

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111124\
 Data File : VV038010.D
 Acq On : 11 Nov 2024 20:54
 Operator : SY/MD
 Sample : P4749-09MS
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 04:44:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 12 04:39:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	269541	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	287245	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	158618	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	78919	3.825	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.529	69	64773	3.852	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.053	65	35192	3.931	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	3.812	46	201539	52.412	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.820%
24) Chloroform-d	4.243	84	173354	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	4.940	65	81547	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	4.953	84	316890	4.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	5.985	67	94233	4.356	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.236	98	309439	4.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.551	79	35544	4.249	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.024	63	175893	54.111	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.220%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	89656	5.141	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	117254	4.482	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	131927	4.903	ug/L	99
3) Chloromethane	1.214	50	128006	5.056	ug/L	99
5) Vinyl chloride	1.281	62	131338	5.213	ug/L	98
6) Bromomethane	1.487	94	72381	5.078	ug/L	97
8) Chloroethane	1.548	64	82142	5.480	ug/L	96
9) Trichlorofluoromethane	1.709	101	183829	5.252	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	101408	5.062	ug/L	97
12) 1,1-Dichloroethene	2.066	96	98528	5.352	ug/L	86
13) Acetone	2.146	43	201315	73.753	ug/L	96
14) Carbon disulfide	2.236	76	300323	4.808	ug/L	98
15) Methyl Acetate	2.387	43	37310	5.775	ug/L	96
16) Methylene chloride	2.442	84	115578	5.377	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	241130	5.857	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	107091	5.385	ug/L	96
19) 1,1-Dichloroethane	3.104	63	196403	5.436	ug/L	98
21) 2-Butanone	3.889	43	260190	64.139	ug/L	96
22) cis-1,2-Dichloroethene	3.809	96	176022	8.400	ug/L	99
23) Bromochloromethane	4.143	128	54519	5.762	ug/L	92
25) Chloroform	4.268	83	244915	6.453	ug/L	99

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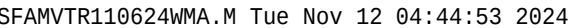
Instrument :
 MSVOA_V
 ClientSampleId :

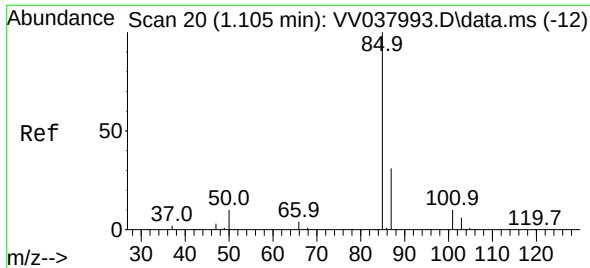
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	127162	6.047	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	180659	5.261	ug/L	99
30) Cyclohexane	4.574	56	145705	4.782	ug/L	99
31) Carbon tetrachloride	4.725	117	153141	5.082	ug/L	100
33) Benzene	5.001	78	431850	5.471	ug/L	100
34) Trichloroethene	5.828	95	130769	5.983	ug/L	97
35) Methylcyclohexane	6.040	83	149941	4.602	ug/L	99
37) 1,2-Dichloropropane	6.085	63	106875	5.417	ug/L	99
38) Bromodichloromethane	6.426	83	137393	5.249	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	139685	4.901	ug/L	98
40) 4-Methyl-2-pentanone	7.152	43	661845	66.665	ug/L	99
42) Toluene	7.310	91	466955	5.591	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	124961	5.317	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	90602	6.067	ug/L	98
47) Tetrachloroethene	7.898	164	89545	5.270	ug/L	97
48) 2-Hexanone	8.072	43	476768	67.890	ug/L	99
49) Dibromochloromethane	8.169	129	88363	5.176	ug/L	96
50) 1,2-Dibromoethane	8.278	107	83912	6.021	ug/L	97
51) Chlorobenzene	8.808	112	302920	5.303	ug/L	98
52) Ethylbenzene	8.940	91	475924	5.291	ug/L	100
53) m,p-Xylene	9.066	106	185807	5.414	ug/L	96
54) o-Xylene	9.471	106	185224	5.671	ug/L	98
55) Styrene	9.490	104	315531	5.610	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	111344	6.423	ug/L	97
59) Bromoform	9.660	173	44760	4.843	ug/L	100
60) Isopropylbenzene	9.860	105	480265	5.196	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	75255	6.067	ug/L	99
62) 1,3,5-Trimethylbenzene	10.467	105	363618	5.003	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	368332	5.137	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	243880	5.211	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	257722	5.333	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	233407	5.393	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	15827	5.878	ug/L	90
69) 1,3,5-Trichlorobenzene	12.577	180	163944	4.963	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	139725	5.387	ug/L	99
71) Naphthalene	13.435	128	211794	5.754	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	128458	5.745	ug/L	99

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

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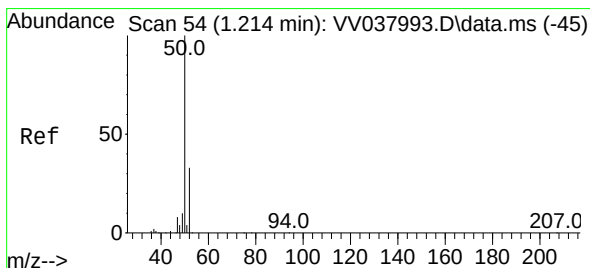
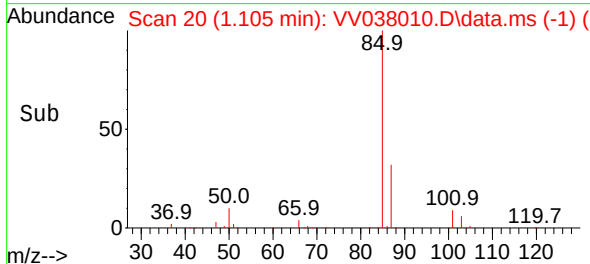
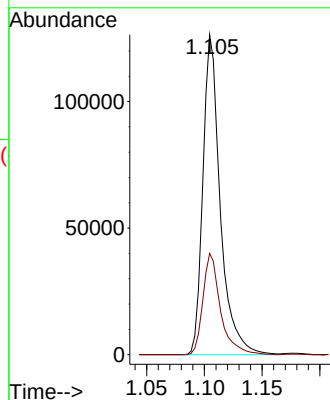
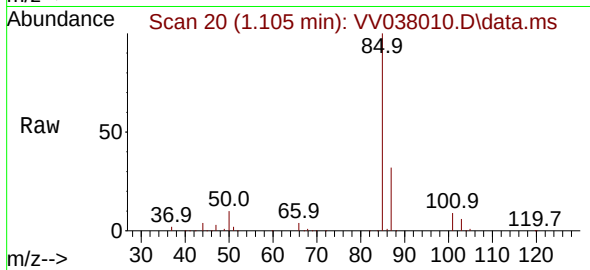




#2
 Dichlorodifluoromethane
 Concen: 4.903 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038010.D
 Acq: 11 Nov 2024 20:54

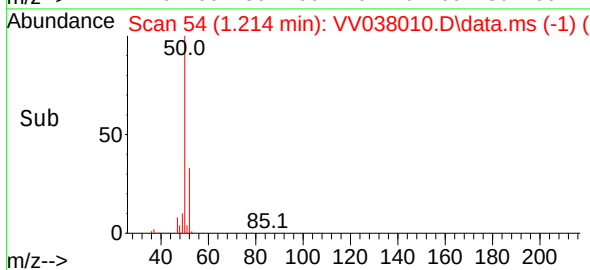
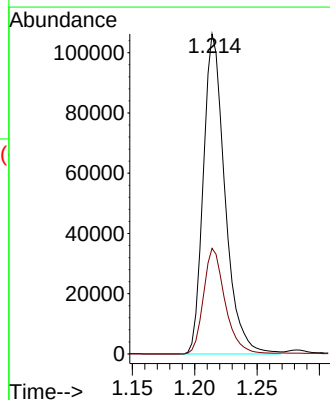
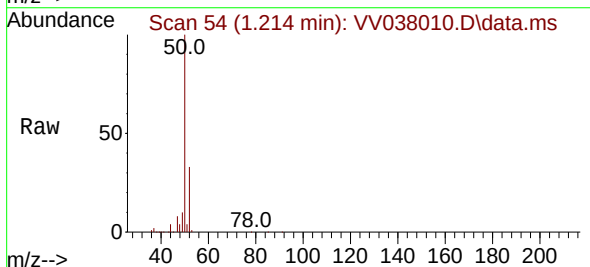
Instrument :
 MSVOA_V
 ClientSampleId :

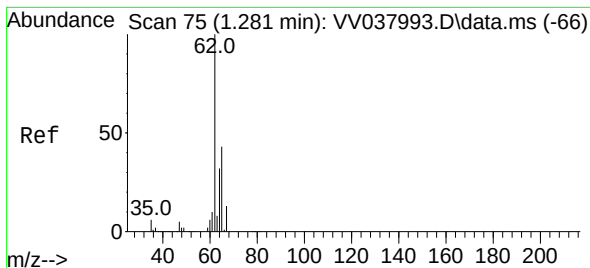
Tgt Ion: 85 Resp: 131927
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.4 38.0



#3
 Chloromethane
 Concen: 5.056 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV038010.D
 Acq: 11 Nov 2024 20:54

Tgt Ion: 50 Resp: 128006
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.4 43.4





#5

Vinyl chloride

Concen: 5.213 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.000 min

Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

Instrument :

MSVOA_V

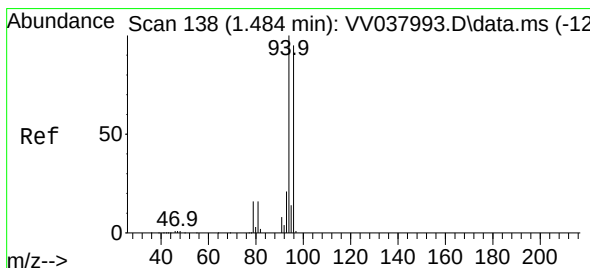
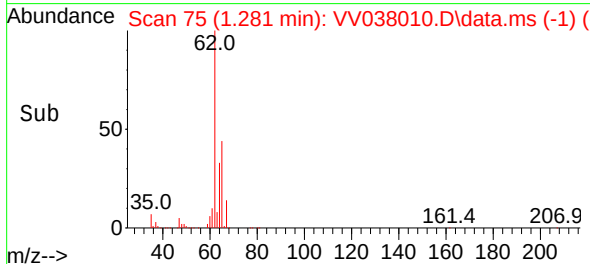
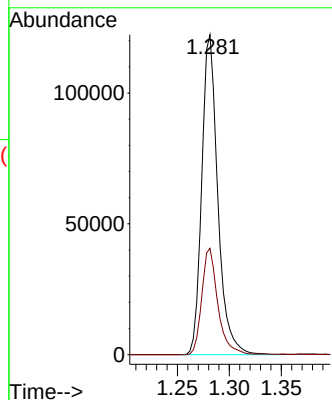
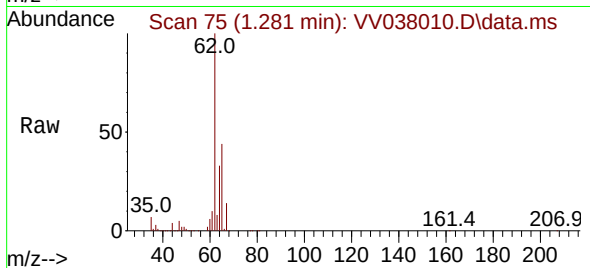
ClientSampleId :

Tgt Ion: 62 Resp: 131338

Ion Ratio Lower Upper

62 100

64 33.2 22.4 41.6



#6

Bromomethane

Concen: 5.078 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.003 min

Lab File: VV038010.D

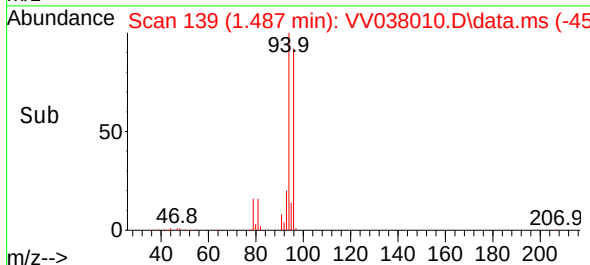
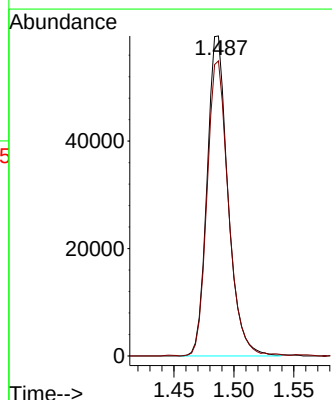
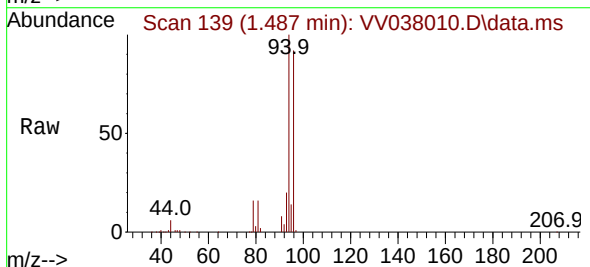
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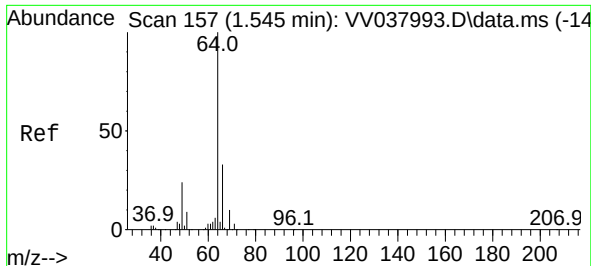
Tgt Ion: 94 Resp: 72381

Ion Ratio Lower Upper

94 100

96 92.2 66.3 123.1





#8

Chloroethane

Concen: 5.480 ug/L

RT: 1.548 min Scan# 157

Delta R.T. 0.003 min

Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

Instrument :

MSVOA_V

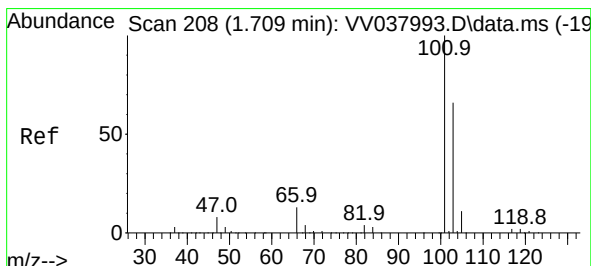
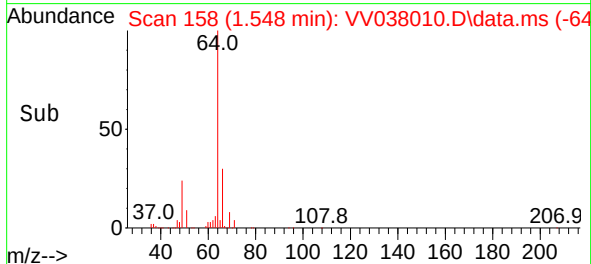
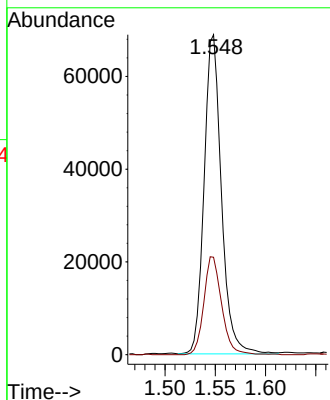
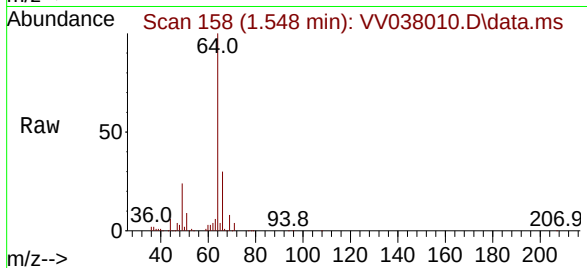
ClientSampleId :

