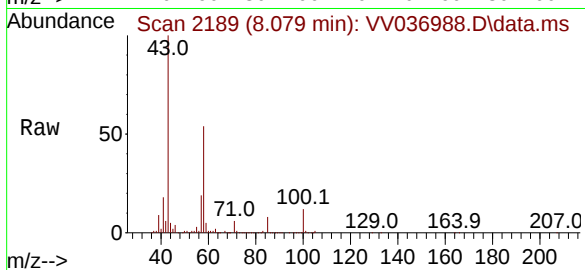
Ion Ratio Lower Upper

43 100

58 58.1 45.0 67.6

57 17.1 13.3 19.9

100 11.7 9.1 13.7



#49

Dibromochloromethane

Concen: 27.432 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV036988.D

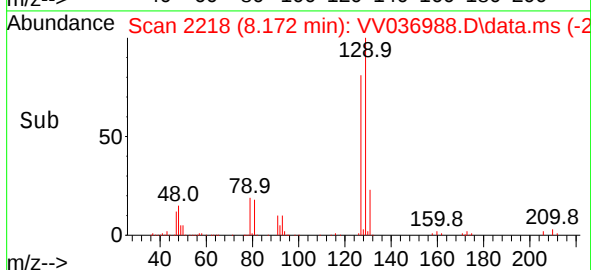
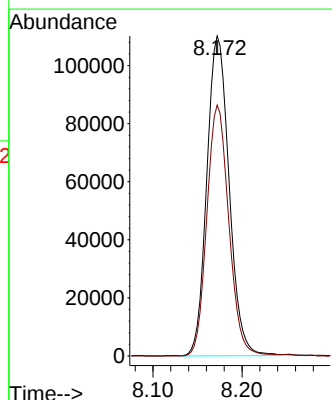
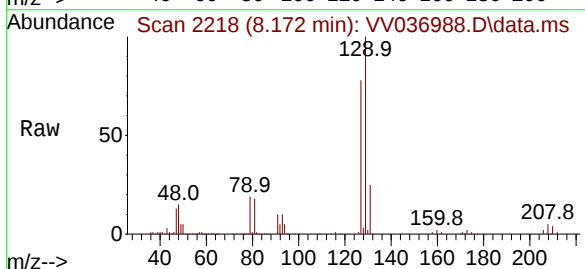
Acq: 21 Aug 2024 11:14

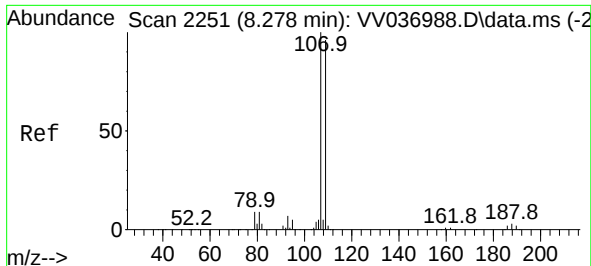
Tgt Ion: 129 Resp: 191389

Ion Ratio Lower Upper

129 100

127 78.4 54.9 101.9

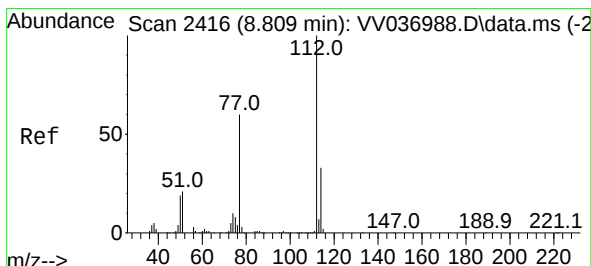
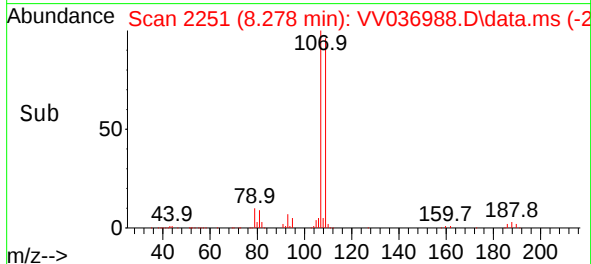
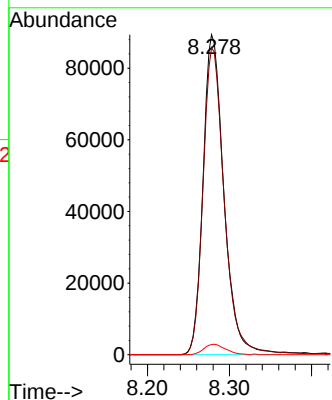
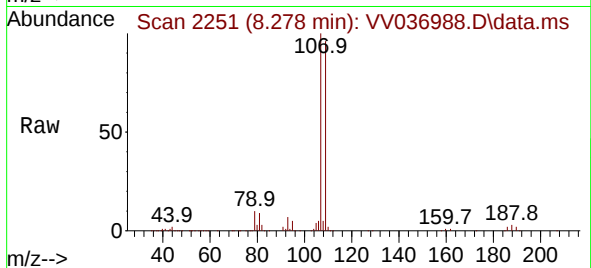




#50
1,2-Dibromoethane
Concen: 27.225 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036988.D
Acq: 21 Aug 2024 11:14

