

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110624\
 Data File : VV037921.D
 Acq On : 06 Nov 2024 10:53
 Operator : SY/MD
 Sample : VSTD001
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 06 21:27:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 06 21:26:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	283713	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	302893	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	149431	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22000	1.013	ug/L	0.00
7) Chloroethane-d5	1.532	69	18385	1.039	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	9433	1.001	ug/L	0.00
20) 2-Butanone-d5	3.854	46	19264	5.143	ug/L	0.05
24) Chloroform-d	4.249	84	40313	1.018	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	17859	0.985	ug/L	0.00
32) Benzene-d6	4.963	84	74261	0.951	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	21681	0.873	ug/L	0.00
41) Toluene-d8	7.243	98	65088	0.927	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	7325	0.859	ug/L	0.02
46) 2-Hexanone-d5	8.040	63	24860	7.495	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.149	84	18740	1.019	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	24919	1.011	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	29917	1.056	ug/L	98
3) Chloromethane	1.217	50	28368	1.065	ug/L	99
5) Vinyl chloride	1.282	62	26734	1.008	ug/L	93
6) Bromomethane	1.487	94	15545	1.036	ug/L	95
8) Chloroethane	1.548	64	16041	1.017	ug/L	98
9) Trichlorofluoromethane	1.712	101	38716	1.051	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	21766	1.032	ug/L	96
12) 1,1-Dichloroethene	2.066	96	19898	1.027	ug/L	89
13) Acetone	2.140	43	29846	10.388	ug/L	97
14) Carbon disulfide	2.240	76	65638	0.998	ug/L	99
15) Methyl Acetate	2.394	43	6922	1.018	ug/L	96
16) Methylene chloride	2.445	84	23699	1.048	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	41629	0.961	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	21060	1.006	ug/L	92
19) 1,1-Dichloroethane	3.111	63	40083	1.054	ug/L	100
21) 2-Butanone	3.921	43	9698	2.465	ug/L #	25
22) cis-1,2-Dichloroethene	3.822	96	20733	0.940	ug/L	99
23) Bromochloromethane	4.162	128	10180	1.022	ug/L	92
25) Chloroform	4.275	83	41358	1.035	ug/L	94
27) 1,2-Dichloroethane	5.053	62	21936	0.991	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	36657	1.012	ug/L	98
30) Cyclohexane	4.574	56	28007	0.873	ug/L	94
31) Carbon tetrachloride	4.732	117	31329	0.986	ug/L	99
33) Benzene	5.011	78	77315	0.929	ug/L	100
34) Trichloroethene	5.838	95	21702	0.942	ug/L	94
35) Methylcyclohexane	6.040	83	29790	0.867	ug/L	93
37) 1,2-Dichloropropane	6.095	63	18398	0.884	ug/L	100
38) Bromodichloromethane	6.432	83	27047	0.980	ug/L	96
39) cis-1,3-Dichloropropene	6.963	75	24618	0.834	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	87233	8.505	ug/L	95
42) Toluene	7.317	91	80904	0.919	ug/L	96
44) trans-1,3-Dichloropropene	7.593	75	22064	0.897	ug/L	92

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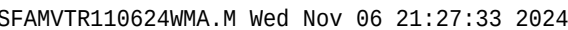
Instrument :
 MSVOA_V
 ClientSampleId :

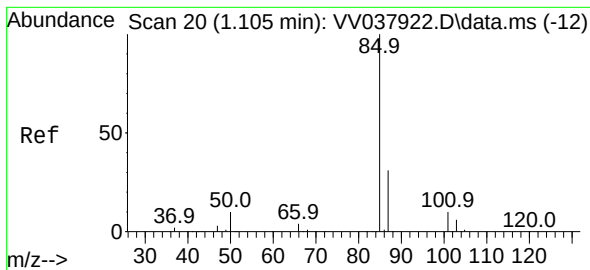
Quant Time: Nov 06 21:27:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	15327	0.962	ug/L	97
47) Tetrachloroethene	7.902	164	17565	0.980	ug/L	98
48) 2-Hexanone	8.088	43	51222	7.168	ug/L	96
49) Dibromochloromethane	8.172	129	17656	0.981	ug/L	96
50) 1,2-Dibromoethane	8.284	107	14113	0.960	ug/L	97
51) Chlorobenzene	8.812	112	58647	0.974	ug/L	99
52) Ethylbenzene	8.944	91	83365	0.879	ug/L	100
53) m,p-Xylene	9.072	106	31203	0.862	ug/L	86
54) o-Xylene	9.477	106	30032	0.872	ug/L	94
55) Styrene	9.500	104	45672	0.785	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	18101	0.990	ug/L	97
59) Bromoform	9.667	173	8764	1.006	ug/L	98
60) Isopropylbenzene	9.863	105	79122	0.909	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	11561	0.989	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	59161	0.864	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	56587	0.838	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	43825	0.994	ug/L	96
65) 1,4-Dichlorobenzene	11.204	146	44293	0.973	ug/L	95
67) 1,2-Dichlorobenzene	11.574	146	40322	0.989	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	2384	0.940	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.580	180	29299	0.942	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	20744	0.849	ug/L	91
71) Naphthalene	13.445	128	26376	0.798	ug/L	97
72) 1,2,3-Trichlorobenzene	13.677	180	18297	0.869	ug/L	96

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

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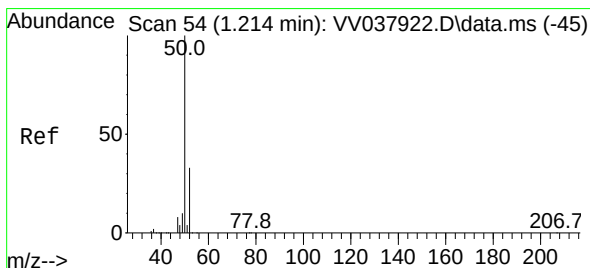
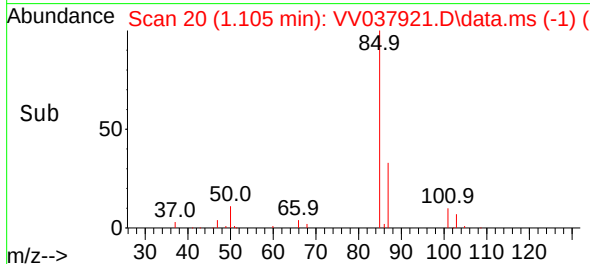
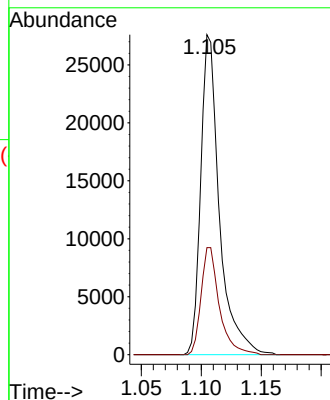
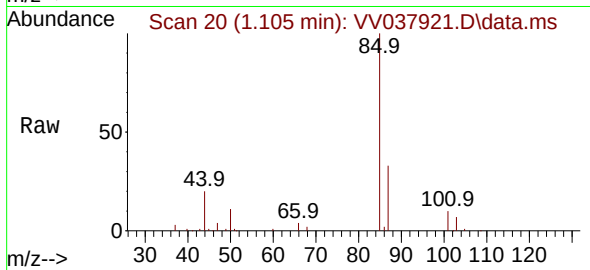




#2
 Dichlorodifluoromethane
 Concen: 1.056 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV037921.D
 Acq: 06 Nov 2024 10:53

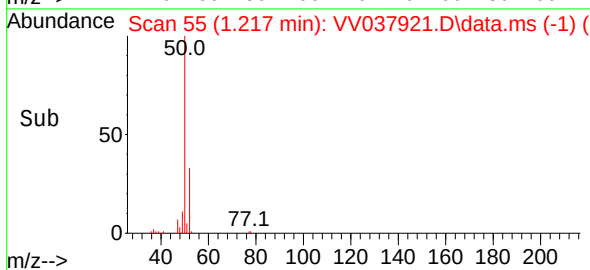
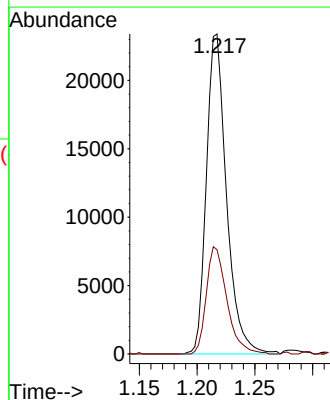
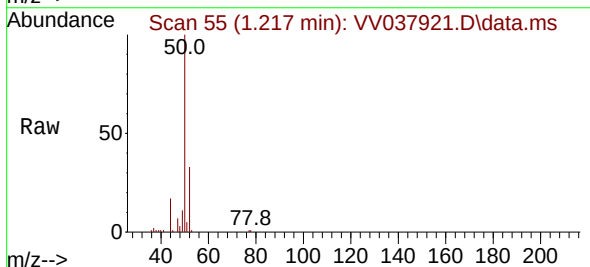
Instrument :
 MSVOA_V
 ClientSampleId :

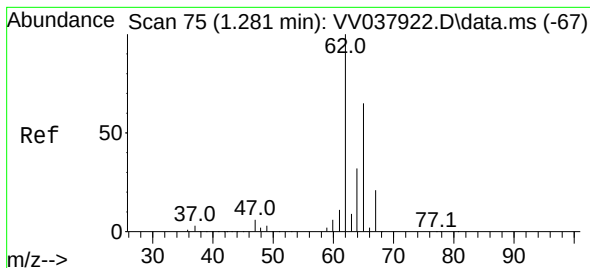
Tgt Ion: 85 Resp: 29917
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.4 38.0



#3
 Chloromethane
 Concen: 1.065 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV037921.D
 Acq: 06 Nov 2024 10:53

Tgt Ion: 50 Resp: 28368
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.4 43.4





#5

Vinyl chloride

Concen: 1.008 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Instrument :

MSVOA_V

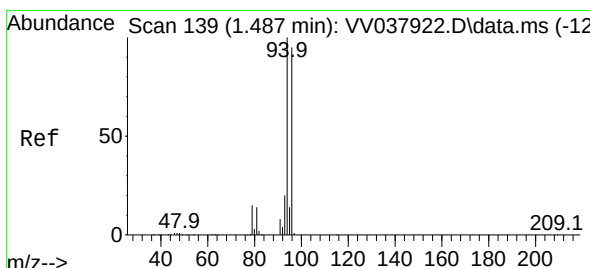
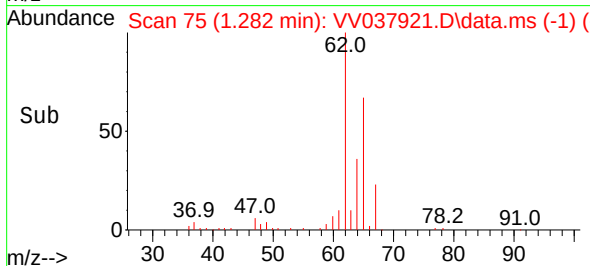
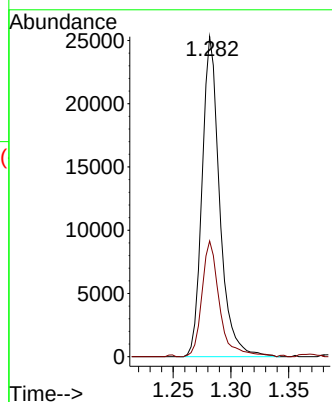
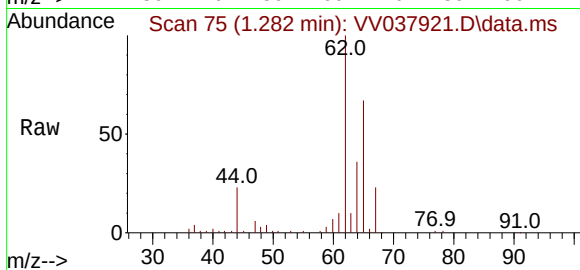
ClientSampleId :

Tgt Ion: 62 Resp: 26734

Ion Ratio Lower Upper

62 100

64 36.2 22.4 41.6



#6

Bromomethane

Concen: 1.036 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV037921.D

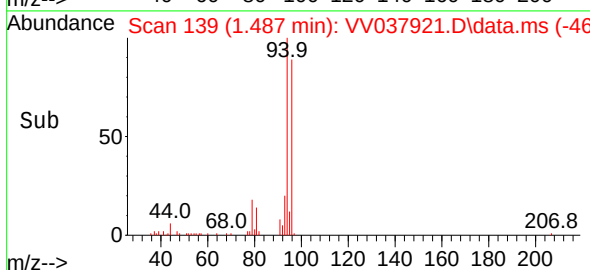
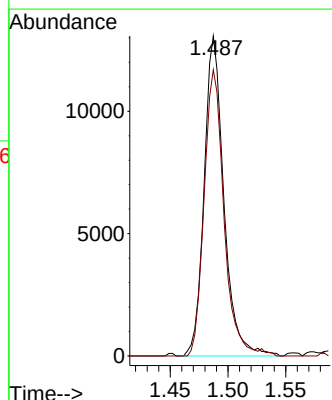
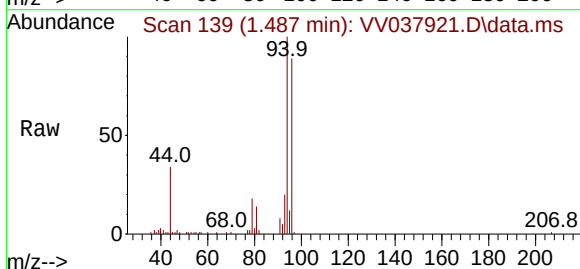
Acq: 06 Nov 2024 10:53

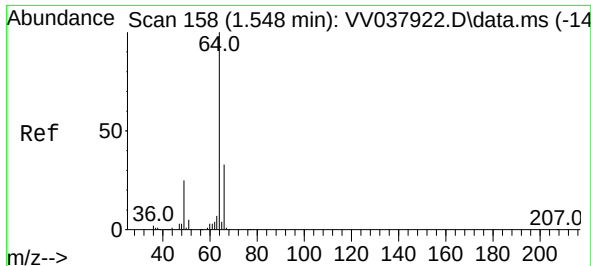
Tgt Ion: 94 Resp: 15545

Ion Ratio Lower Upper

94 100

96 89.4 66.3 123.1

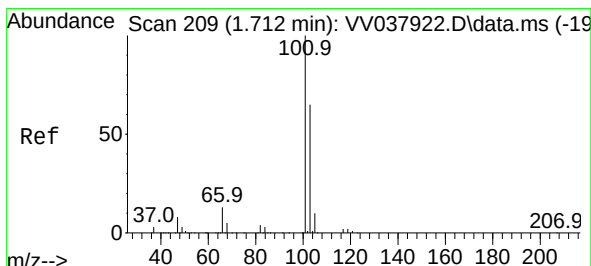
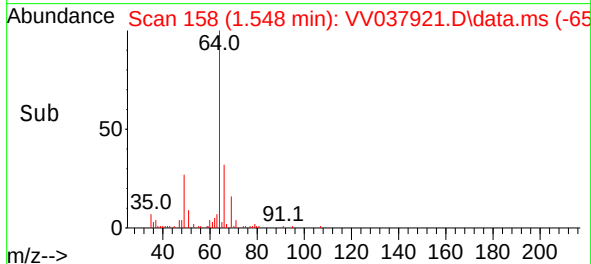
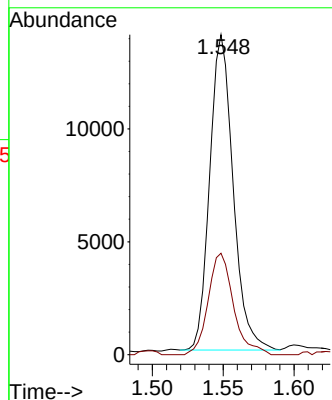
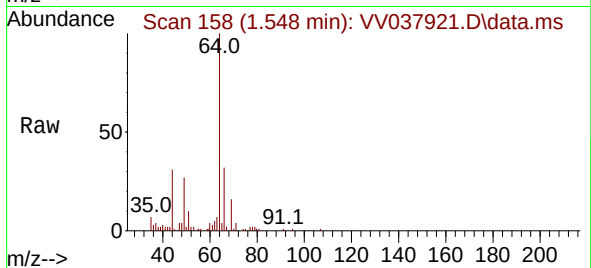




#8
Chloroethane
Concen: 1.017 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037921.D
Acq: 06 Nov 2024 10:53

