

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091124\
 Data File : VV037252.D
 Acq On : 11 Sep 2024 12:22
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 12 01:57:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 12 01:56:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	342216	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	347877	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	178762	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	84349	4.201	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.529	69	93194	4.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.053	65	43482	4.194	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	3.838	46	286350	47.724	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.440%
24) Chloroform-d	4.240	84	223795	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	4.937	65	106989	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	4.953	84	419980	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	5.982	67	130258	4.491	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.236	98	373182	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.551	79	42332	4.437	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.024	63	217976	46.760	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.520%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	107120	4.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	138287	4.351	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	152580	4.800	ug/L	99
3) Chloromethane	1.214	50	160987	4.746	ug/L	100
5) Vinyl chloride	1.278	62	159441	4.783	ug/L	99
6) Bromomethane	1.484	94	95099	4.755	ug/L	100
8) Chloroethane	1.545	64	97688	4.873	ug/L	98
9) Trichlorofluoromethane	1.709	101	201284	4.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	119543	4.760	ug/L	99
12) 1,1-Dichloroethene	2.063	96	115837	4.830	ug/L	95
13) Acetone	2.179	43	80187	19.194	ug/L	98
14) Carbon disulfide	2.233	76	346828	4.587	ug/L	100
15) Methyl Acetate	2.394	43	48948	5.115	ug/L #	87
16) Methylene chloride	2.439	84	137409	4.984	ug/L	96
17) Methyl tert-butyl Ether	2.699	73	278653	4.888	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	121139	4.801	ug/L	96
19) 1,1-Dichloroethane	3.105	63	231922	4.814	ug/L	99
21) 2-Butanone	3.915	43	285644	44.986	ug/L #	66
22) cis-1,2-Dichloroethene	3.805	96	130164	4.772	ug/L	98
23) Bromochloromethane	4.143	128	57036	4.828	ug/L	98
25) Chloroform	4.265	83	231065	4.761	ug/L	96

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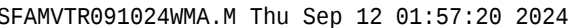
Instrument :
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 ClientSampleId :

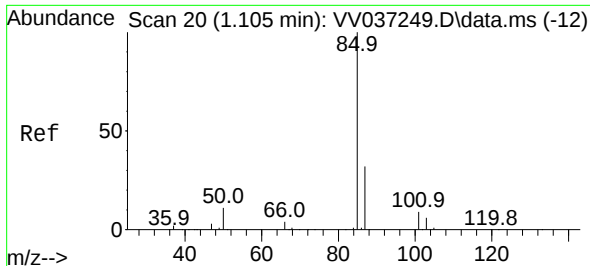
Quant Time: Sep 12 01:57:11 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 12 01:56:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	134517	4.898	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	194179	4.707	ug/L	97
30) Cyclohexane	4.571	56	187364	4.682	ug/L	99
31) Carbon tetrachloride	4.725	117	163518	4.657	ug/L	98
33) Benzene	5.002	78	499844	4.769	ug/L	100
34) Trichloroethene	5.828	95	132260	4.683	ug/L	98
35) Methylcyclohexane	6.040	83	198443	4.622	ug/L	99
37) 1,2-Dichloropropane	6.085	63	128840	4.831	ug/L	100
38) Bromodichloromethane	6.426	83	159003	4.763	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	183659	4.755	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	747346	48.950	ug/L	98
42) Toluene	7.310	91	531349	4.873	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	147080	4.718	ug/L	97
45) 1,1,2-Trichloroethane	7.763	97	92382	4.840	ug/L	97
47) Tetrachloroethene	7.899	164	96213	4.759	ug/L	98
48) 2-Hexanone	8.075	43	525706	47.110	ug/L	99
49) Dibromochloromethane	8.172	129	95009	4.751	ug/L	98
50) 1,2-Dibromoethane	8.278	107	89754	4.977	ug/L	95
51) Chlorobenzene	8.808	112	342097	4.712	ug/L	99
52) Ethylbenzene	8.940	91	584552	4.804	ug/L	100
53) m,p-Xylene	9.066	106	218514	4.881	ug/L	99
54) o-Xylene	9.471	106	211727	4.777	ug/L	99
55) Styrene	9.490	104	368873	4.909	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.172	83	109632	4.755	ug/L	98
59) Bromoform	9.661	173	46436	4.440	ug/L	99
60) Isopropylbenzene	9.860	105	576007	4.814	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	75920	4.667	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	459113	4.839	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	461287	4.840	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	267546	4.730	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	269813	4.651	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	245246	4.677	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	14937	4.428	ug/L	95
69) 1,3,5-Trichlorobenzene	12.577	180	185132	4.590	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	151445	4.561	ug/L	99
71) Naphthalene	13.439	128	219417	4.324	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	129732	4.722	ug/L	98

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

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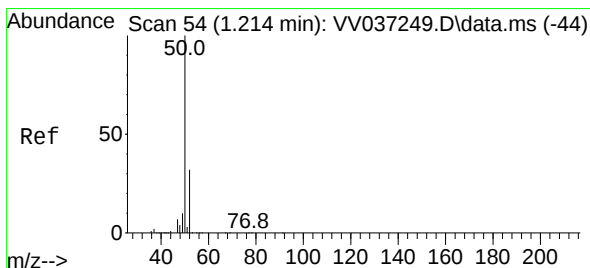
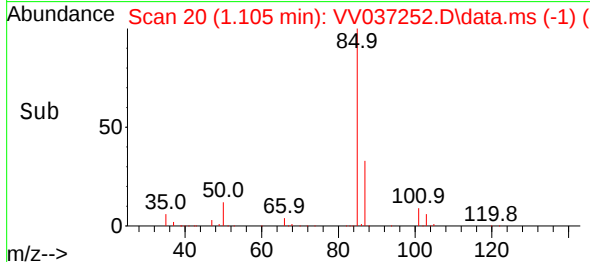
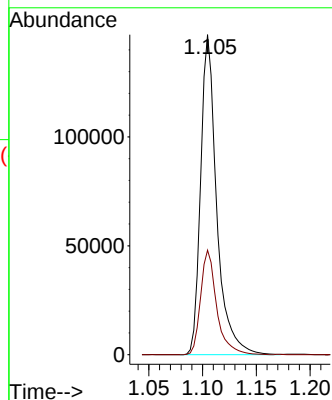
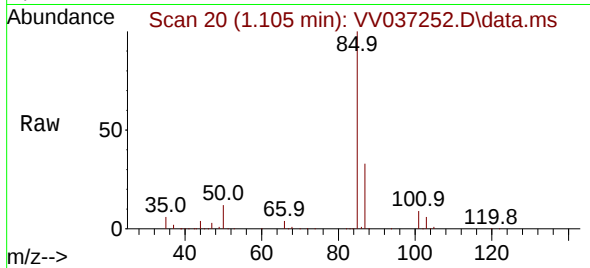




#2
 Dichlorodifluoromethane
 Concen: 4.800 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV037252.D
 Acq: 11 Sep 2024 12:22

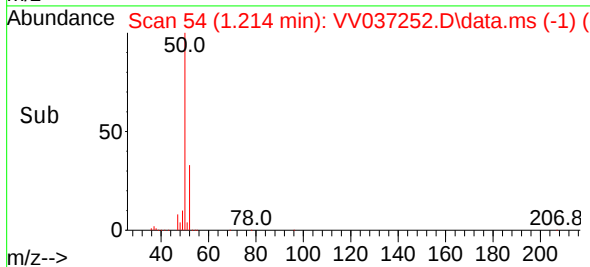
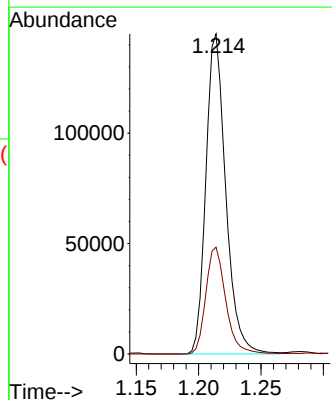
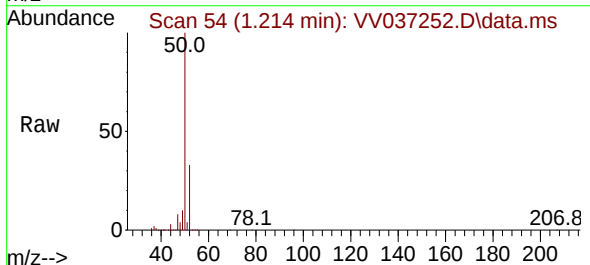
Instrument :
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 ClientSampleId :

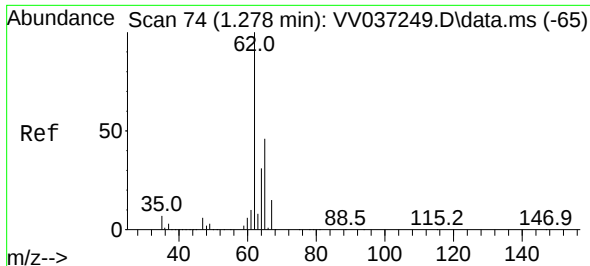
Tgt Ion: 85 Resp: 152580
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.8



#3
 Chloromethane
 Concen: 4.746 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV037252.D
 Acq: 11 Sep 2024 12:22

Tgt Ion: 50 Resp: 160987
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.3 43.3



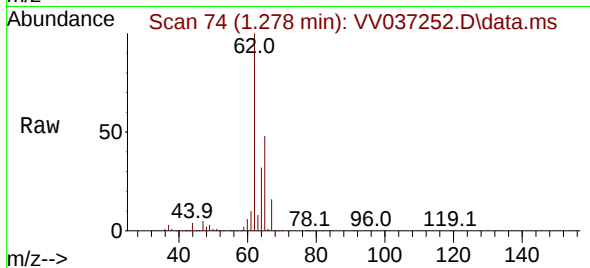


#5
 Vinyl chloride
 Concen: 4.783 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV037252.D
 Acq: 11 Sep 2024 12:22

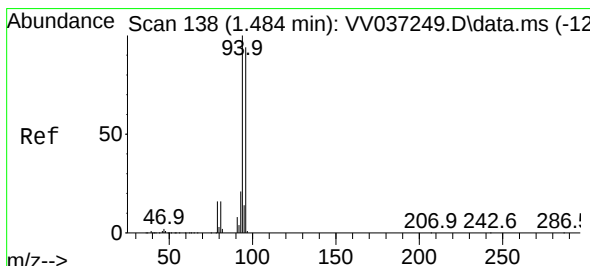
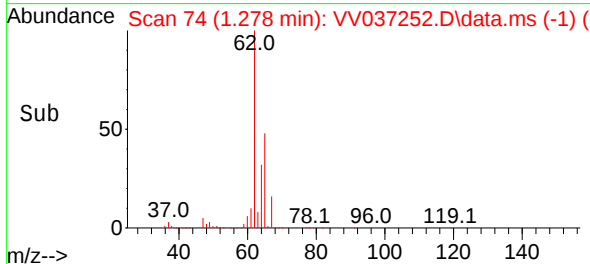
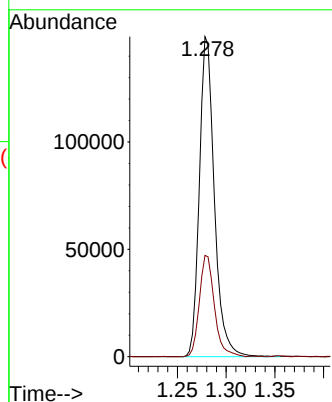
Instrument :

MSVOA_V

ClientSampleId :

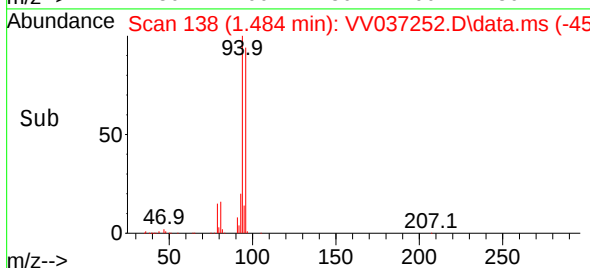
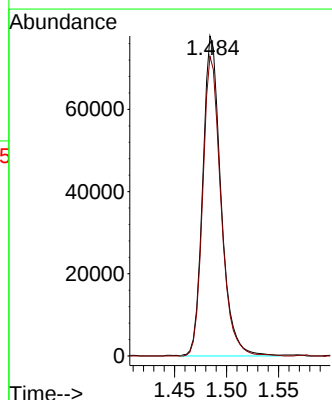
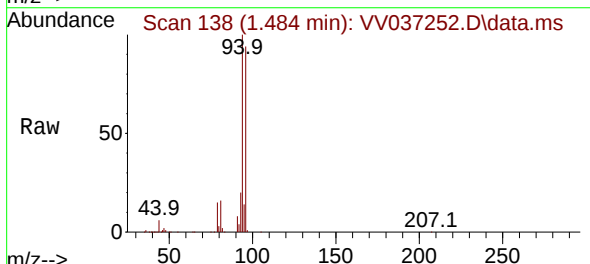


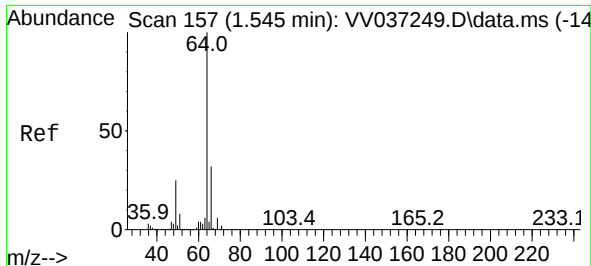
Tgt Ion: 62 Resp: 159441
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.4 41.6



#6
 Bromomethane
 Concen: 4.755 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV037252.D
 Acq: 11 Sep 2024 12:22

Tgt Ion: 94 Resp: 95099
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.3 121.3

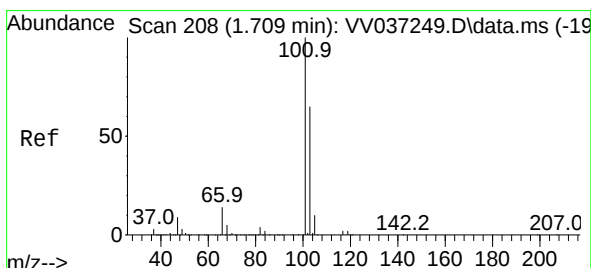
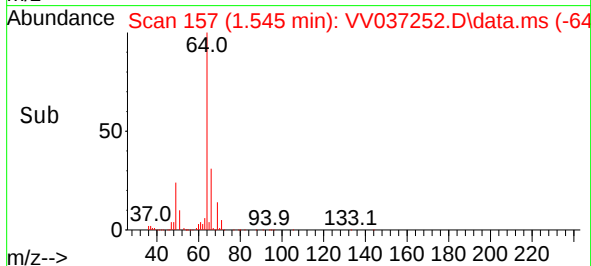
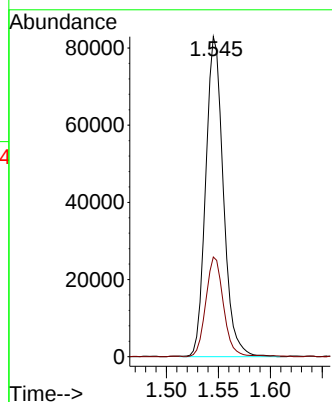
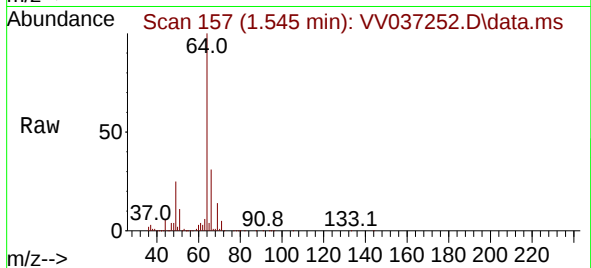




#8
Chloroethane
Concen: 4.873 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