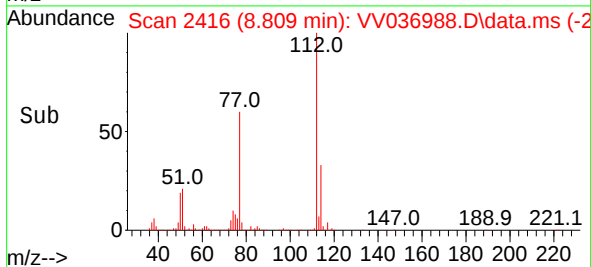
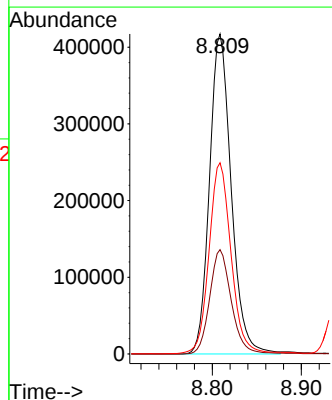
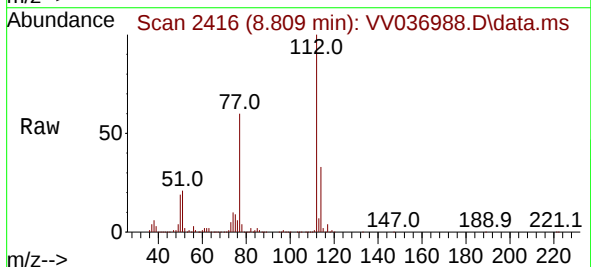
Instrument :
MSVOA_V
ClientSampleId :

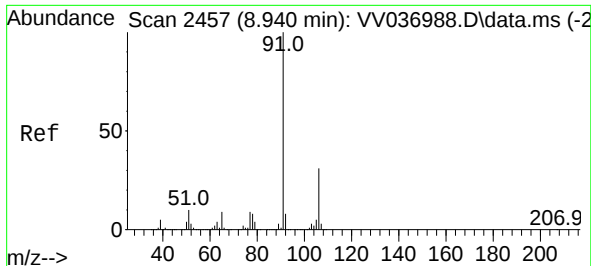
Tgt Ion:107 Resp: 157865
Ion Ratio Lower Upper
107 100
109 95.9 67.1 124.7
188 3.1 2.5 3.7



#51
Chlorobenzene
Concen: 26.633 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV036988.D
Acq: 21 Aug 2024 11:14

Tgt Ion:112 Resp: 705720
Ion Ratio Lower Upper
112 100
114 32.6 22.8 42.4
77 59.8 47.8 71.8





#52

Ethylbenzene

Concen: 27.111 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

Instrument :

MSVOA_V

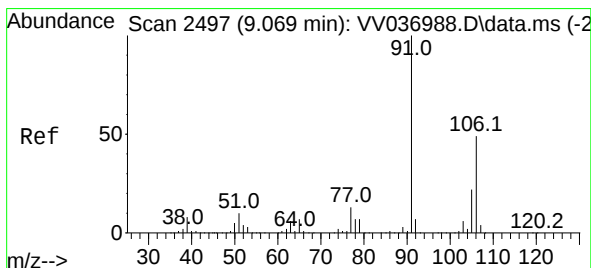
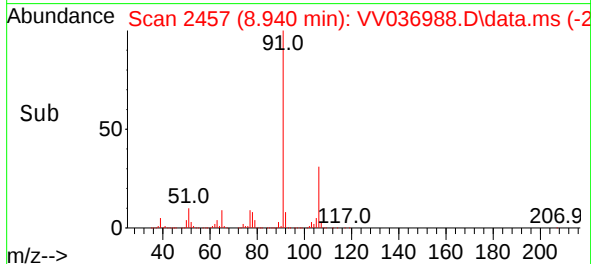
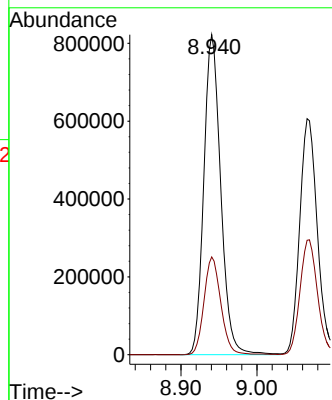
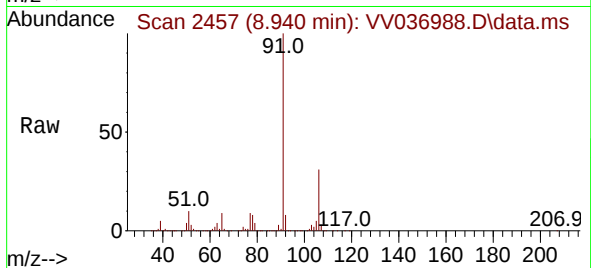
ClientSampleId :

Tgt Ion: 91 Resp: 1270979

Ion Ratio Lower Upper

91 100

106 30.5 21.3 39.6



#53

m,p-Xylene

Concen: 27.369 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV036988.D

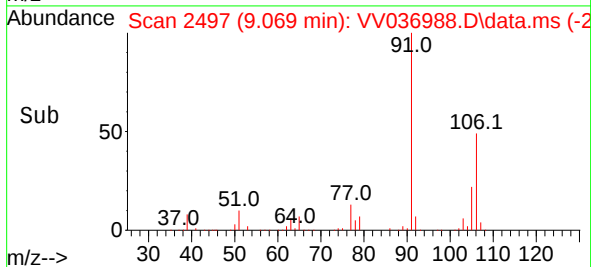
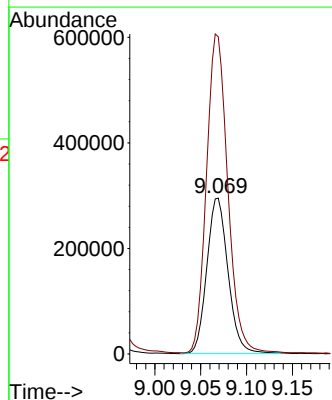
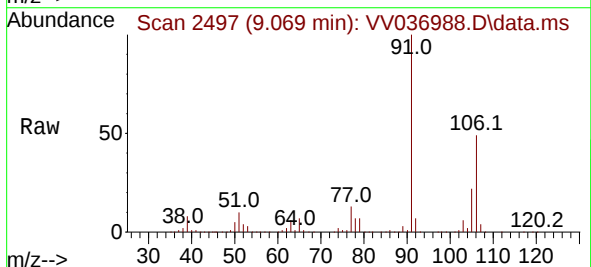
Acq: 21 Aug 2024 11:14