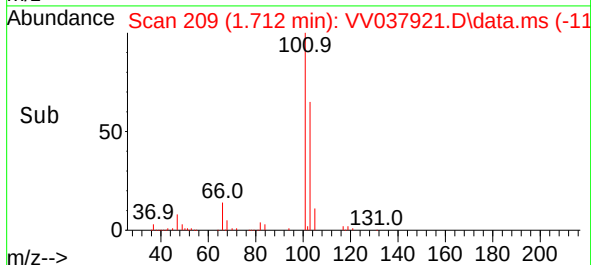
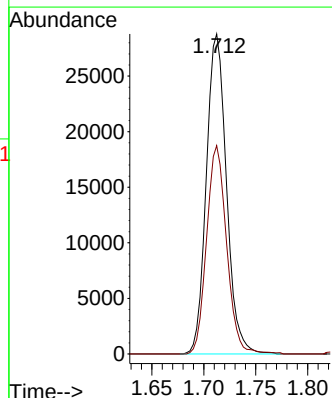
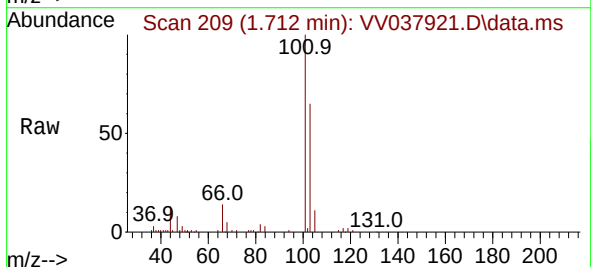
Instrument :
MSVOA_V
ClientSampleId :

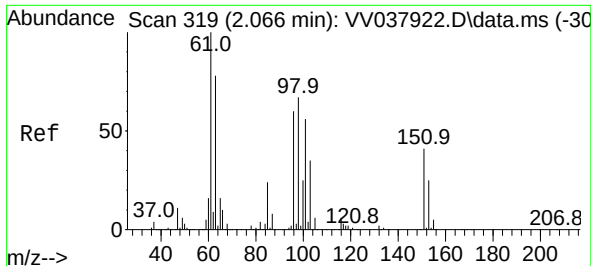
Tgt Ion: 64 Resp: 16041
Ion Ratio Lower Upper
64 100
66 31.7 23.0 42.8



#9
Trichlorofluoromethane
Concen: 1.051 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037921.D
Acq: 06 Nov 2024 10:53

Tgt Ion:101 Resp: 38716
Ion Ratio Lower Upper
101 100
103 64.8 51.7 77.5





#10

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

Concen: 1.032 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Instrument :

MSVOA_V

ClientSampleId :

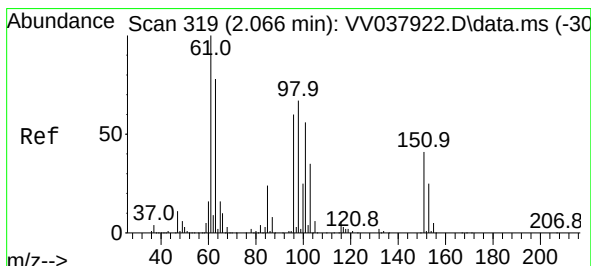
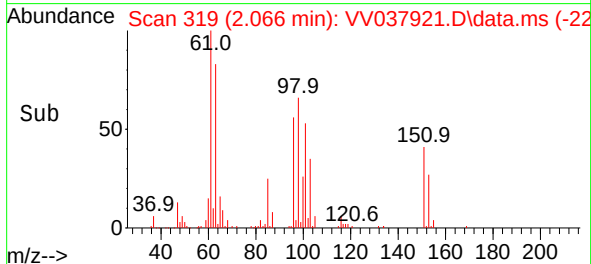
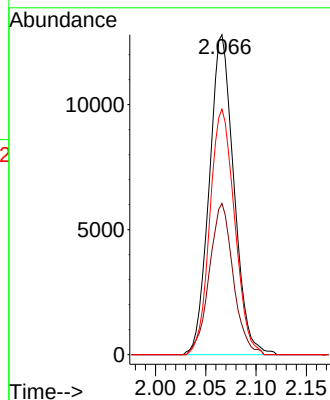
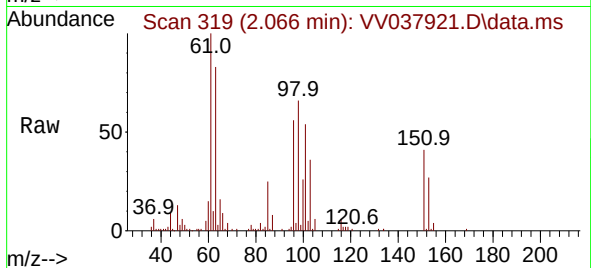
Tgt Ion:101 Resp: 21766

Ion Ratio Lower Upper

101 100

85 45.9 35.0 52.6

151 77.1 59.2 88.8



#12

1,1-Dichloroethene

Concen: 1.027 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

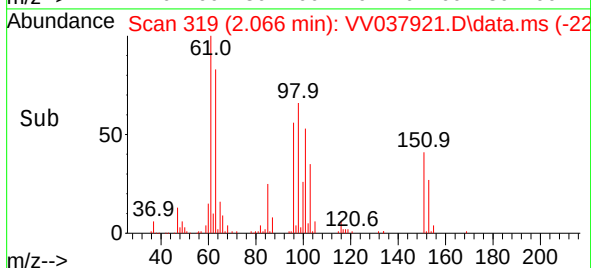
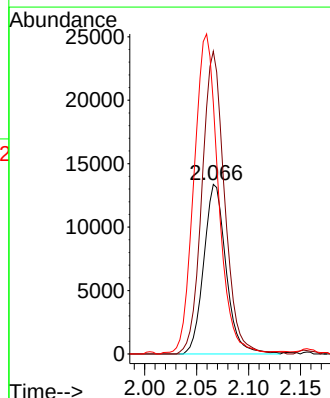
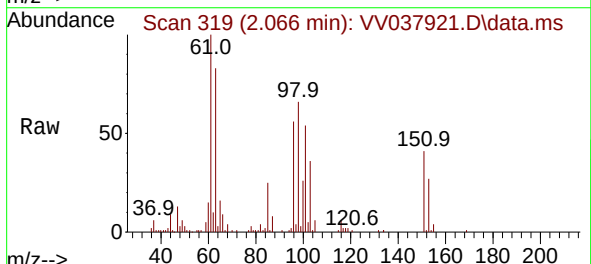
Tgt Ion: 96 Resp: 19898

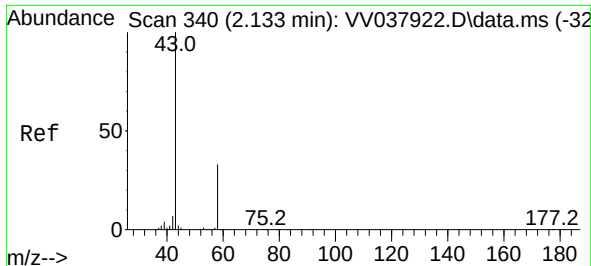
Ion Ratio Lower Upper

96 100

61 178.5 117.4 218.0

63 148.1 91.7 170.3





#13

Acetone

Concen: 10.388 ug/L

RT: 2.140 min Scan# 340

Delta R.T. 0.007 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Instrument :

MSVOA_V

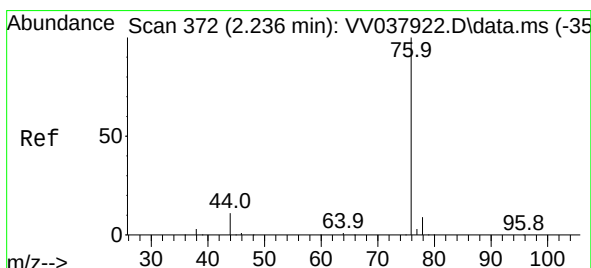
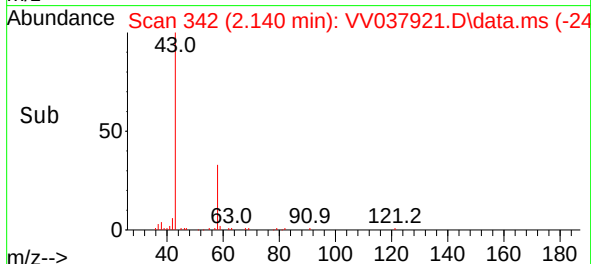
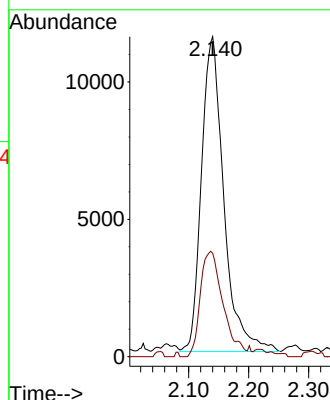
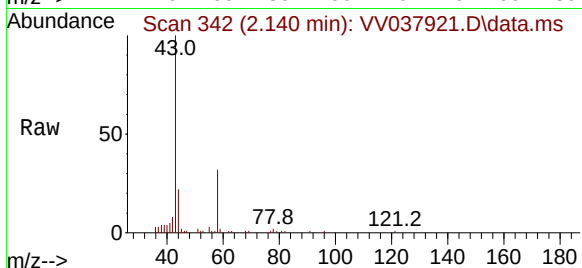
ClientSampleId :

Tgt Ion: 43 Resp: 29846

Ion Ratio Lower Upper

43 100

58 33.8 0.0 64.6



#14

Carbon disulfide

Concen: 0.998 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV037921.D

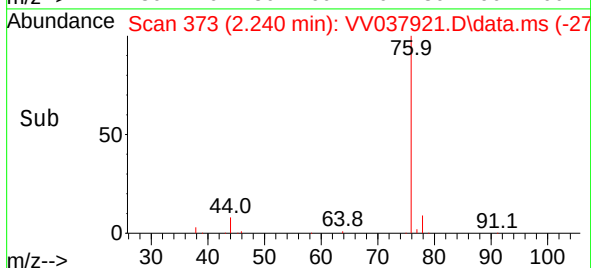
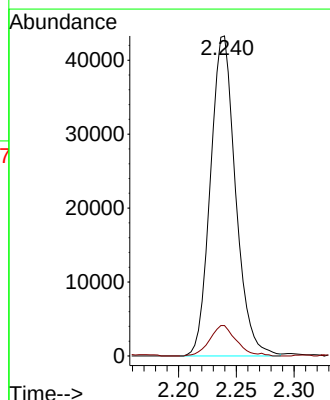
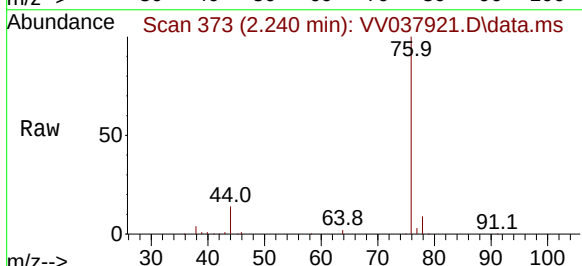
Acq: 06 Nov 2024 10:53

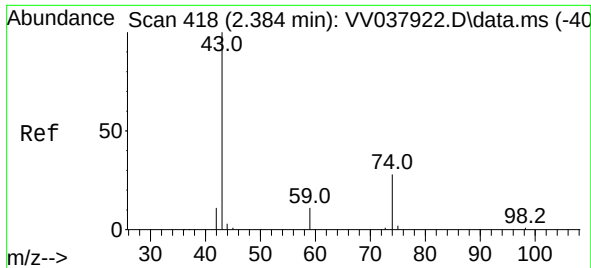
Tgt Ion: 76 Resp: 65638

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9





#15

Methyl Acetate

Concen: 1.018 ug/L

RT: 2.394 min Scan# 41

Delta R.T. 0.010 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Instrument :

MSVOA_V

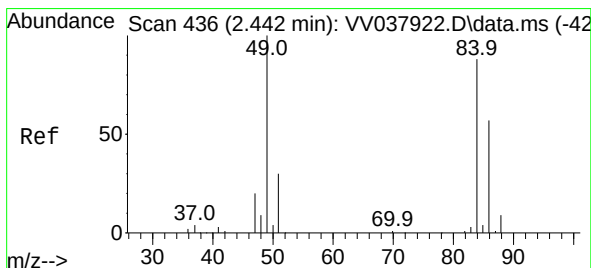
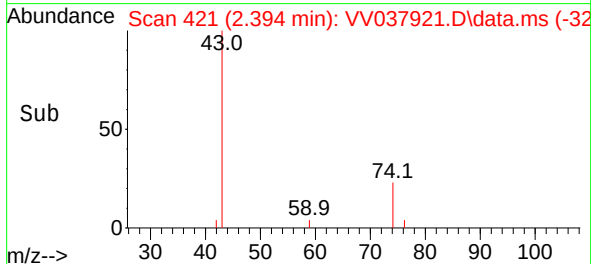
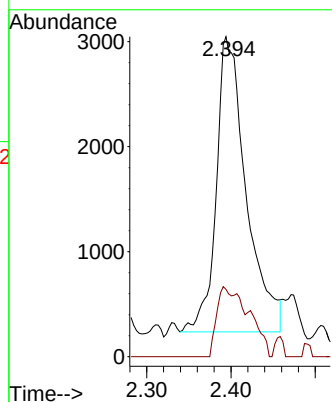
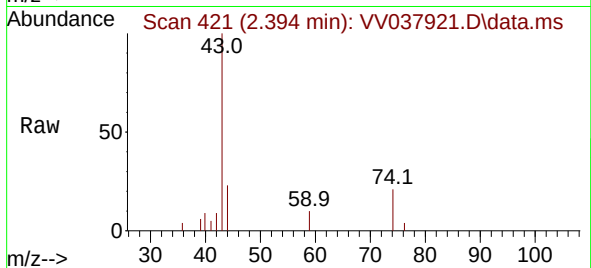
ClientSampleId :

Tgt Ion: 43 Resp: 6922

Ion Ratio Lower Upper

43 100

74 25.3 21.8 32.8



#16

Methylene chloride

Concen: 1.048 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

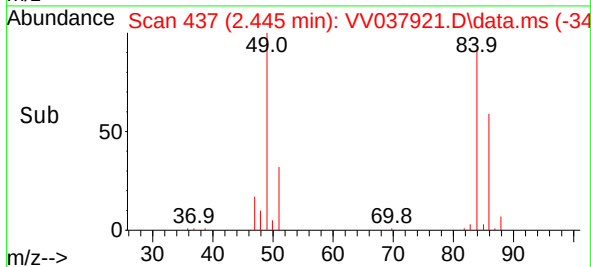
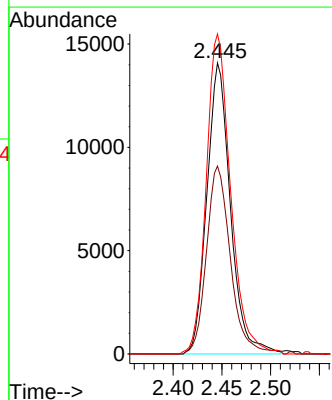
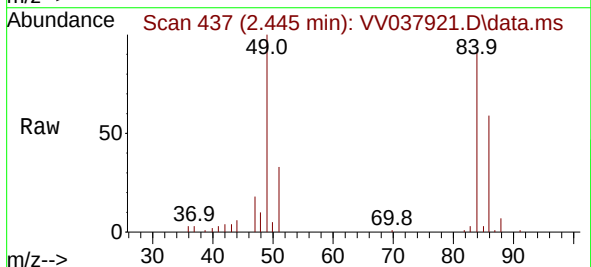
Tgt Ion: 84 Resp: 23699

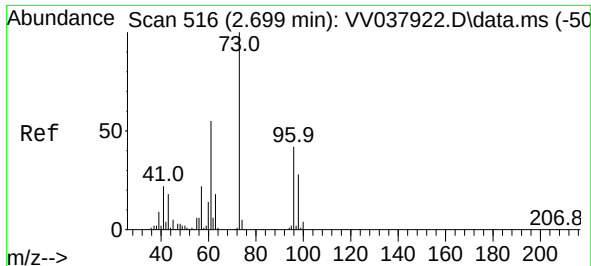
Ion Ratio Lower Upper

84 100

86 64.6 45.0 83.6

49 110.0 79.2 147.2





#17

Methyl tert-butyl Ether

Concen: 0.961 ug/L

RT: 2.703 min Scan# 516

Delta R.T. 0.003 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Instrument :

MSVOA_V

ClientSampleId :