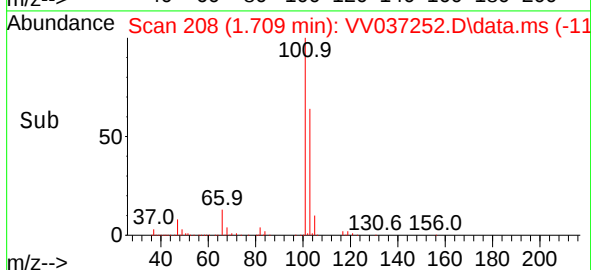
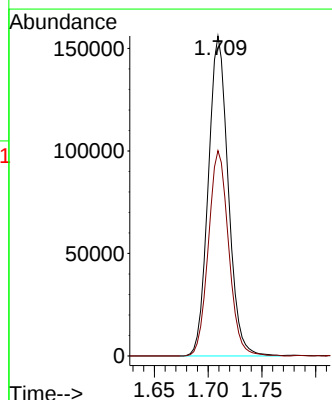
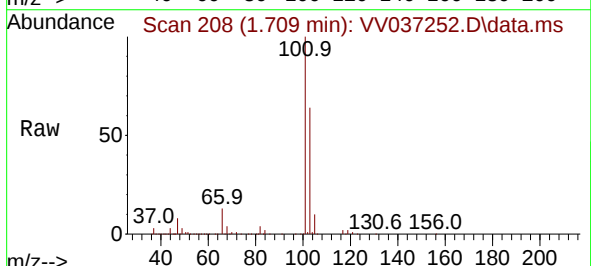
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MSVOA_V
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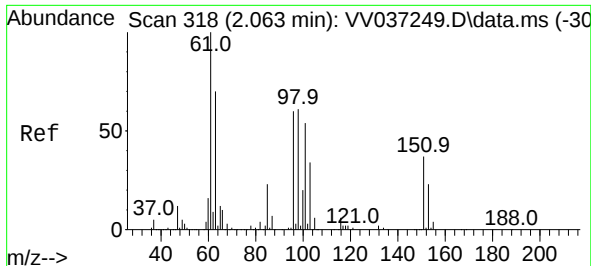
Tgt Ion: 64 Resp: 97688
Ion Ratio Lower Upper
64 100
66 31.2 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.854 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

Tgt Ion:101 Resp: 201284
Ion Ratio Lower Upper
101 100
103 65.1 51.5 77.3

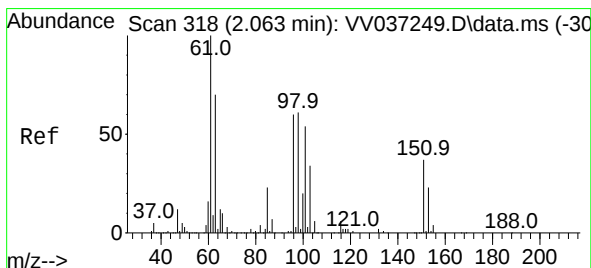
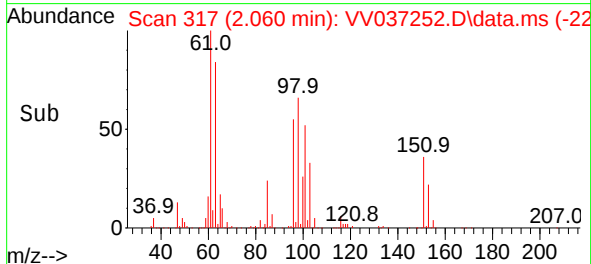
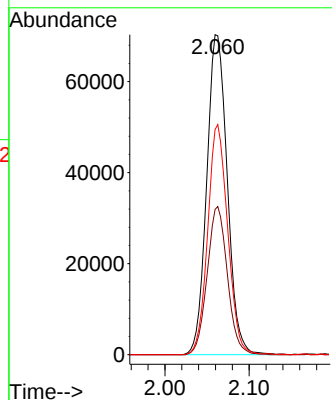
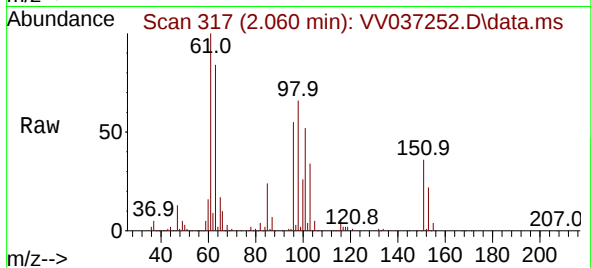




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.760 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

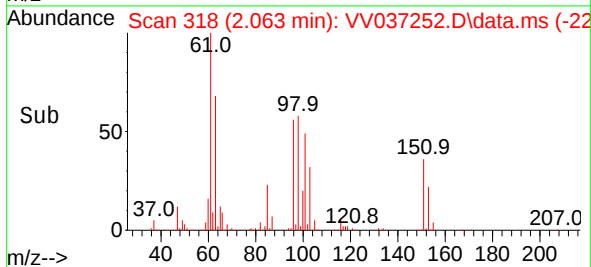
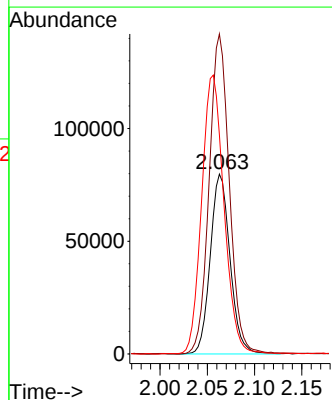
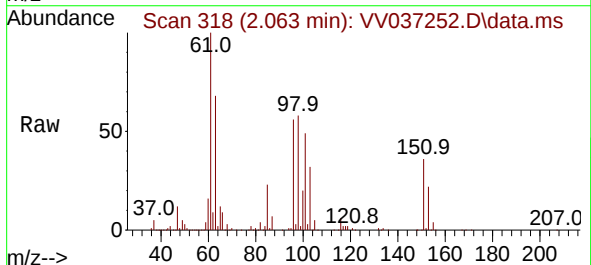
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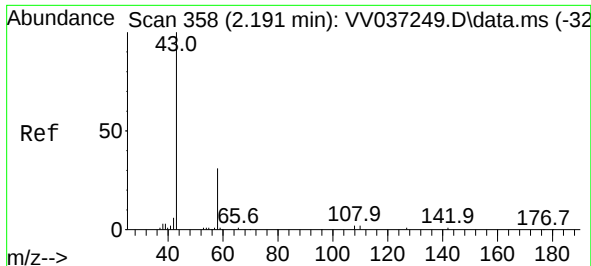
Tgt Ion:101 Resp: 119543
Ion Ratio Lower Upper
101 100
85 45.5 35.1 52.7
151 69.8 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.830 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

Tgt Ion: 96 Resp: 115837
Ion Ratio Lower Upper
96 100
61 178.0 119.9 222.7
63 121.9 81.4 151.2





#13

Acetone

Concen: 19.194 ug/L

RT: 2.179 min Scan# 354

Delta R.T. -0.013 min

Lab File: VV037252.D

Acq: 11 Sep 2024 12:22

Instrument :

MSVOA_V

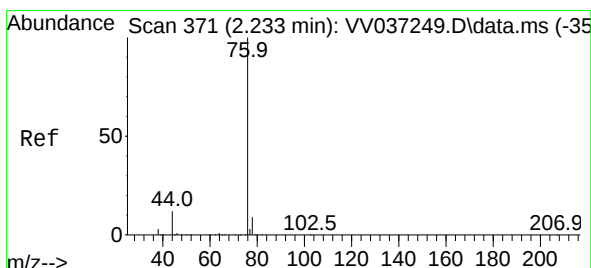
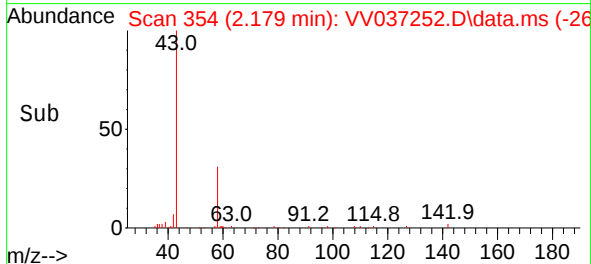
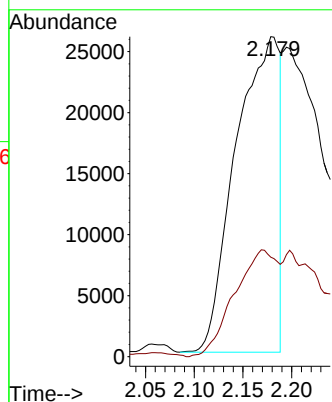
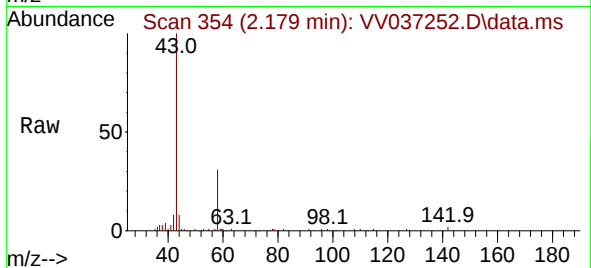
ClientSampleId :

Tgt Ion: 43 Resp: 80187

Ion Ratio Lower Upper

43 100

58 33.6 0.0 69.2



#14

Carbon disulfide

Concen: 4.587 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV037252.D

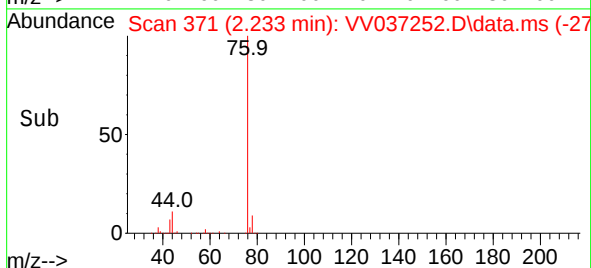
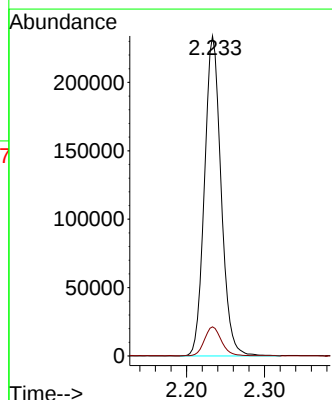
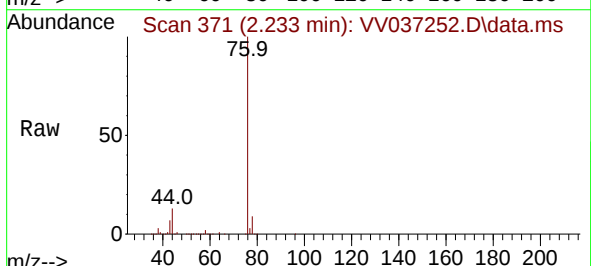
Acq: 11 Sep 2024 12:22

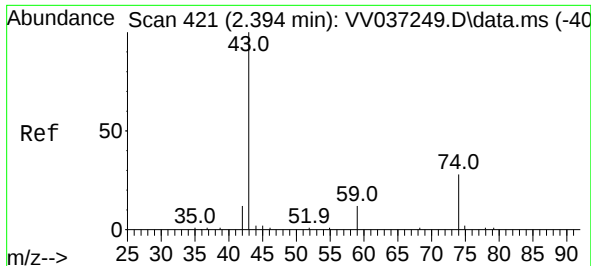
Tgt Ion: 76 Resp: 346828

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 5.115 ug/L

RT: 2.394 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV037252.D

Acq: 11 Sep 2024 12:22

Instrument :

MSVOA_V

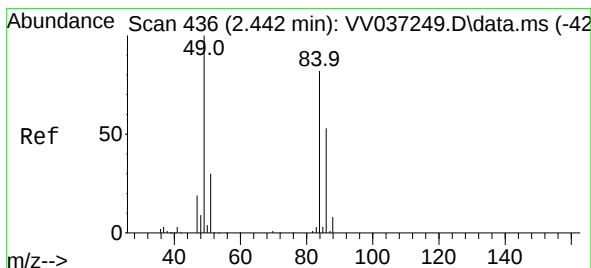
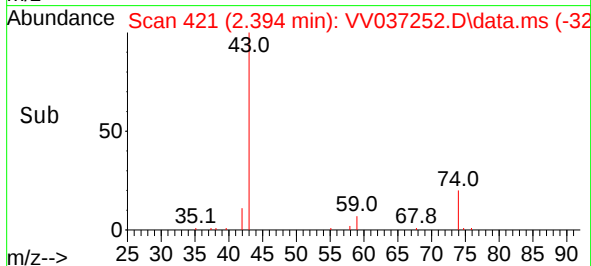
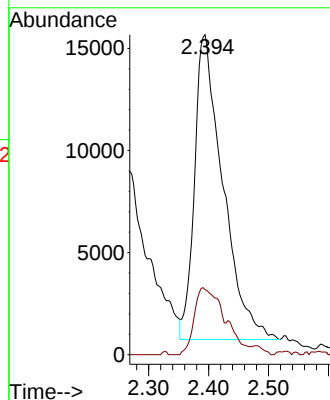
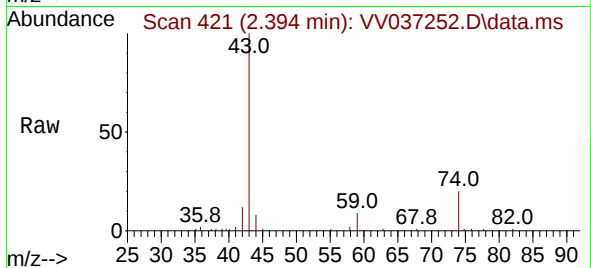
ClientSampleId :

Tgt Ion: 43 Resp: 48948

Ion Ratio Lower Upper

43 100

74 19.7 21.0 31.4#



#16

Methylene chloride

Concen: 4.984 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.003 min

Lab File: VV037252.D

Acq: 11 Sep 2024 12:22

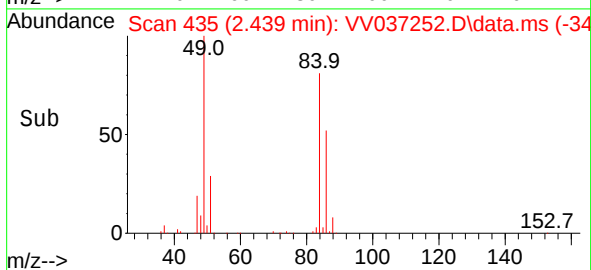
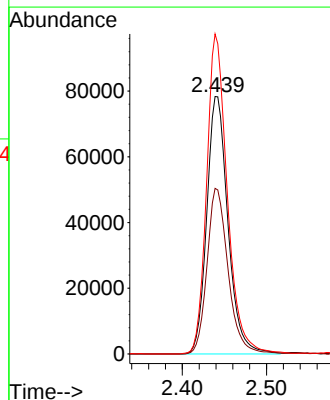
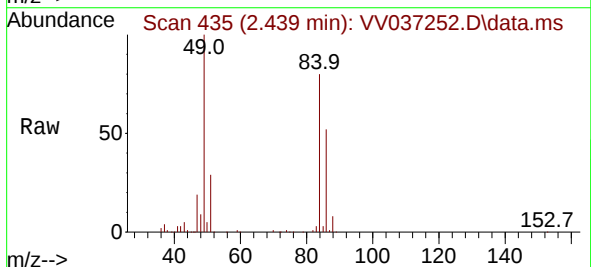
Tgt Ion: 84 Resp: 137409

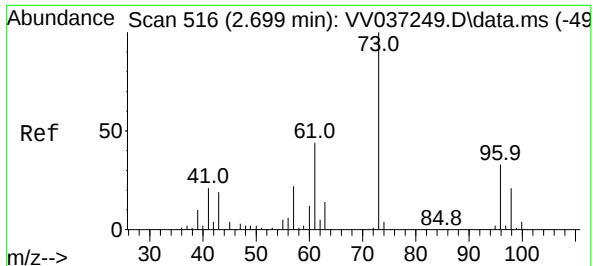
Ion Ratio Lower Upper

84 100

86 64.3 44.0 81.8

49 124.3 83.0 154.1

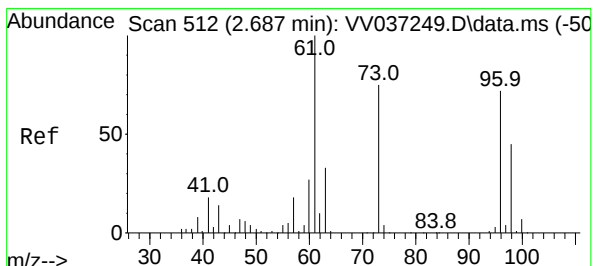
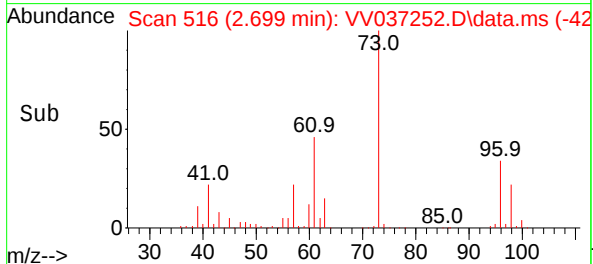
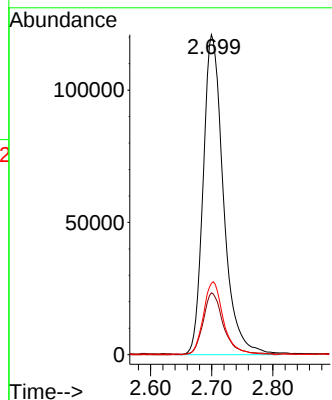
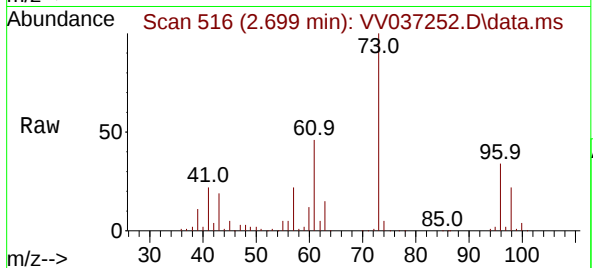