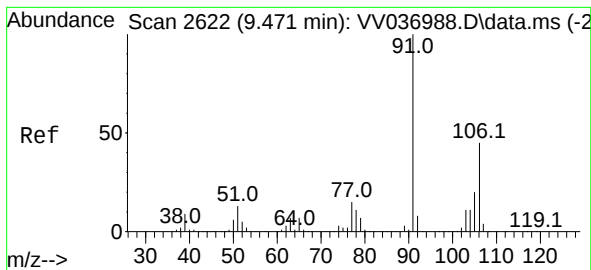
Tgt Ion: 106 Resp: 474530

Ion Ratio Lower Upper

106 100

91 203.5 142.5 264.6





#54

o-Xylene

Concen: 27.213 ug/L

RT: 9.471 min Scan# 2622

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

Instrument :

MSVOA_V

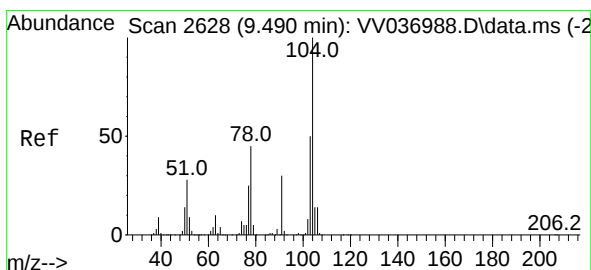
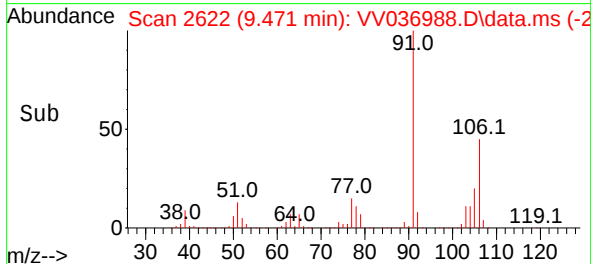
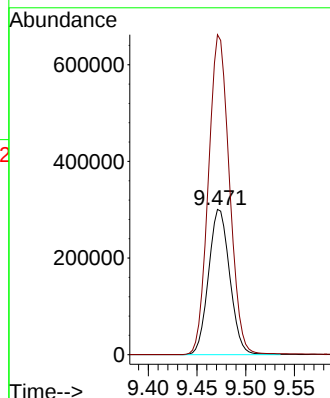
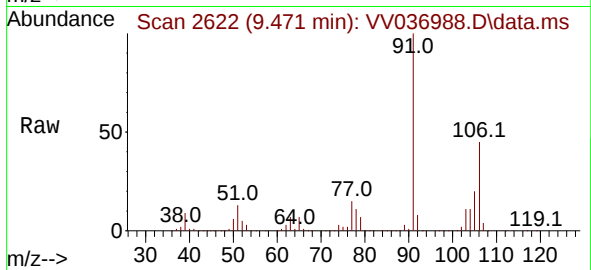
ClientSampleId :

Tgt Ion:106 Resp: 454419

Ion Ratio Lower Upper

106 100

91 220.3 154.2 286.4



#55

Styrene

Concen: 27.768 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. 0.000 min

Lab File: VV036988.D

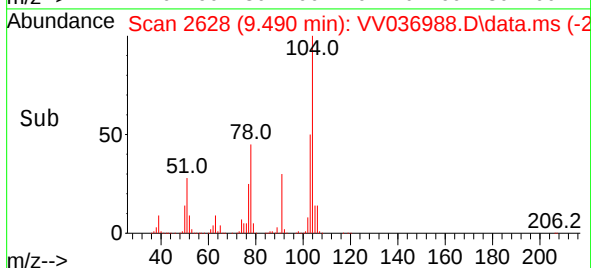
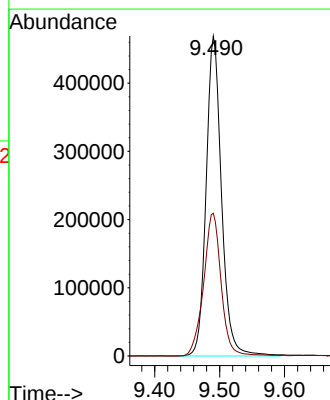
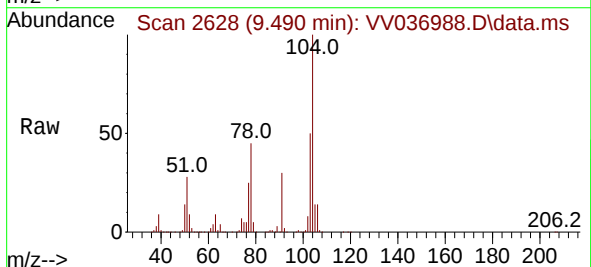
Acq: 21 Aug 2024 11:14

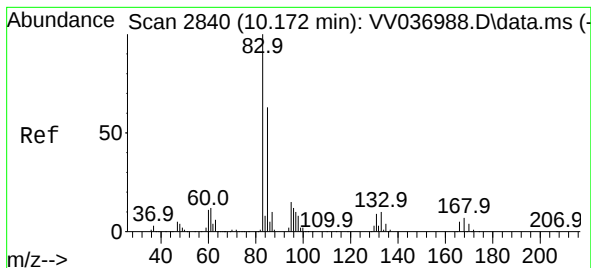
Tgt Ion:104 Resp: 774117

Ion Ratio Lower Upper

104 100

78 44.6 31.2 58.0





#57

1,1,2,2-Tetrachloroethane

Concen: 26.703 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

Instrument :

MSVOA_V

ClientSampleId :