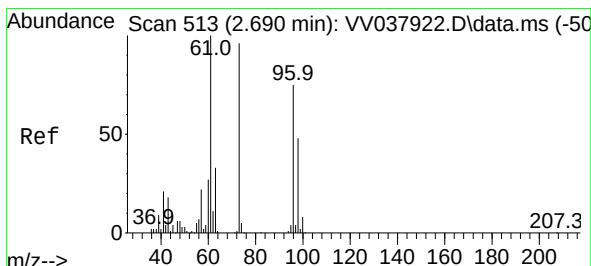
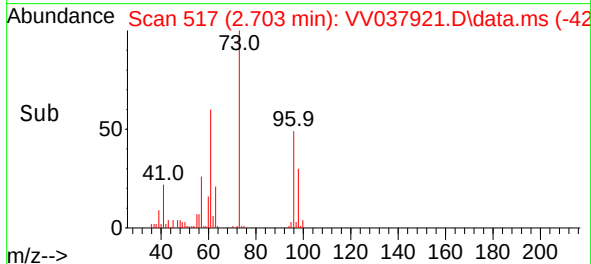
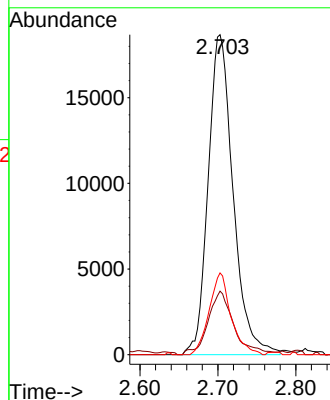
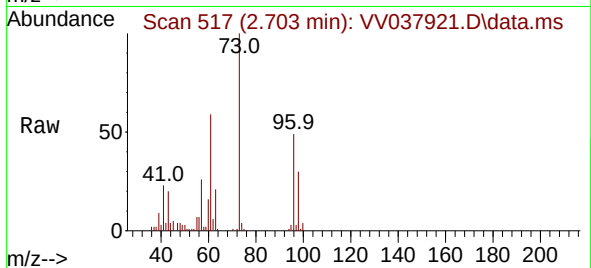
Tgt Ion: 73 Resp: 41629

Ion Ratio Lower Upper

73 100

43 20.5 14.4 21.6

57 22.4 17.8 26.6



#18

trans-1,2-Dichloroethene

Concen: 1.006 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.007 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

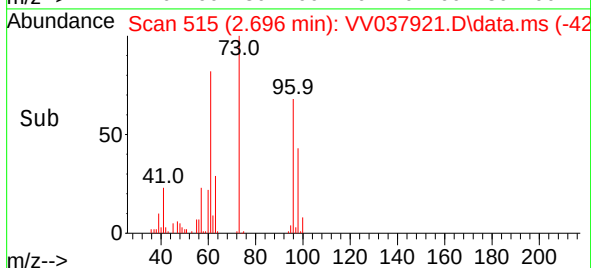
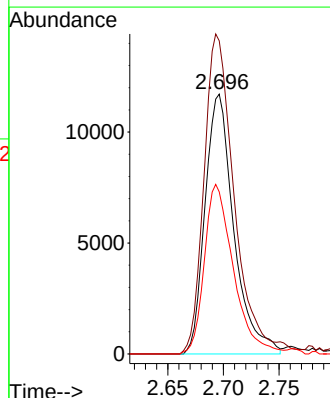
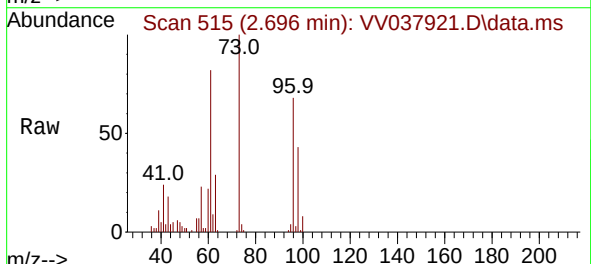
Tgt Ion: 96 Resp: 21060

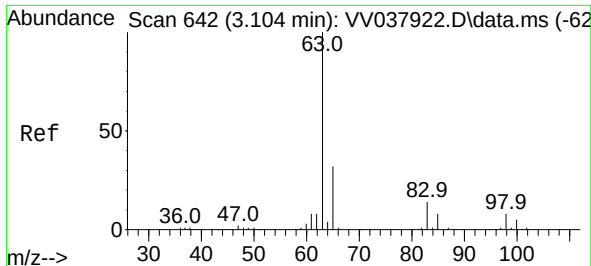
Ion Ratio Lower Upper

96 100

61 120.5 93.2 173.0

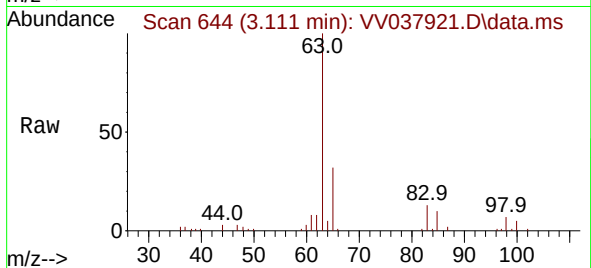
98 62.4 44.4 82.4



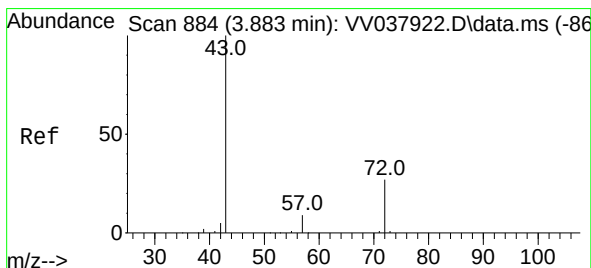
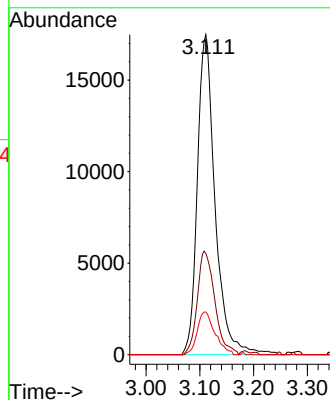
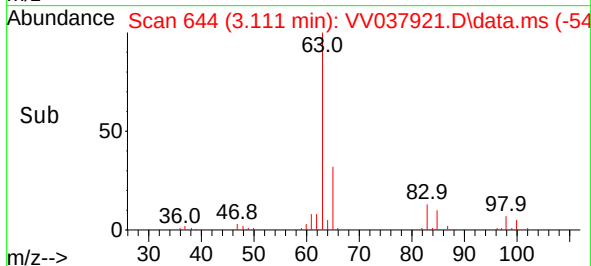


#19
1,1-Dichloroethane
Concen: 1.054 ug/L
RT: 3.111 min Scan# 642
Delta R.T. 0.007 min
Lab File: VV037921.D
Acq: 06 Nov 2024 10:53

Instrument :
MSVOA_V
ClientSampleId :

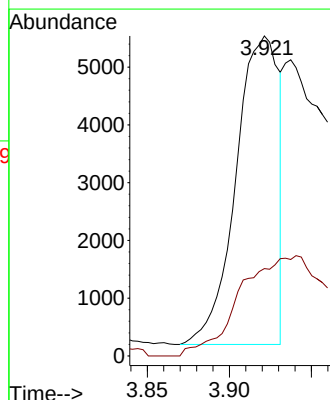
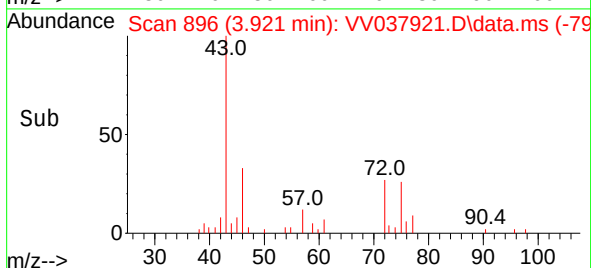
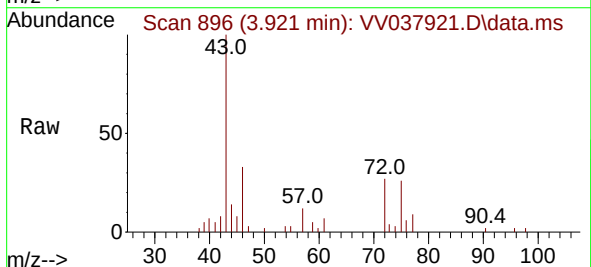


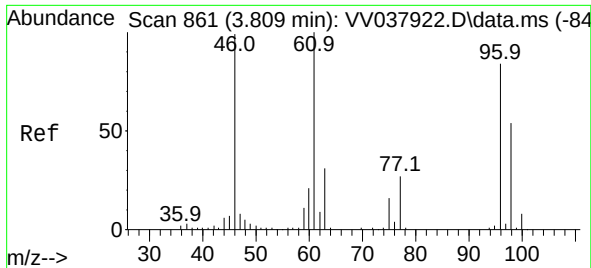
Tgt Ion: 63 Resp: 40083
Ion Ratio Lower Upper
63 100
65 31.7 22.3 41.3
83 13.4 9.5 17.7



#21
2-Butanone
Concen: 2.465 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.039 min
Lab File: VV037921.D
Acq: 06 Nov 2024 10:53

Tgt Ion: 43 Resp: 9698
Ion Ratio Lower Upper
43 100
72 64.2 13.0 39.0#

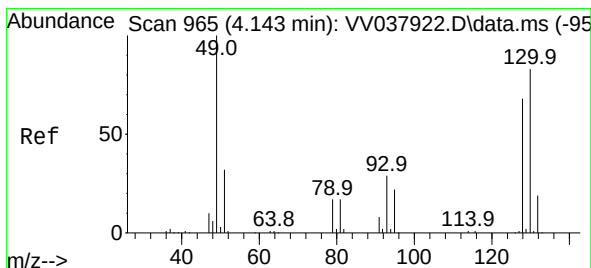
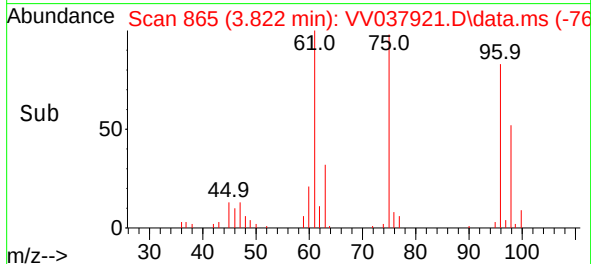
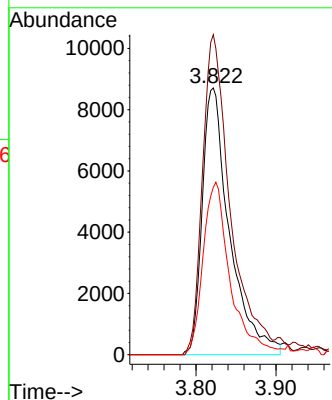
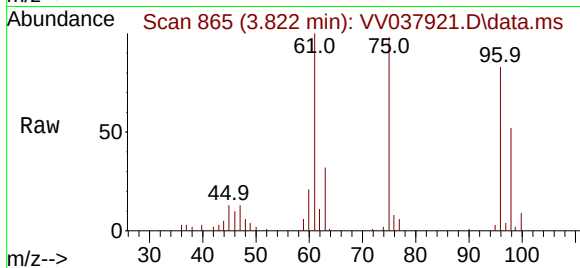




#22
 cis-1,2-Dichloroethene
 Concen: 0.940 ug/L
 RT: 3.822 min Scan# 865
 Delta R.T. 0.013 min
 Lab File: VV037921.D
 Acq: 06 Nov 2024 10:53

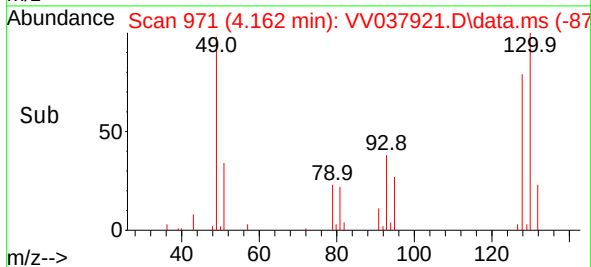
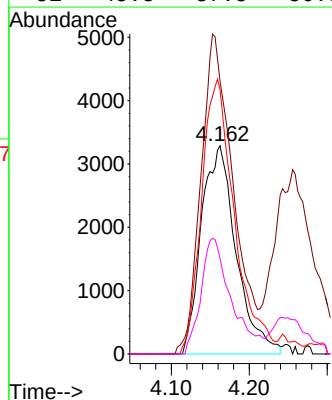
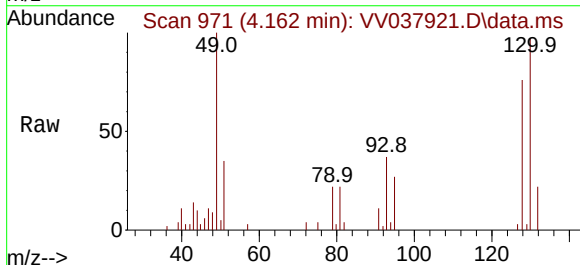
Instrument :
 MSVOA_V
 ClientSampleId :

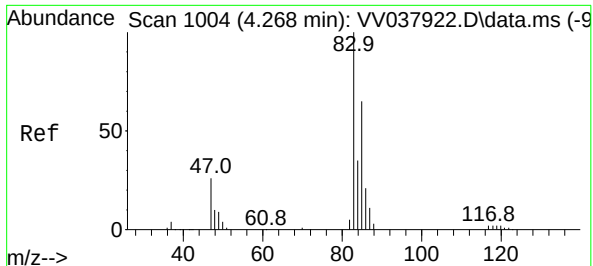
Tgt Ion: 96	Resp: 20733
Ion Ratio	Lower Upper
96 100	
61 120.0	83.4 154.8
98 64.8	44.6 82.8



#23
 Bromochloromethane
 Concen: 1.022 ug/L
 RT: 4.162 min Scan# 971
 Delta R.T. 0.019 min
 Lab File: VV037921.D
 Acq: 06 Nov 2024 10:53

Tgt	Ion:128	Resp:	10180
Ion	Ratio	Lower	Upper
128	100		
49	131.0	103.0	191.4
130	127.1	85.9	159.5
51	45.8	37.5	56.3





#25

Chloroform

Concen: 1.035 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Instrument :

MSVOA_V

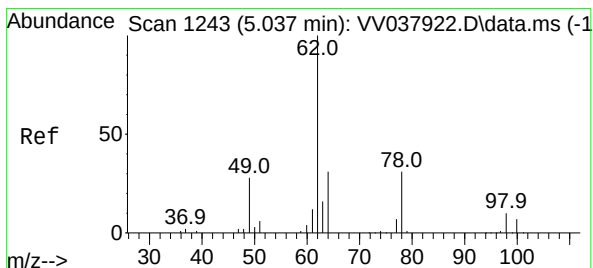
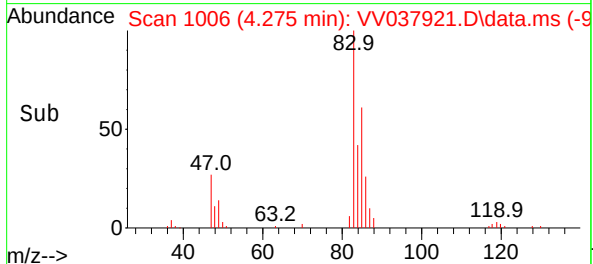
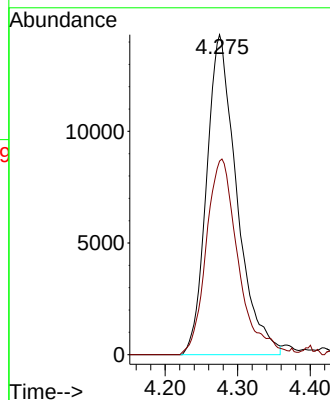
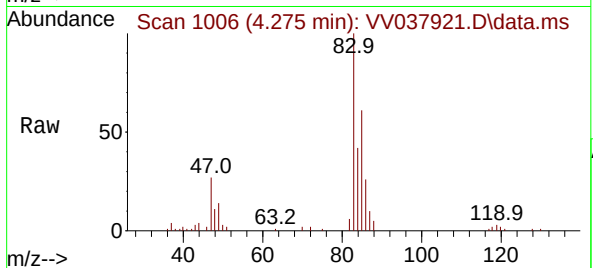
ClientSampleId :