Tgt Ion: 64 Resp: 82142

Ion Ratio Lower Upper

64 100

66 30.4 23.0 42.8



#9

Trichlorofluoromethane

Concen: 5.252 ug/L

RT: 1.709 min Scan# 208

Delta R.T. -0.000 min

Lab File: VV038010.D

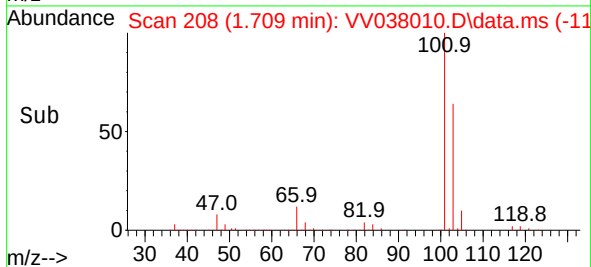
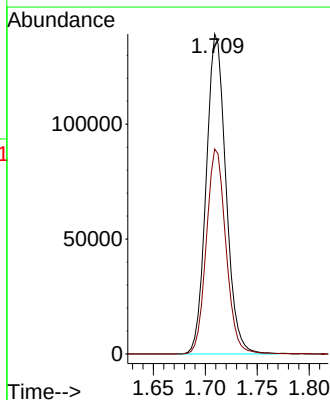
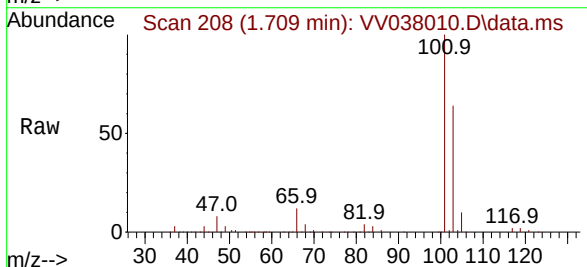
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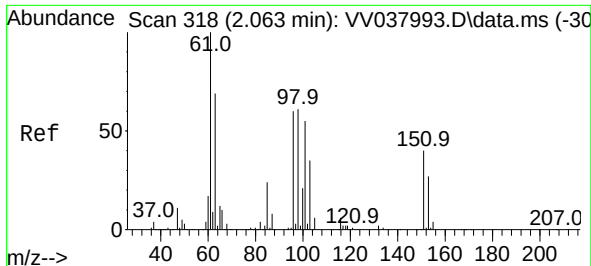
Tgt Ion:101 Resp: 183829

Ion Ratio Lower Upper

101 100

103 63.5 51.7 77.5

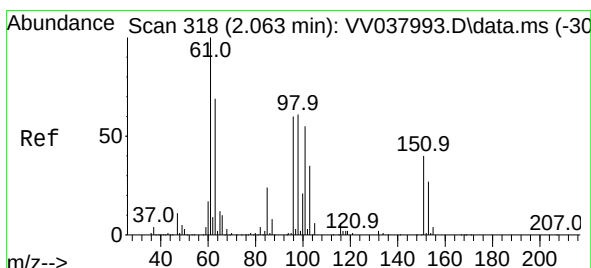
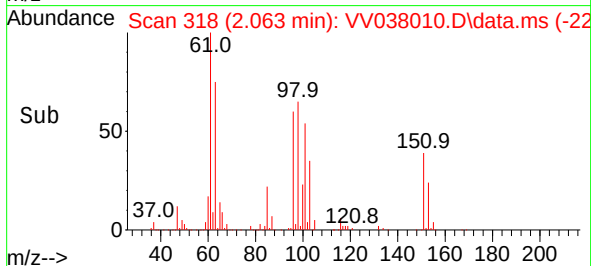
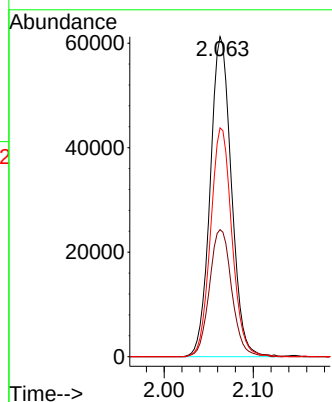
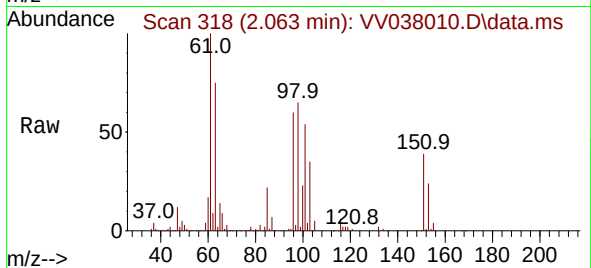




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.062 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038010.D
 Acq: 11 Nov 2024 20:54

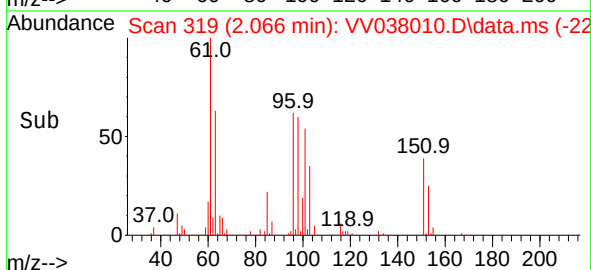
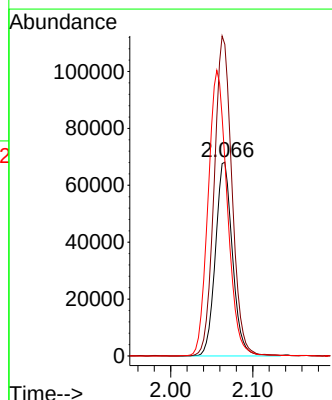
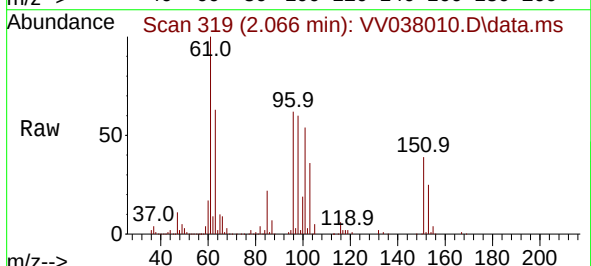
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 ClientSampleId :

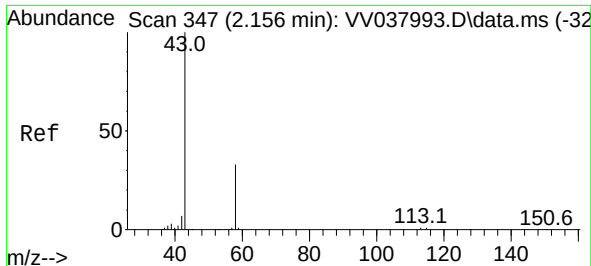
Tgt Ion:101 Resp: 101408
 Ion Ratio Lower Upper
 101 100
 85 41.7 35.0 52.6
 151 72.1 59.2 88.8



#12
 1,1-Dichloroethene
 Concen: 5.352 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.003 min
 Lab File: VV038010.D
 Acq: 11 Nov 2024 20:54

Tgt Ion: 96 Resp: 98528
 Ion Ratio Lower Upper
 96 100
 61 160.8 117.4 218.0
 63 101.1 91.7 170.3





#13

Acetone

Concen: 73.753 ug/L

RT: 2.146 min Scan# 347

Delta R.T. -0.010 min

Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

Instrument :

MSVOA_V

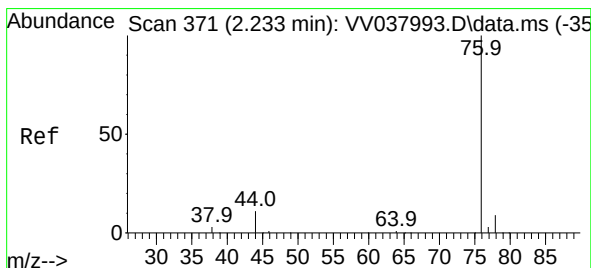
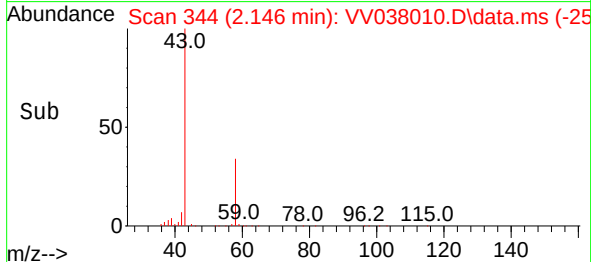
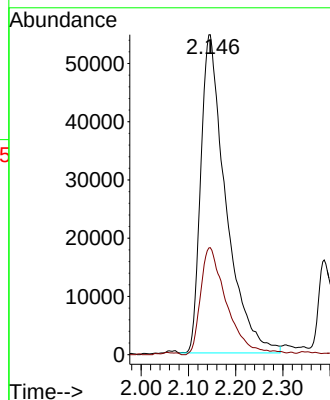
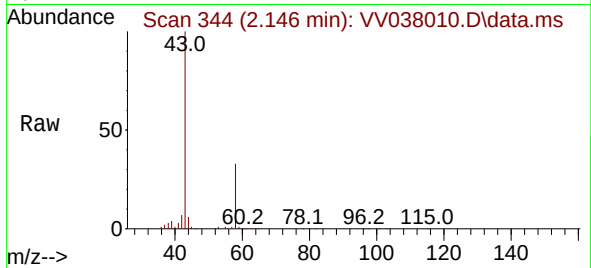
ClientSampleId :

Tgt Ion: 43 Resp: 201315

Ion Ratio Lower Upper

43 100

58 34.6 0.0 64.6



#14

Carbon disulfide

Concen: 4.808 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV038010.D

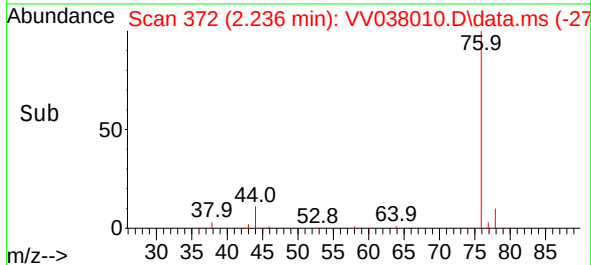
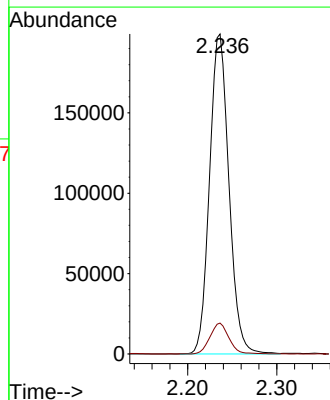
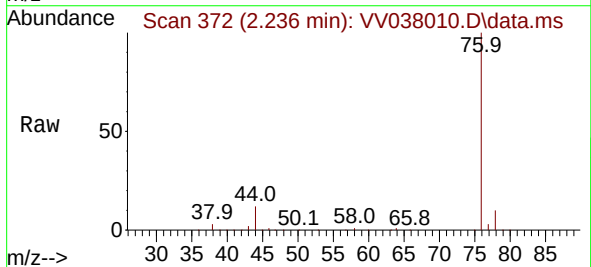
Acq: 11 Nov 2024 20:54

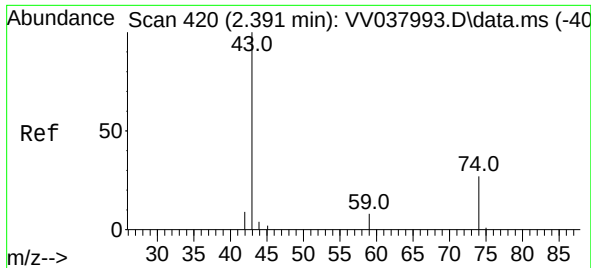
Tgt Ion: 76 Resp: 300323

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9

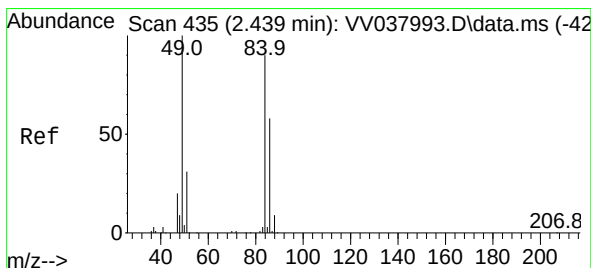
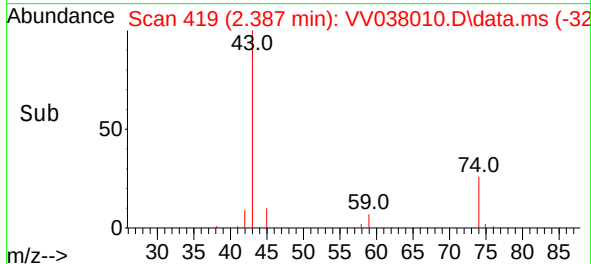
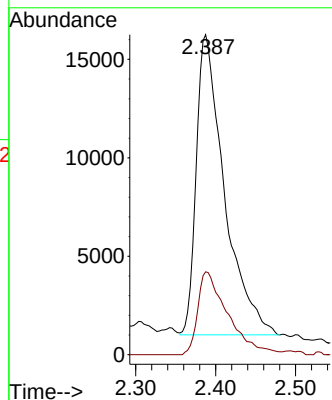
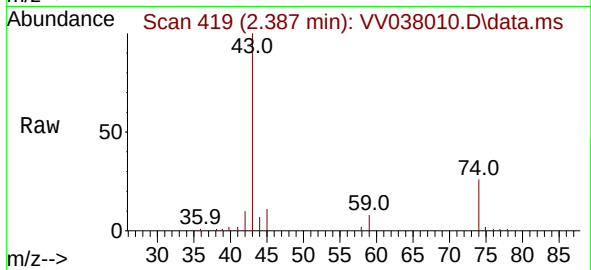




#15
Methyl Acetate
Concen: 5.775 ug/L
RT: 2.387 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV038010.D
Acq: 11 Nov 2024 20:54

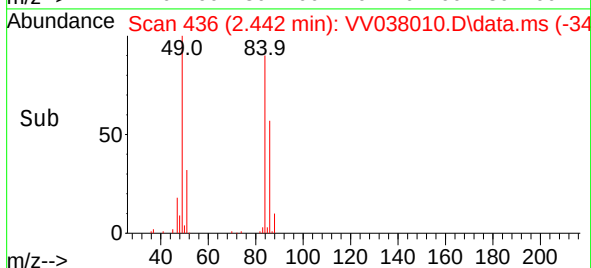
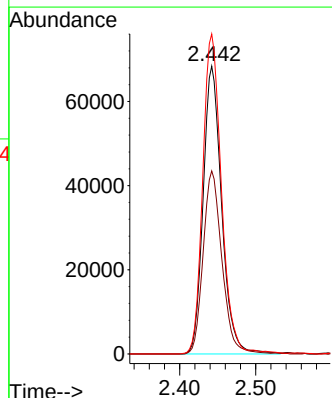
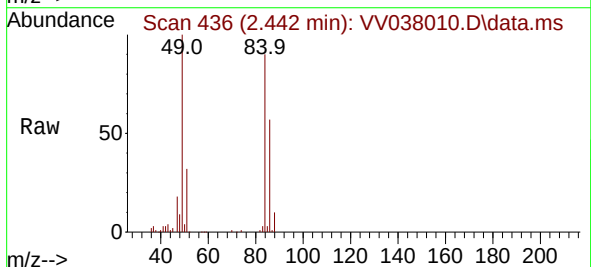
Instrument :
MSVOA_V
ClientSampleId :

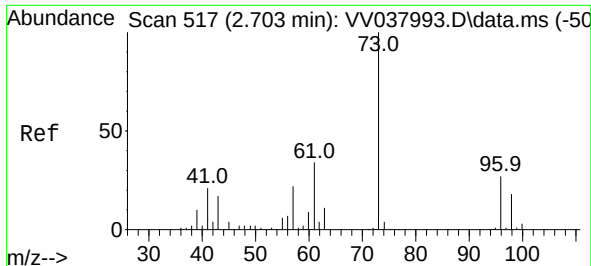
Tgt Ion: 43 Resp: 37310
Ion Ratio Lower Upper
43 100
74 29.5 21.8 32.8



#16
Methylene chloride
Concen: 5.377 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038010.D
Acq: 11 Nov 2024 20:54

Tgt Ion: 84 Resp: 115578
Ion Ratio Lower Upper
84 100
86 63.6 45.0 83.6
49 111.2 79.2 147.2





#17

Methyl tert-butyl Ether

Concen: 5.857 ug/L

RT: 2.699 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

Instrument :

MSVOA_V

ClientSampleId :