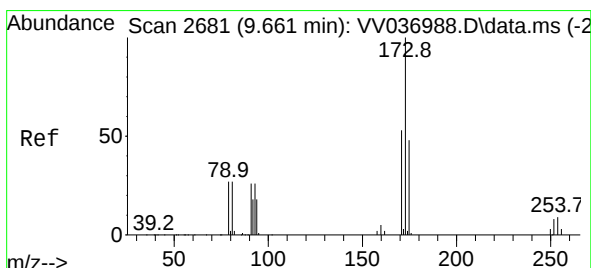
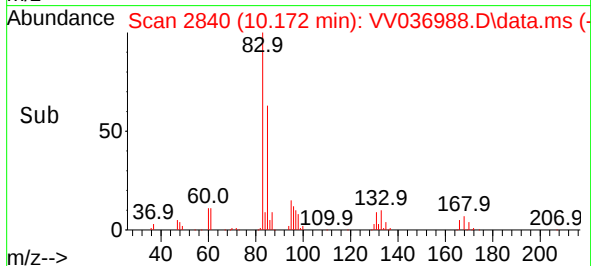
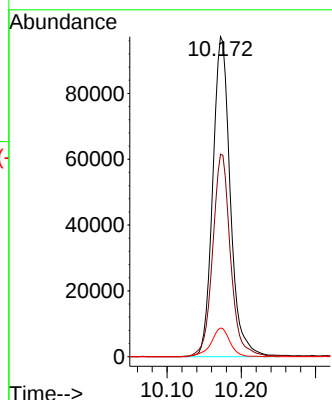
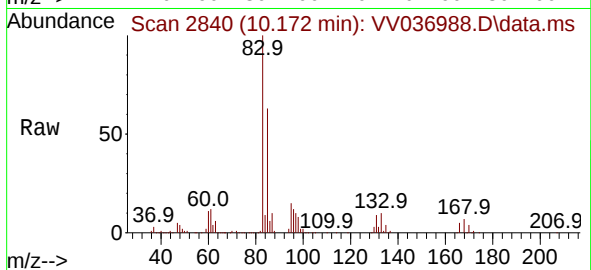
Tgt Ion: 83 Resp: 159966

Ion Ratio Lower Upper

83 100

85 63.3 44.3 82.3

131 9.0 7.2 10.8



#59

Bromoform

Concen: 26.803 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

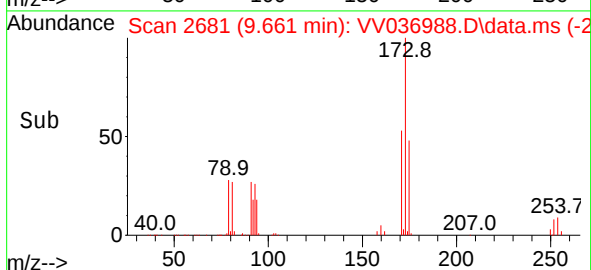
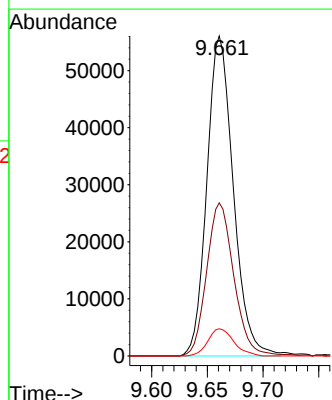
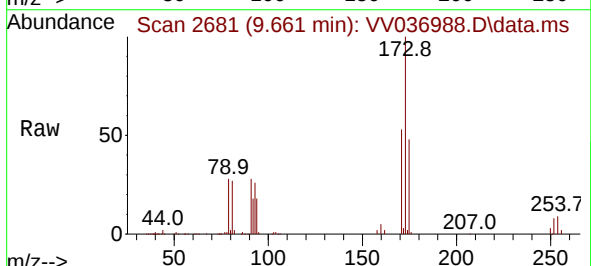
Tgt Ion: 173 Resp: 92476

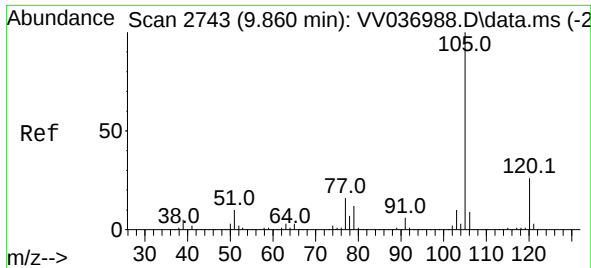
Ion Ratio Lower Upper

173 100

175 49.2 39.4 59.0

254 8.3 6.6 10.0

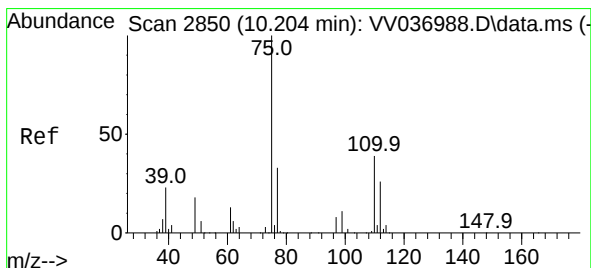
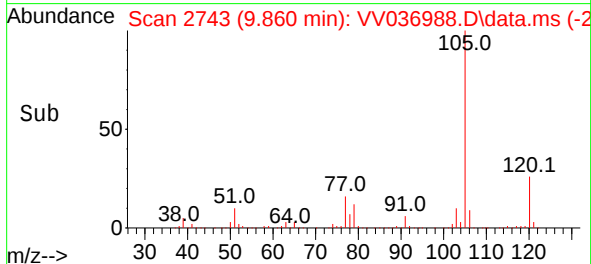
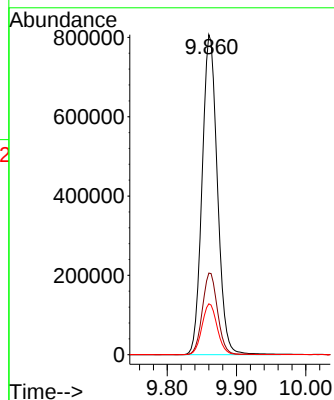
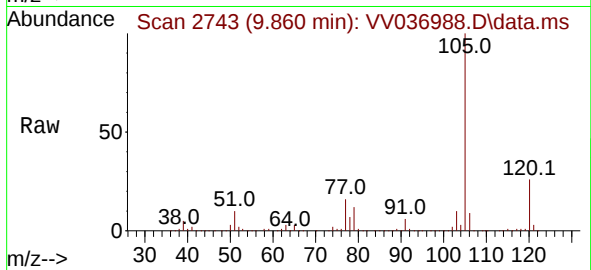