#17
Methyl tert-butyl Ether
Concen: 4.888 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

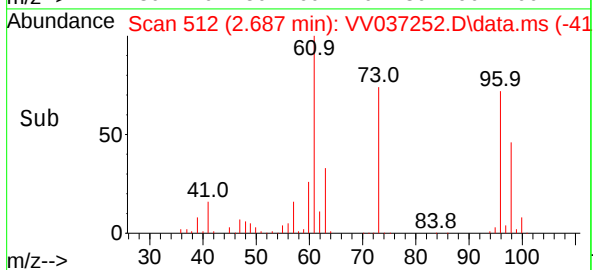
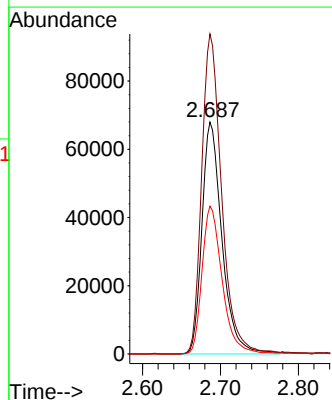
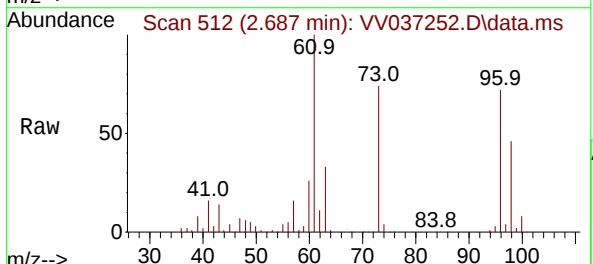
Instrument :
MSVOA_V
ClientSampleId :

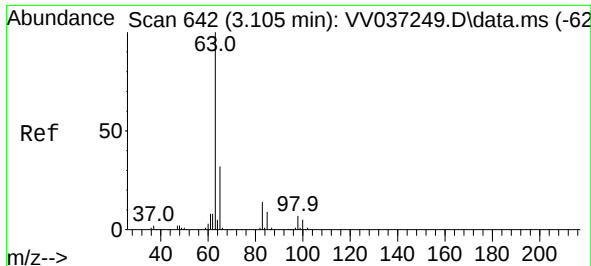
Tgt Ion: 73 Resp: 278653
Ion Ratio Lower Upper
73 100
43 19.0 14.5 21.7
57 22.5 17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 4.801 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

Tgt Ion: 96 Resp: 121139
Ion Ratio Lower Upper
96 100
61 138.0 92.8 172.4
98 63.7 43.0 79.8

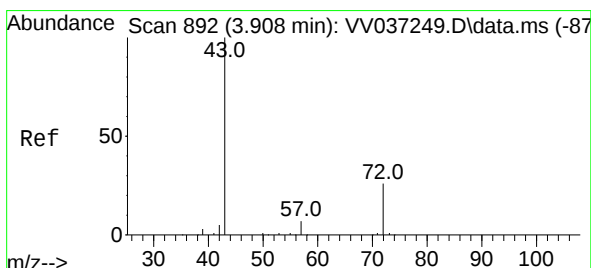
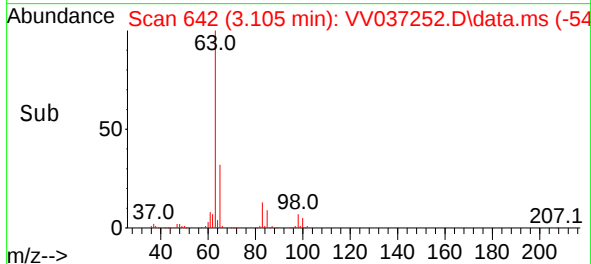
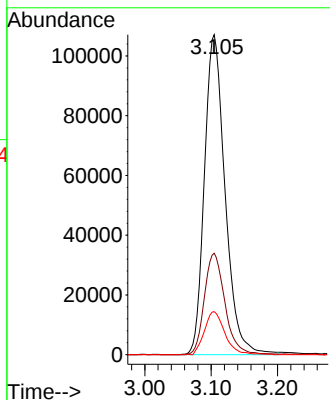
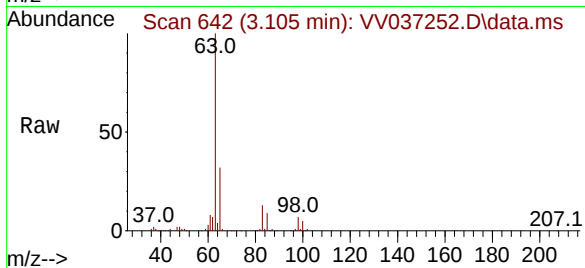




#19
1,1-Dichloroethane
Concen: 4.814 ug/L
RT: 3.105 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

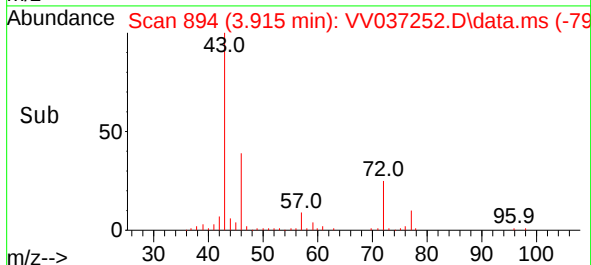
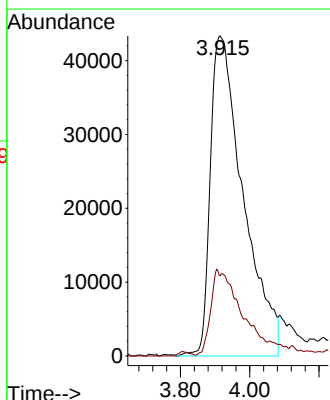
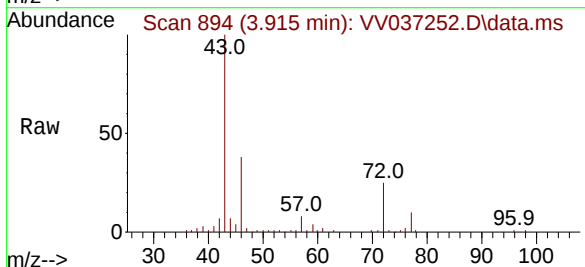
Instrument :
MSVOA_V
ClientSampleId :

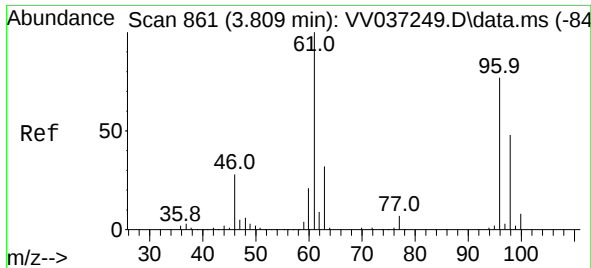
Tgt Ion: 63 Resp: 231922
Ion Ratio Lower Upper
63 100
65 31.7 22.5 41.7
83 13.5 8.9 16.5



#21
2-Butanone
Concen: 44.986 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

Tgt Ion: 43 Resp: 285644
Ion Ratio Lower Upper
43 100
72 7.7 12.2 36.6#





#22

cis-1,2-Dichloroethene

Concen: 4.772 ug/L

RT: 3.805 min Scan# 861

Delta R.T. -0.003 min

Lab File: VV037252.D

Acq: 11 Sep 2024 12:22

Instrument :

MSVOA_V

ClientSampleId :

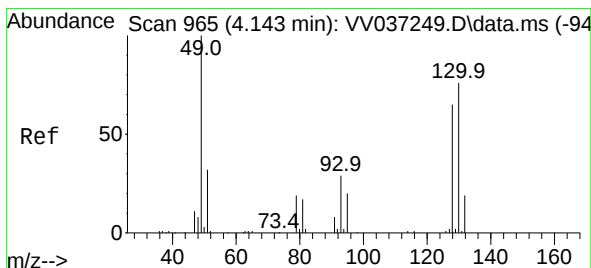
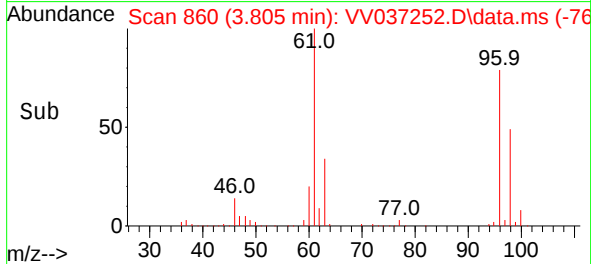
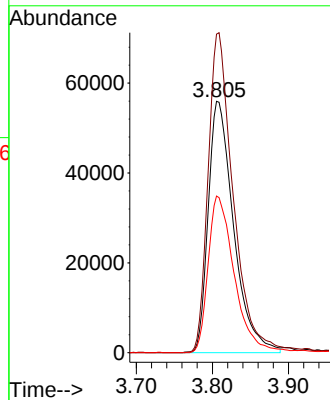
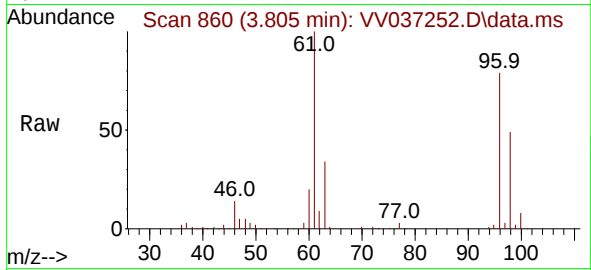
Tgt Ion: 96 Resp: 130164

Ion Ratio Lower Upper

96 100

61 126.8 87.6 162.6

98 62.3 44.9 83.5



#23

Bromochloromethane

Concen: 4.828 ug/L

RT: 4.143 min Scan# 965

Delta R.T. -0.000 min

Lab File: VV037252.D

Acq: 11 Sep 2024 12:22

Tgt Ion:128 Resp: 57036

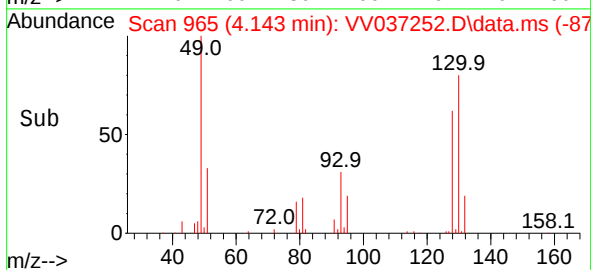
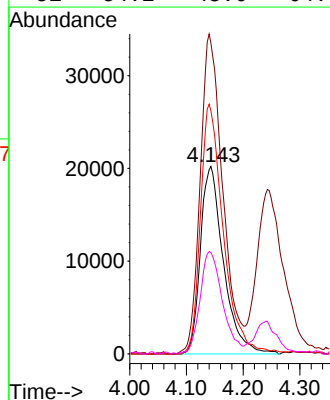
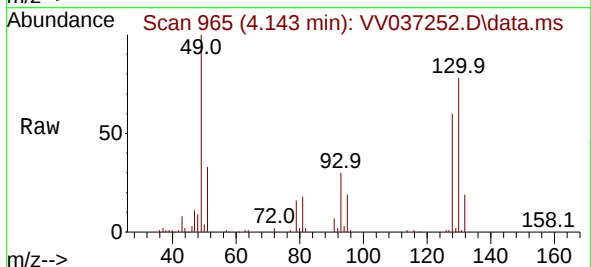
Ion Ratio Lower Upper

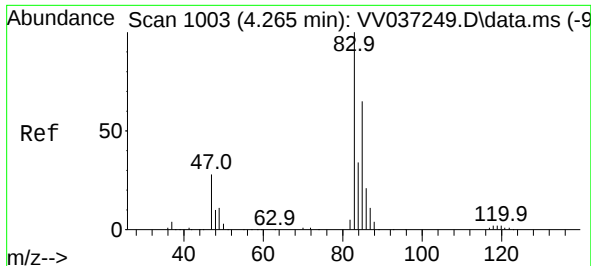
128 100

49 165.7 114.0 211.8

130 129.6 89.3 165.9

51 54.2 43.0 64.4





#25

Chloroform

Concen: 4.761 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037252.D

Acq: 11 Sep 2024 12:22

Instrument :

MSVOA_V

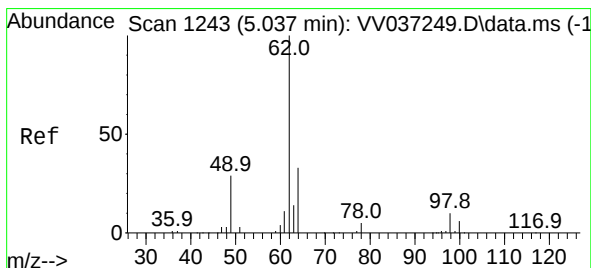
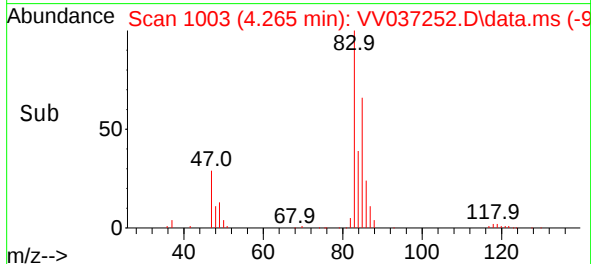
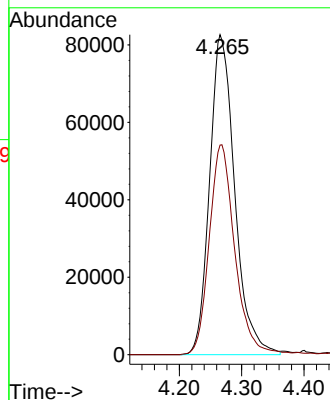
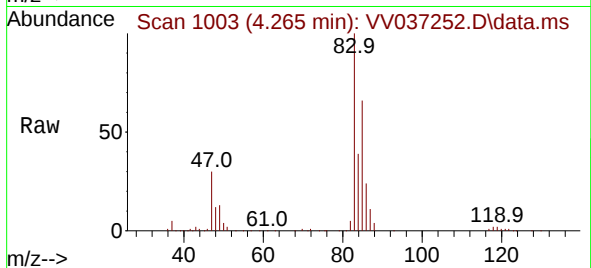
ClientSampleId :

Tgt Ion: 83 Resp: 231065

Ion Ratio Lower Upper

83 100

85 65.5 43.8 81.4



#27

1,2-Dichloroethane

Concen: 4.898 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV037252.D

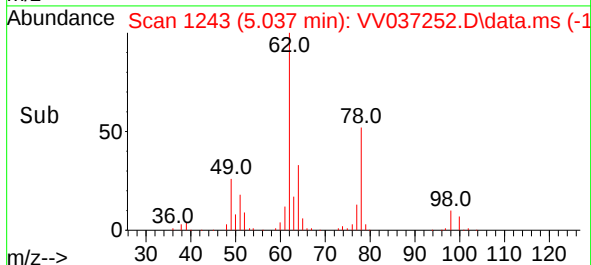
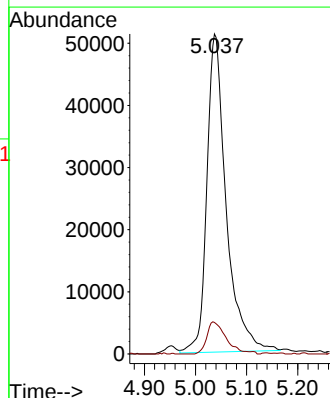
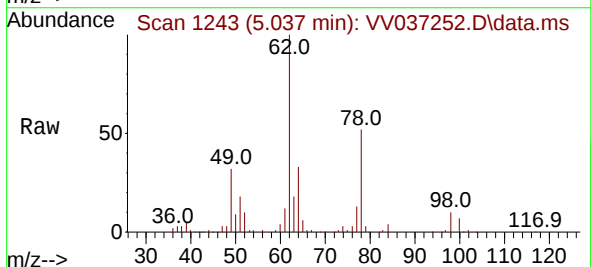
Acq: 11 Sep 2024 12:22