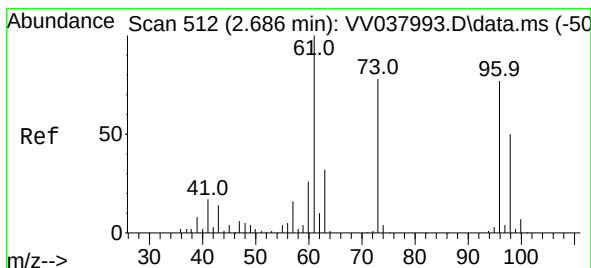
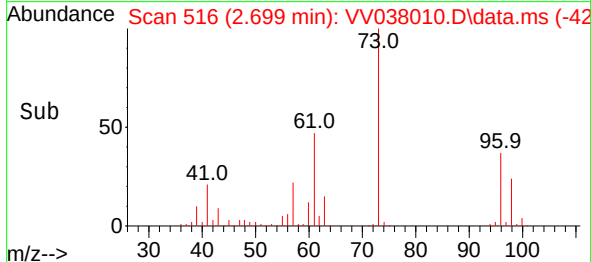
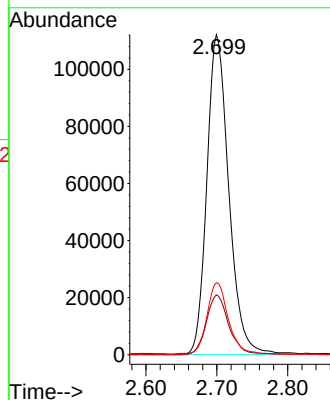
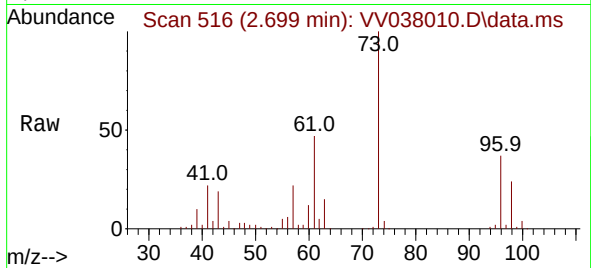
Tgt Ion: 73 Resp: 241130

Ion Ratio Lower Upper

73 100

43 18.7 14.4 21.6

57 22.3 17.8 26.6



#18

trans-1,2-Dichloroethene

Concen: 5.385 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.003 min

Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

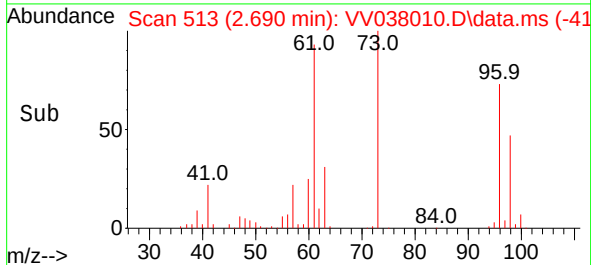
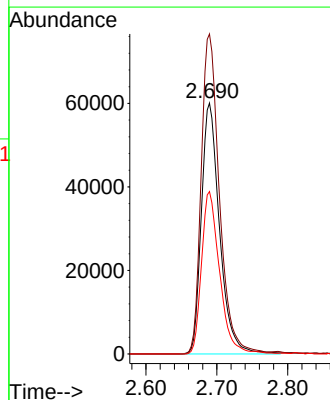
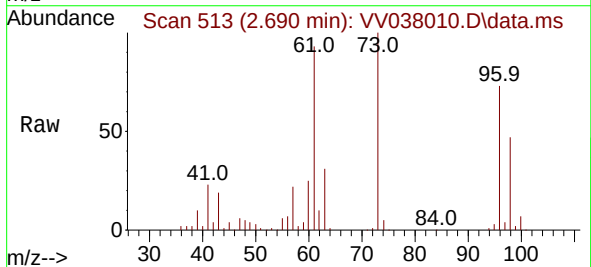
Tgt Ion: 96 Resp: 107091

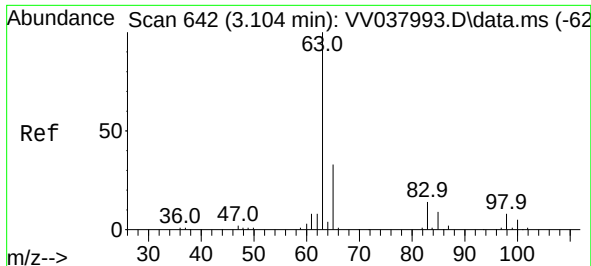
Ion Ratio Lower Upper

96 100

61 127.5 93.2 173.0

98 64.8 44.4 82.4

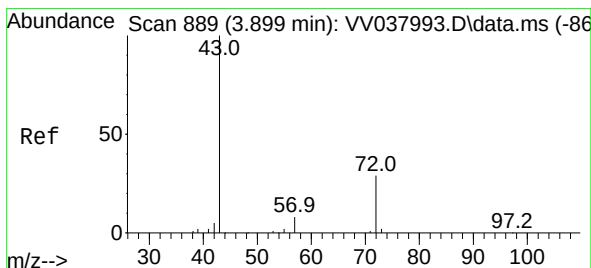
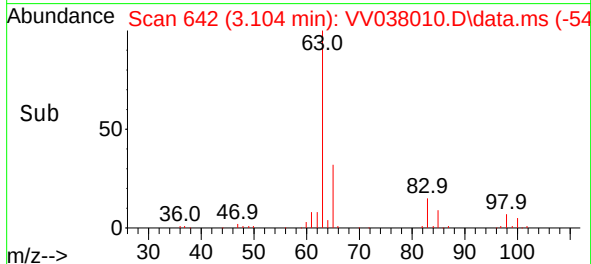
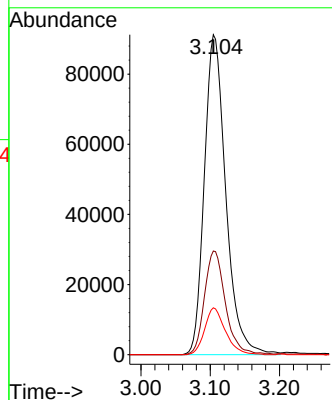
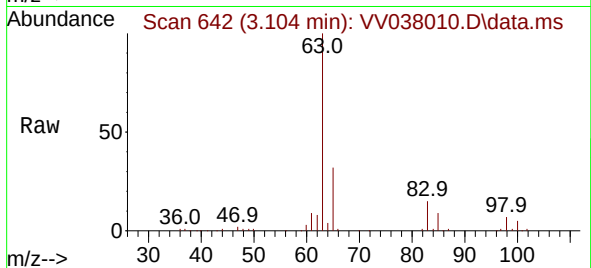




#19
1,1-Dichloroethane
Concen: 5.436 ug/L
RT: 3.104 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV038010.D
Acq: 11 Nov 2024 20:54

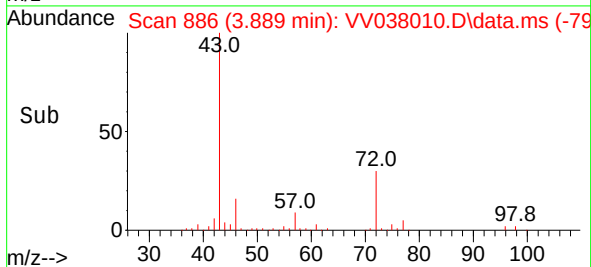
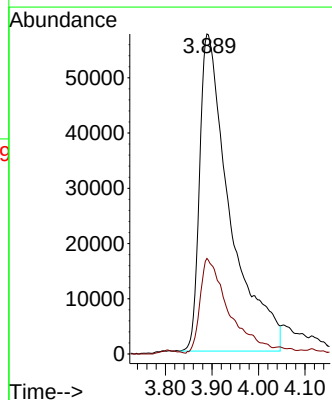
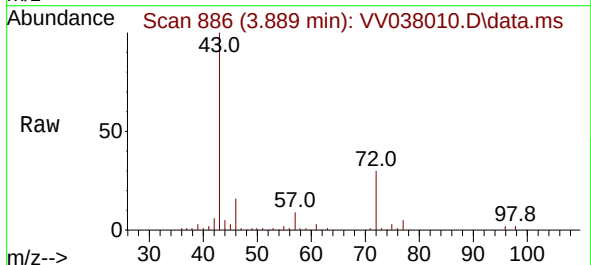
Instrument :
MSVOA_V
ClientSampleId :

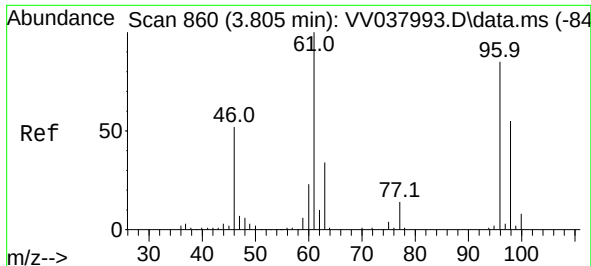
Tgt Ion: 63 Resp: 196403
Ion Ratio Lower Upper
63 100
65 32.4 22.3 41.3
83 14.6 9.5 17.7



#21
2-Butanone
Concen: 64.139 ug/L
RT: 3.889 min Scan# 886
Delta R.T. -0.010 min
Lab File: VV038010.D
Acq: 11 Nov 2024 20:54

Tgt Ion: 43 Resp: 260190
Ion Ratio Lower Upper
43 100
72 28.2 13.0 39.0

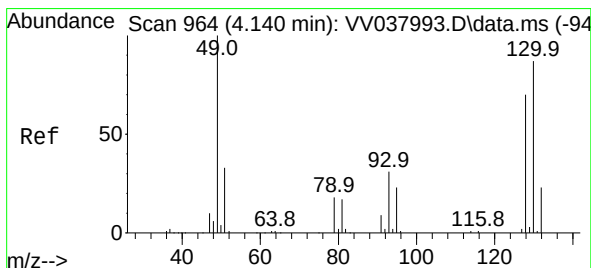
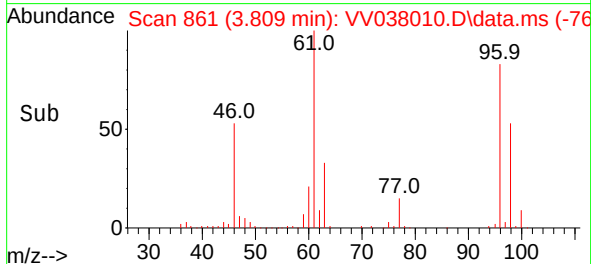
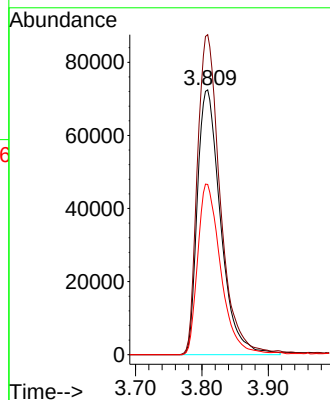
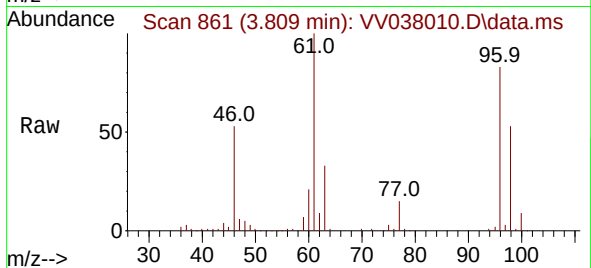




#22
 cis-1,2-Dichloroethene
 Concen: 8.400 ug/L
 RT: 3.809 min Scan# 860
 Delta R.T. 0.003 min
 Lab File: VV038010.D
 Acq: 11 Nov 2024 20:54

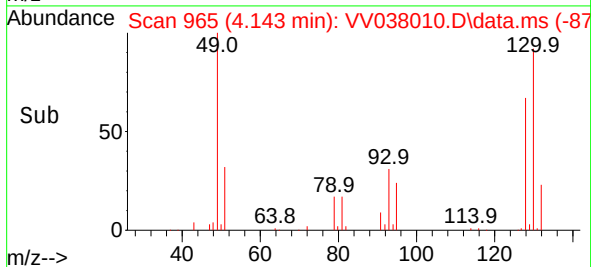
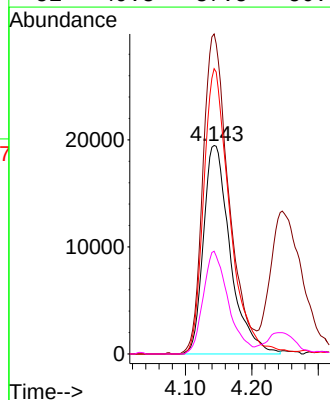
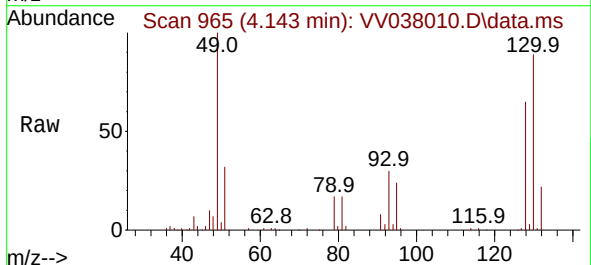
Instrument :
 MSVOA_V
 ClientSampleId :

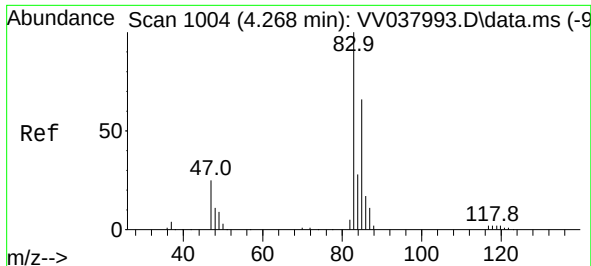
Tgt Ion: 96 Resp: 176022
 Ion Ratio Lower Upper
 96 100
 61 120.8 83.4 154.8
 98 64.3 44.6 82.8



#23
 Bromochloromethane
 Concen: 5.762 ug/L
 RT: 4.143 min Scan# 965
 Delta R.T. 0.003 min
 Lab File: VV038010.D
 Acq: 11 Nov 2024 20:54

Tgt Ion:128 Resp: 54519
 Ion Ratio Lower Upper
 128 100
 49 153.5 103.0 191.4
 130 136.8 85.9 159.5
 51 49.3 37.5 56.3





#25

Chloroform

Concen: 6.453 ug/L

RT: 4.268 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

Instrument :

MSVOA_V

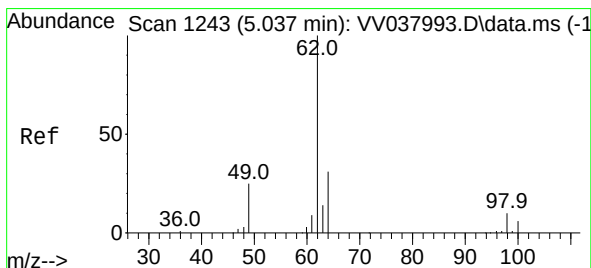
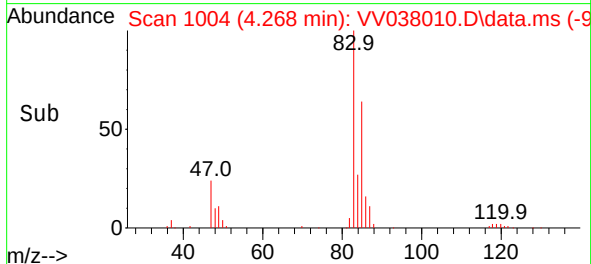
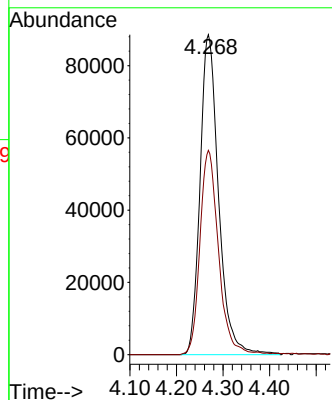
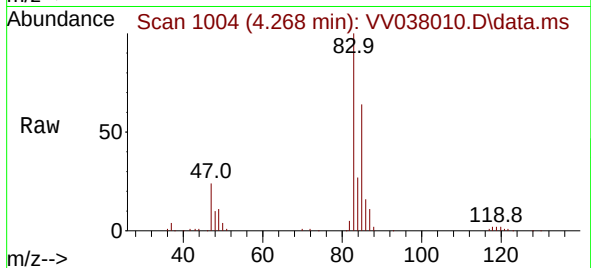
ClientSampleId :