Tgt Ion: 83 Resp: 41358

Ion Ratio Lower Upper

83 100

85 60.5 45.5 84.5



#27

1,2-Dichloroethane

Concen: 0.991 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. 0.016 min

Lab File: VV037921.D

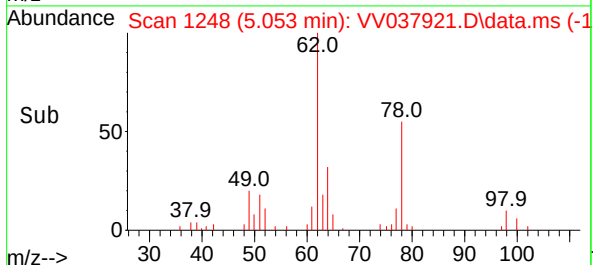
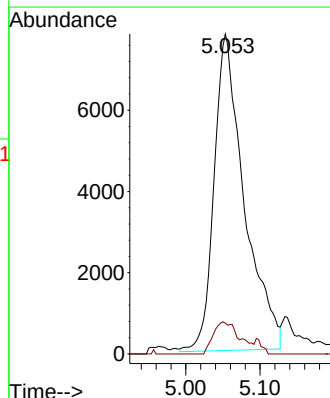
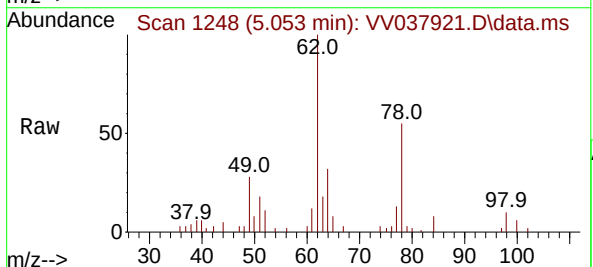
Acq: 06 Nov 2024 10:53

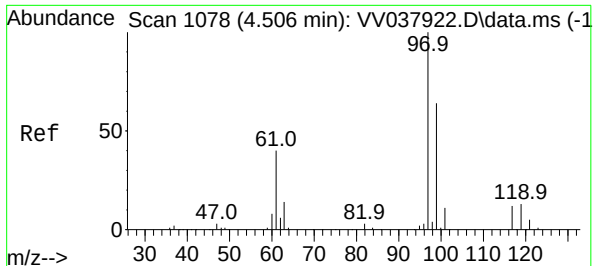
Tgt Ion: 62 Resp: 21936

Ion Ratio Lower Upper

62 100

98 9.6 8.1 12.1

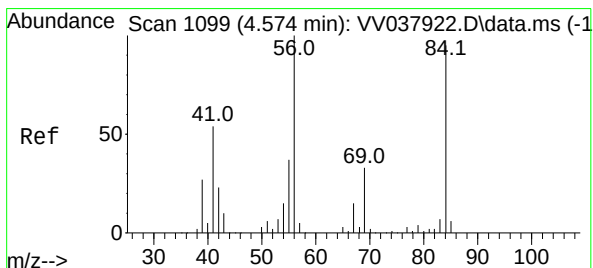
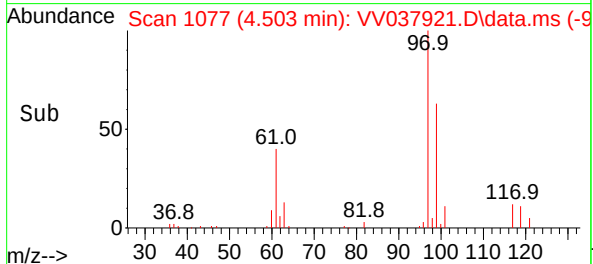
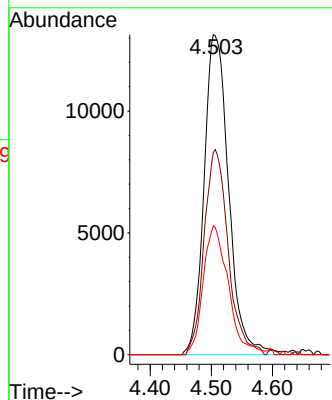
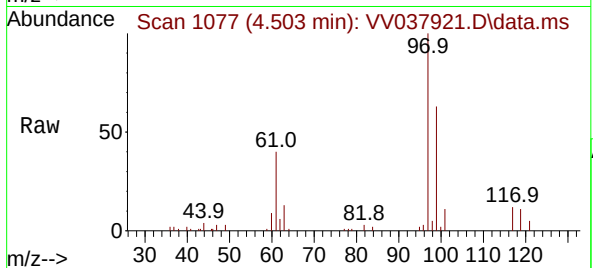




#29
1,1,1-Trichloroethane
Concen: 1.012 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VV037921.D
Acq: 06 Nov 2024 10:53

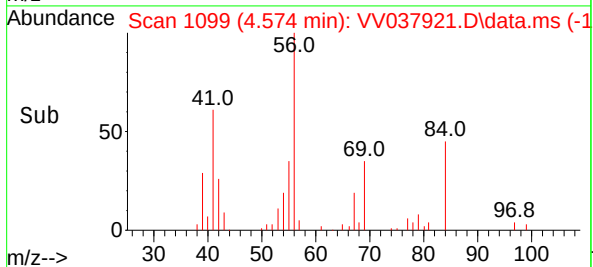
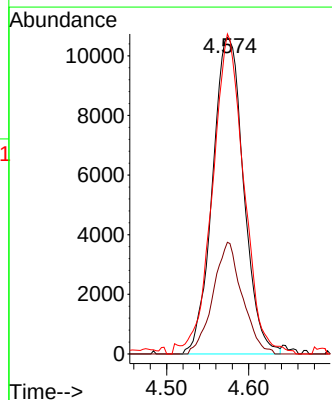
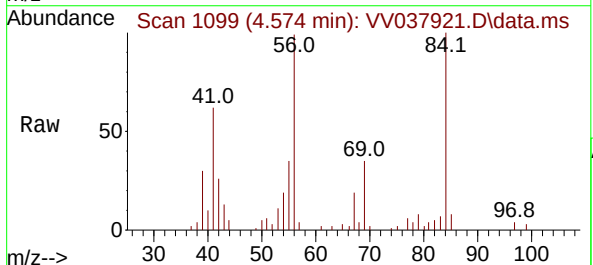
Instrument :
MSVOA_V
ClientSampleId :

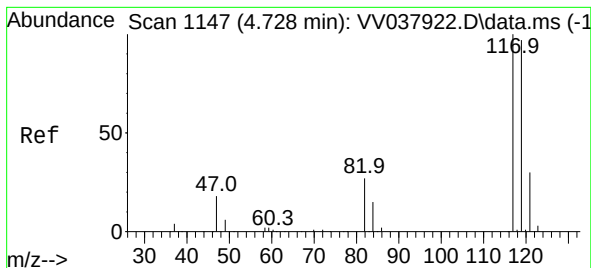
Tgt Ion: 97 Resp: 36657
Ion Ratio Lower Upper
97 100
99 62.7 52.1 78.1
61 41.1 33.3 49.9



#30
Cyclohexane
Concen: 0.873 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.000 min
Lab File: VV037921.D
Acq: 06 Nov 2024 10:53

Tgt Ion: 56 Resp: 28007
Ion Ratio Lower Upper
56 100
69 33.2 25.5 38.3
84 101.6 75.2 112.8





#31

Carbon tetrachloride

Concen: 0.986 ug/L

RT: 4.732 min Scan# 1147

Delta R.T. 0.003 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Instrument :

MSVOA_V

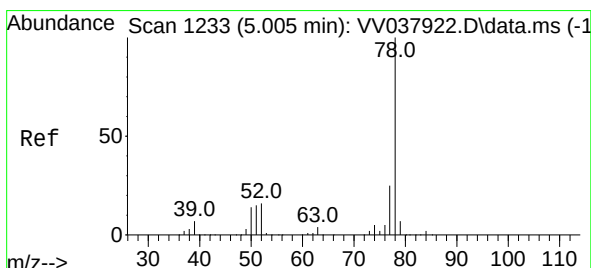
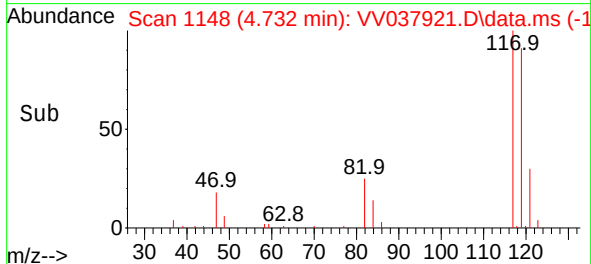
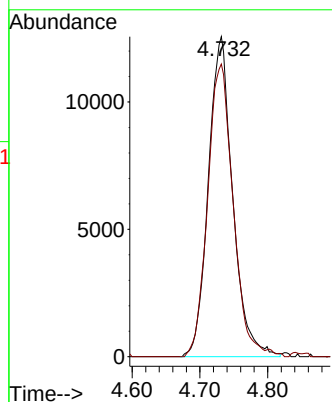
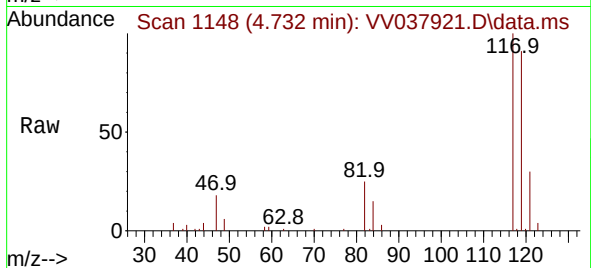
ClientSampleId :

Tgt Ion:117 Resp: 31329

Ion Ratio Lower Upper

117 100

119 95.1 77.2 115.8



#33

Benzene

Concen: 0.929 ug/L

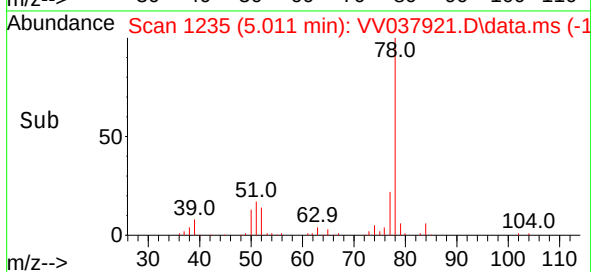
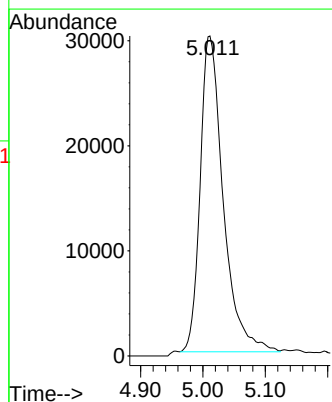
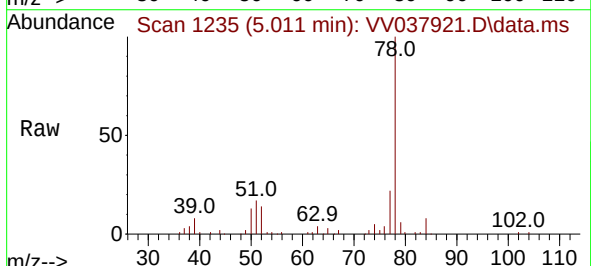
RT: 5.011 min Scan# 1235

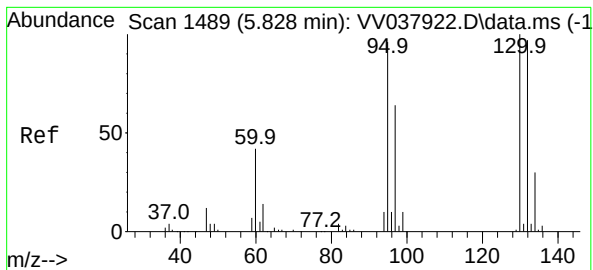
Delta R.T. 0.007 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Tgt Ion: 78 Resp: 77315





#34

Trichloroethene

Concen: 0.942 ug/L

RT: 5.838 min Scan# 1489

Delta R.T. 0.010 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 21702

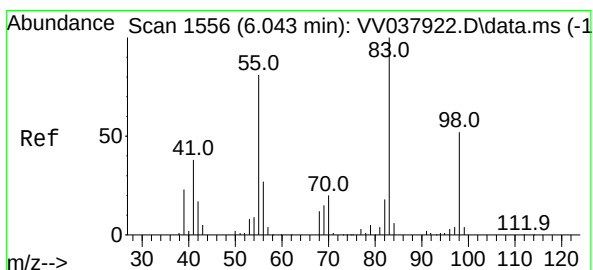
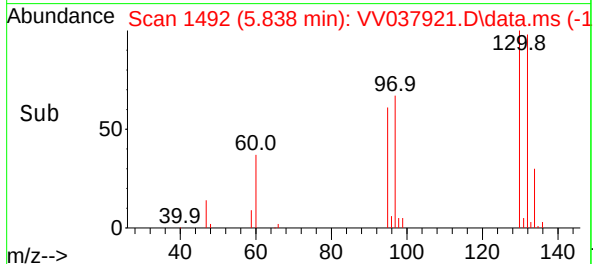
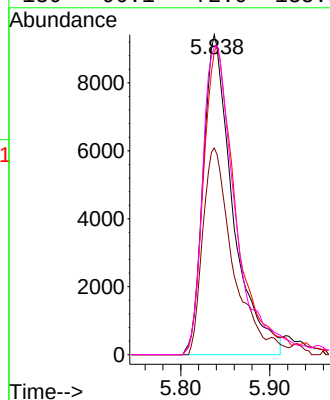
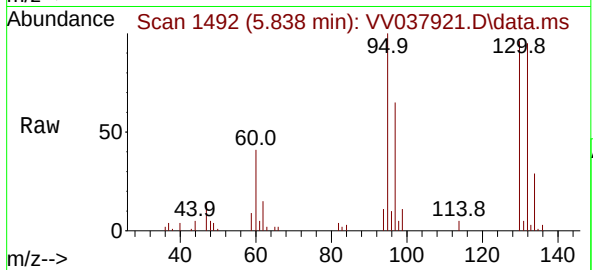
Ion Ratio Lower Upper

95 100

97 64.6 46.9 87.1

132 94.6 70.5 130.9

130 96.1 72.9 135.3



#35

Methylcyclohexane

Concen: 0.867 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.003 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

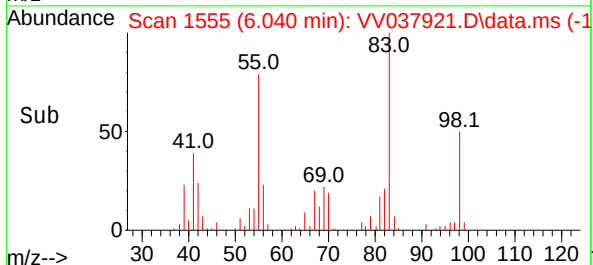
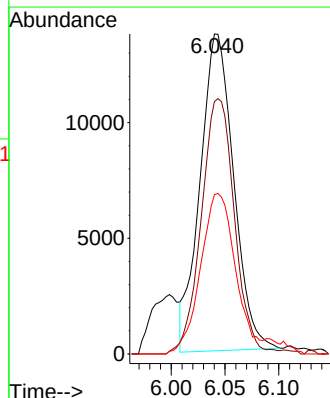
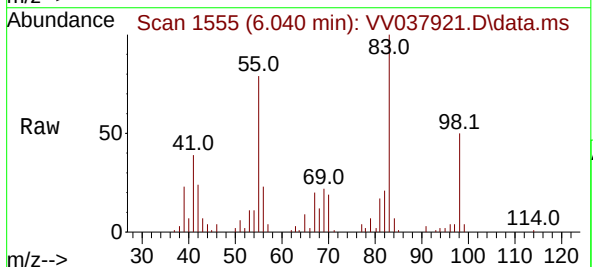
Tgt Ion: 83 Resp: 29790

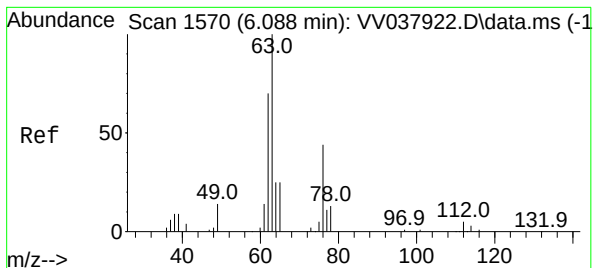
Ion Ratio Lower Upper

83 100

55 79.4 59.3 88.9

98 52.6 38.3 57.5





#37

1,2-Dichloropropane

Concen: 0.884 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Instrument :