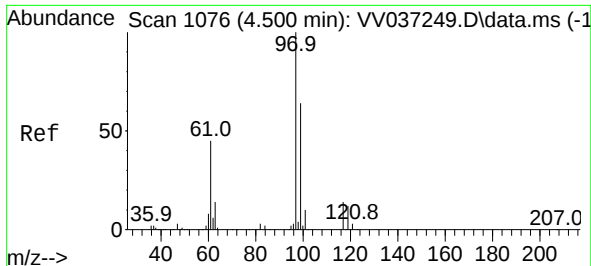
Tgt Ion: 62 Resp: 134517

Ion Ratio Lower Upper

62 100

98 9.9 8.2 12.4

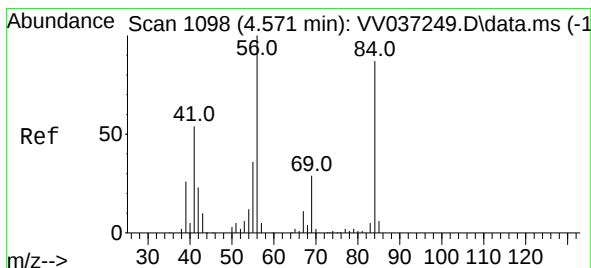
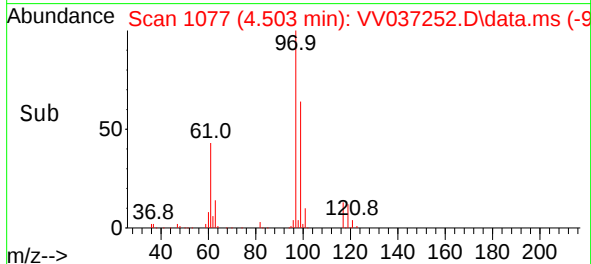
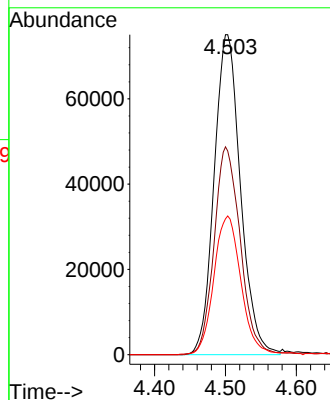
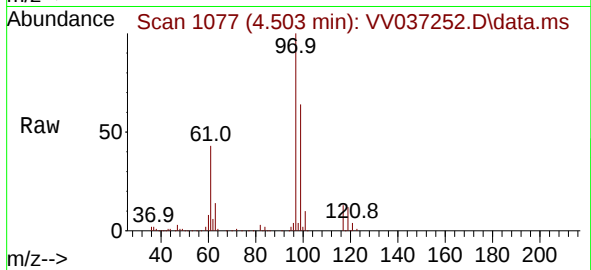




#29
1,1,1-Trichloroethane
Concen: 4.707 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

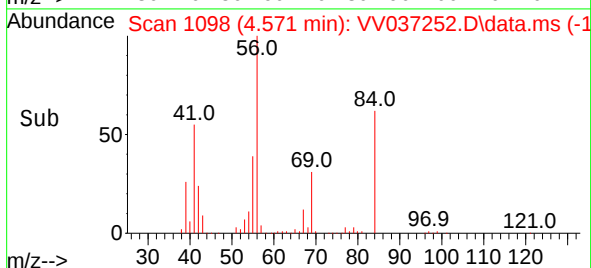
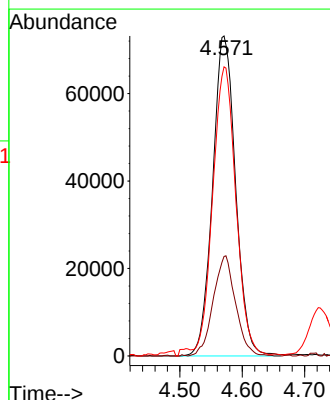
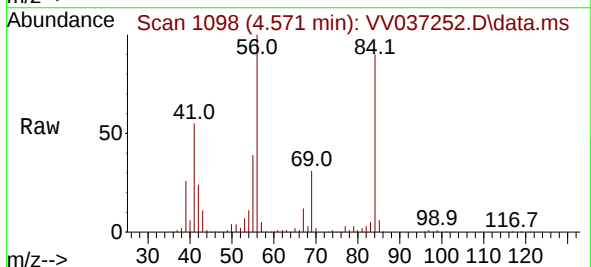
Instrument :
MSVOA_V
ClientSampleId :

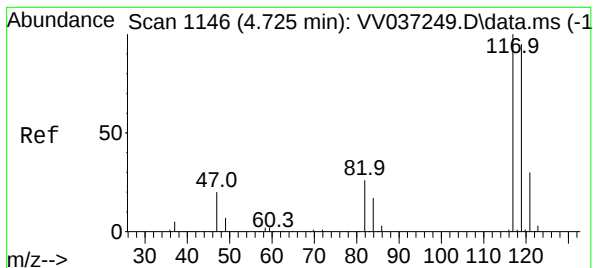
Tgt Ion: 97 Resp: 194179
Ion Ratio Lower Upper
97 100
99 64.6 50.0 75.0
61 44.4 34.3 51.5



#30
Cyclohexane
Concen: 4.682 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.000 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

Tgt Ion: 56 Resp: 187364
Ion Ratio Lower Upper
56 100
69 30.4 24.1 36.1
84 89.7 73.1 109.7





#31

Carbon tetrachloride

Concen: 4.657 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VV037252.D

Acq: 11 Sep 2024 12:22

Instrument :

MSVOA_V

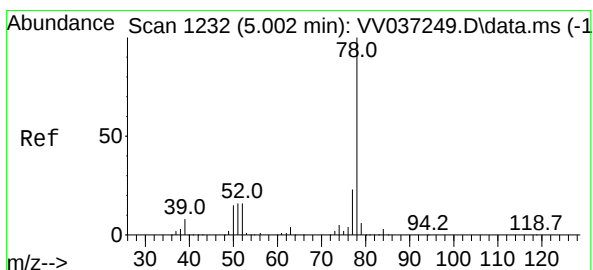
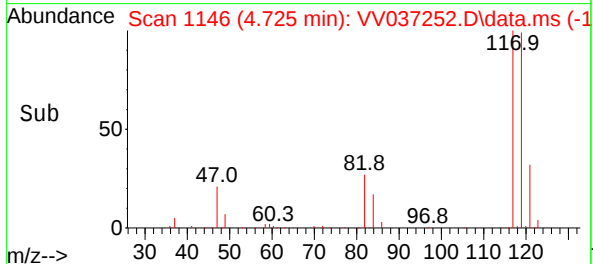
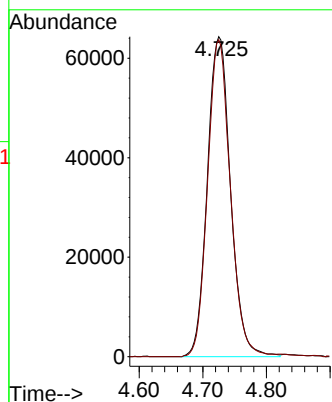
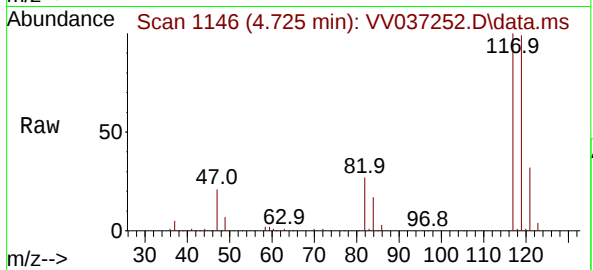
ClientSampleId :

Tgt Ion:117 Resp: 163518

Ion Ratio Lower Upper

117 100

119 97.0 76.2 114.4



#33

Benzene

Concen: 4.769 ug/L

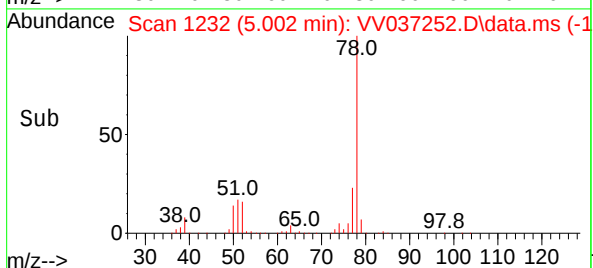
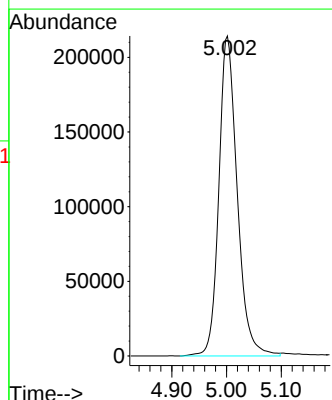
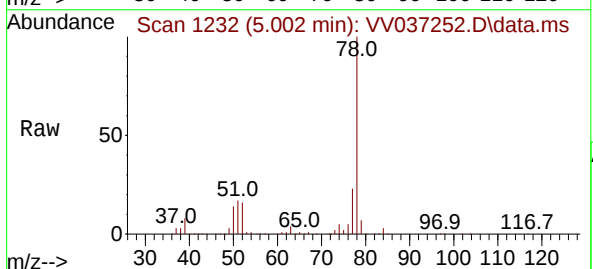
RT: 5.002 min Scan# 1232

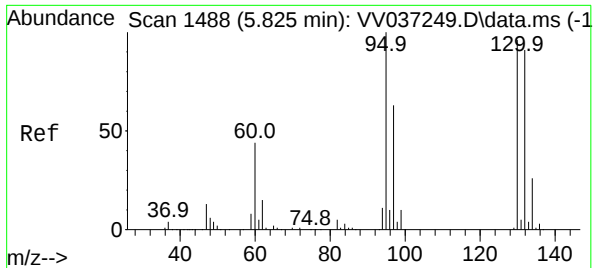
Delta R.T. -0.000 min

Lab File: VV037252.D

Acq: 11 Sep 2024 12:22

Tgt Ion: 78 Resp: 499844

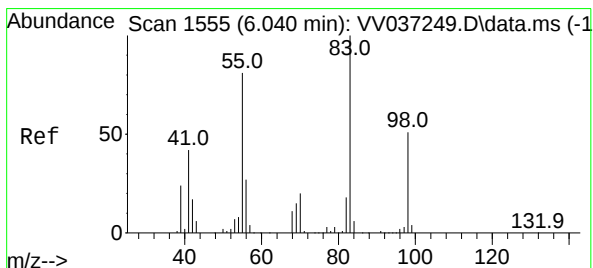
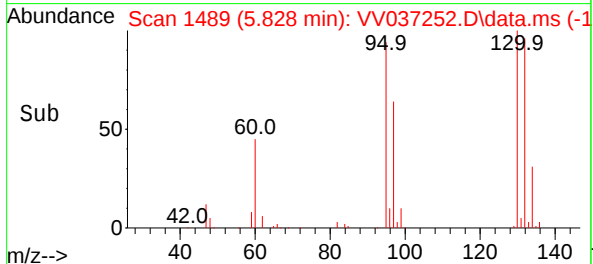
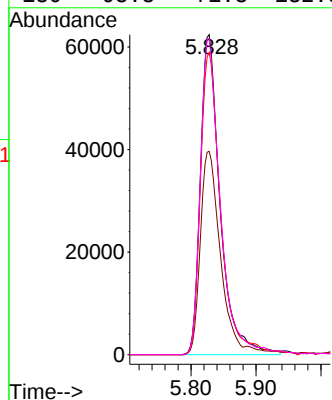
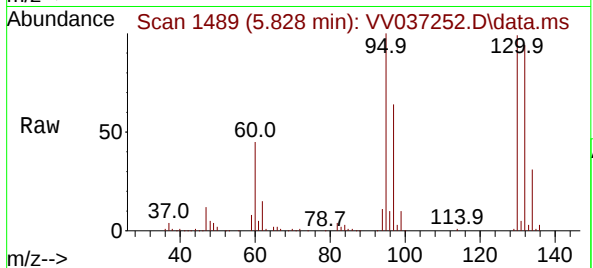




#34
Trichloroethene
Concen: 4.683 ug/L
RT: 5.828 min Scan# 1488
Delta R.T. 0.003 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

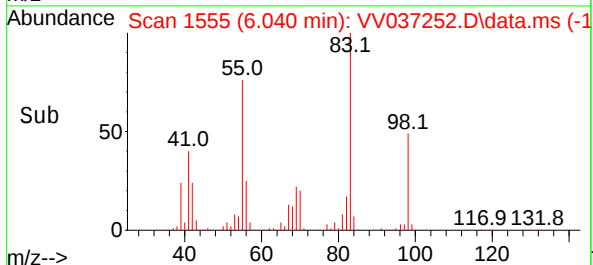
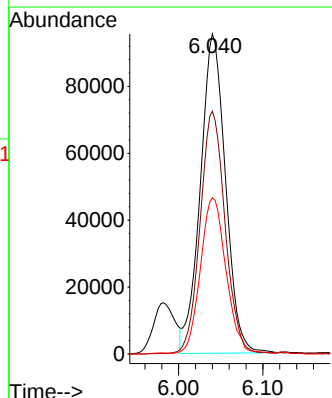
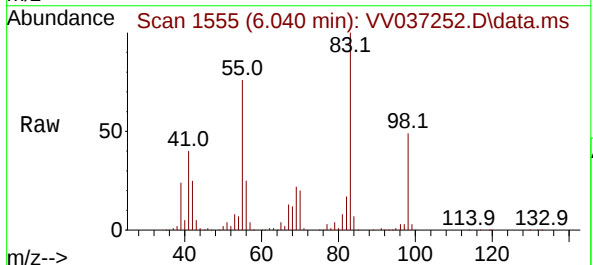
Instrument :
MSVOA_V
ClientSampleId :

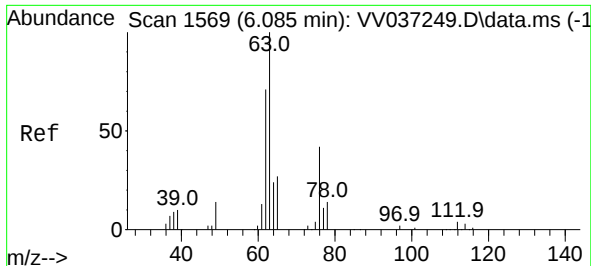
Tgt Ion: 95 Resp: 132260
Ion Ratio Lower Upper
95 100
97 63.5 46.5 86.5
132 94.5 65.5 121.7
130 98.8 71.3 132.3



#35
Methylcyclohexane
Concen: 4.622 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

Tgt Ion: 83 Resp: 198443
Ion Ratio Lower Upper
83 100
55 75.5 60.3 90.5
98 49.3 38.2 57.4





#37

1,2-Dichloropropane

Concen: 4.831 ug/L

RT: 6.085 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VV037252.D

Acq: 11 Sep 2024 12:22

Instrument :

MSVOA_V

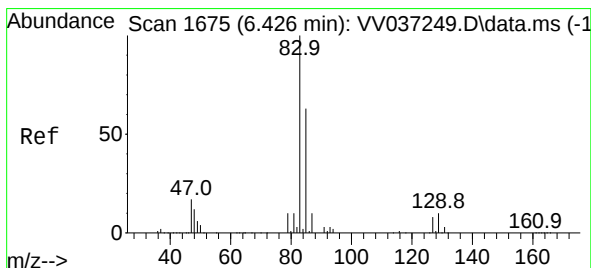
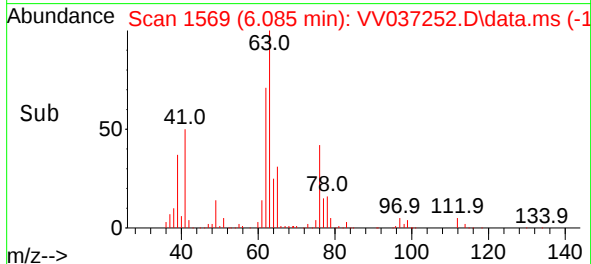
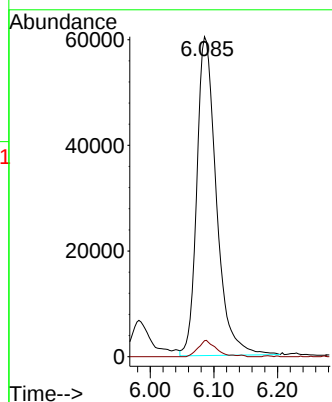
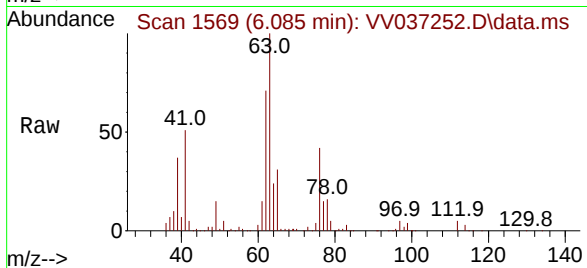
ClientSampleId :