Tgt Ion: 83 Resp: 244915

Ion Ratio Lower Upper

83 100

85 63.8 45.5 84.5



#27

1,2-Dichloroethane

Concen: 6.047 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV038010.D

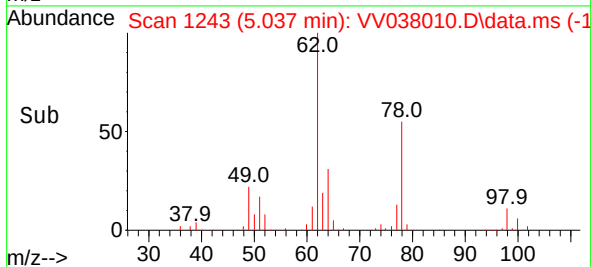
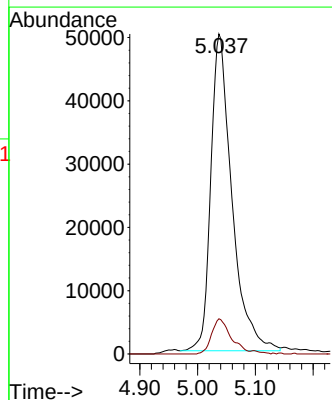
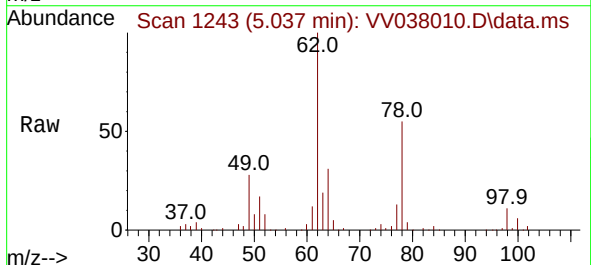
Acq: 11 Nov 2024 20:54

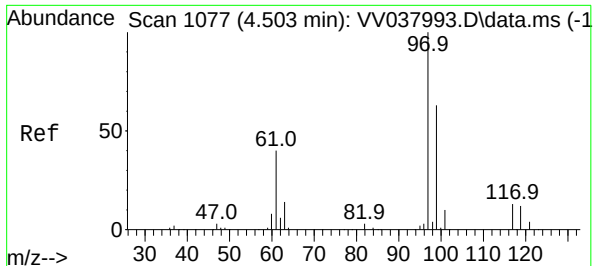
Tgt Ion: 62 Resp: 127162

Ion Ratio Lower Upper

62 100

98 11.0 8.1 12.1

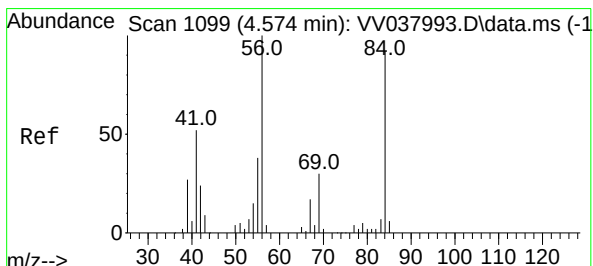
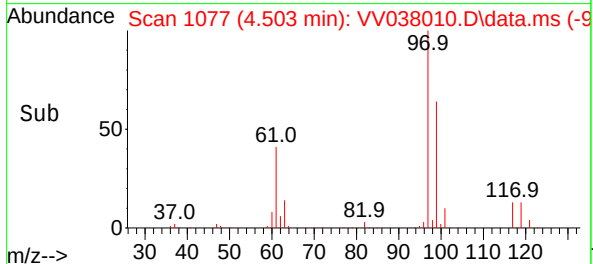
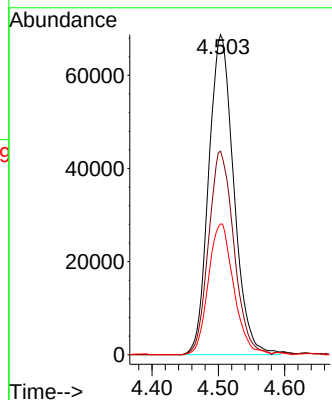
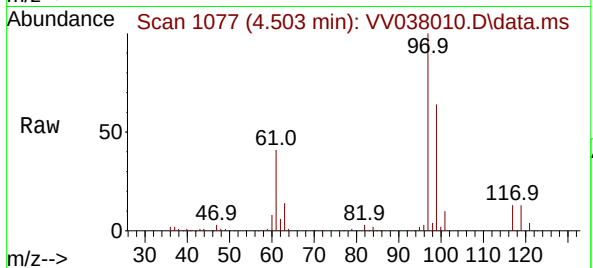




#29
1,1,1-Trichloroethane
Concen: 5.261 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VV038010.D
Acq: 11 Nov 2024 20:54

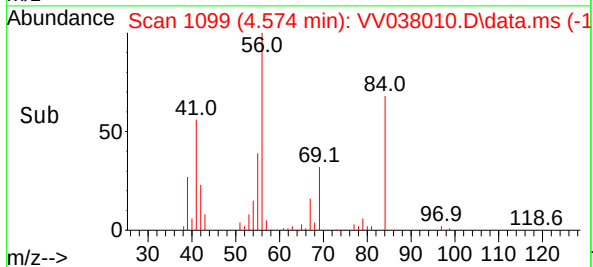
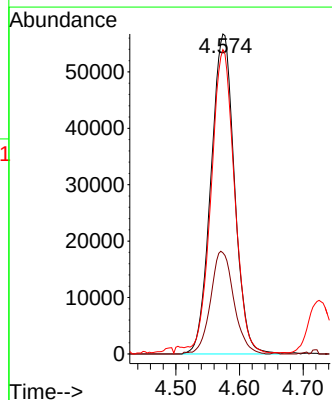
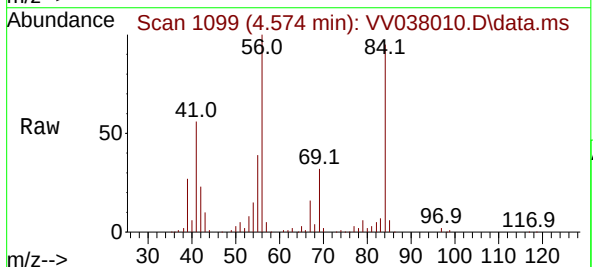
Instrument :
MSVOA_V
ClientSampleId :

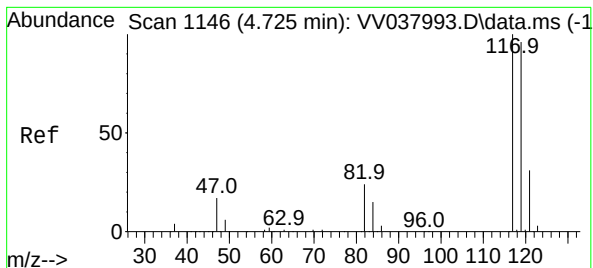
Tgt Ion: 97 Resp: 180659
Ion Ratio Lower Upper
97 100
99 64.2 52.1 78.1
61 41.3 33.3 49.9



#30
Cyclohexane
Concen: 4.782 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. -0.000 min
Lab File: VV038010.D
Acq: 11 Nov 2024 20:54

Tgt Ion: 56 Resp: 145705
Ion Ratio Lower Upper
56 100
69 31.6 25.5 38.3
84 93.4 75.2 112.8





#31

Carbon tetrachloride

Concen: 5.082 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

Instrument :

MSVOA_V

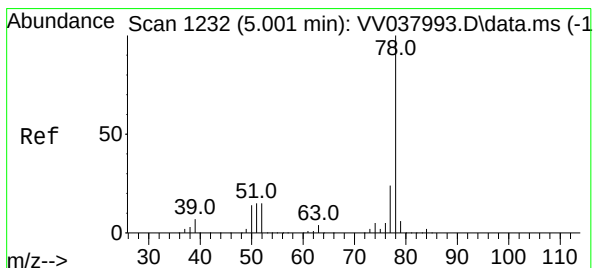
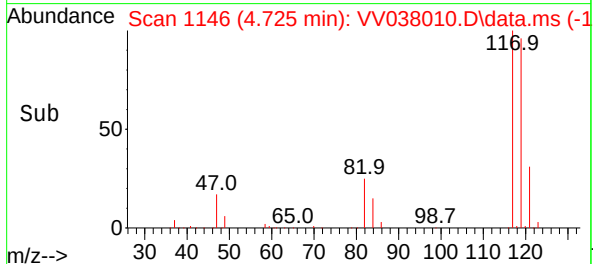
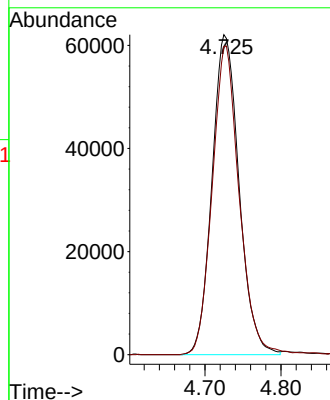
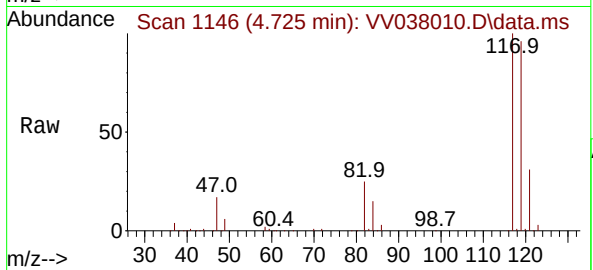
ClientSampleId :

Tgt Ion:117 Resp: 153141

Ion Ratio Lower Upper

117 100

119 96.5 77.2 115.8



#33

Benzene

Concen: 5.471 ug/L

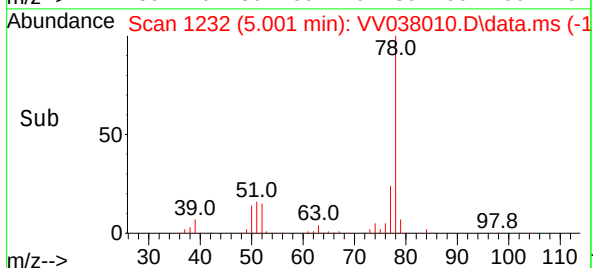
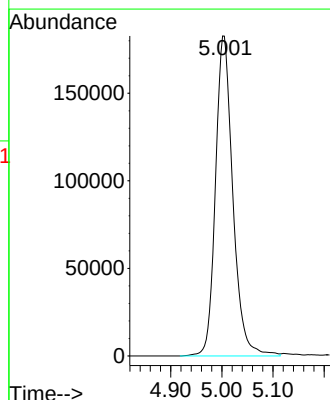
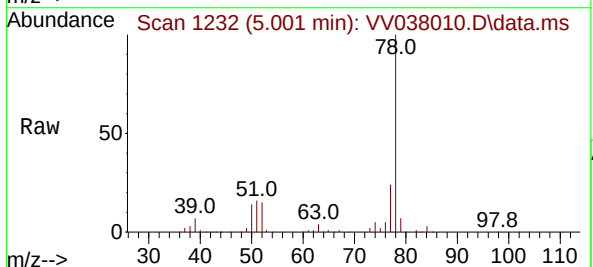
RT: 5.001 min Scan# 1232

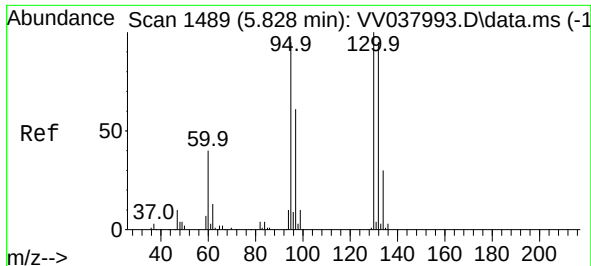
Delta R.T. -0.000 min

Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

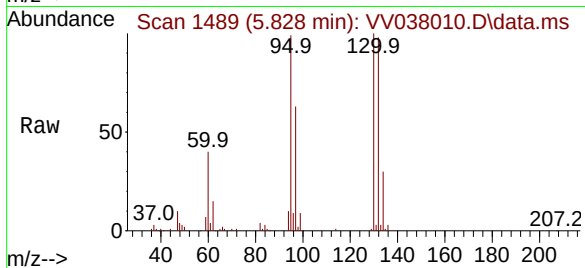
Tgt Ion: 78 Resp: 431850



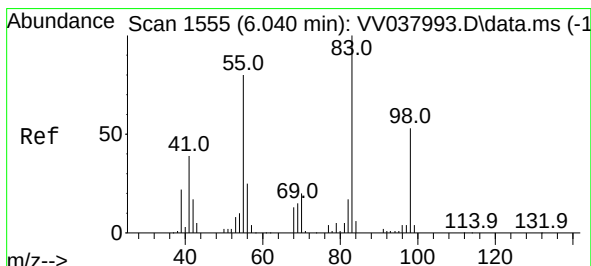
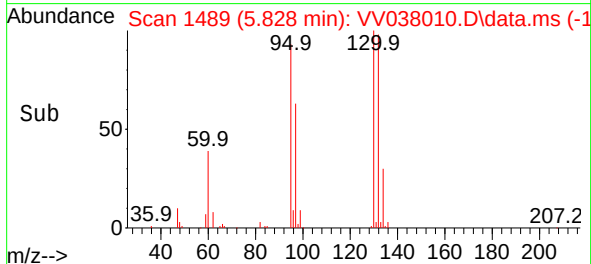
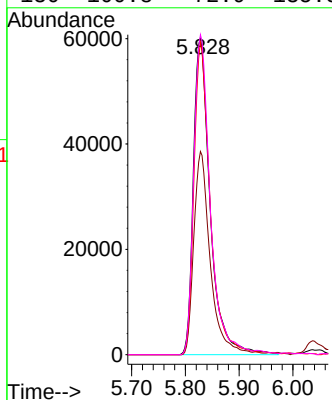


#34
Trichloroethene
Concen: 5.983 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV038010.D
Acq: 11 Nov 2024 20:54

Instrument :
MSVOA_V
ClientSampleId :

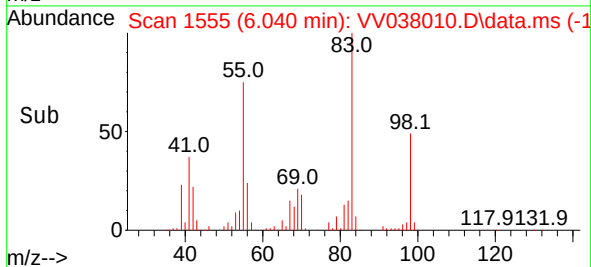
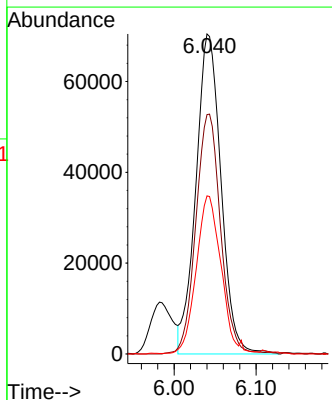
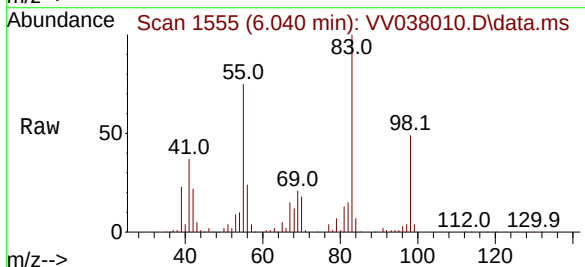


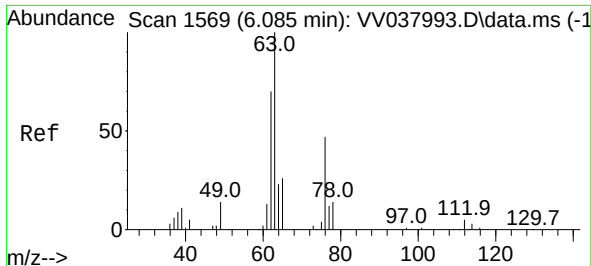
Tgt Ion: 95 Resp: 130769
Ion Ratio Lower Upper
95 100
97 64.0 46.9 87.1
132 98.5 70.5 130.9
130 100.8 72.9 135.3



#35
Methylcyclohexane
Concen: 4.602 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VV038010.D
Acq: 11 Nov 2024 20:54

Tgt Ion: 83 Resp: 149941
Ion Ratio Lower Upper
83 100
55 73.7 59.3 88.9
98 48.5 38.3 57.5