MSVOA_V

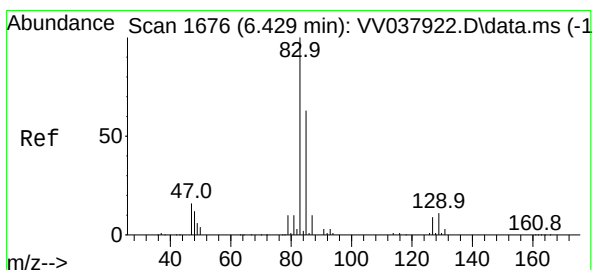
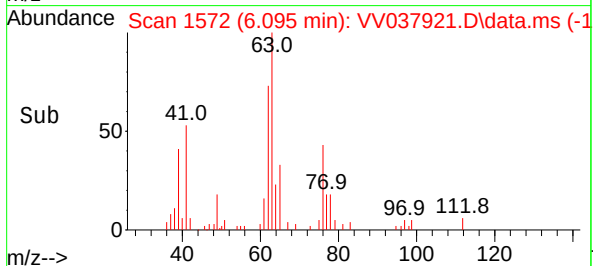
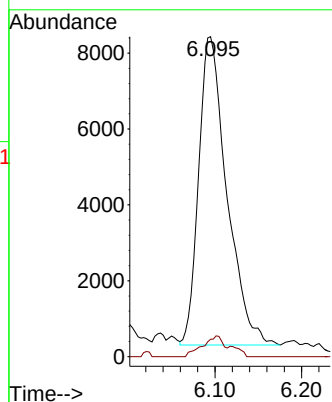
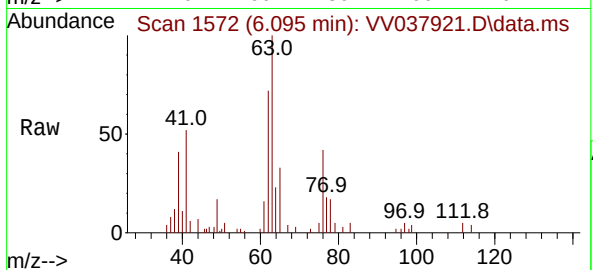
ClientSampleId :

Tgt Ion: 63 Resp: 18398

Ion Ratio Lower Upper

63 100

112 5.0 4.1 6.1



#38

Bromodichloromethane

Concen: 0.980 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

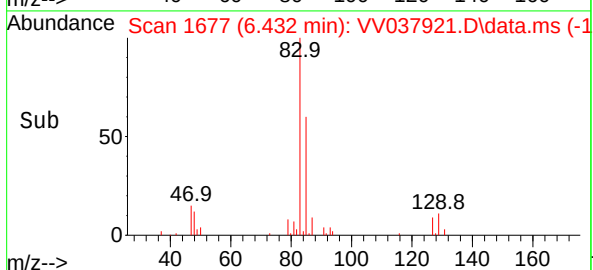
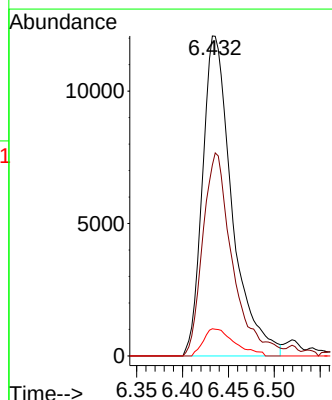
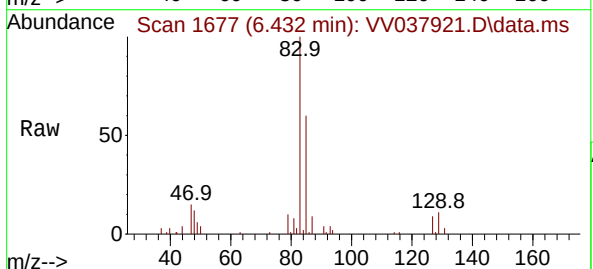
Tgt Ion: 83 Resp: 27047

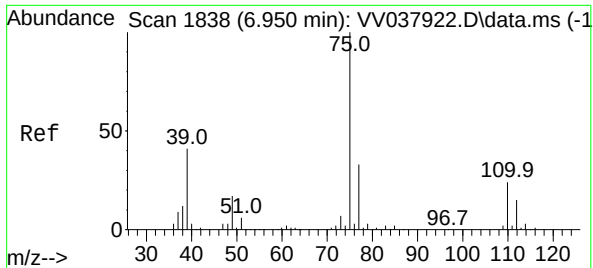
Ion Ratio Lower Upper

83 100

85 59.7 44.2 82.2

127 8.5 6.8 10.2

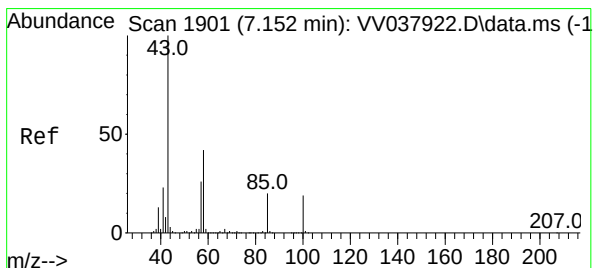
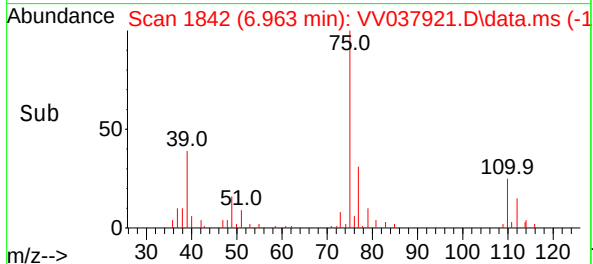
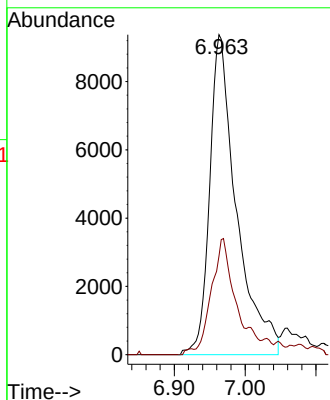
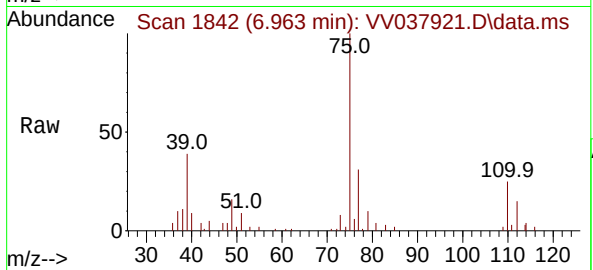




#39
 cis-1,3-Dichloropropene
 Concen: 0.834 ug/L
 RT: 6.963 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VV037921.D
 Acq: 06 Nov 2024 10:53

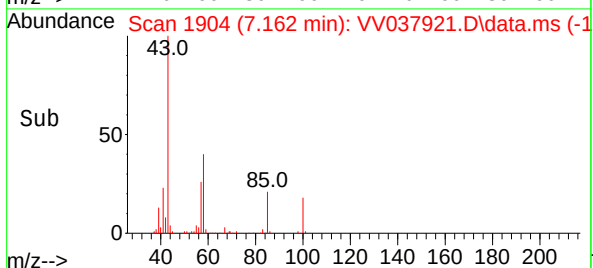
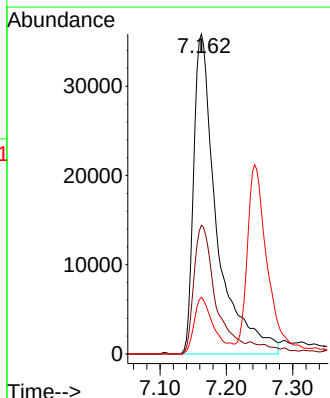
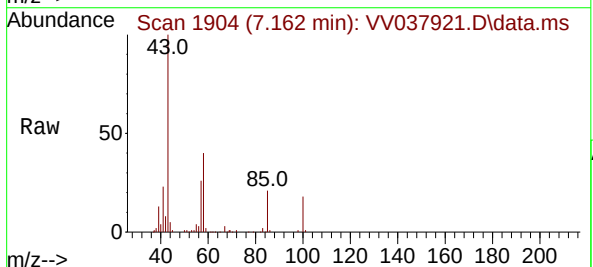
Instrument :
 MSVOA_V
 ClientSampleId :

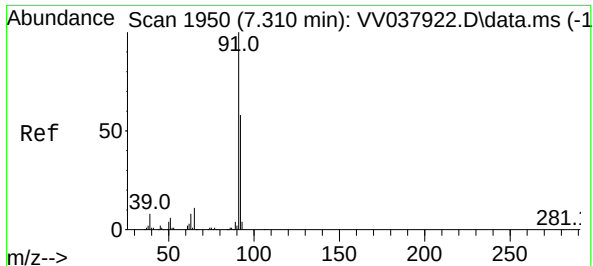
Tgt Ion: 75 Resp: 24618
 Ion Ratio Lower Upper
 75 100
 77 30.8 23.0 42.6



#40
 4-Methyl-2-pentanone
 Concen: 8.505 ug/L
 RT: 7.162 min Scan# 1904
 Delta R.T. 0.010 min
 Lab File: VV037921.D
 Acq: 06 Nov 2024 10:53

Tgt Ion: 43 Resp: 87233
 Ion Ratio Lower Upper
 43 100
 58 37.4 32.6 49.0
 100 15.2 13.8 20.8





#42

Toluene

Concen: 0.919 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.007 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Instrument :

MSVOA_V

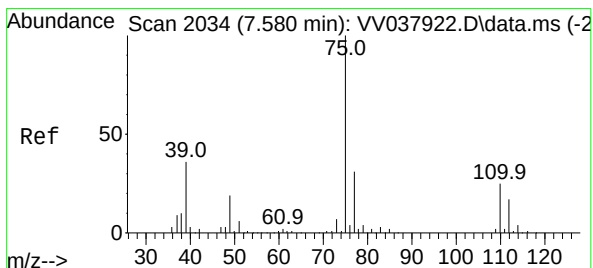
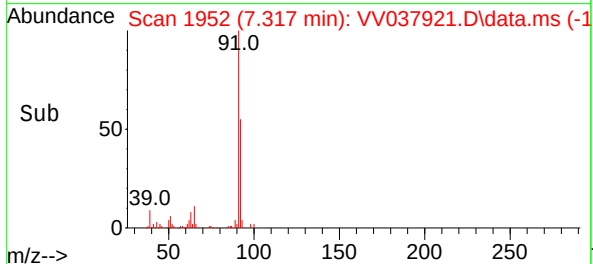
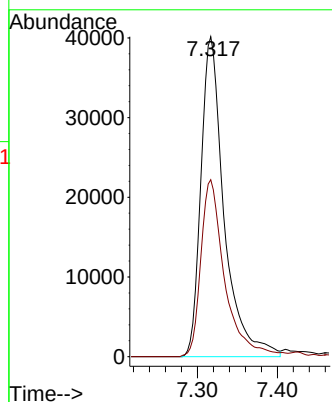
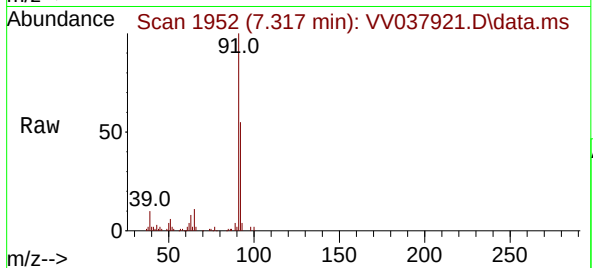
ClientSampleId :

Tgt Ion: 91 Resp: 80904

Ion Ratio Lower Upper

91 100

92 55.3 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 0.897 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.013 min

Lab File: VV037921.D

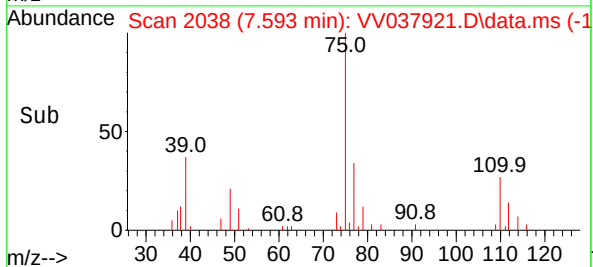
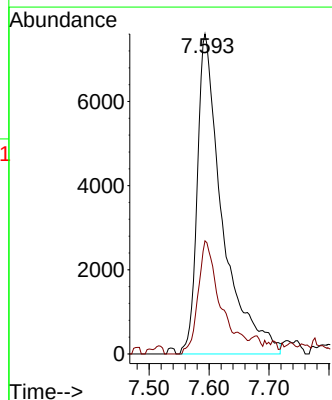
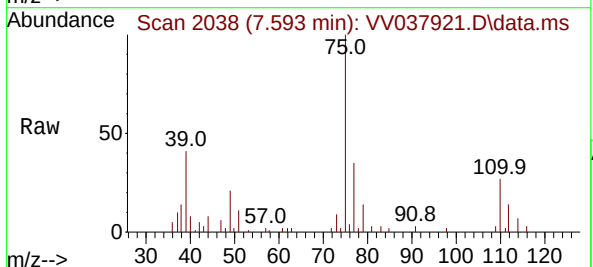
Acq: 06 Nov 2024 10:53

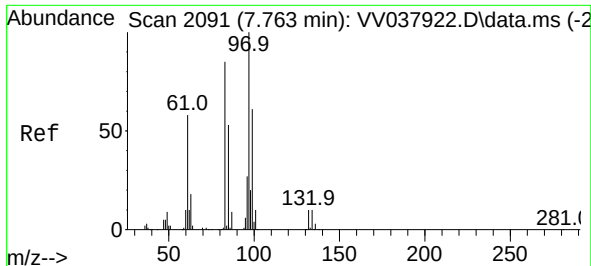
Tgt Ion: 75 Resp: 22064

Ion Ratio Lower Upper

75 100

77 35.4 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 0.962 ug/L

RT: 7.770 min Scan# 2091

Delta R.T. 0.007 min

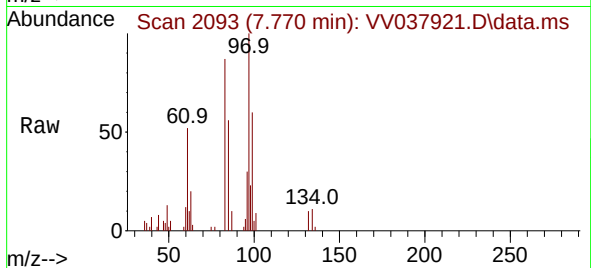
Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 15327

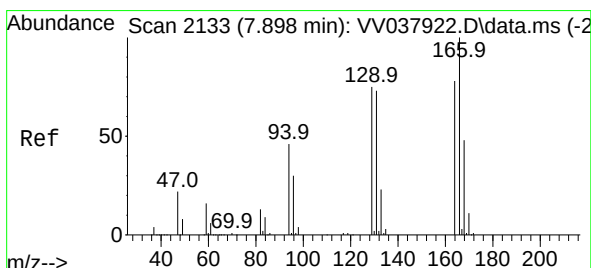
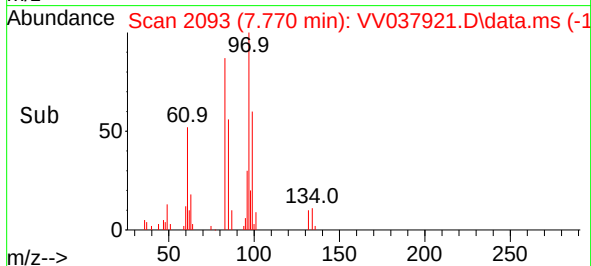
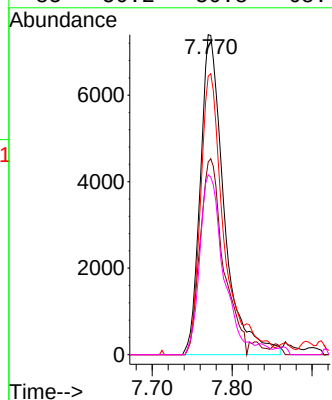
Ion Ratio Lower Upper

97 100

99 60.2 42.4 78.8

83 87.0 59.3 110.1

85 56.2 36.8 68.4



#47

Tetrachloroethene

Concen: 0.980 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Tgt Ion:164 Resp: 17565

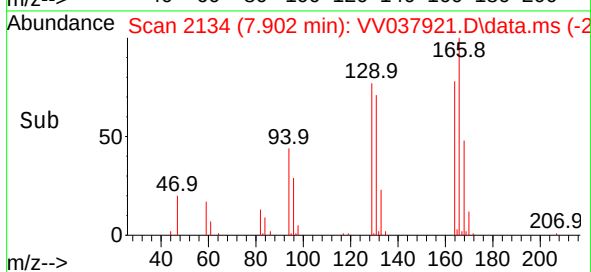
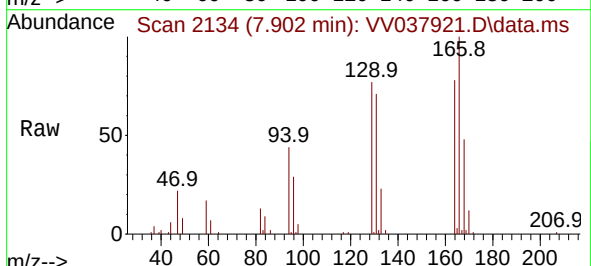
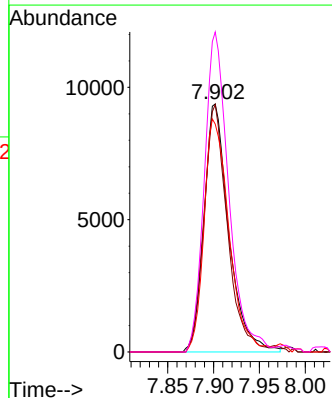
Ion Ratio Lower Upper