Tgt Ion: 63 Resp: 128840

Ion Ratio Lower Upper

63 100

112 4.7 3.7 5.5



#38

Bromodichloromethane

Concen: 4.763 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VV037252.D

Acq: 11 Sep 2024 12:22

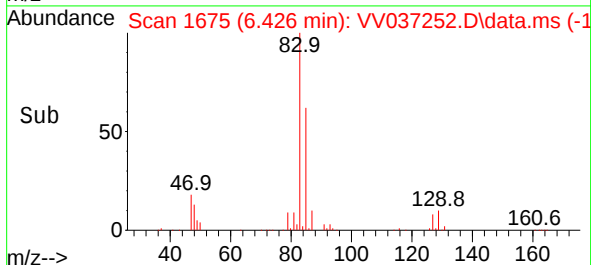
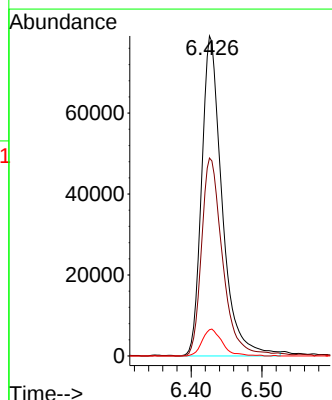
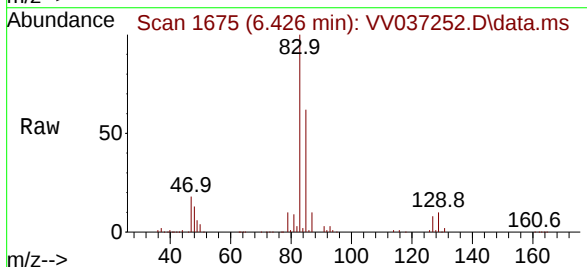
Tgt Ion: 83 Resp: 159003

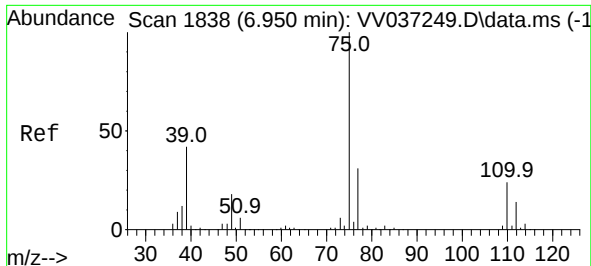
Ion Ratio Lower Upper

83 100

85 61.9 43.7 81.1

127 8.2 6.7 10.1

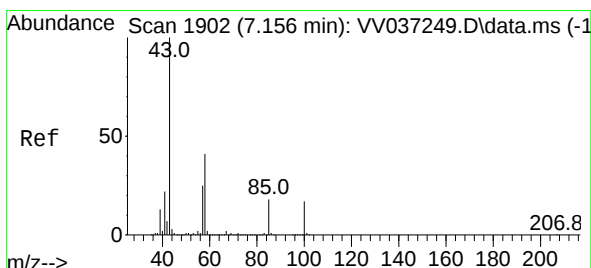
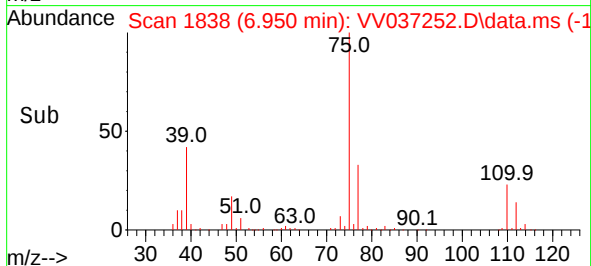
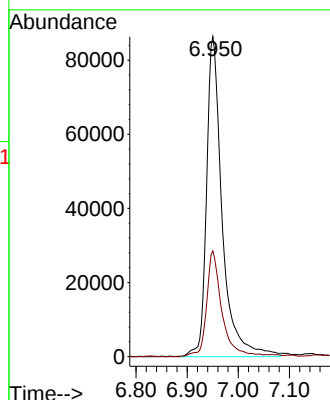
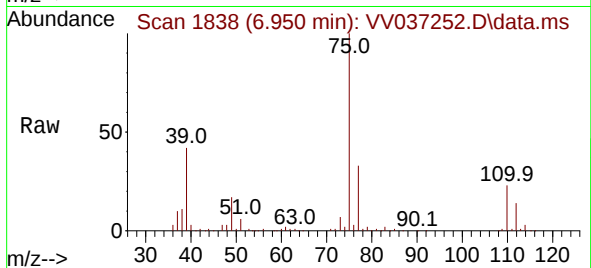




#39
 cis-1,3-Dichloropropene
 Concen: 4.755 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV037252.D
 Acq: 11 Sep 2024 12:22

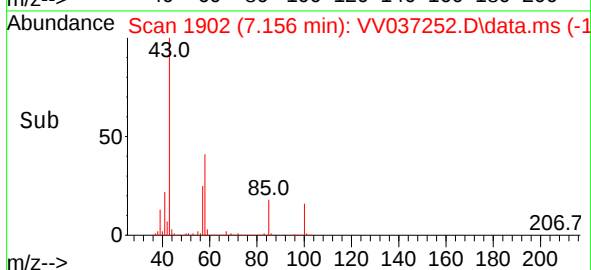
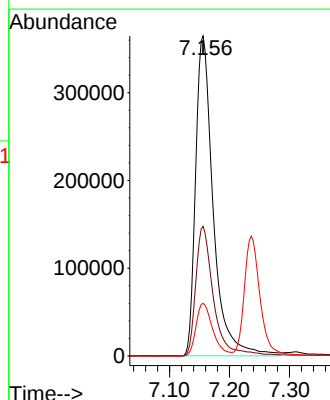
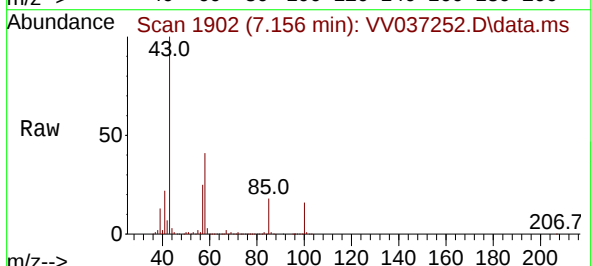
Instrument :
 MSVOA_V
 ClientSampleId :

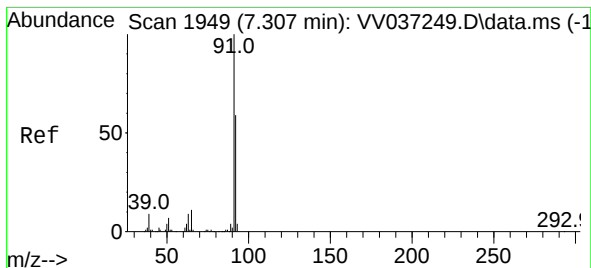
Tgt Ion: 75 Resp: 183659
 Ion Ratio Lower Upper
 75 100
 77 33.1 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 48.950 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. -0.000 min
 Lab File: VV037252.D
 Acq: 11 Sep 2024 12:22

Tgt Ion: 43 Resp: 747346
 Ion Ratio Lower Upper
 43 100
 58 40.9 31.7 47.5
 100 15.6 12.6 19.0





#42

Toluene

Concen: 4.873 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV037252.D

Acq: 11 Sep 2024 12:22

Instrument :

MSVOA_V

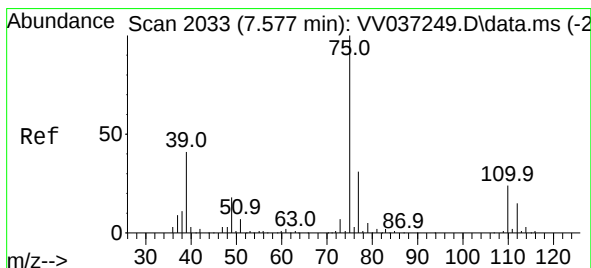
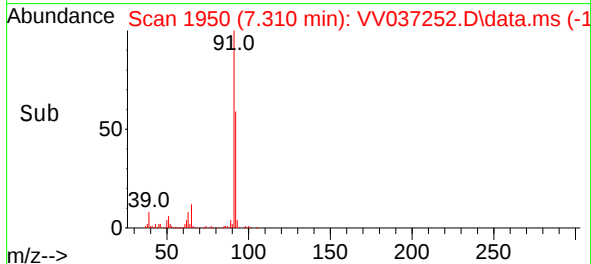
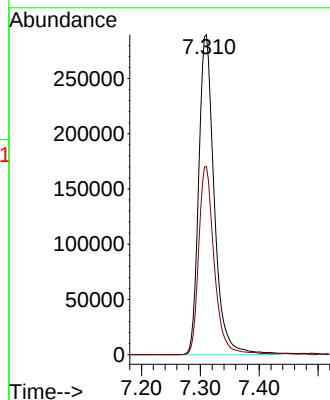
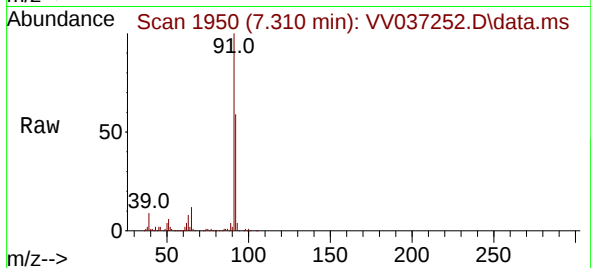
ClientSampleId :

Tgt Ion: 91 Resp: 531349

Ion Ratio Lower Upper

91 100

92 58.9 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 4.718 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV037252.D

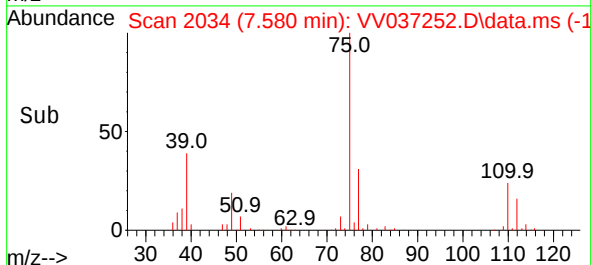
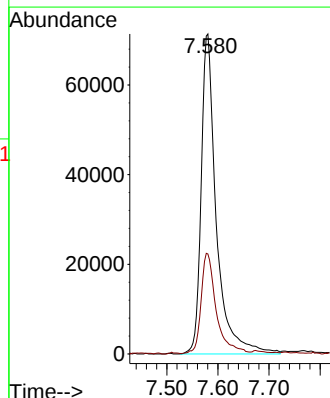
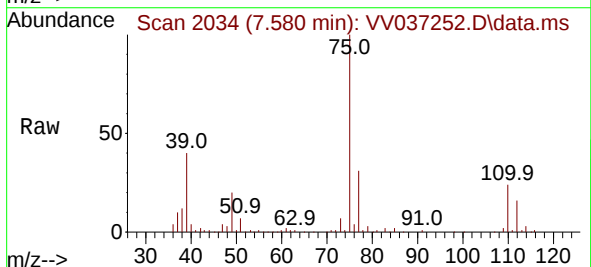
Acq: 11 Sep 2024 12:22

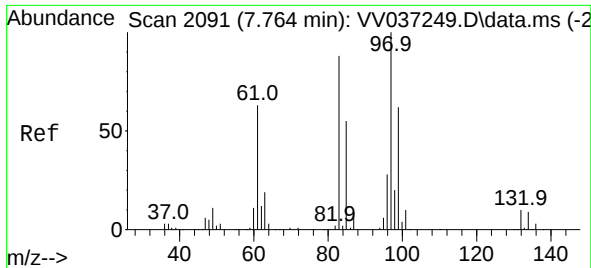
Tgt Ion: 75 Resp: 147080

Ion Ratio Lower Upper

75 100

77 31.3 20.9 38.9

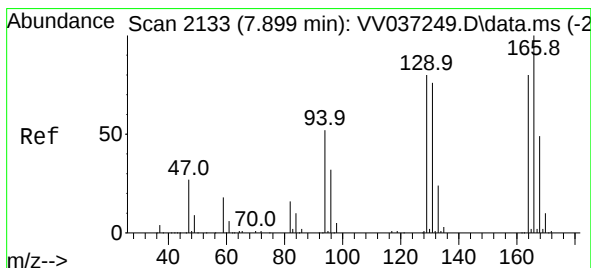
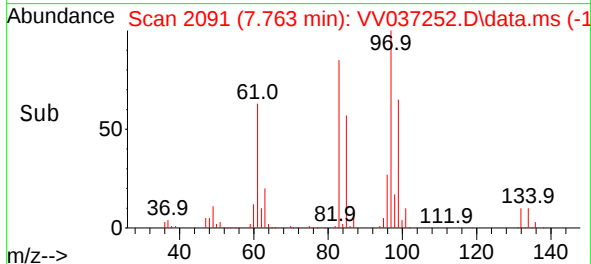
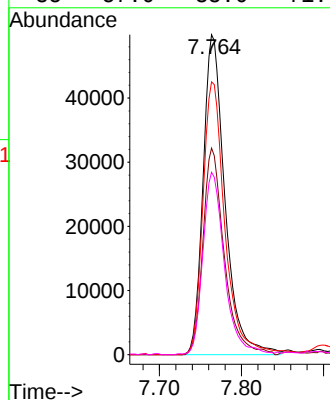
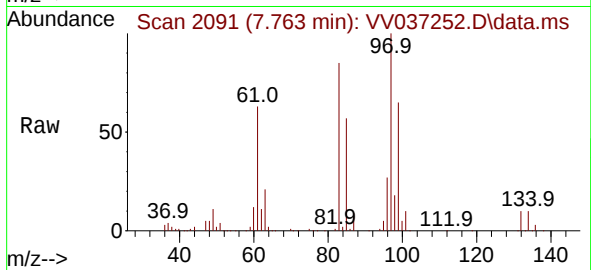




#45
1,1,2-Trichloroethane
Concen: 4.840 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

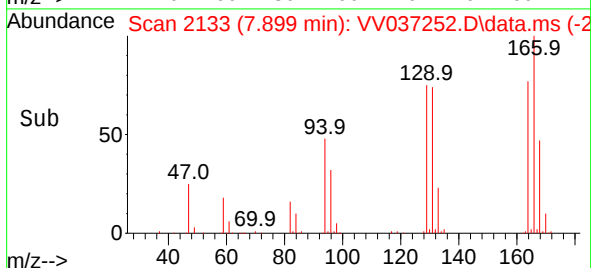
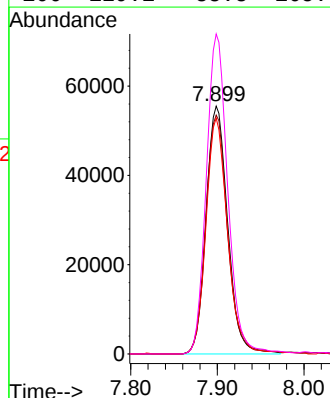
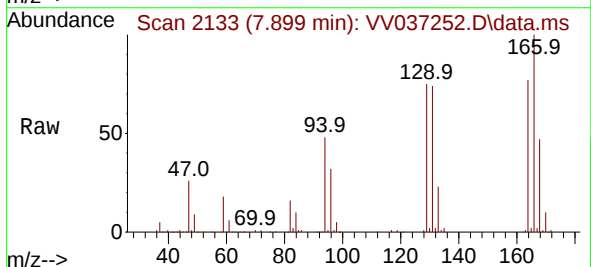
Instrument :
MSVOA_V
ClientSampleId :