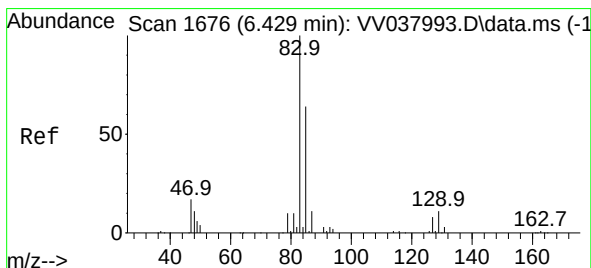
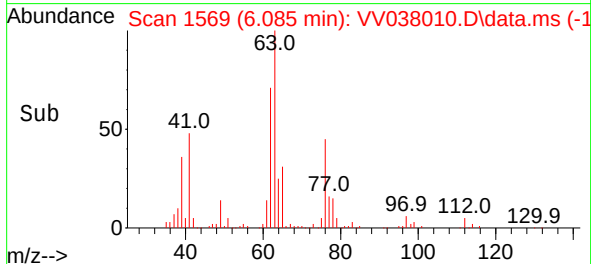
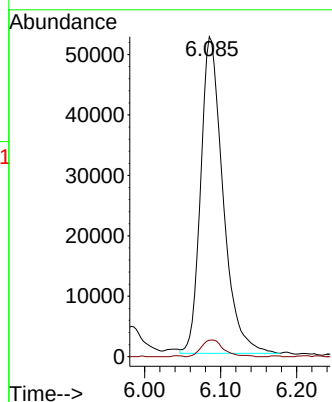
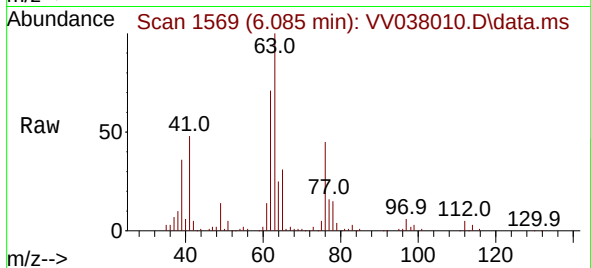




#37
1,2-Dichloropropane
Concen: 5.417 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VV038010.D
Acq: 11 Nov 2024 20:54

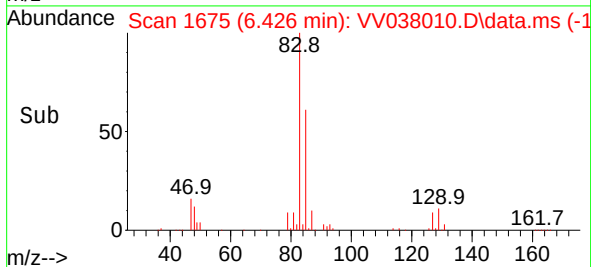
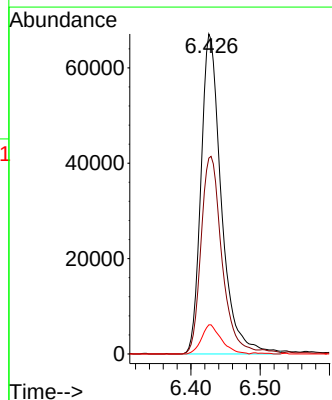
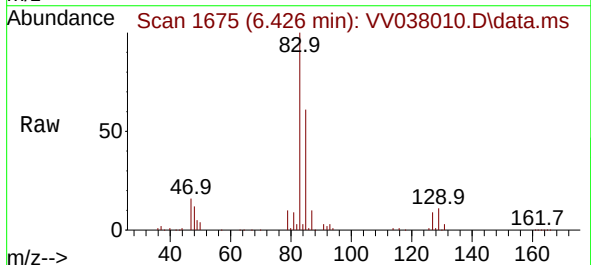
Instrument :
MSVOA_V
ClientSampleId :

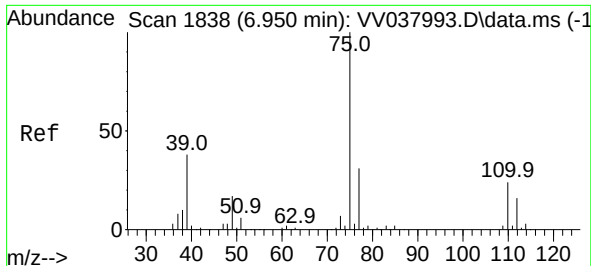
Tgt Ion: 63 Resp: 106875
Ion Ratio Lower Upper
63 100
112 5.3 4.1 6.1



#38
Bromodichloromethane
Concen: 5.249 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV038010.D
Acq: 11 Nov 2024 20:54

Tgt Ion: 83 Resp: 137393
Ion Ratio Lower Upper
83 100
85 61.2 44.2 82.2
127 9.1 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.901 ug/L

RT: 6.950 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

Instrument :

MSVOA_V

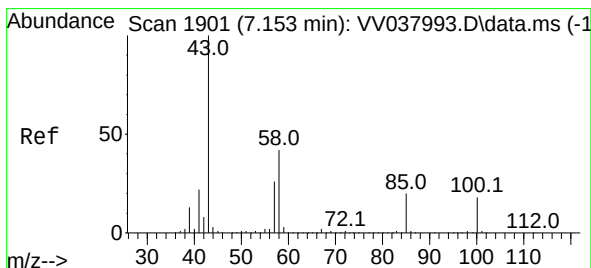
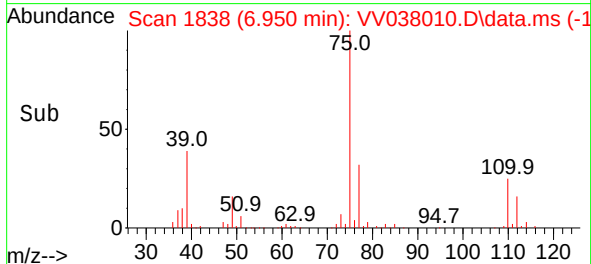
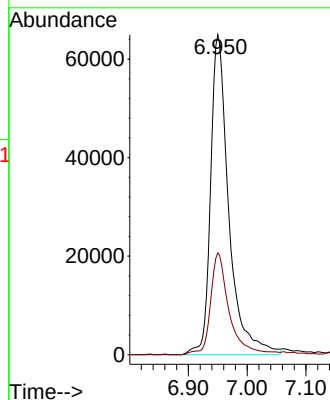
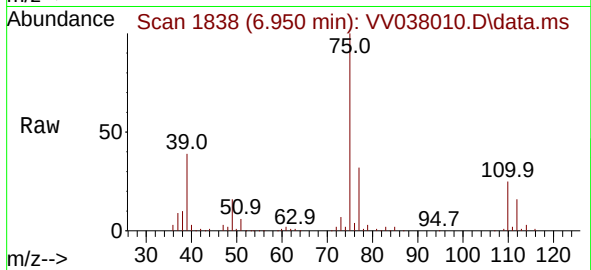
ClientSampleId :

Tgt Ion: 75 Resp: 139685

Ion Ratio Lower Upper

75 100

77 31.8 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 66.665 ug/L

RT: 7.152 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

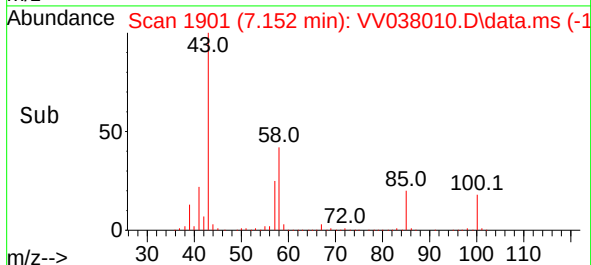
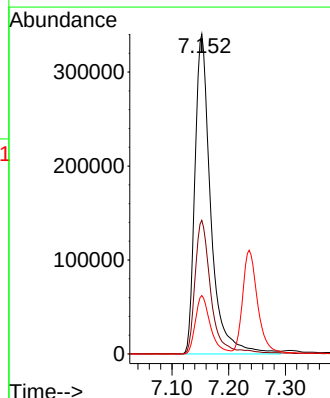
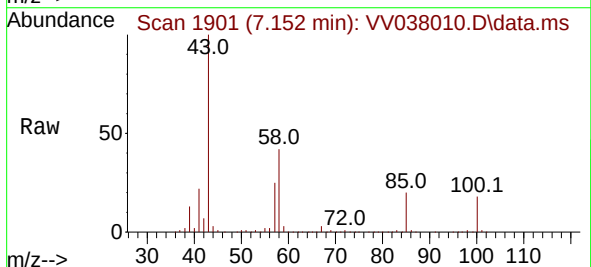
Tgt Ion: 43 Resp: 661845

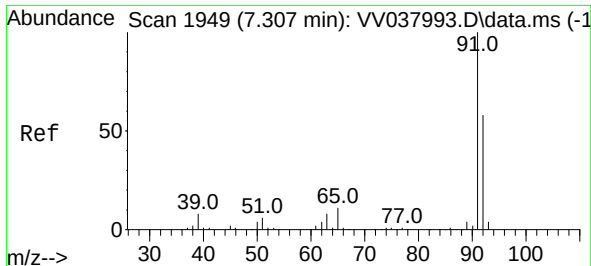
Ion Ratio Lower Upper

43 100

58 42.1 32.6 49.0

100 17.3 13.8 20.8





#42

Toluene

Concen: 5.591 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

Instrument :

MSVOA_V

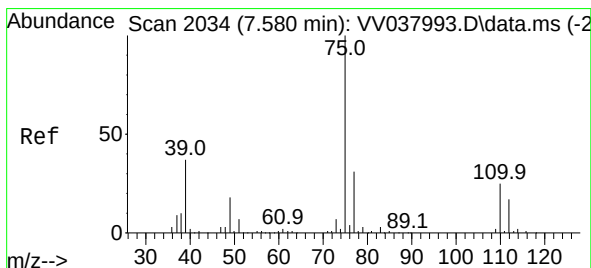
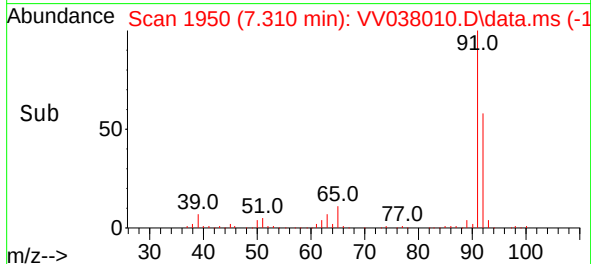
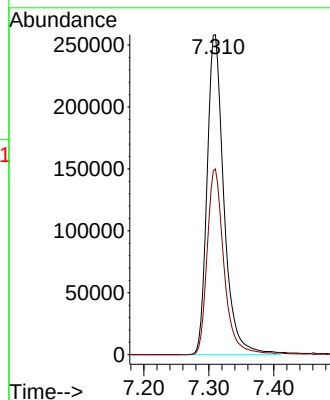
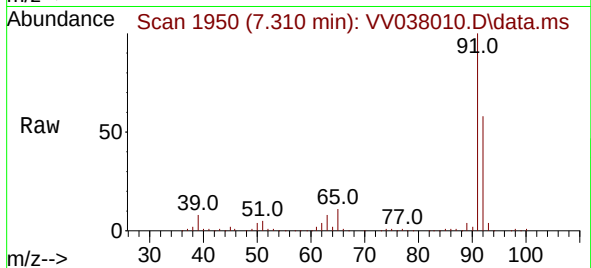
ClientSampleId :

Tgt Ion: 91 Resp: 466955

Ion Ratio Lower Upper

91 100

92 58.0 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.317 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV038010.D

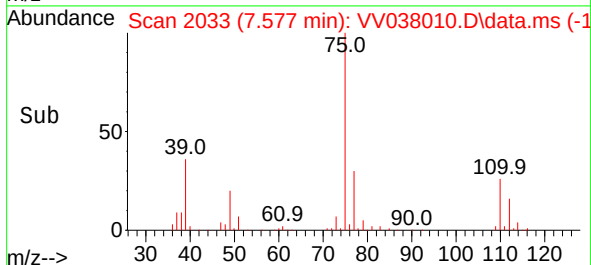
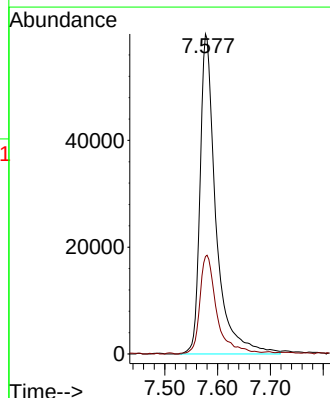
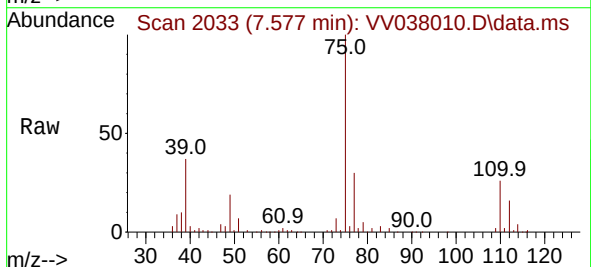
Acq: 11 Nov 2024 20:54

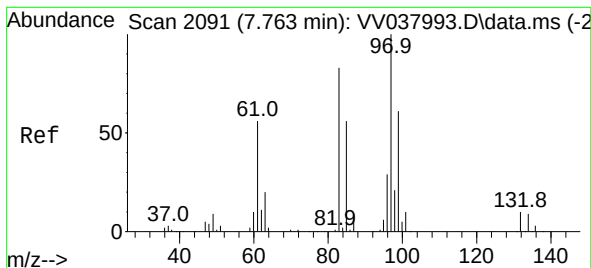
Tgt Ion: 75 Resp: 124961

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 6.067 ug/L

RT: 7.763 min Scan# 2091

Delta R.T. -0.000 min

Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 90602

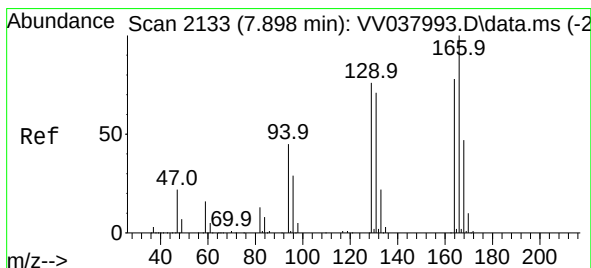
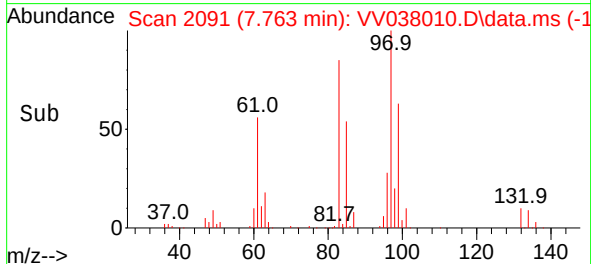
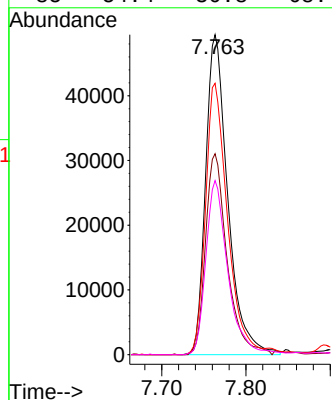
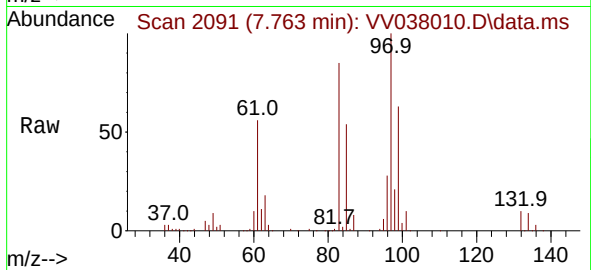
Ion Ratio Lower Upper

97 100

99 62.8 42.4 78.8

83 84.8 59.3 110.1

85 54.4 36.8 68.4



#47

Tetrachloroethene

Concen: 5.270 ug/L

RT: 7.898 min Scan# 2133

Delta R.T. -0.000 min

Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

Tgt Ion:164 Resp: 89545

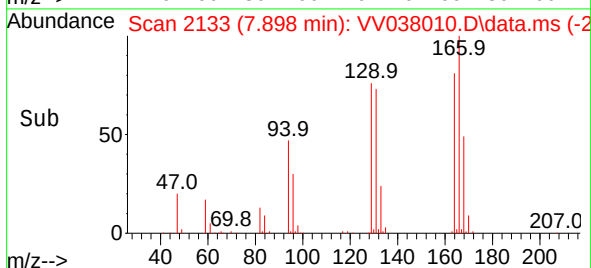
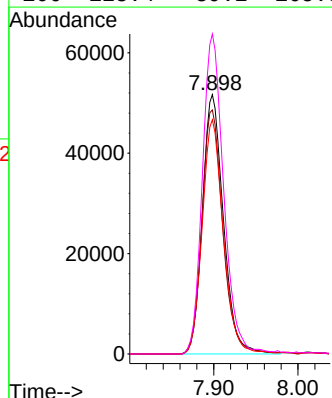
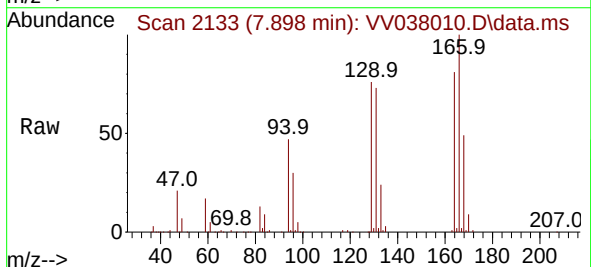
Ion Ratio Lower Upper