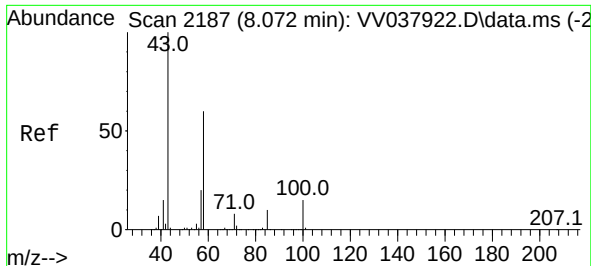
164 100

129 99.7 66.8 124.2

131 91.9 65.2 121.2

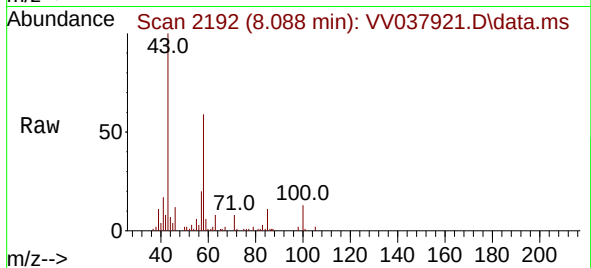
166 129.0 89.2 165.8





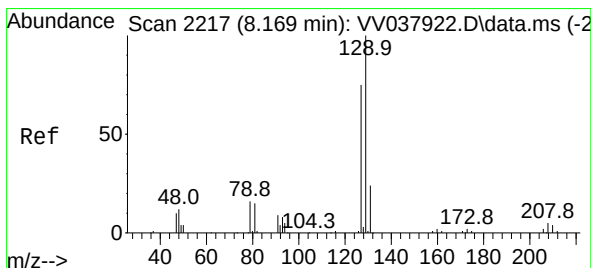
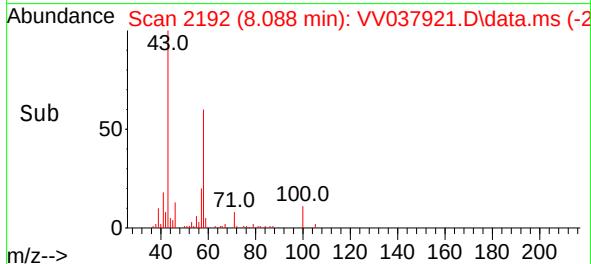
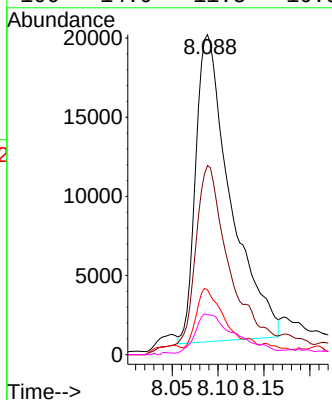
#48
2-Hexanone
Concen: 7.168 ug/L
RT: 8.088 min Scan# 2187
Delta R.T. 0.016 min
Lab File: VV037921.D
Acq: 06 Nov 2024 10:53

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 51222

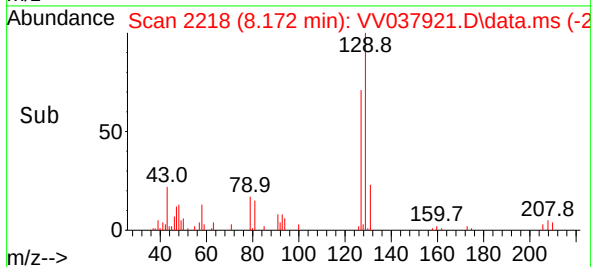
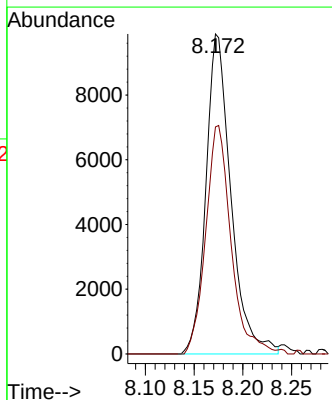
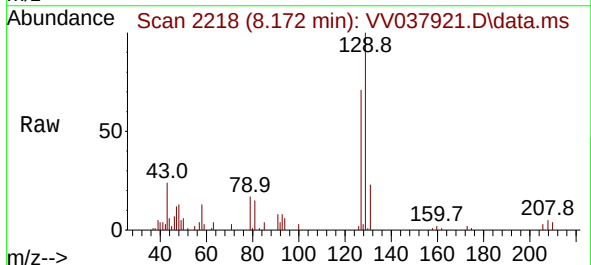
Ion	Ratio	Lower	Upper
43	100		
58	64.2	48.5	72.7
57	19.2	16.3	24.5
100	14.9	11.3	16.9

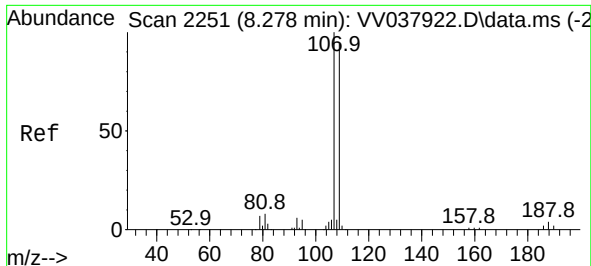


#49
Dibromochloromethane
Concen: 0.981 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV037921.D
Acq: 06 Nov 2024 10:53

Tgt Ion: 129 Resp: 17656

Ion	Ratio	Lower	Upper
129	100		
127	71.0	52.2	97.0





#50

1,2-Dibromoethane

Concen: 0.960 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV037921.D

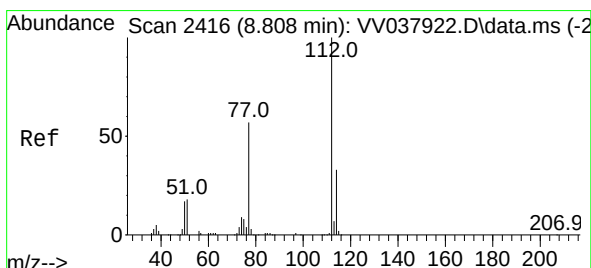
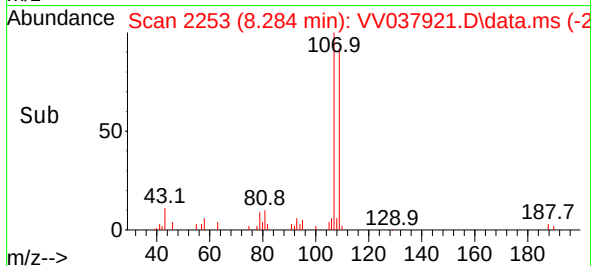
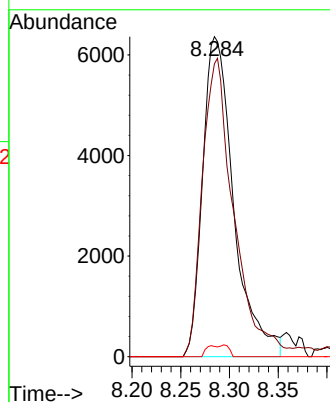
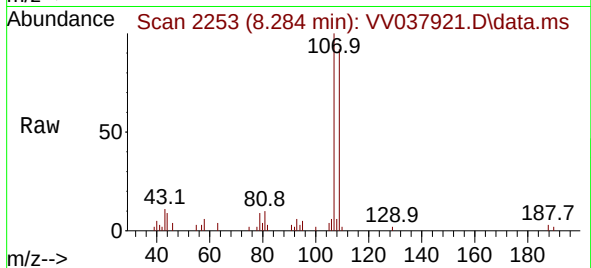
Acq: 06 Nov 2024 10:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	14113
Ion Ratio	Lower	Upper
107	100	
109	91.5	65.8 122.2
188	3.2	3.0 4.6



#51

Chlorobenzene

Concen: 0.974 ug/L

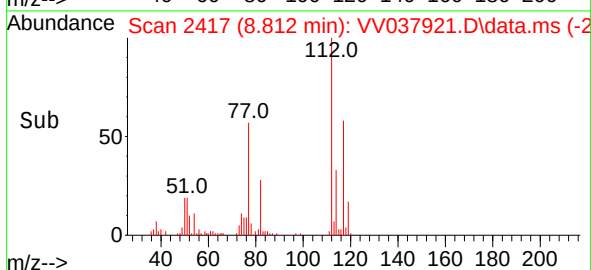
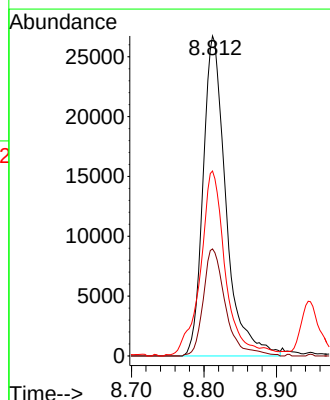
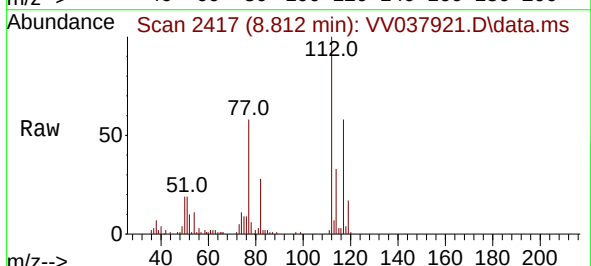
RT: 8.812 min Scan# 2417

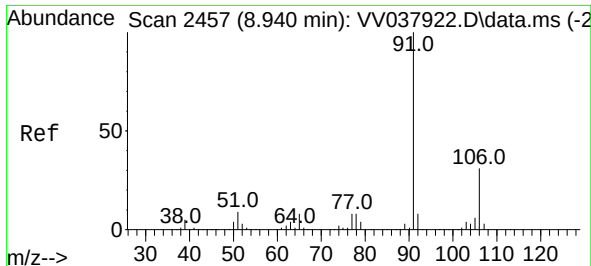
Delta R.T. 0.003 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Tgt Ion:112	Resp:	58647
Ion Ratio	Lower	Upper
112	100	
114	33.4	23.0 42.6
77	57.8	45.9 68.9





#52

Ethylbenzene

Concen: 0.879 ug/L

RT: 8.944 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Instrument :

MSVOA_V

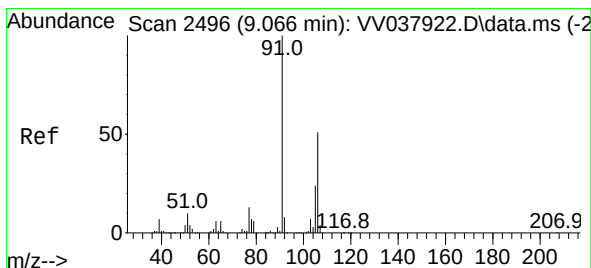
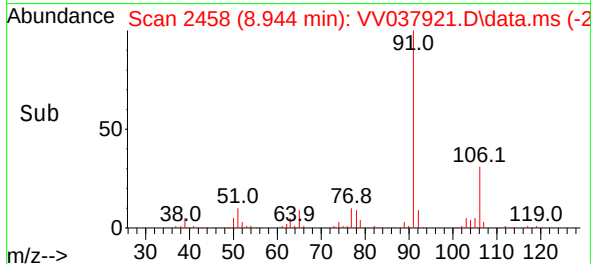
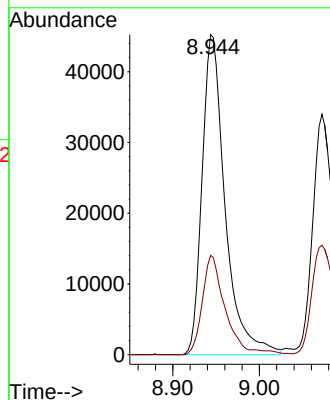
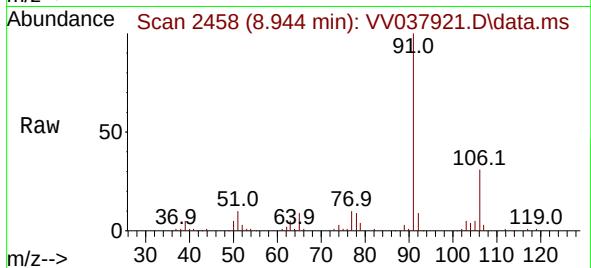
ClientSampleId :

Tgt Ion: 91 Resp: 83365

Ion Ratio Lower Upper

91 100

106 31.0 21.8 40.4



#53

m,p-Xylene

Concen: 0.862 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.007 min

Lab File: VV037921.D

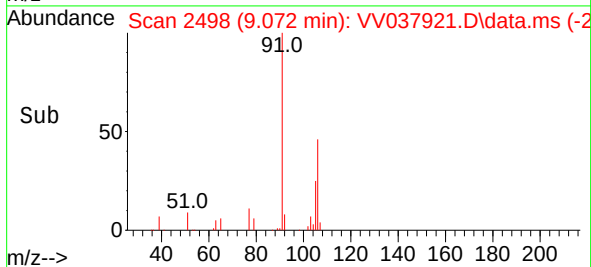
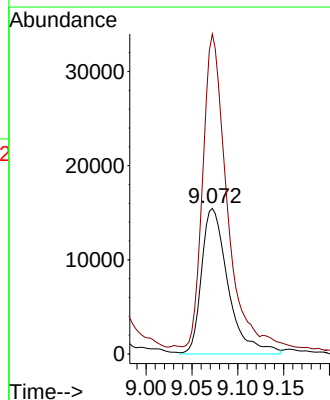
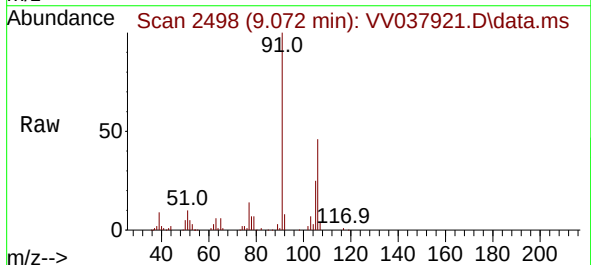
Acq: 06 Nov 2024 10:53

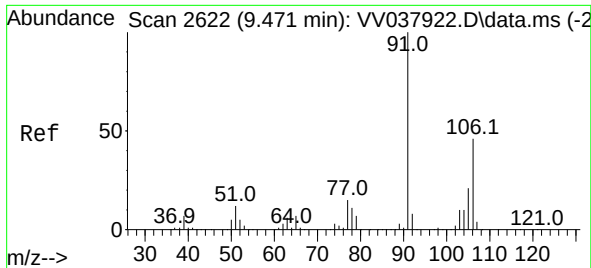
Tgt Ion:106 Resp: 31203

Ion Ratio Lower Upper

106 100

91 219.7 139.0 258.2





#54

o-Xylene

Concen: 0.872 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.007 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Instrument :

MSVOA_V

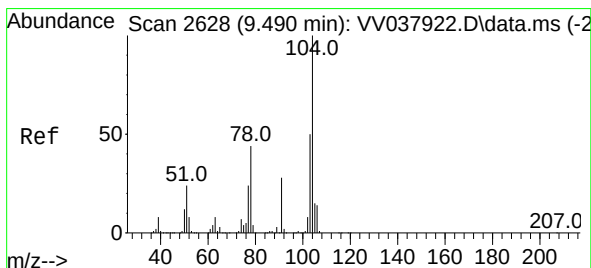
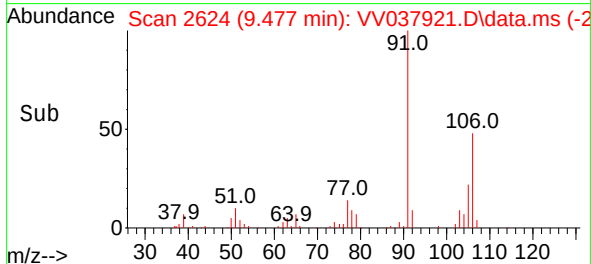
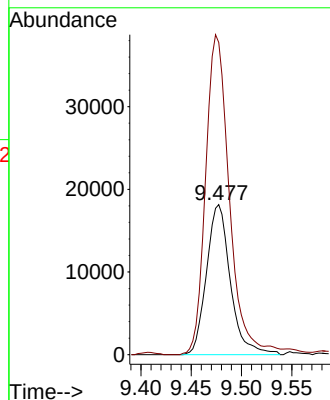
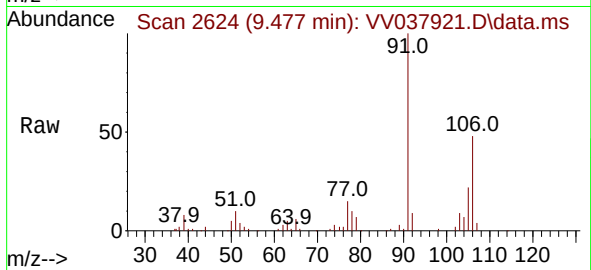
ClientSampleId :