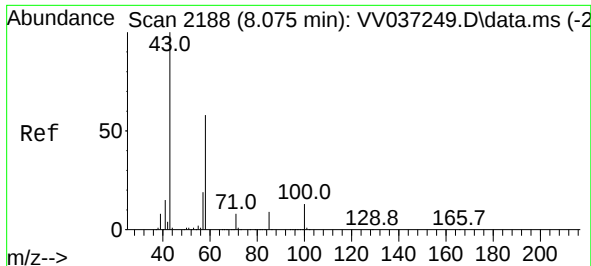
Tgt Ion: 97	Resp: 92382
Ion Ratio	Lower Upper
97 100	
99 64.6	43.1 80.1
83 85.3	61.0 113.4
85 57.0	38.6 71.6



#47
Tetrachloroethene
Concen: 4.759 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

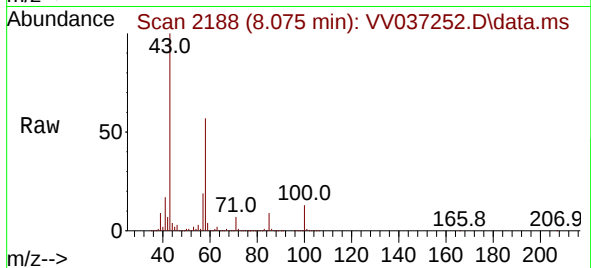
Tgt	Ion:164	Resp:	96213
Ion	Ratio	Lower	Upper
164	100		
129	96.4	69.2	128.4
131	95.2	66.6	123.8
166	129.1	88.8	165.0



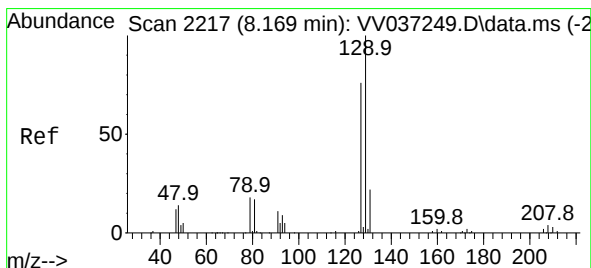
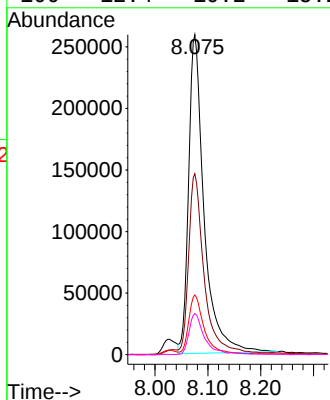
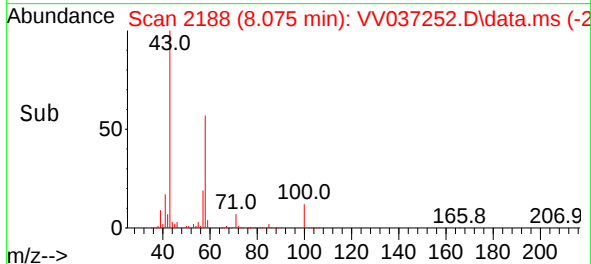


#48
2-Hexanone
Concen: 47.110 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

Instrument :
MSVOA_V
ClientSampleId :

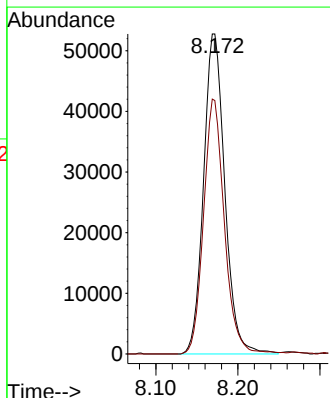
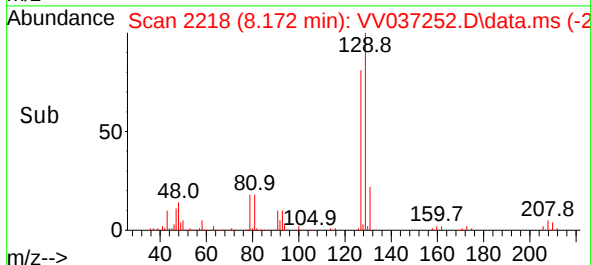
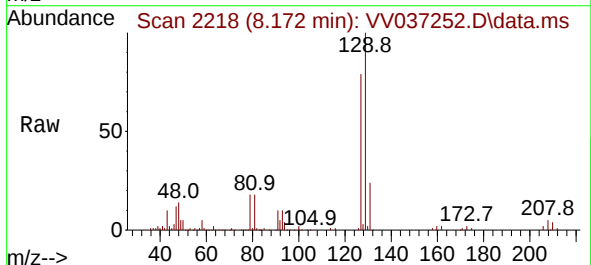


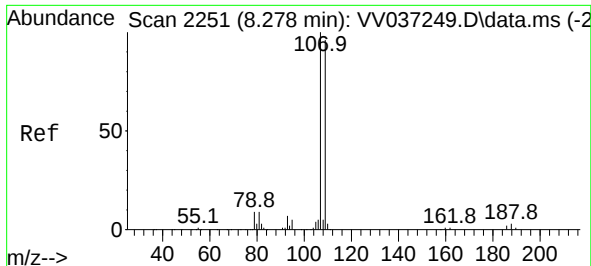
Tgt Ion: 43 Resp: 525706
Ion Ratio Lower Upper
43 100
58 56.1 45.5 68.3
57 18.4 15.3 22.9
100 12.4 10.2 15.2



#49
Dibromochloromethane
Concen: 4.751 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

Tgt Ion: 129 Resp: 95009
Ion Ratio Lower Upper
129 100
127 79.2 54.5 101.1

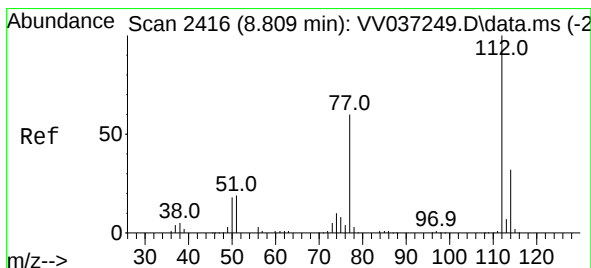
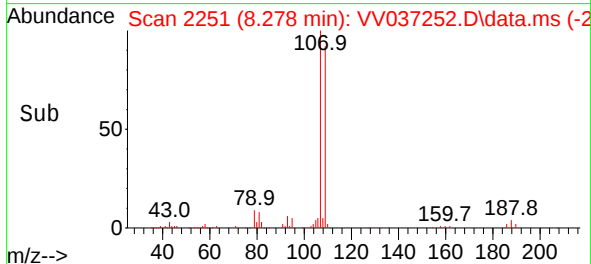
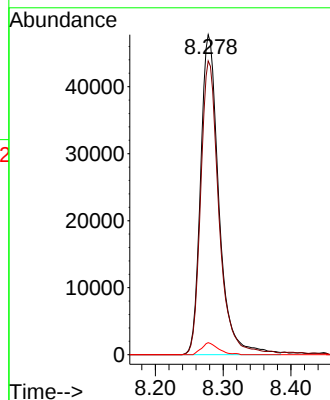
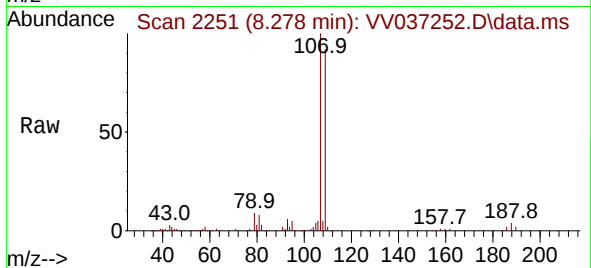




#50
1,2-Dibromoethane
Concen: 4.977 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

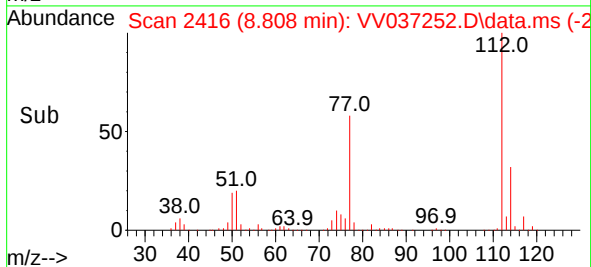
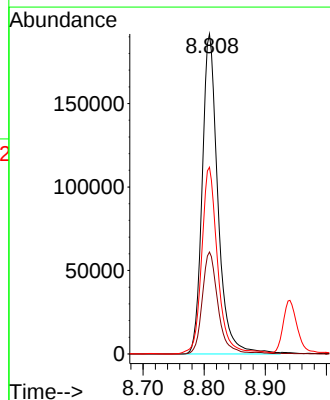
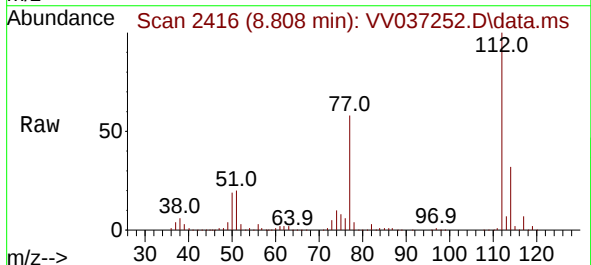
Instrument :
MSVOA_V
ClientSampleId :

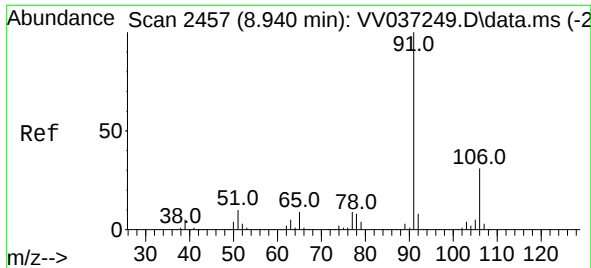
Tgt Ion:107 Resp: 89754
Ion Ratio Lower Upper
107 100
109 91.8 68.1 126.5
188 3.8 2.7 4.1



#51
Chlorobenzene
Concen: 4.712 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

Tgt Ion:112 Resp: 342097
Ion Ratio Lower Upper
112 100
114 31.9 22.6 42.0
77 58.3 47.0 70.6

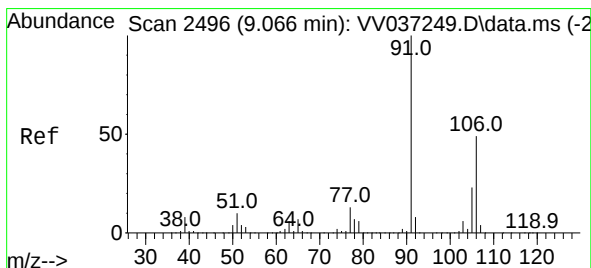
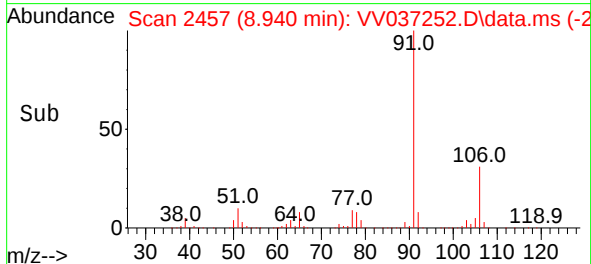
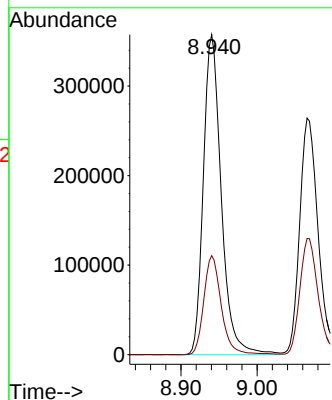
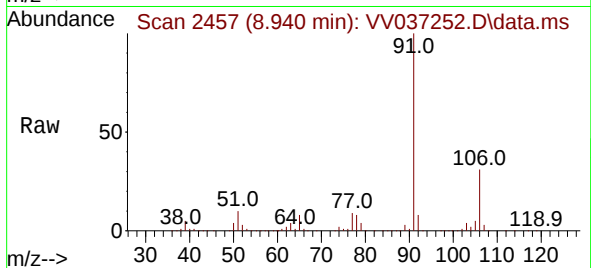




#52
Ethylbenzene
Concen: 4.804 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. -0.000 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

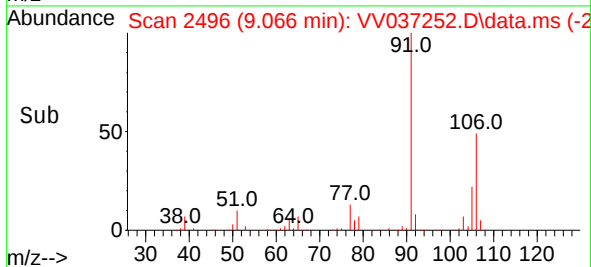
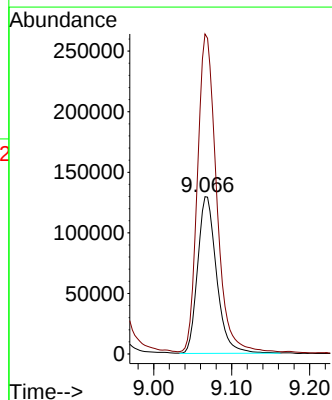
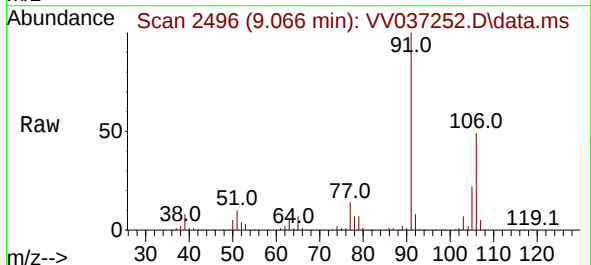
Instrument :
MSVOA_V
ClientSampleId :

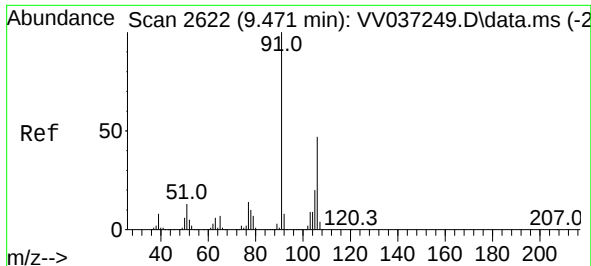
Tgt Ion: 91 Resp: 584552
Ion Ratio Lower Upper
91 100
106 31.0 21.7 40.3



#53
m,p-Xylene
Concen: 4.881 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

Tgt Ion: 106 Resp: 218514
Ion Ratio Lower Upper
106 100
91 203.5 143.3 266.1

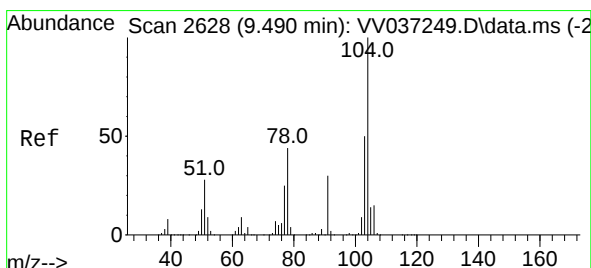
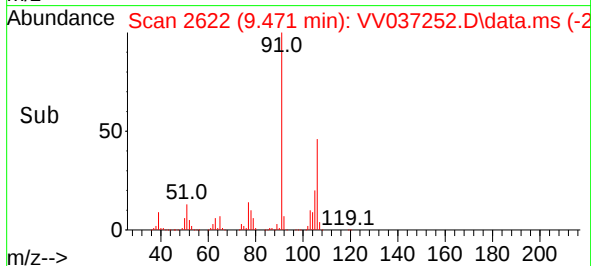
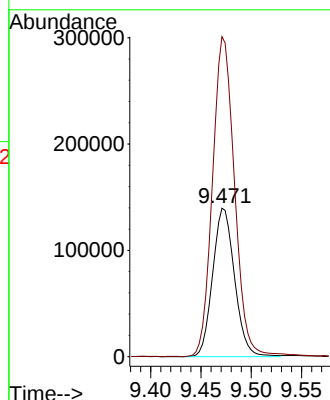
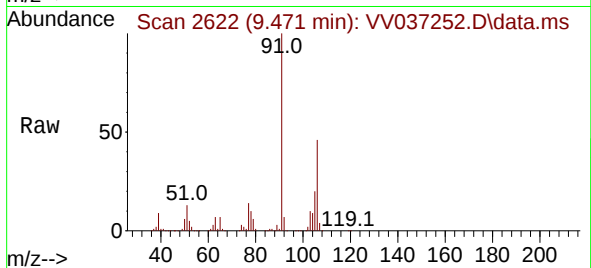