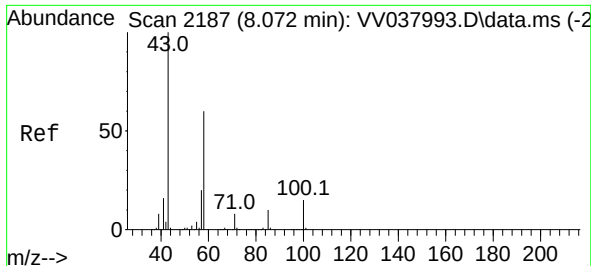
164 100

129 94.1 66.8 124.2

131 90.3 65.2 121.2

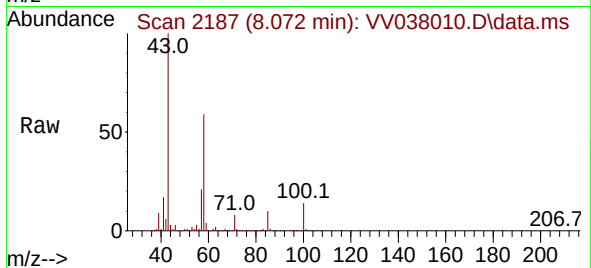
166 123.4 89.2 165.8



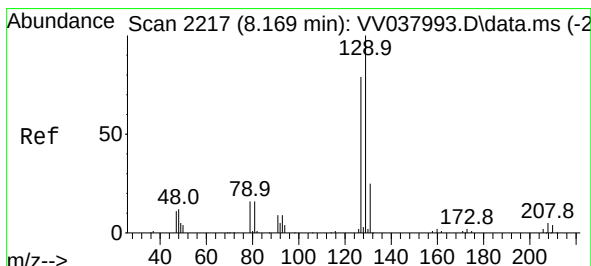
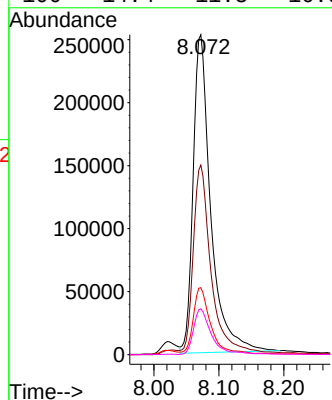
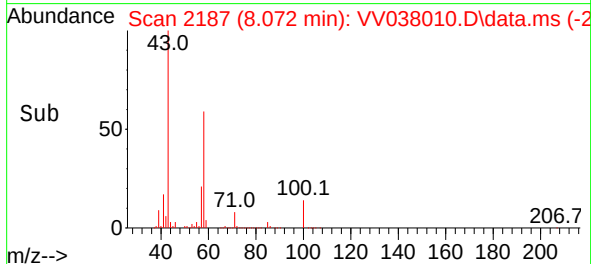


#48
2-Hexanone
Concen: 67.890 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV038010.D
Acq: 11 Nov 2024 20:54

Instrument :
MSVOA_V
ClientSampleId :

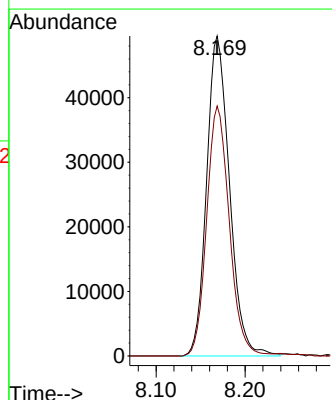
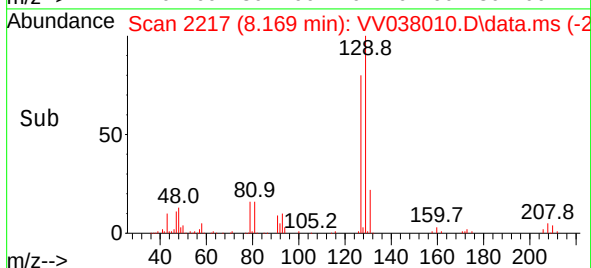
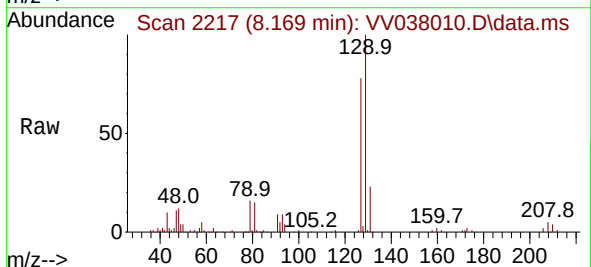


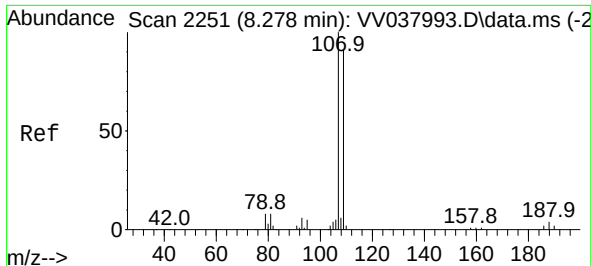
Tgt Ion: 43 Resp: 476768
Ion Ratio Lower Upper
43 100
58 59.8 48.5 72.7
57 20.2 16.3 24.5
100 14.4 11.3 16.9



#49
Dibromochloromethane
Concen: 5.176 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV038010.D
Acq: 11 Nov 2024 20:54

Tgt Ion: 129 Resp: 88363
Ion Ratio Lower Upper
129 100
127 78.1 52.2 97.0

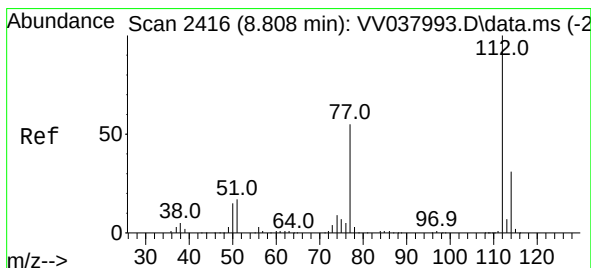
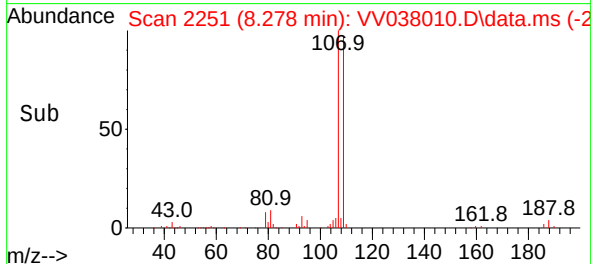
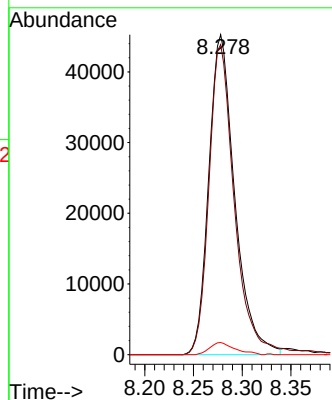
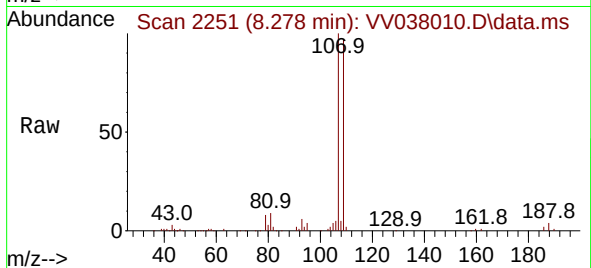




#50
1,2-Dibromoethane
Concen: 6.021 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038010.D
Acq: 11 Nov 2024 20:54

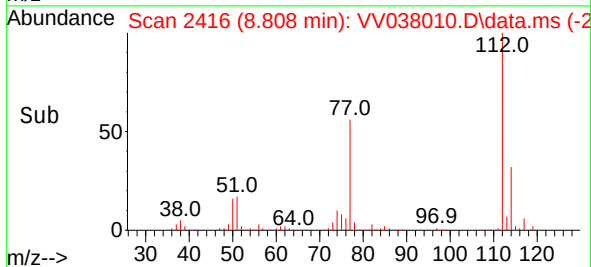
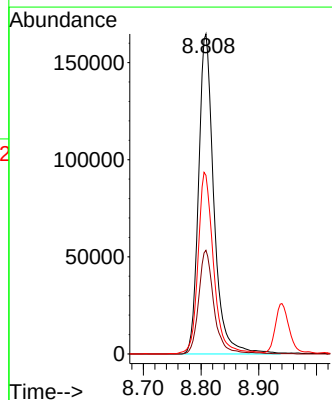
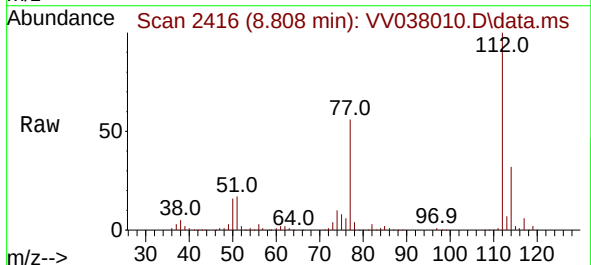
Instrument :
MSVOA_V
ClientSampleId :

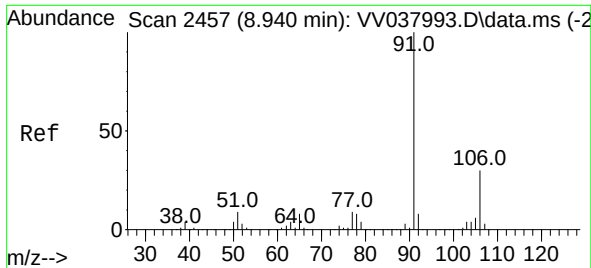
Tgt Ion:107 Resp: 83912
Ion Ratio Lower Upper
107 100
109 96.9 65.8 122.2
188 3.8 3.0 4.6



#51
Chlorobenzene
Concen: 5.303 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV038010.D
Acq: 11 Nov 2024 20:54

Tgt Ion:112 Resp: 302920
Ion Ratio Lower Upper
112 100
114 32.4 23.0 42.6
77 55.8 45.9 68.9





#52

Ethylbenzene

Concen: 5.291 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. -0.000 min

Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

Instrument :

MSVOA_V

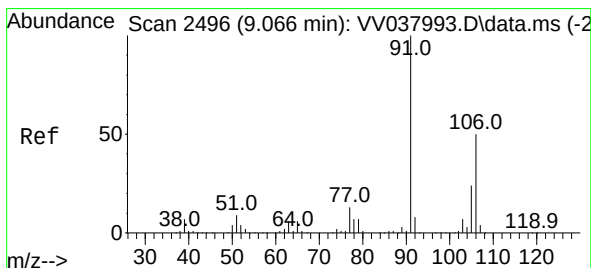
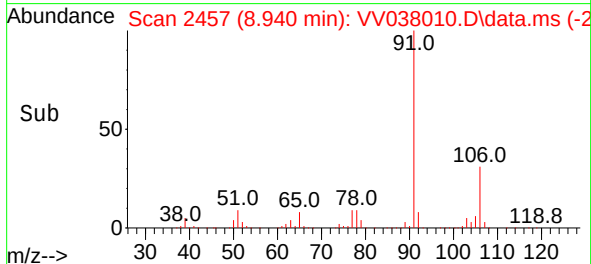
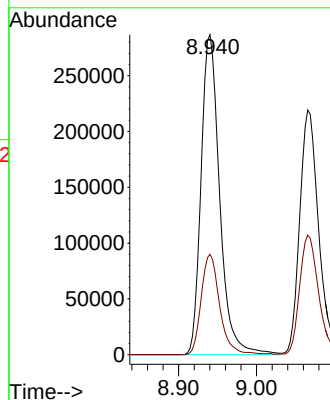
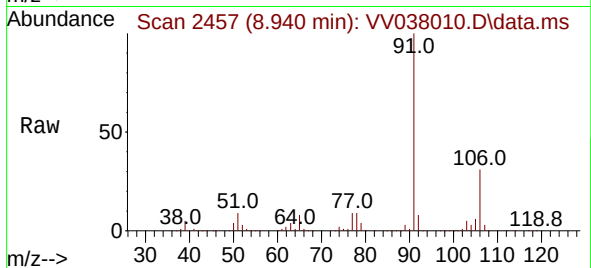
ClientSampleId :

Tgt Ion: 91 Resp: 475924

Ion Ratio Lower Upper

91 100

106 31.3 21.8 40.4



#53

m,p-Xylene

Concen: 5.414 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.000 min

Lab File: VV038010.D

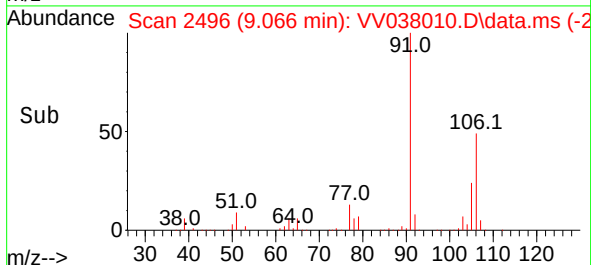
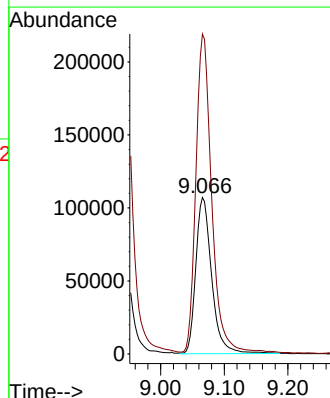
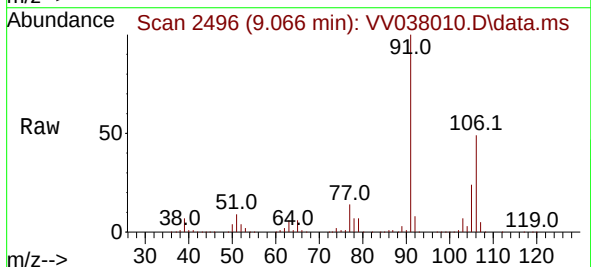
Acq: 11 Nov 2024 20:54

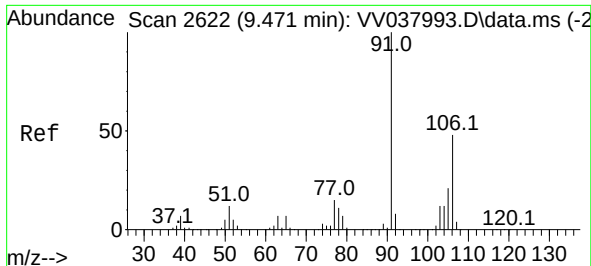
Tgt Ion: 106 Resp: 185807

Ion Ratio Lower Upper

106 100

91 204.5 139.0 258.2

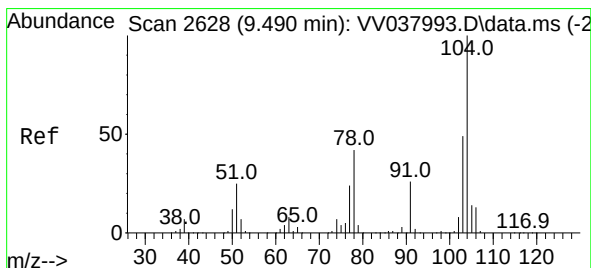
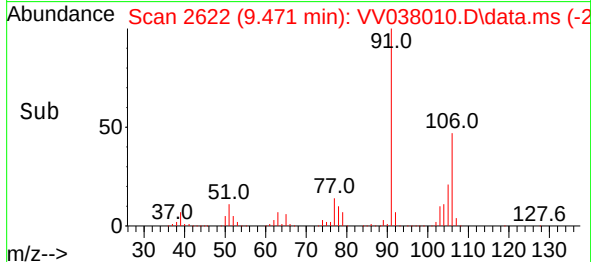
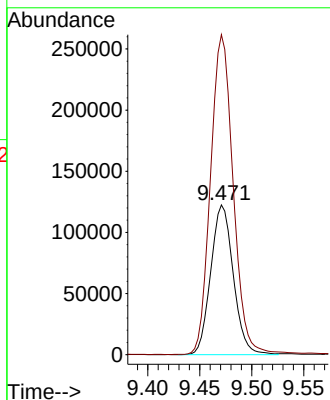
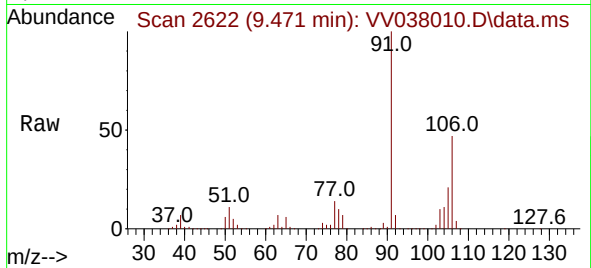