#60
Isopropylbenzene
Concen: 27.230 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036988.D
Acq: 21 Aug 2024 11:14

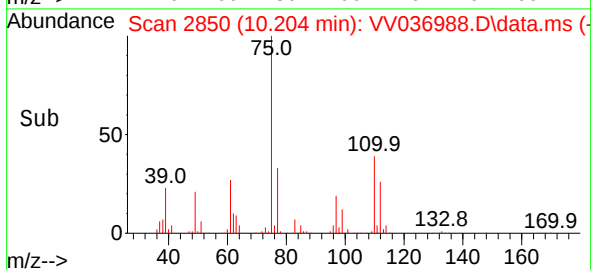
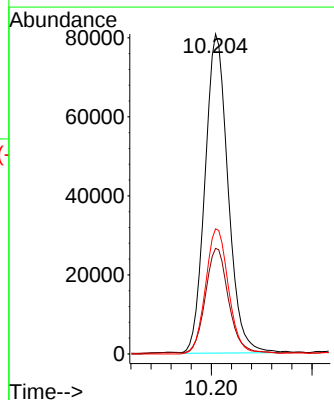
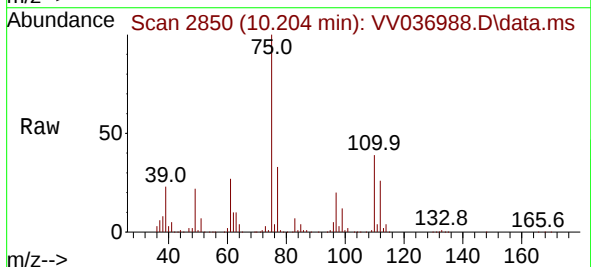
Instrument :
MSVOA_V
ClientSampleId :

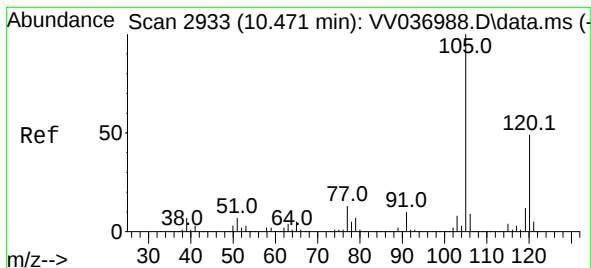
Tgt Ion:105 Resp: 1233593
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 27.172 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV036988.D
Acq: 21 Aug 2024 11:14

Tgt Ion: 75 Resp: 128396
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.4
110 39.3 31.4 47.2





#62

1,3,5-Trimethylbenzene

Concen: 27.092 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

Instrument :

MSVOA_V

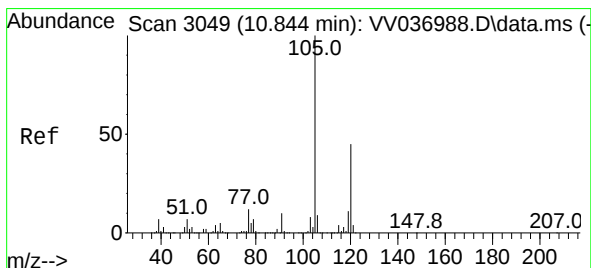
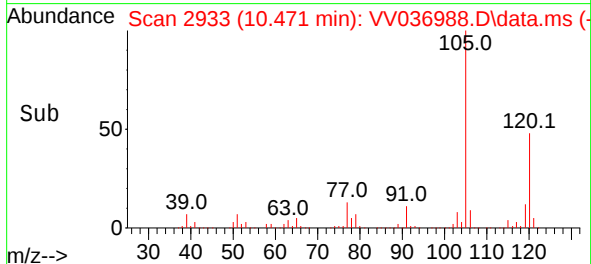
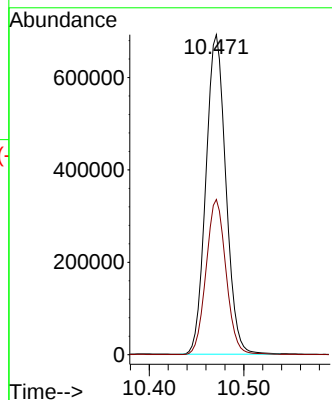
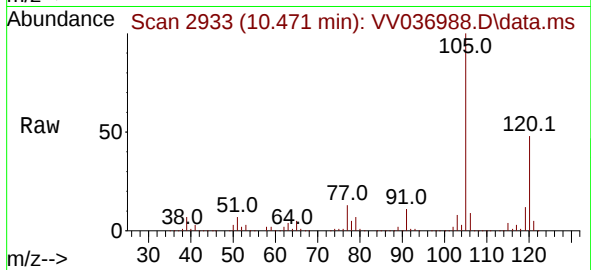
ClientSampleId :

Tgt Ion:105 Resp: 1017284

Ion Ratio Lower Upper

105 100

120 48.4 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 27.495 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV036988.D