#54
o-Xylene
Concen: 4.777 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

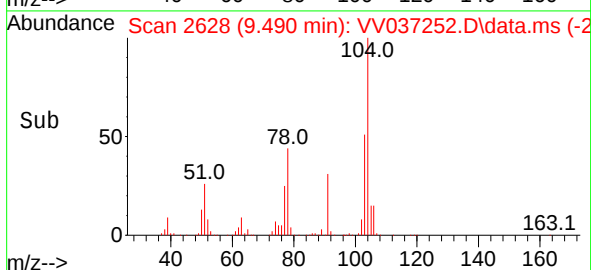
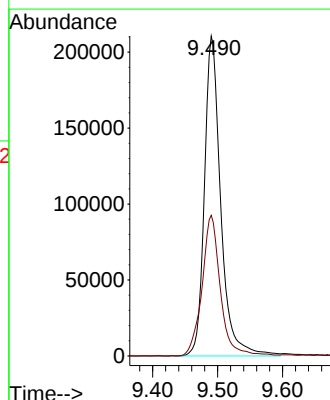
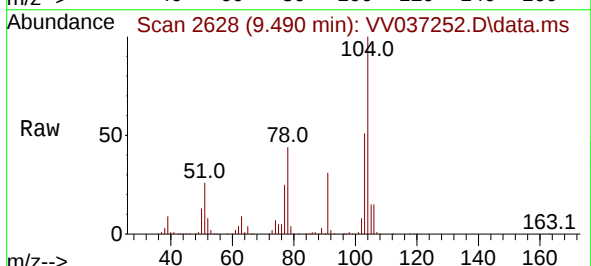
Instrument :
MSVOA_V
ClientSampleId :

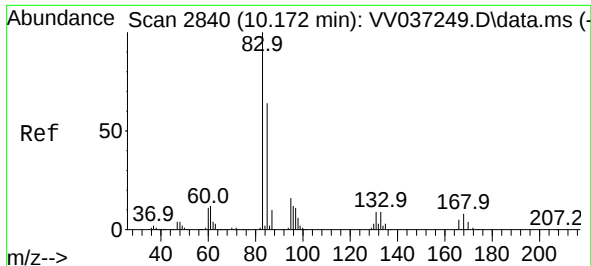
Tgt Ion:106 Resp: 211727
Ion Ratio Lower Upper
106 100
91 215.4 151.8 282.0



#55
Styrene
Concen: 4.909 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

Tgt Ion:104 Resp: 368873
Ion Ratio Lower Upper
104 100
78 43.9 29.2 54.2





#57

1,1,2,2-Tetrachloroethane

Concen: 4.755 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. -0.000 min

Lab File: VV037252.D

Acq: 11 Sep 2024 12:22

Instrument :

MSVOA_V

ClientSampleId :

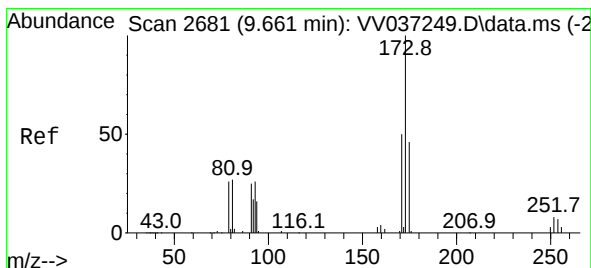
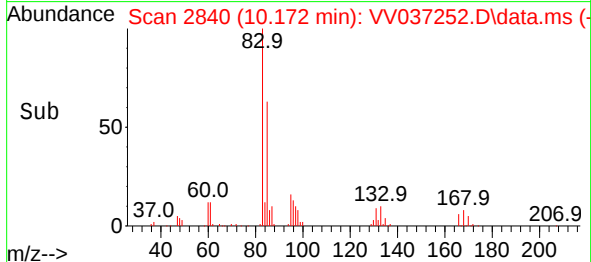
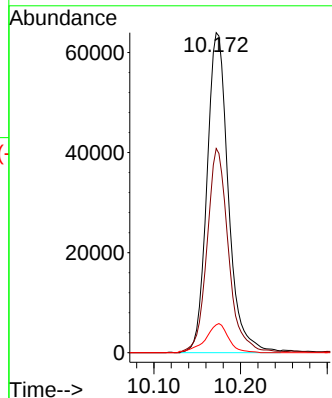
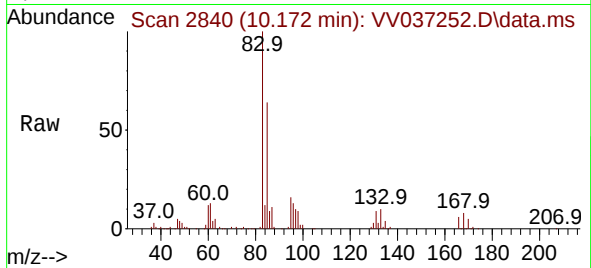
Tgt Ion: 83 Resp: 109632

Ion Ratio Lower Upper

83 100

85 63.8 43.2 80.2

131 8.7 6.9 10.3



#59

Bromoform

Concen: 4.440 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. -0.000 min

Lab File: VV037252.D

Acq: 11 Sep 2024 12:22

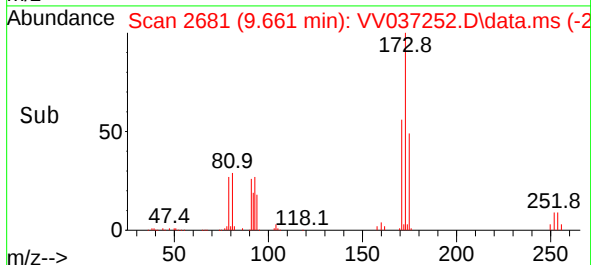
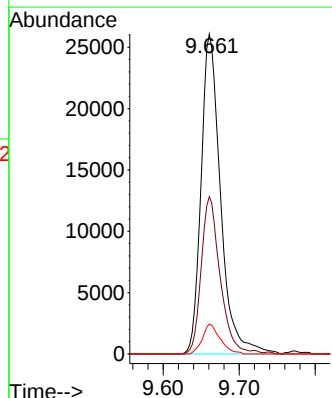
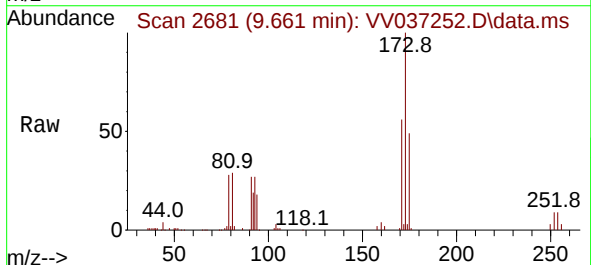
Tgt Ion: 173 Resp: 46436

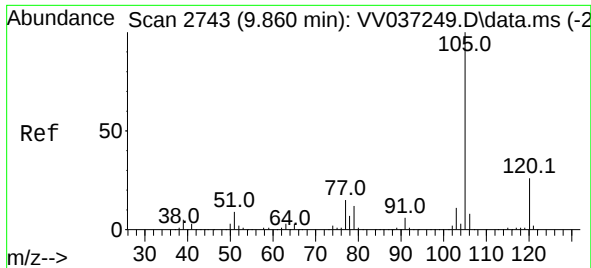
Ion Ratio Lower Upper

173 100

175 47.2 38.7 58.1

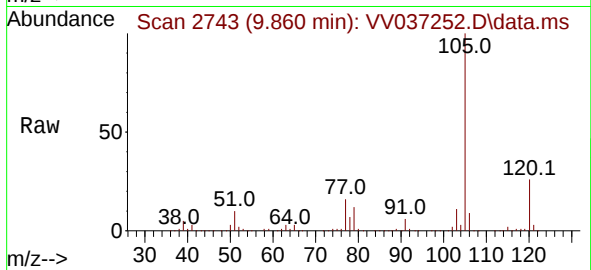
254 8.5 6.8 10.2



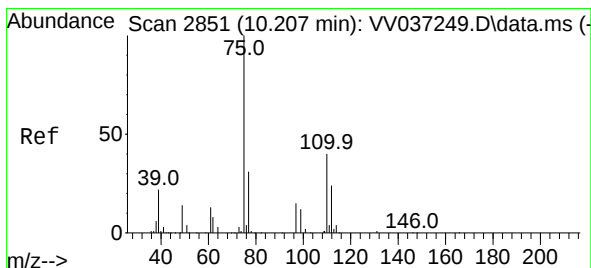
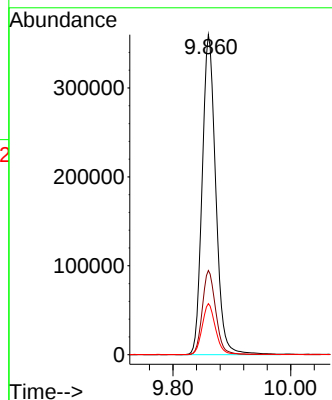
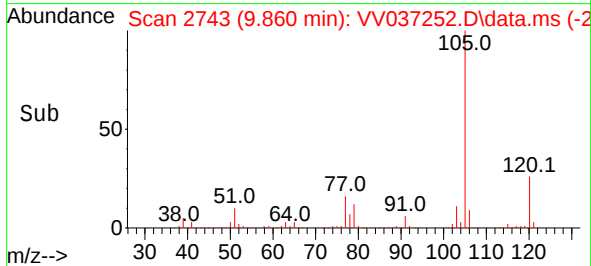


#60
Isopropylbenzene
Concen: 4.814 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

Instrument :
MSVOA_V
ClientSampleId :

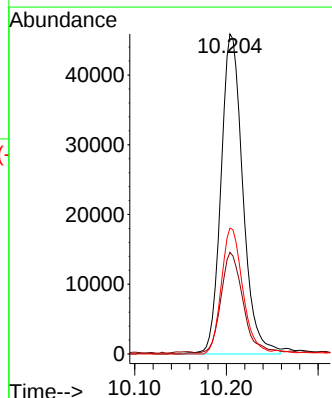
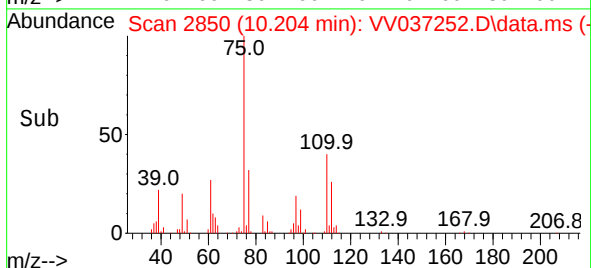
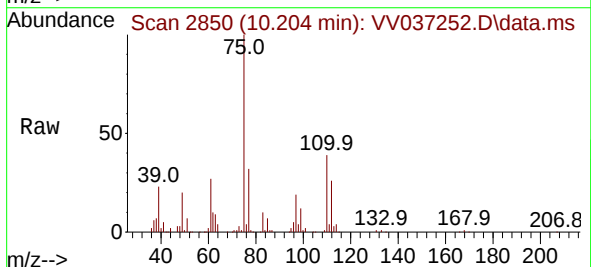


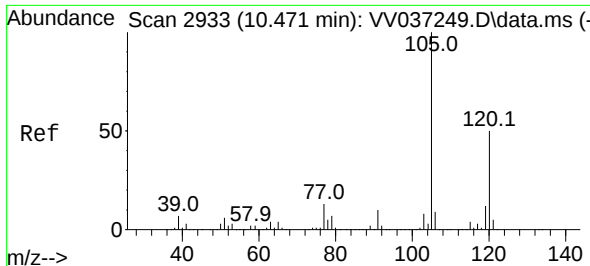
Tgt Ion:105 Resp: 576007
Ion Ratio Lower Upper
105 100
120 26.1 20.2 30.4
77 15.7 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 4.667 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.003 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

Tgt Ion: 75 Resp: 75920
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4
110 38.6 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 4.839 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.000 min

Lab File: VV037252.D

Acq: 11 Sep 2024 12:22

Instrument :

MSVOA_V

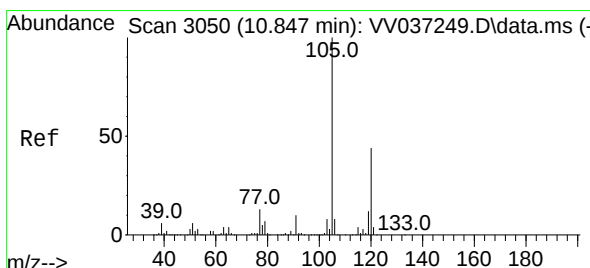
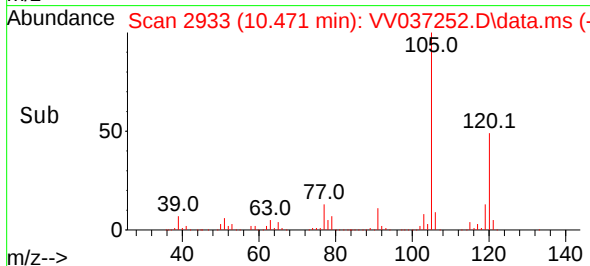
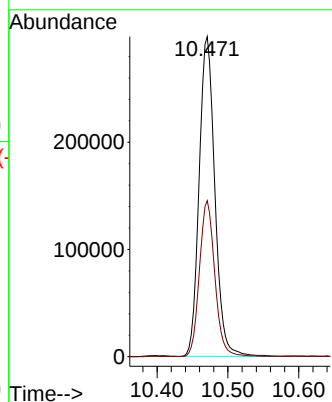
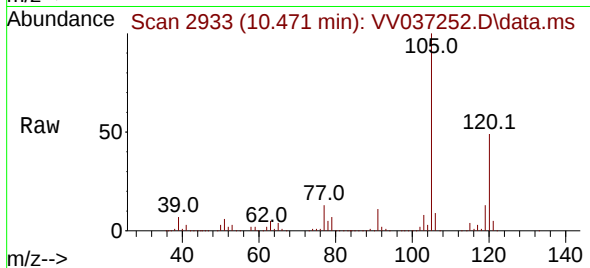
ClientSampleId :

Tgt Ion:105 Resp: 459113

Ion Ratio Lower Upper

105 100

120 47.8 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 4.840 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VV037252.D

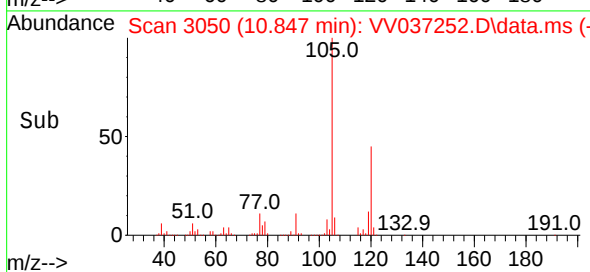
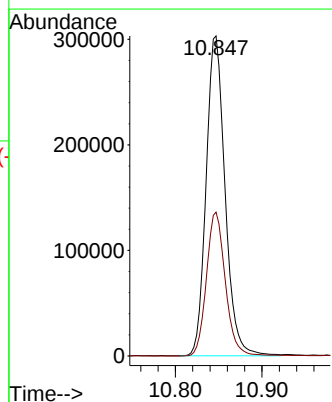
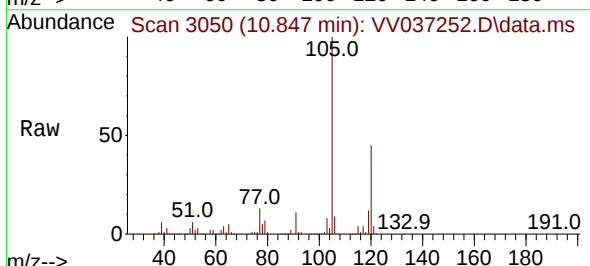
Acq: 11 Sep 2024 12:22

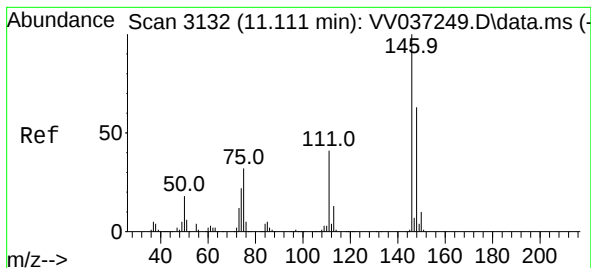
Tgt Ion:105 Resp: 461287

Ion Ratio Lower Upper

105 100

120 44.9 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 4.730 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV037252.D

Acq: 11 Sep 2024 12:22

Instrument :