#54
o-Xylene
Concen: 5.671 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV038010.D
Acq: 11 Nov 2024 20:54

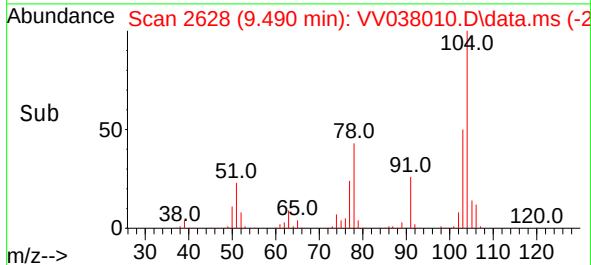
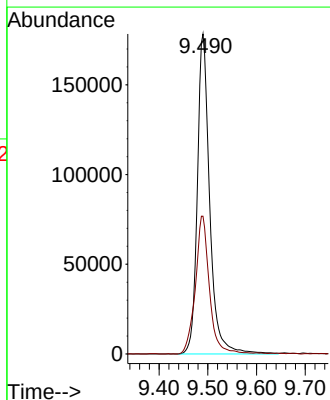
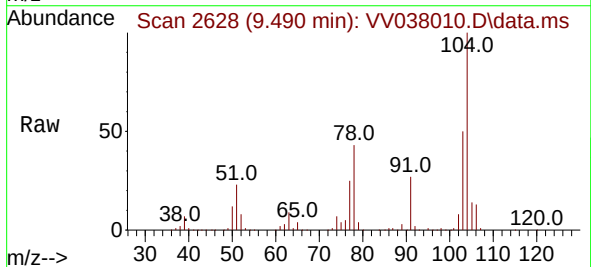
Instrument :
MSVOA_V
ClientSampleId :

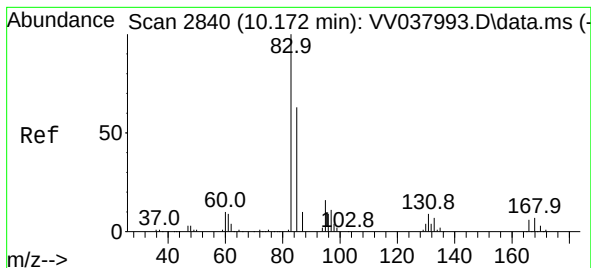
Tgt Ion:106 Resp: 185224
Ion Ratio Lower Upper
106 100
91 213.6 152.0 282.2



#55
Styrene
Concen: 5.610 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV038010.D
Acq: 11 Nov 2024 20:54

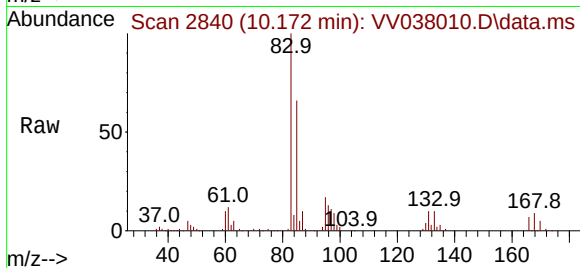
Tgt Ion:104 Resp: 315531
Ion Ratio Lower Upper
104 100
78 43.1 30.9 57.3



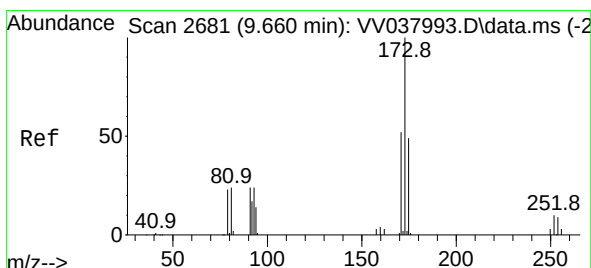
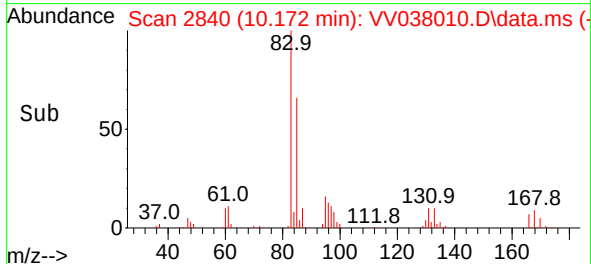
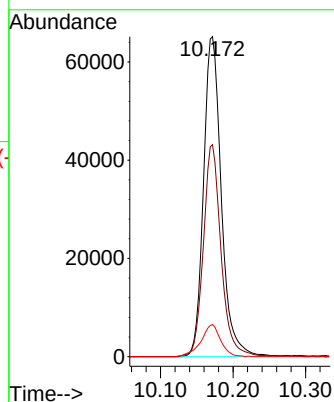


#57
1,1,2,2-Tetrachloroethane
Concen: 6.423 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VV038010.D
Acq: 11 Nov 2024 20:54

Instrument :
MSVOA_V
ClientSampleId :

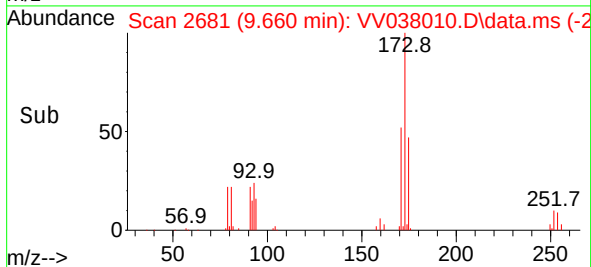
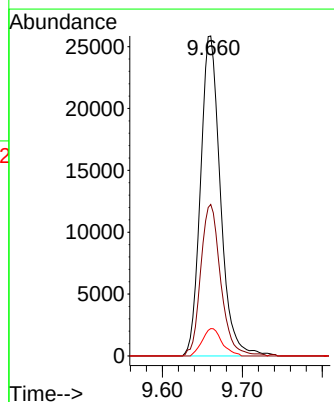
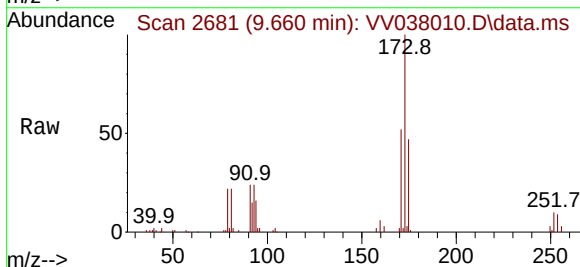


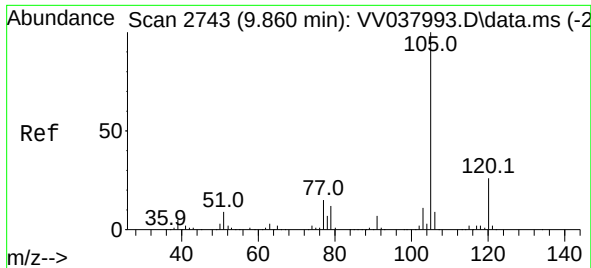
Tgt Ion: 83 Resp: 111344
Ion Ratio Lower Upper
83 100
85 66.2 44.2 82.2
131 10.0 7.9 11.9



#59
Bromoform
Concen: 4.843 ug/L
RT: 9.660 min Scan# 2681
Delta R.T. -0.000 min
Lab File: VV038010.D
Acq: 11 Nov 2024 20:54

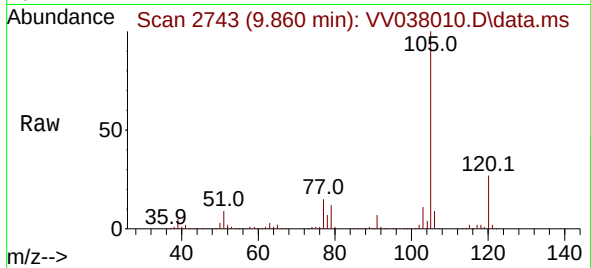
Tgt Ion: 173 Resp: 44760
Ion Ratio Lower Upper
173 100
175 47.6 38.0 57.0
254 8.5 6.9 10.3



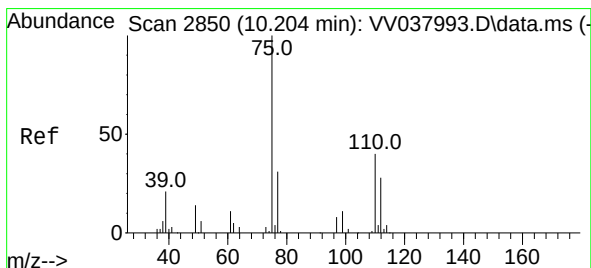
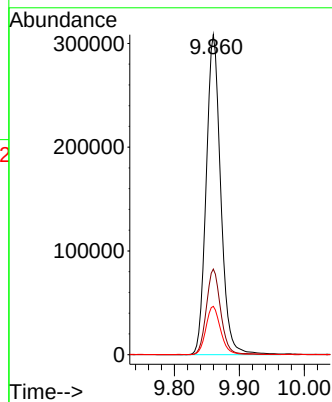
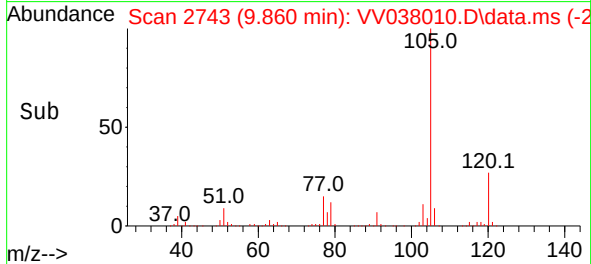


#60
Isopropylbenzene
Concen: 5.196 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038010.D
Acq: 11 Nov 2024 20:54

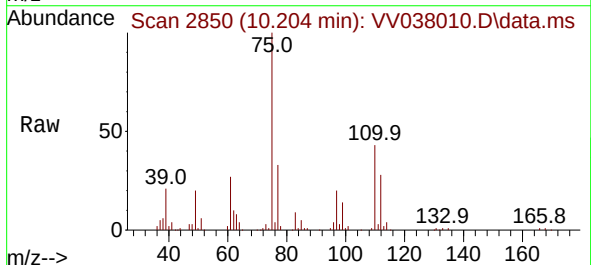
Instrument :
MSVOA_V
ClientSampleId :



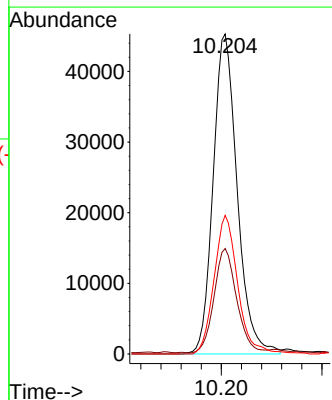
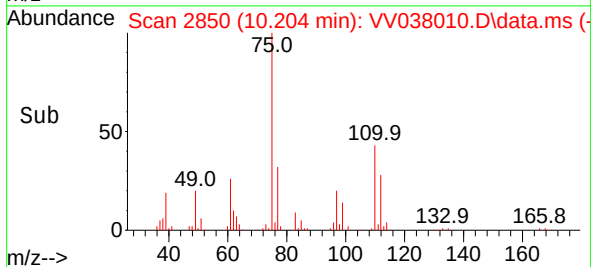
Tgt Ion:105 Resp: 480265
Ion Ratio Lower Upper
105 100
120 26.6 21.0 31.4
77 15.1 12.2 18.2

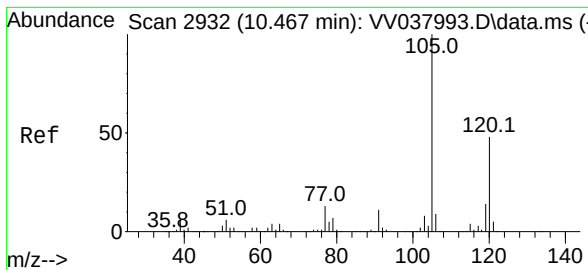


#61
1,2,3-Trichloropropane
Concen: 6.067 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV038010.D
Acq: 11 Nov 2024 20:54



Tgt Ion: 75 Resp: 75255
Ion Ratio Lower Upper
75 100
77 30.9 24.9 37.3
110 42.7 33.5 50.3

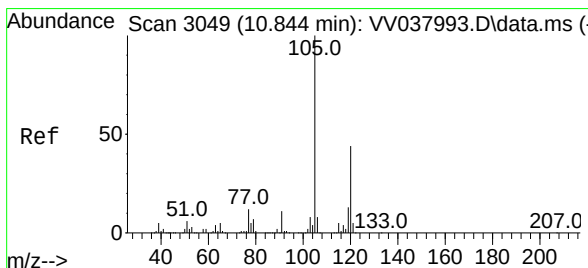
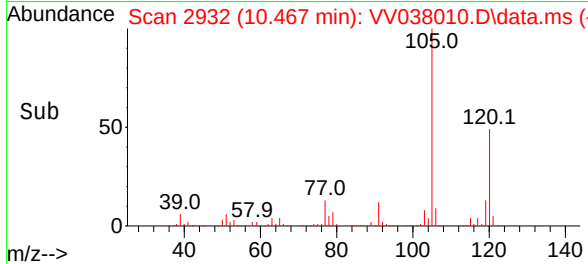
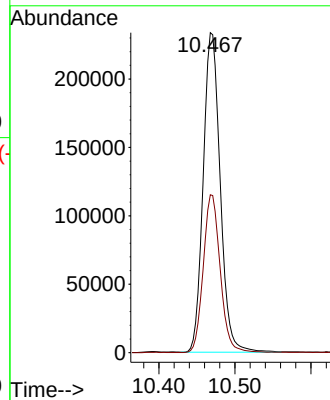
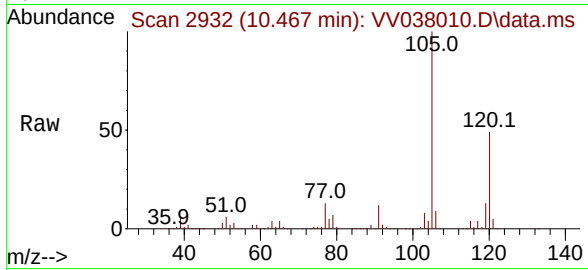




#62
 1,3,5-Trimethylbenzene
 Concen: 5.003 ug/L
 RT: 10.467 min Scan# 2932
 Delta R.T. -0.000 min
 Lab File: VV038010.D
 Acq: 11 Nov 2024 20:54

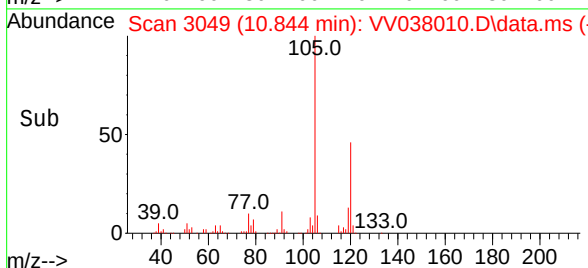
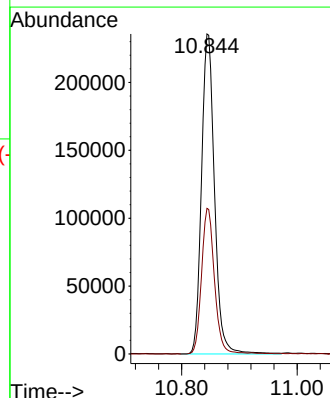
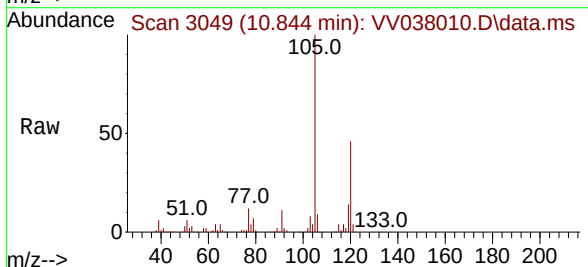
Instrument :
 MSVOA_V
 ClientSampleId :