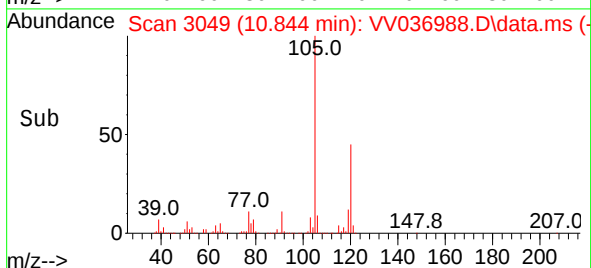
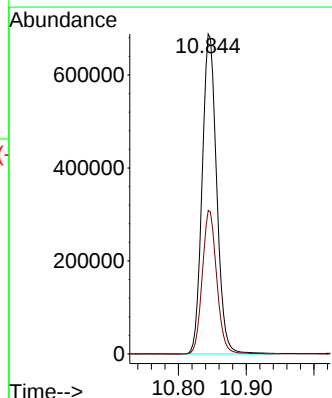
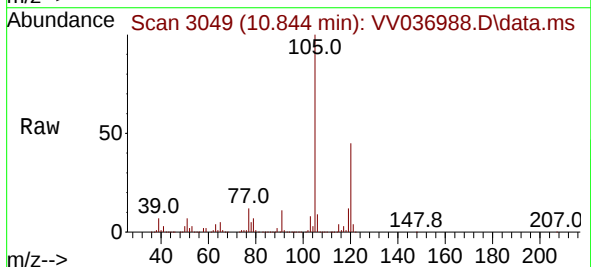
Acq: 21 Aug 2024 11:14

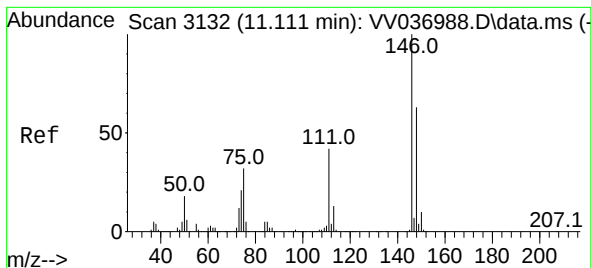
Tgt Ion:105 Resp: 1022900

Ion Ratio Lower Upper

105 100

120 44.4 35.5 53.3





#64

1,3-Dichlorobenzene

Concen: 26.684 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

Instrument :

MSVOA_V

ClientSampleId :

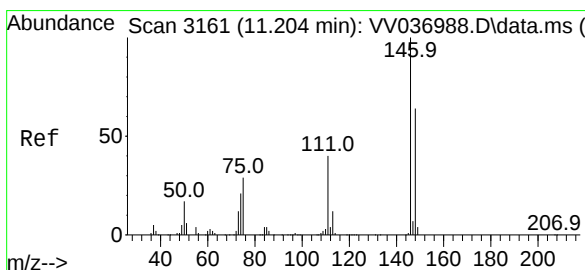
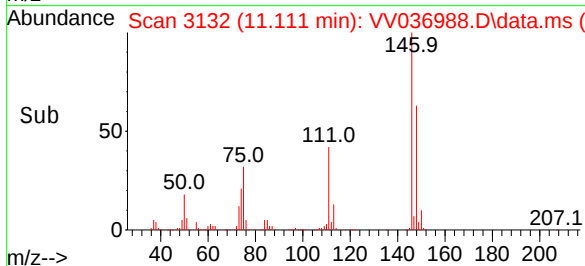
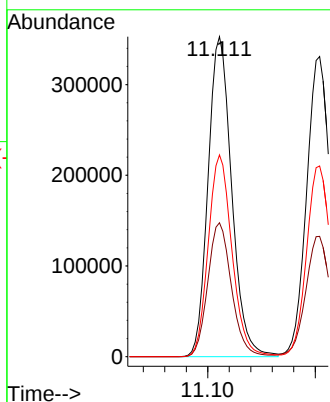
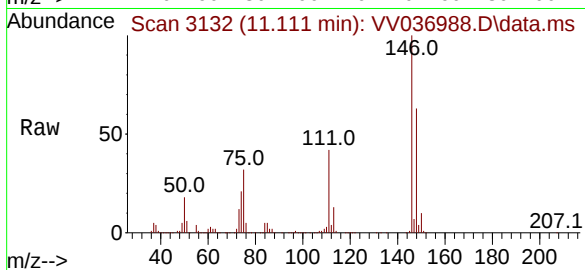
Tgt Ion:146 Resp: 538499

Ion Ratio Lower Upper

146 100

111 41.8 29.3 54.3

148 63.1 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 26.451 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

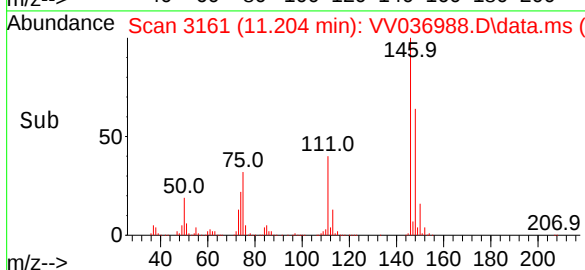
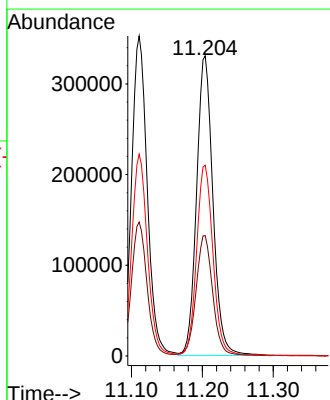
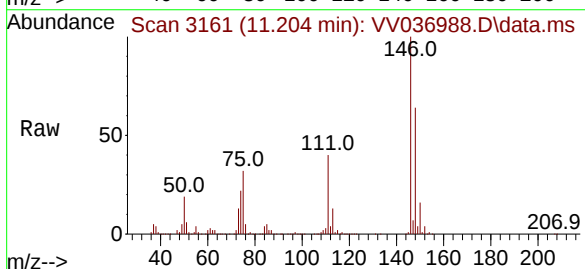
Tgt Ion:146 Resp: 530818

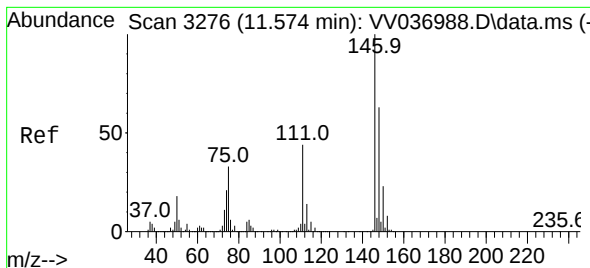
Ion Ratio Lower Upper

146 100

111 40.1 28.1 52.1

148 63.6 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 26.909 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