Tgt Ion:106 Resp: 30032

Ion Ratio Lower Upper

106 100

91 207.9 152.0 282.2



#55

Styrene

Concen: 0.785 ug/L

RT: 9.500 min Scan# 2631

Delta R.T. 0.010 min

Lab File: VV037921.D

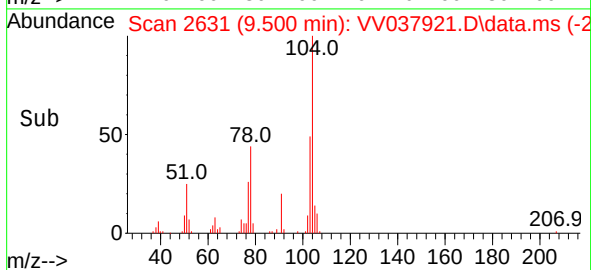
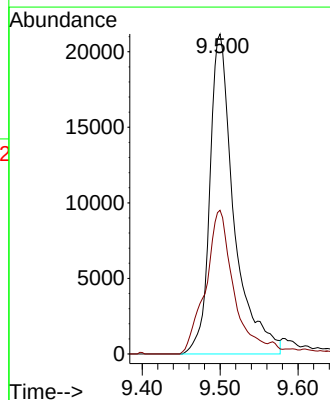
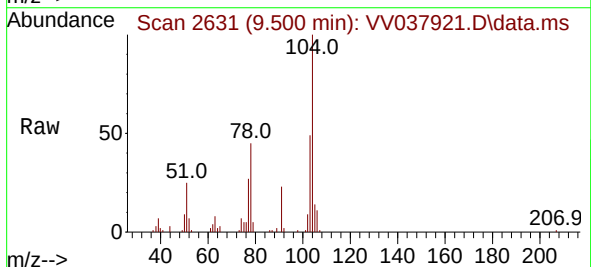
Acq: 06 Nov 2024 10:53

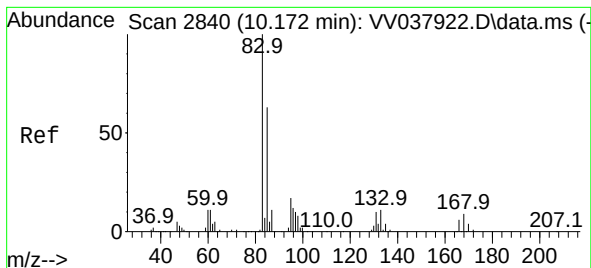
Tgt Ion:104 Resp: 45672

Ion Ratio Lower Upper

104 100

78 44.9 30.9 57.3





#57

1,1,2,2-Tetrachloroethane

Concen: 0.990 ug/L

RT: 10.175 min Scan# 2840

Delta R.T. 0.003 min

Lab File: VV037921.D

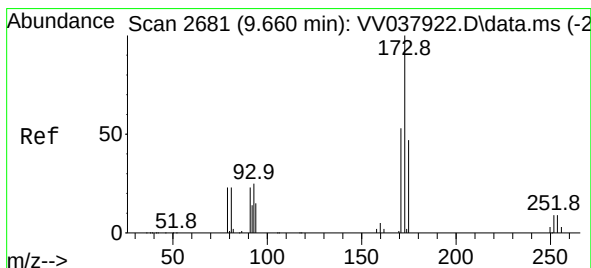
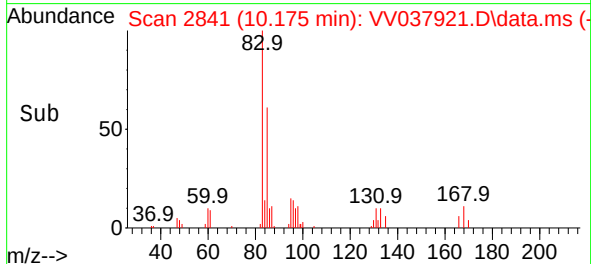
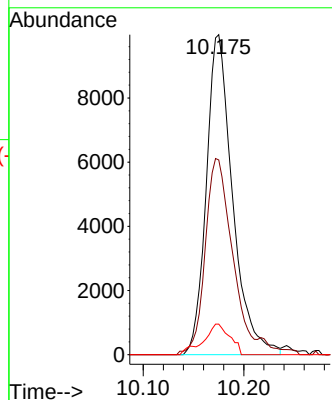
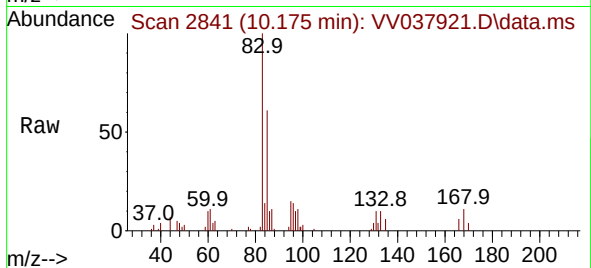
Acq: 06 Nov 2024 10:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	18101
Ion Ratio	Lower	Upper	
83	100		
85	60.9	44.2	82.2
131	9.5	7.9	11.9



#59

Bromoform

Concen: 1.006 ug/L

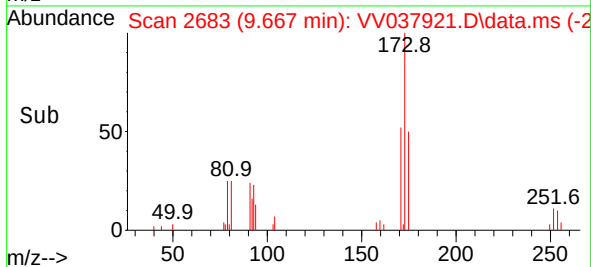
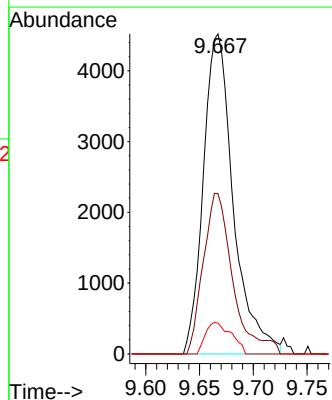
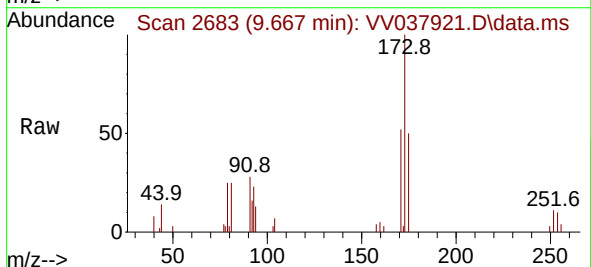
RT: 9.667 min Scan# 2683

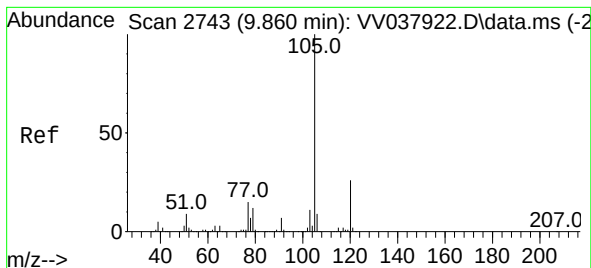
Delta R.T. 0.007 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Tgt Ion:	173	Resp:	8764
Ion Ratio	Lower	Upper	
173	100		
175	49.3	38.0	57.0
254	8.4	6.9	10.3





#60

Isopropylbenzene

Concen: 0.909 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV037921.D

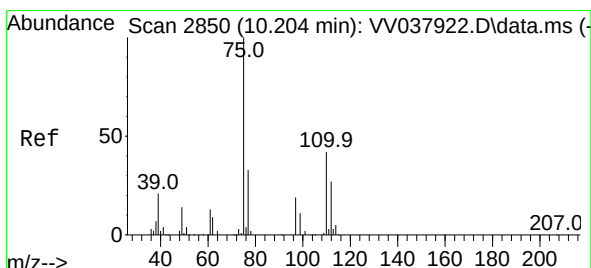
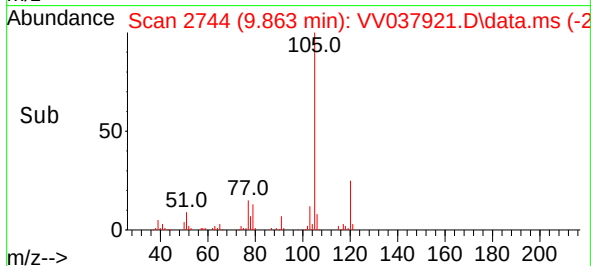
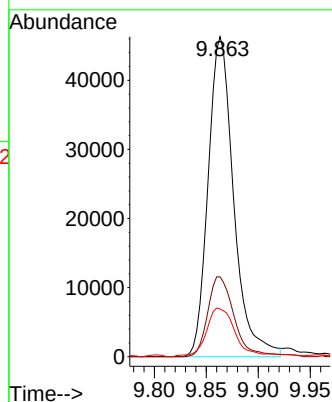
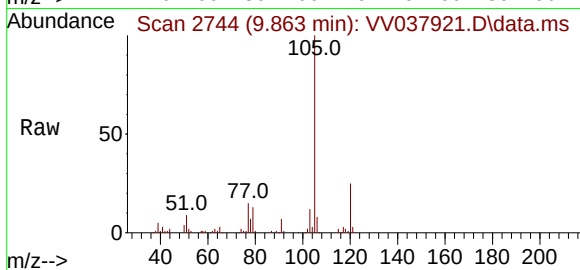
Acq: 06 Nov 2024 10:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	105	Resp:	79122
Ion Ratio	Lower	Upper	
105	100		
120	26.0	21.0	31.4
77	16.7	12.2	18.2



#61

1,2,3-Trichloropropane

Concen: 0.989 ug/L

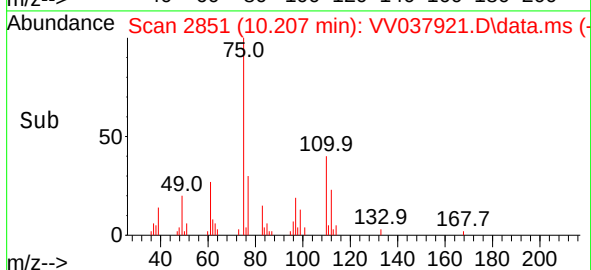
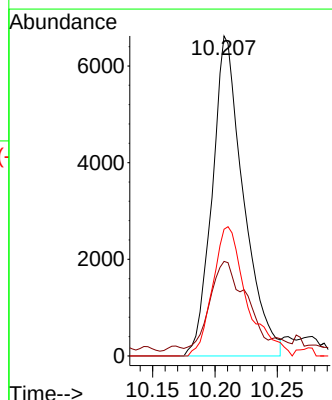
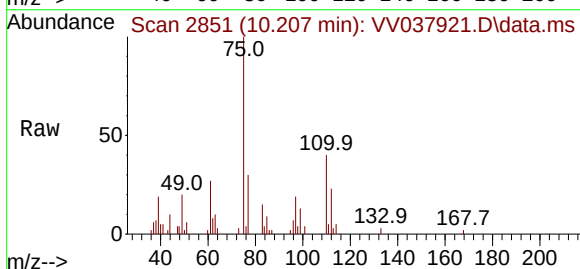
RT: 10.207 min Scan# 2851

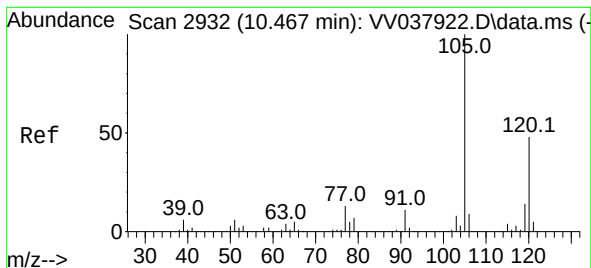
Delta R.T. 0.003 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Tgt Ion:	75	Resp:	11561
Ion Ratio	Lower	Upper	
75	100		
77	30.3	24.9	37.3
110	43.6	33.5	50.3





#62

1,3,5-Trimethylbenzene

Concen: 0.864 ug/L

RT: 10.471 min Scan# 2932

Delta R.T. 0.003 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Instrument :

MSVOA_V

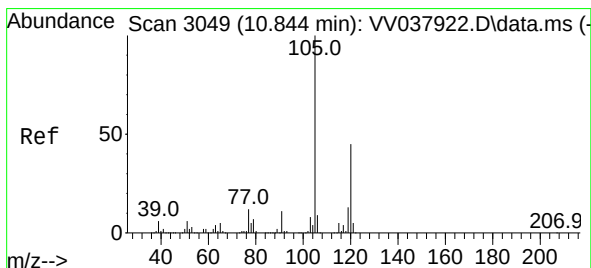
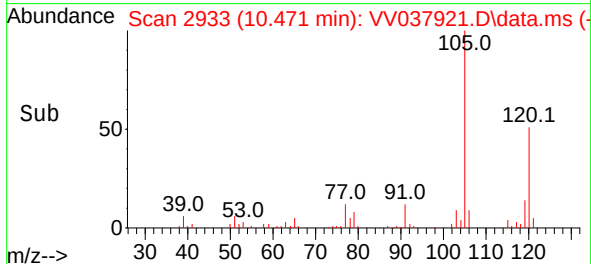
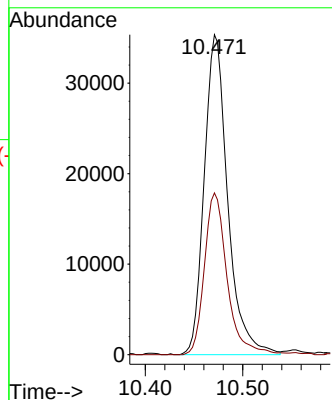
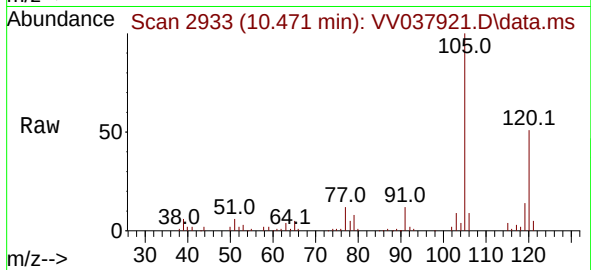
ClientSampleId :

Tgt Ion:105 Resp: 59161

Ion Ratio Lower Upper

105 100

120 49.0 39.0 58.6



#63

1,2,4-Trimethylbenzene

Concen: 0.838 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV037921.D

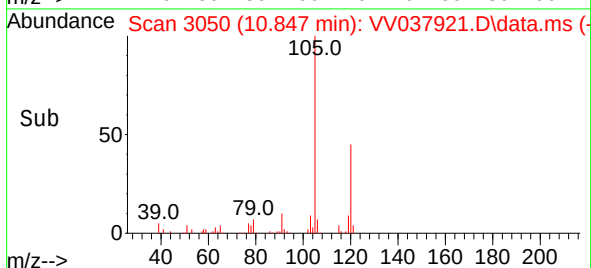
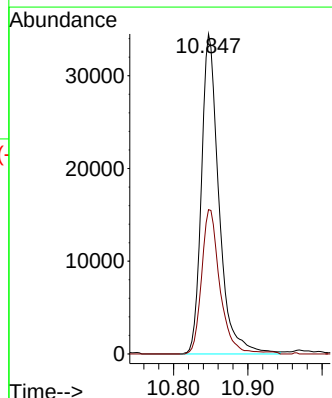
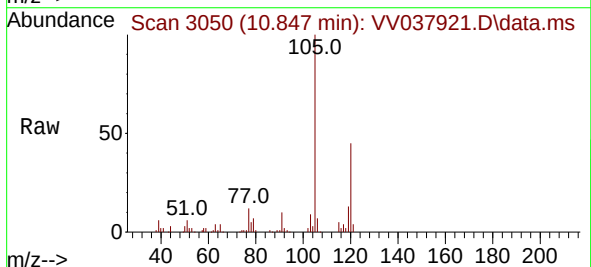
Acq: 06 Nov 2024 10:53