MSVOA_V

ClientSampleId :

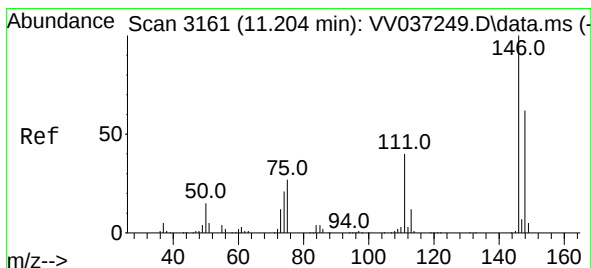
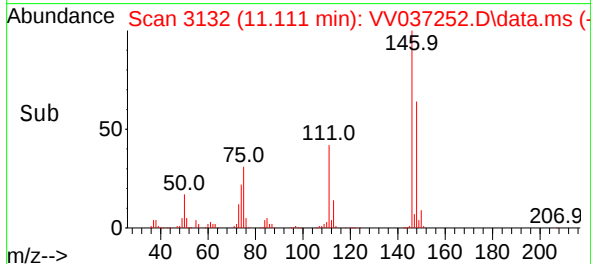
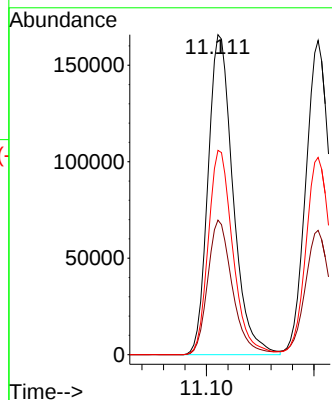
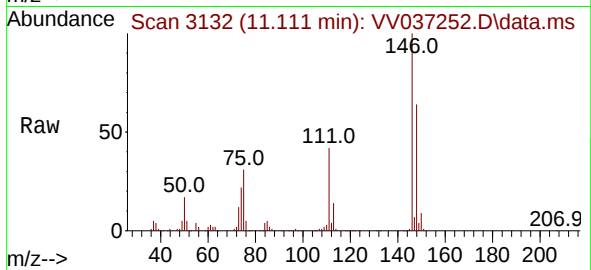
Tgt Ion:146 Resp: 267546

Ion Ratio Lower Upper

146 100

111 42.0 28.8 53.4

148 63.9 45.6 84.6



#65

1,4-Dichlorobenzene

Concen: 4.651 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV037252.D

Acq: 11 Sep 2024 12:22

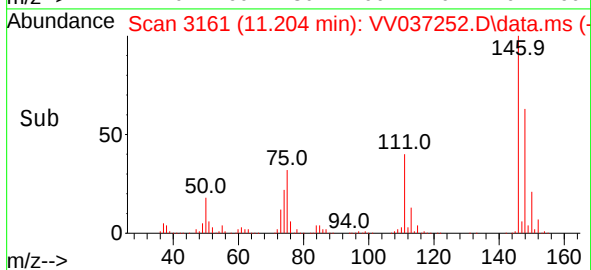
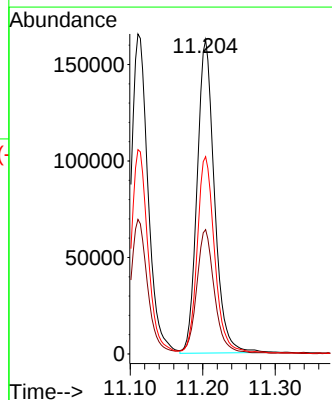
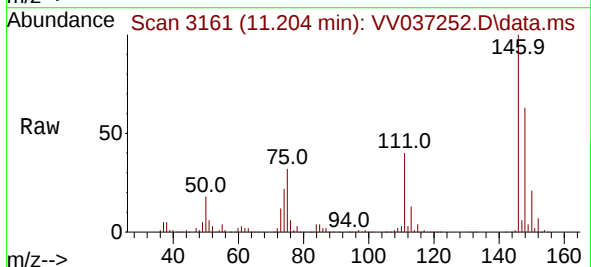
Tgt Ion:146 Resp: 269813

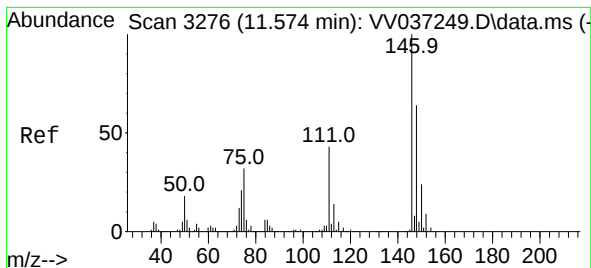
Ion Ratio Lower Upper

146 100

111 39.6 28.2 52.4

148 62.8 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 4.677 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. -0.000 min

Lab File: VV037252.D

Acq: 11 Sep 2024 12:22

Instrument :

MSVOA_V

ClientSampleId :

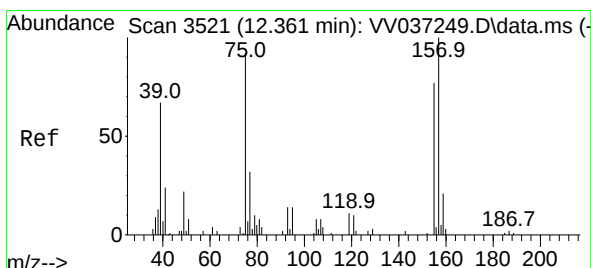
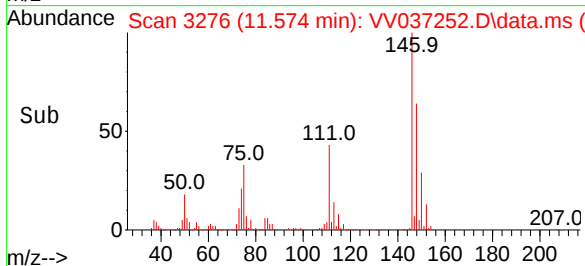
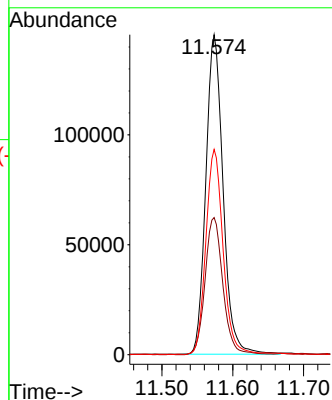
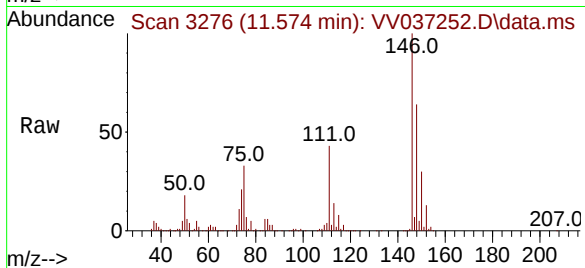
Tgt Ion:146 Resp: 245246

Ion Ratio Lower Upper

146 100

111 42.9 34.4 51.6

148 64.1 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.428 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV037252.D

Acq: 11 Sep 2024 12:22

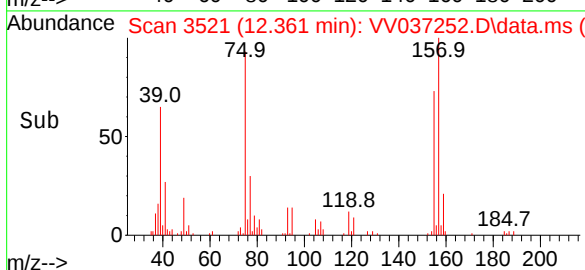
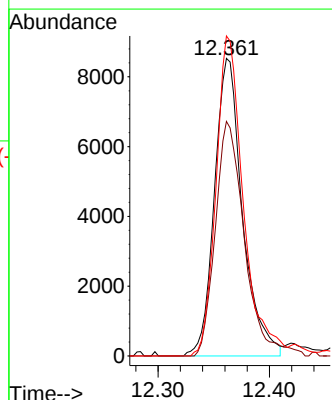
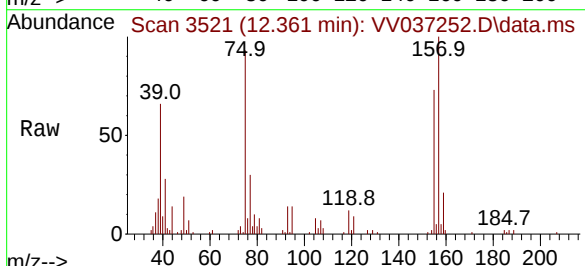
Tgt Ion: 75 Resp: 14937

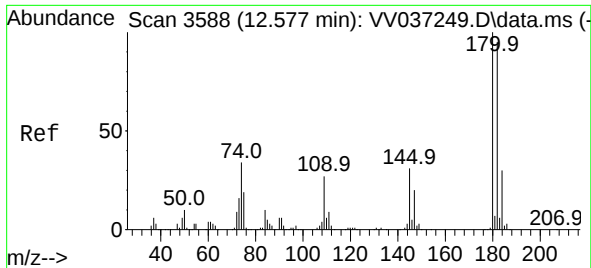
Ion Ratio Lower Upper

75 100

155 78.8 60.6 90.8

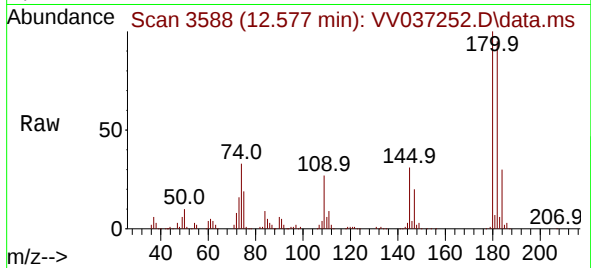
157 107.5 81.1 121.7



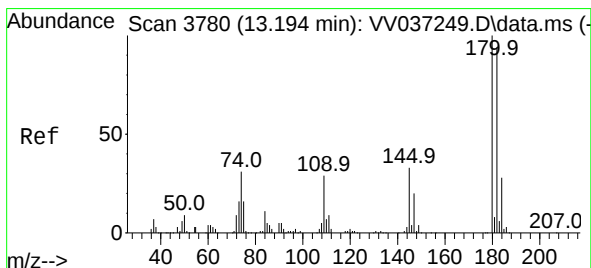
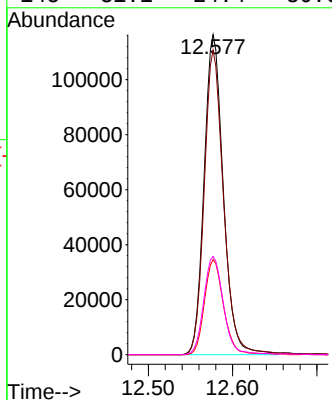
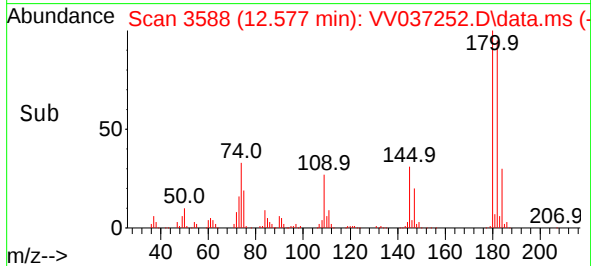


#69
1,3,5-Trichlorobenzene
Concen: 4.590 ug/L
RT: 12.577 min Scan# 3588
Delta R.T. -0.000 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

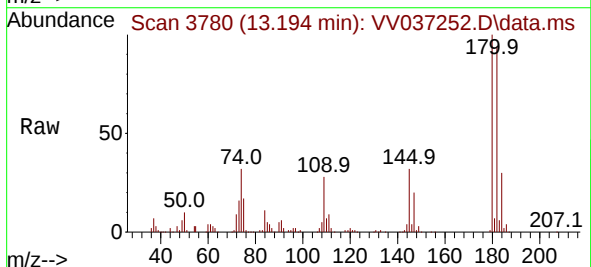
Instrument :
MSVOA_V
ClientSampleId :



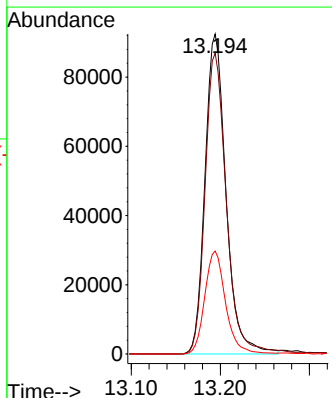
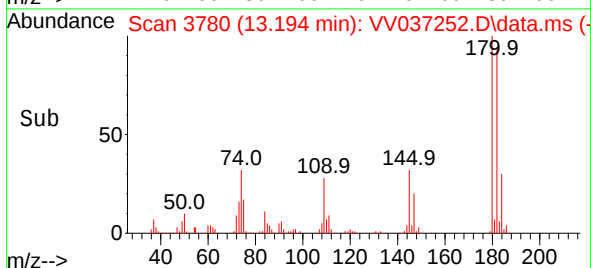
Tgt Ion:180 Resp: 185132
Ion Ratio Lower Upper
180 100
182 95.2 74.3 111.5
184 29.5 24.3 36.5
145 31.1 24.4 36.6

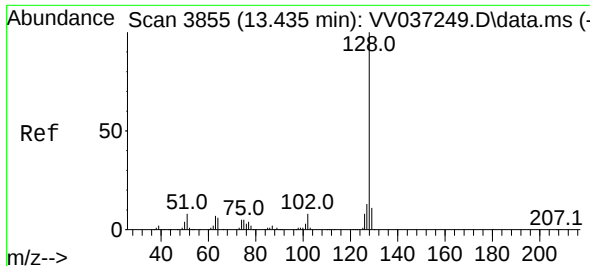


#70
1,2,4-trichlorobenzene
Concen: 4.561 ug/L
RT: 13.194 min Scan# 3780
Delta R.T. -0.000 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22



Tgt Ion:180 Resp: 151445
Ion Ratio Lower Upper
180 100
182 95.3 75.4 113.0
145 31.9 25.8 38.6

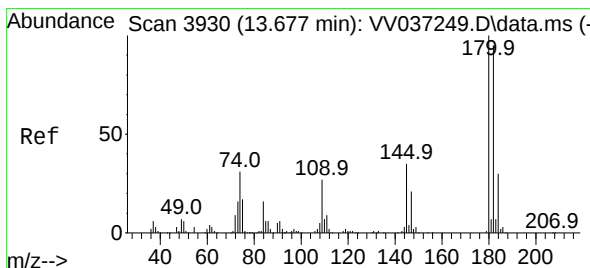
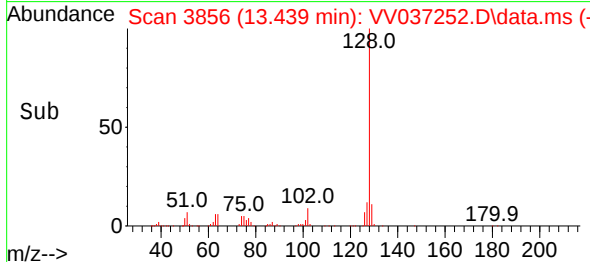
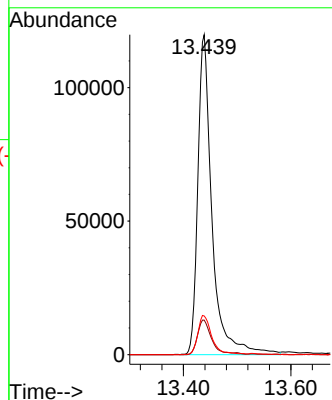
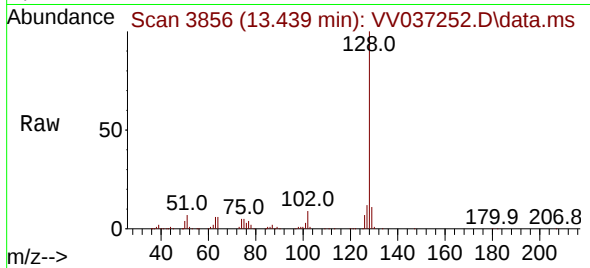




#71
Naphthalene
Concen: 4.324 ug/L
RT: 13.439 min Scan# 3855
Delta R.T. 0.003 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 219417
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 12.0 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.722 ug/L
RT: 13.676 min Scan# 3930
Delta R.T. -0.000 min
Lab File: VV037252.D
Acq: 11 Sep 2024 12:22

Tgt Ion:180 Resp: 129732
Ion Ratio Lower Upper
180 100
182 94.1 73.4 110.0
145 33.6 27.2 40.8