Instrument :

MSVOA_V

ClientSampleId :

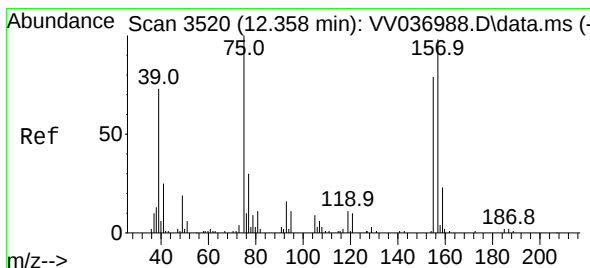
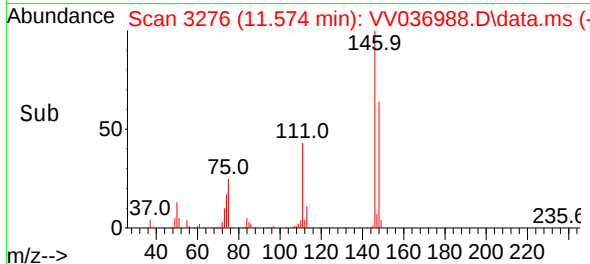
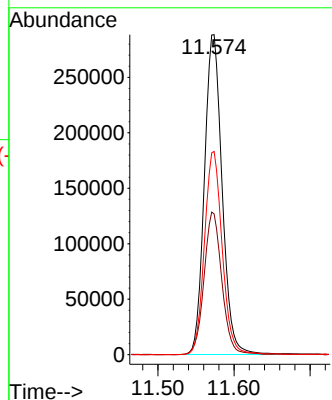
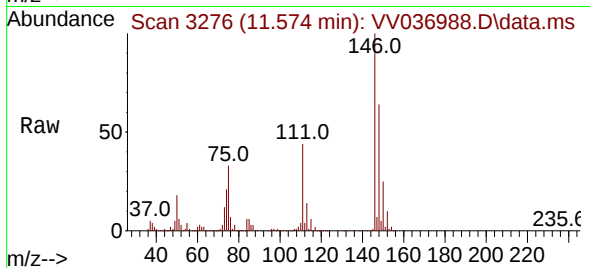
Tgt Ion:146 Resp: 467393

Ion Ratio Lower Upper

146 100

111 44.0 35.2 52.8

148 63.5 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 26.490 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

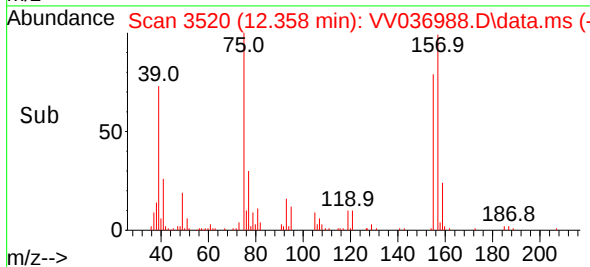
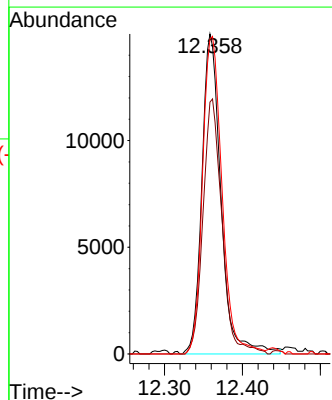
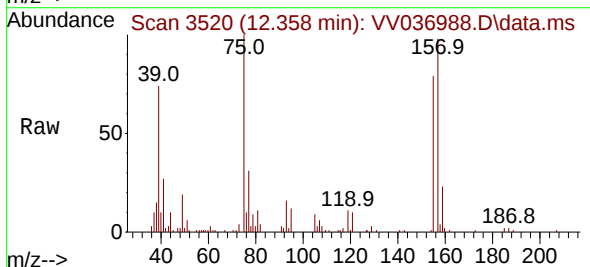
Tgt Ion: 75 Resp: 25493

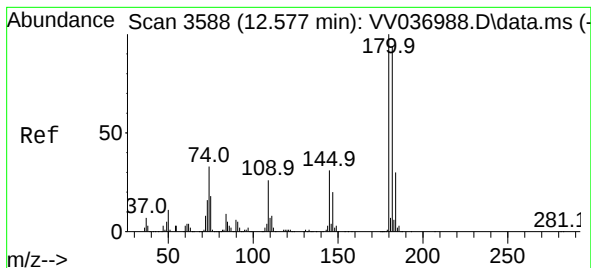
Ion Ratio Lower Upper

75 100

155 78.7 63.0 94.4

157 98.4 78.7 118.1





#69

1,3,5-Trichlorobenzene

Concen: 26.727 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

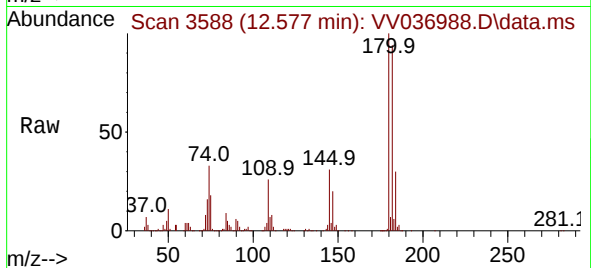
Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 374864