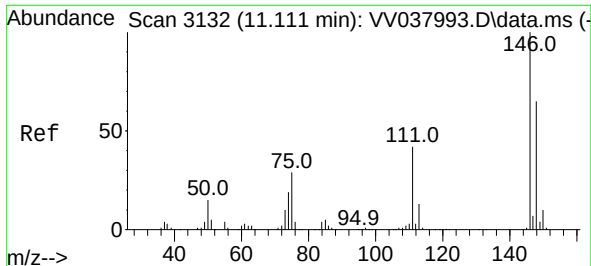
Tgt Ion:105 Resp: 363618
 Ion Ratio Lower Upper
 105 100
 120 49.1 39.0 58.6



#63
 1,2,4-Trimethylbenzene
 Concen: 5.137 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. -0.000 min
 Lab File: VV038010.D
 Acq: 11 Nov 2024 20:54

Tgt Ion:105 Resp: 368332
 Ion Ratio Lower Upper
 105 100
 120 45.1 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 5.211 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

Instrument :

MSVOA_V

ClientSampleId :

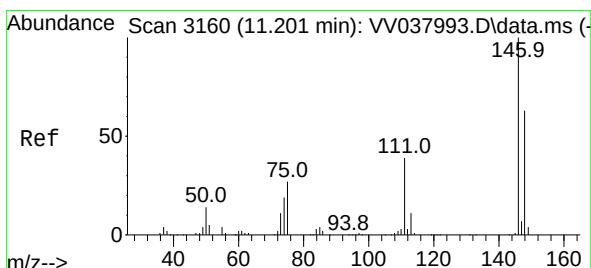
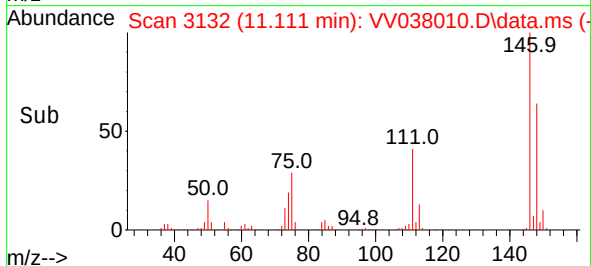
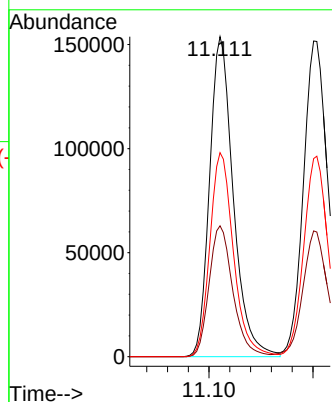
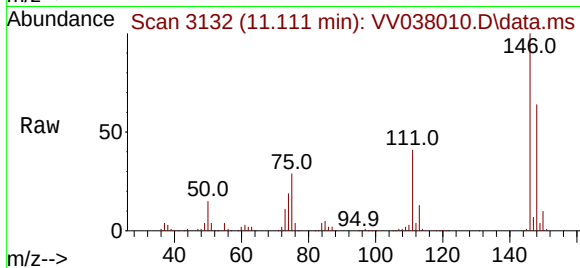
Tgt Ion:146 Resp: 243880

Ion Ratio Lower Upper

146 100

111 40.9 28.7 53.3

148 63.8 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 5.333 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

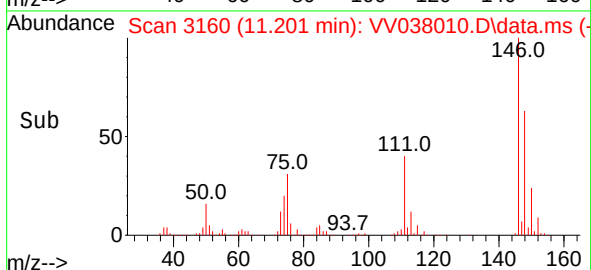
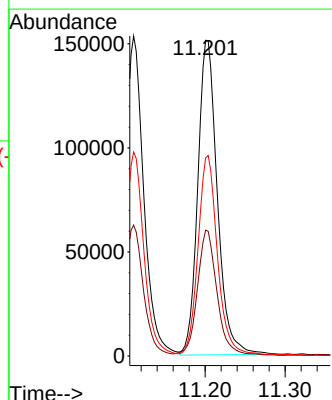
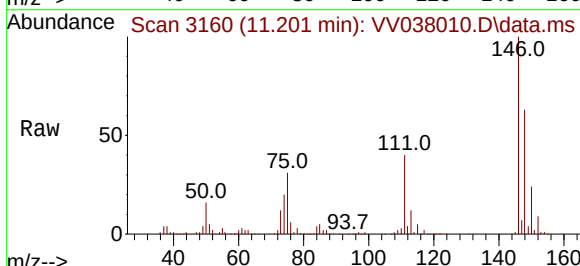
Tgt Ion:146 Resp: 257722

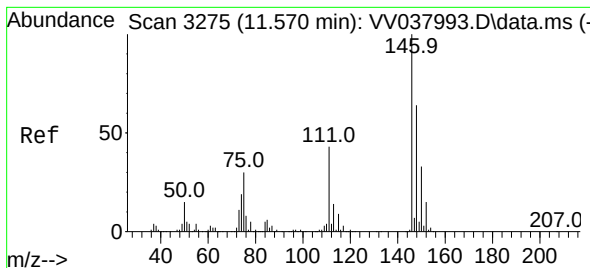
Ion Ratio Lower Upper

146 100

111 39.8 27.6 51.2

148 62.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.393 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

Instrument :

MSVOA_V

ClientSampleId :

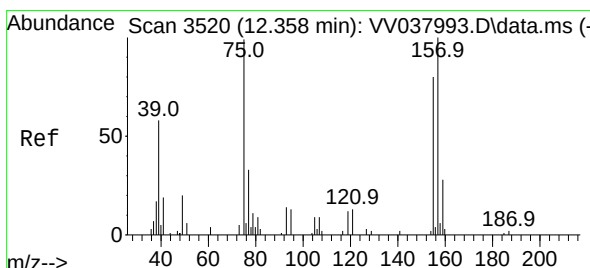
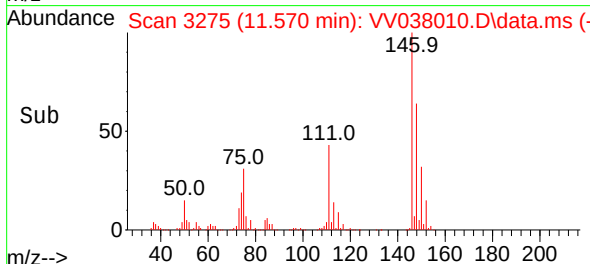
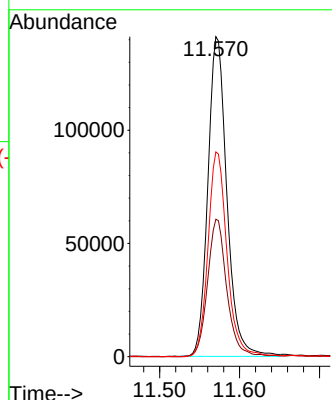
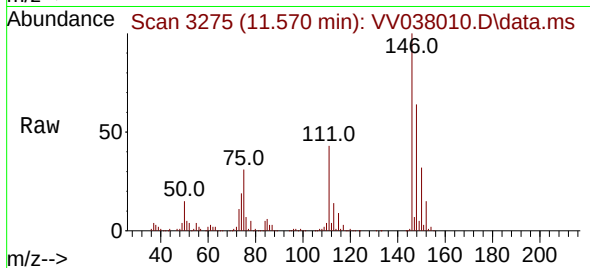
Tgt Ion:146 Resp: 233407

Ion Ratio Lower Upper

146 100

111 43.0 33.9 50.9

148 64.0 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.878 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

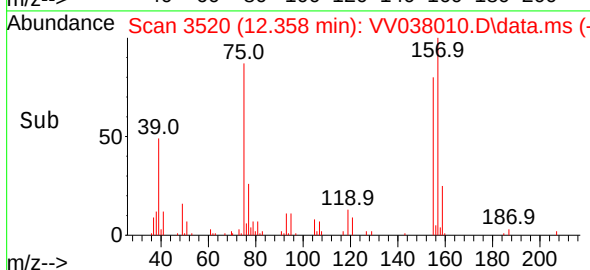
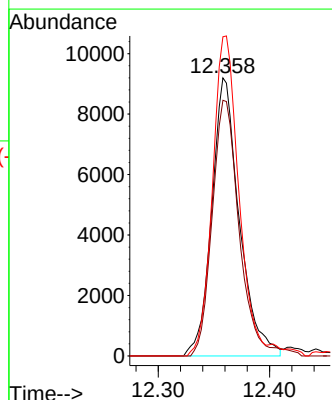
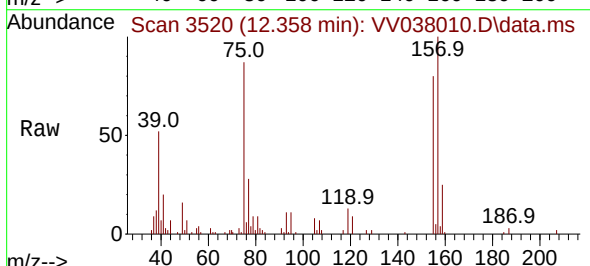
Tgt Ion: 75 Resp: 15827

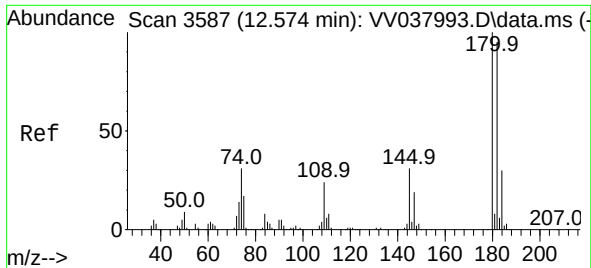
Ion Ratio Lower Upper

75 100

155 92.0 70.2 105.2

157 114.8 80.2 120.4





#69

1,3,5-Trichlorobenzene

Concen: 4.963 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.003 min

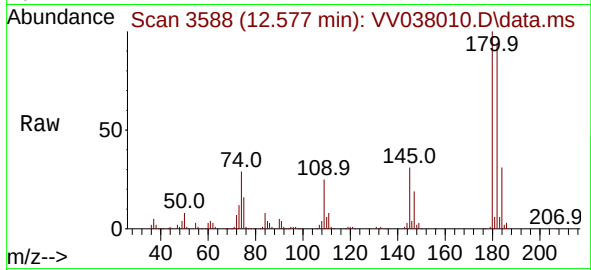
Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 163944

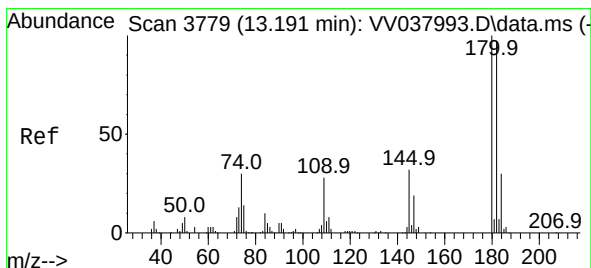
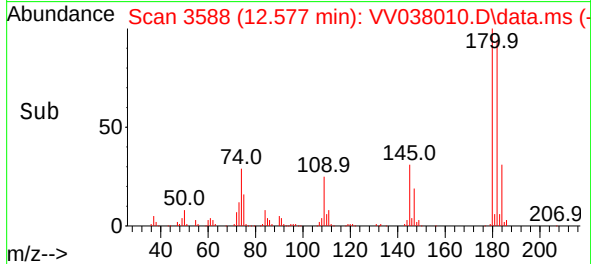
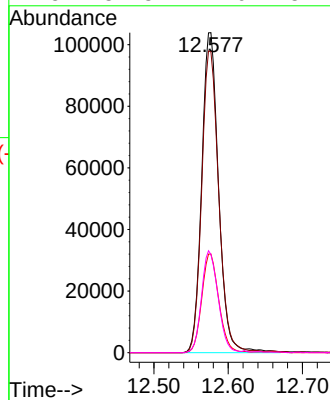
Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.4

184 31.3 24.1 36.1

145 31.3 24.6 37.0



#70

1,2,4-trichlorobenzene

Concen: 5.387 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

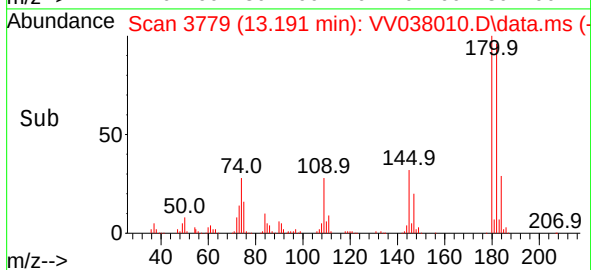
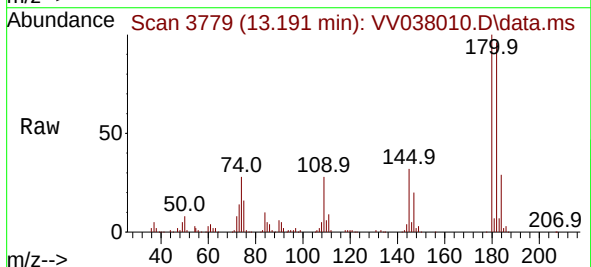
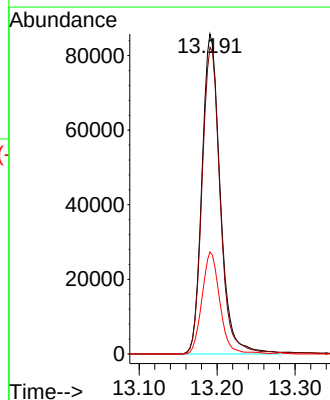
Tgt Ion:180 Resp: 139725

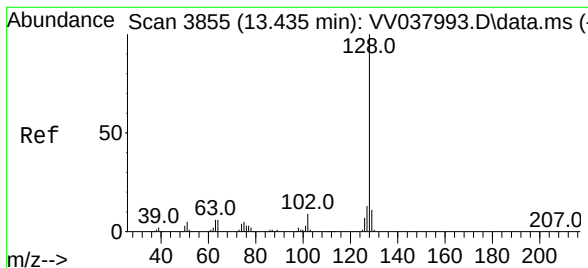
Ion Ratio Lower Upper

180 100

182 94.7 74.8 112.2

145 31.1 25.4 38.0





#71

Naphthalene

Concen: 5.754 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

Instrument :

MSVOA_V

ClientSampleId :

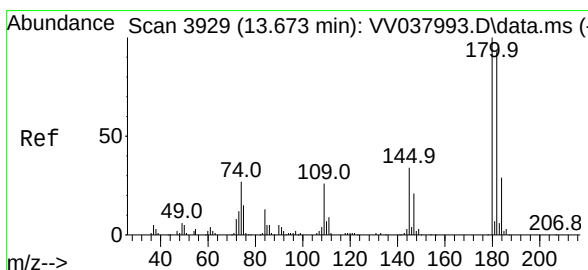
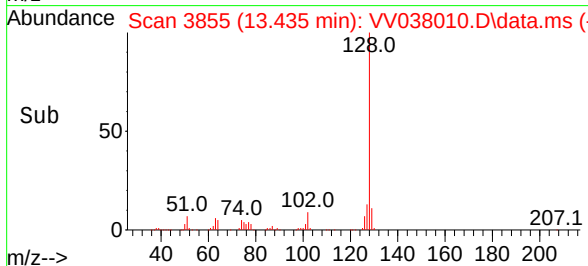
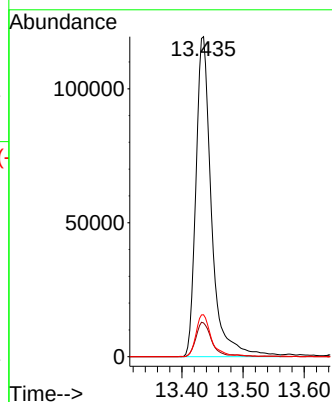
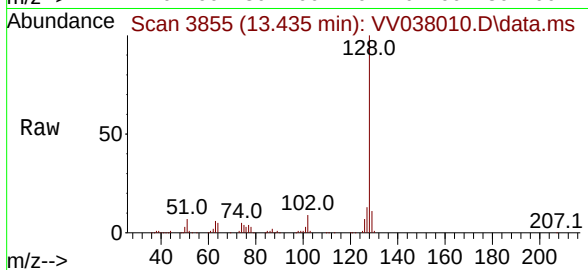
Tgt Ion:128 Resp: 211794

Ion Ratio Lower Upper

128 100

129 10.5 8.3 12.5

127 12.6 9.9 14.9



#72

1,2,3-Trichlorobenzene

Concen: 5.745 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV038010.D

Acq: 11 Nov 2024 20:54

Tgt Ion:180 Resp: 128458

Ion Ratio Lower Upper

180 100

182 98.4 79.4 119.0

145 32.6 26.6 40.0