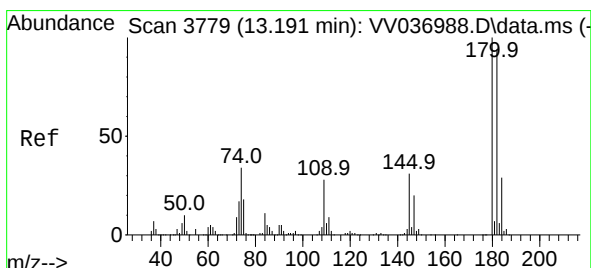
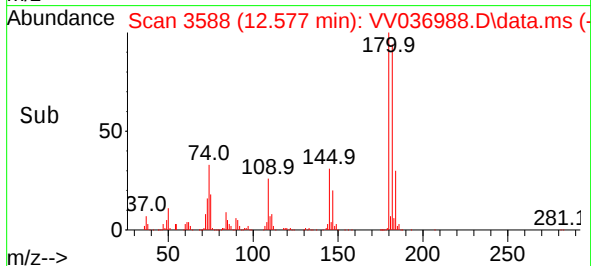
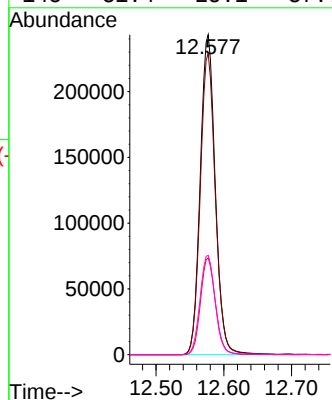
Ion Ratio Lower Upper

180 100

182 94.2 75.4 113.0

184 29.9 23.9 35.9

145 31.4 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 26.770 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

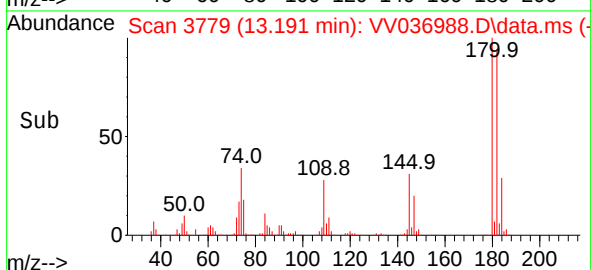
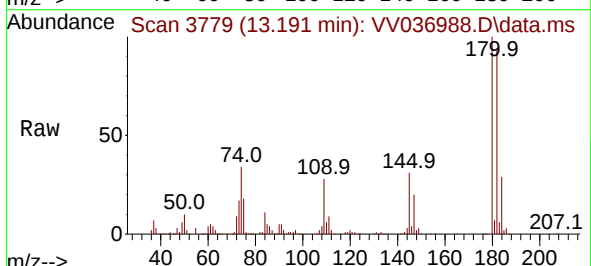
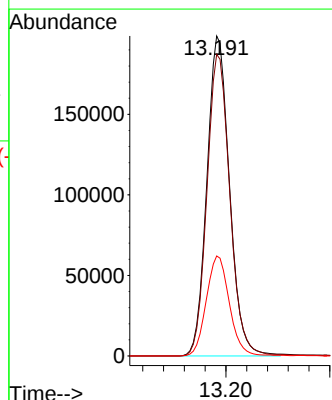
Tgt Ion:180 Resp: 300182

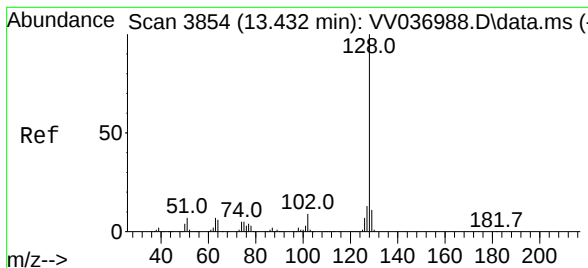
Ion Ratio Lower Upper

180 100

182 95.7 76.6 114.8

145 31.8 25.4 38.2





#71

Naphthalene

Concen: 25.499 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

Instrument :

MSVOA_V

ClientSampleId :

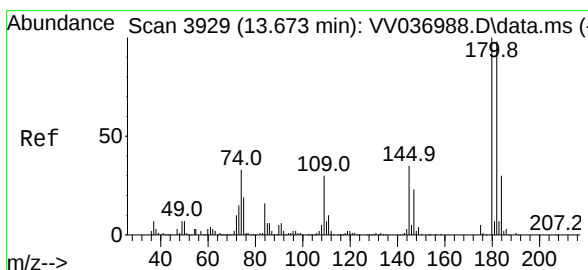
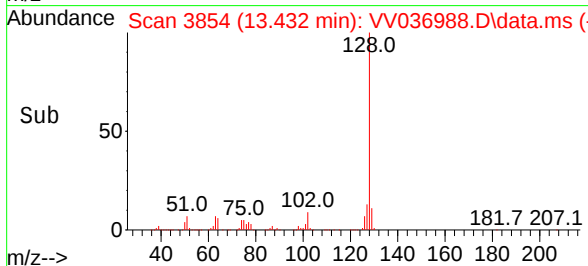
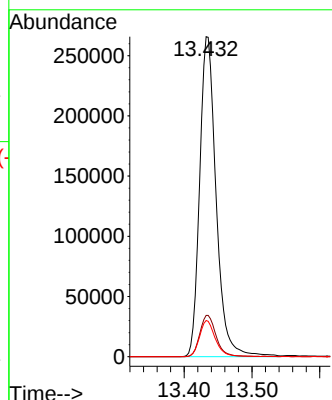
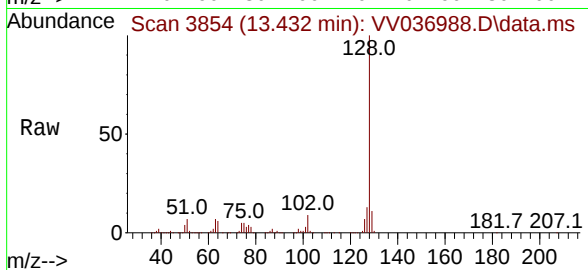
Tgt Ion:128 Resp: 448860

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 26.440 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV036988.D

Acq: 21 Aug 2024 11:14

Tgt Ion:180 Resp: 248855

Ion Ratio Lower Upper

180 100

182 96.7 77.4 116.0

145 34.9 27.9 41.9