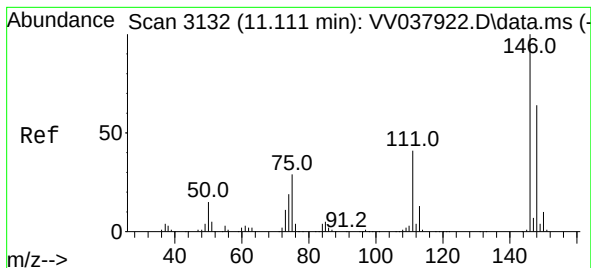
Tgt Ion:105 Resp: 56587

Ion Ratio Lower Upper

105 100

120 46.9 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 0.994 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.007 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Instrument :

MSVOA_V

ClientSampleId :

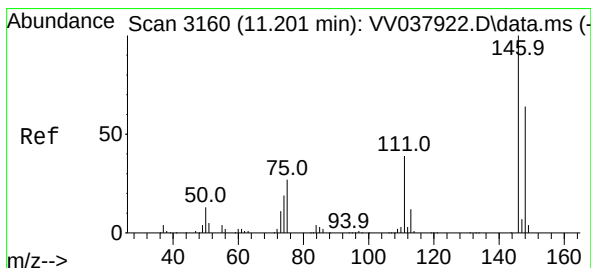
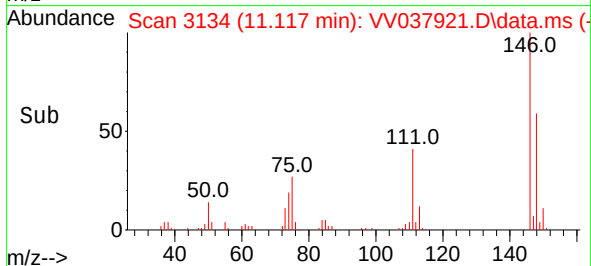
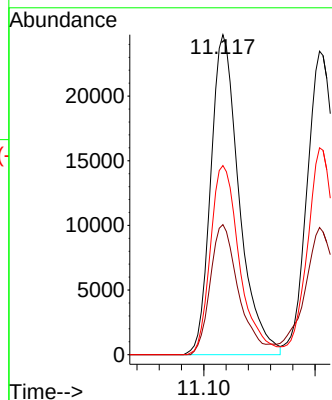
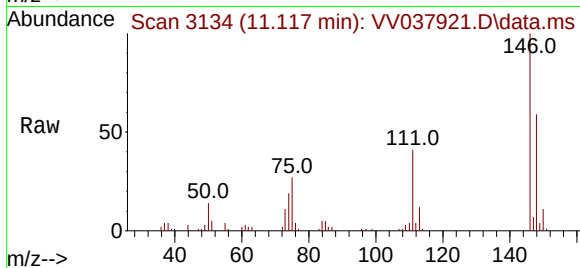
Tgt Ion:146 Resp: 43825

Ion Ratio Lower Upper

146 100

111 40.6 28.7 53.3

148 59.1 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 0.973 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

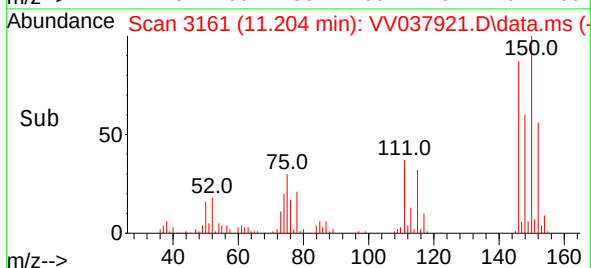
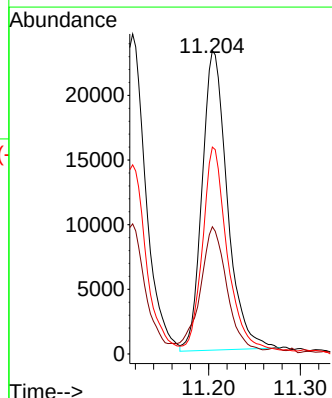
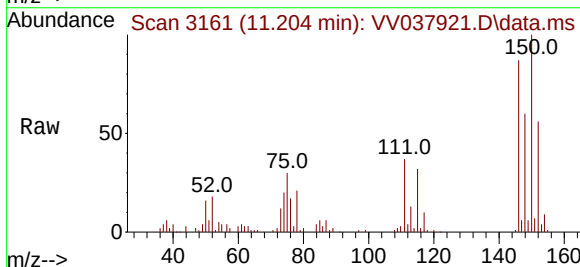
Tgt Ion:146 Resp: 44293

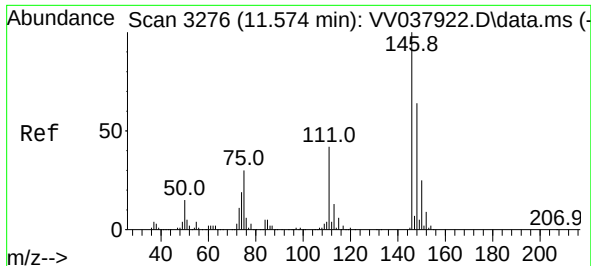
Ion Ratio Lower Upper

146 100

111 41.9 27.6 51.2

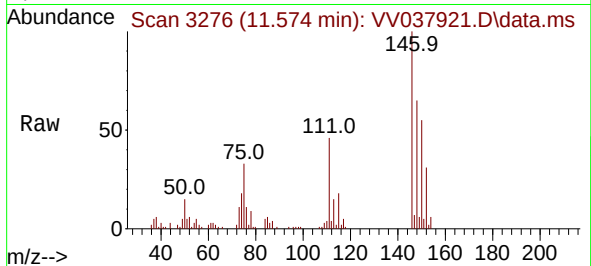
148 68.1 44.4 82.4



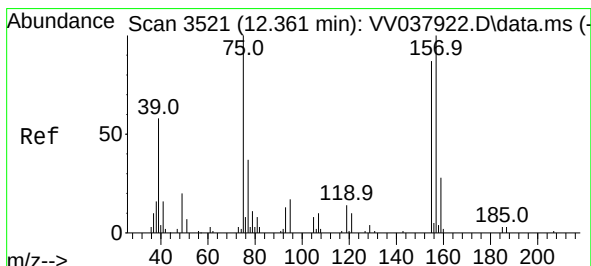
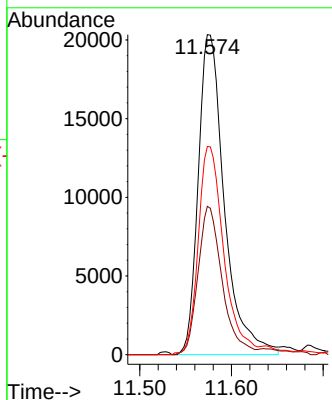
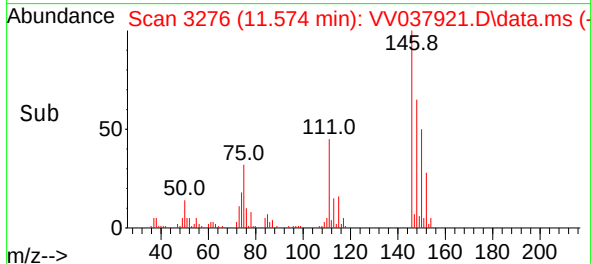


#67
1,2-Dichlorobenzene
Concen: 0.989 ug/L
RT: 11.574 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV037921.D
Acq: 06 Nov 2024 10:53

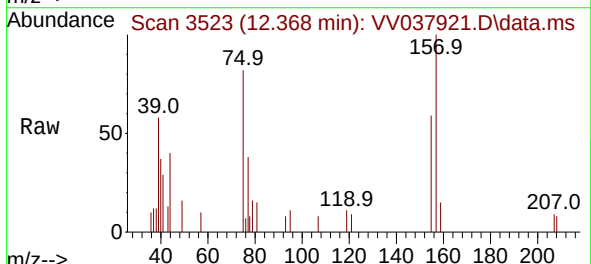
Instrument :
MSVOA_V
ClientSampleId :



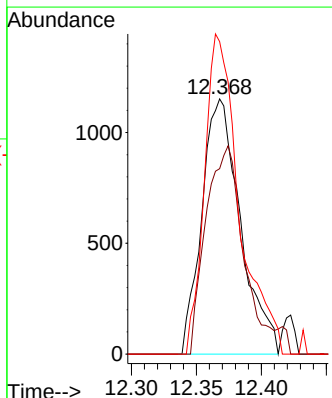
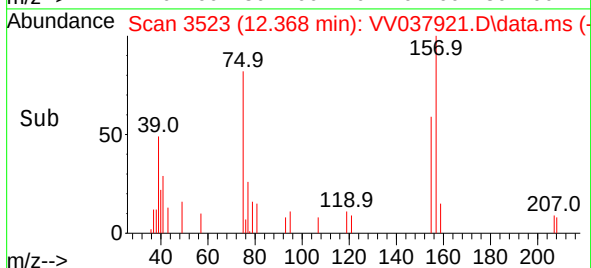
Tgt Ion:146 Resp: 40322
Ion Ratio Lower Upper
146 100
111 46.4 33.9 50.9
148 65.1 51.4 77.2

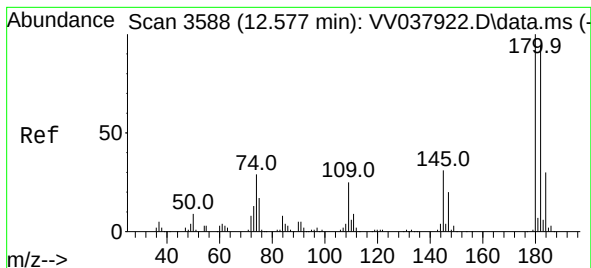


#68
1,2-Dibromo-3-chloropropane
Concen: 0.940 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.007 min
Lab File: VV037921.D
Acq: 06 Nov 2024 10:53



Tgt Ion: 75 Resp: 2384
Ion Ratio Lower Upper
75 100
155 72.7 70.2 105.2
157 122.4 80.2 120.4#





#69

1,3,5-Trichlorobenzene

Concen: 0.942 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

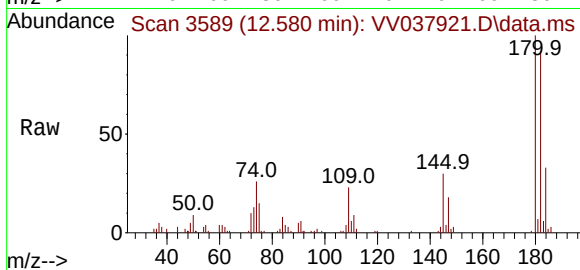
Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 29299

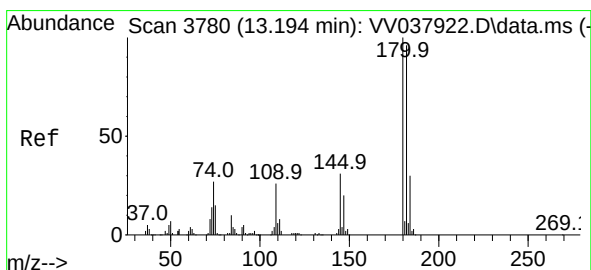
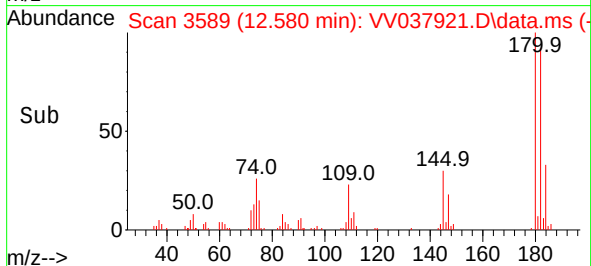
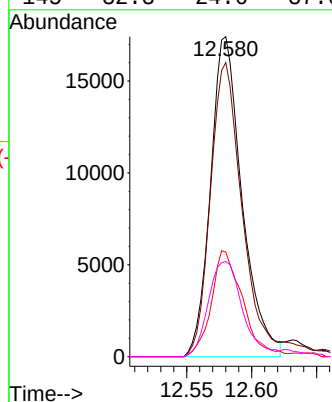
Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.4

184 32.9 24.1 36.1

145 32.3 24.6 37.0



#70

1,2,4-trichlorobenzene

Concen: 0.849 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

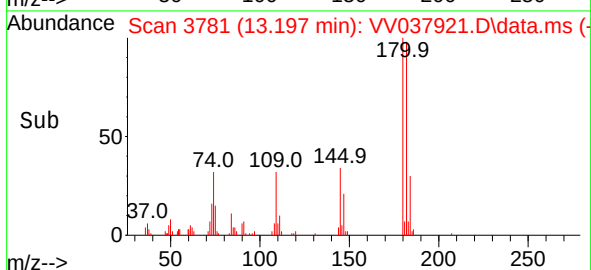
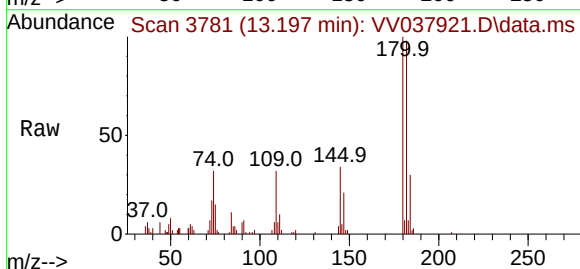
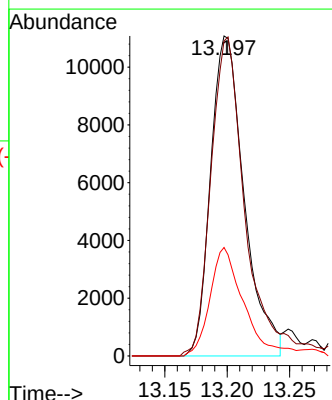
Tgt Ion:180 Resp: 20744

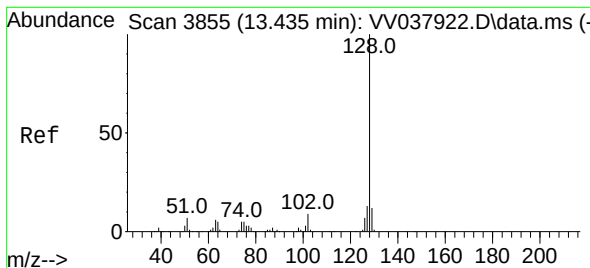
Ion Ratio Lower Upper

180 100

182 103.1 74.8 112.2

145 34.0 25.4 38.0





#71

Naphthalene

Concen: 0.798 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.010 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Instrument :

MSVOA_V

ClientSampleId :

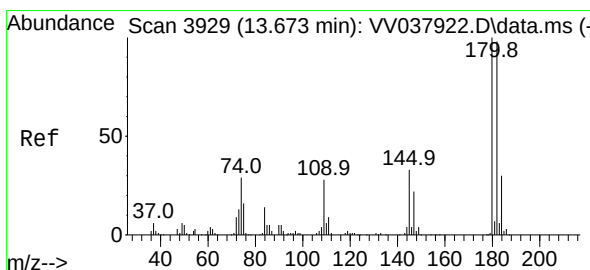
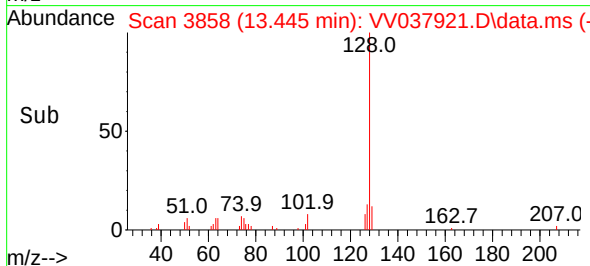
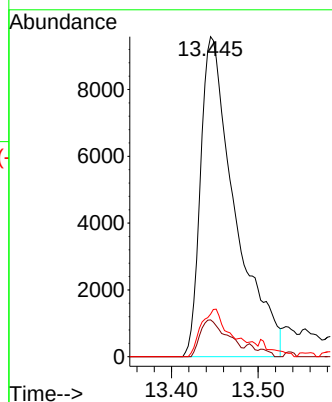
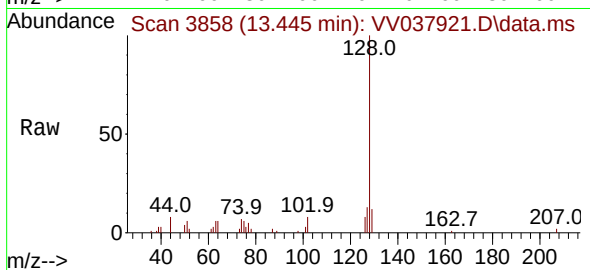
Tgt Ion:128 Resp: 26376

Ion Ratio Lower Upper

128 100

129 9.2 8.3 12.5

127 13.5 9.9 14.9



#72

1,2,3-Trichlorobenzene

Concen: 0.869 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.003 min

Lab File: VV037921.D

Acq: 06 Nov 2024 10:53

Tgt Ion:180 Resp: 18297

Ion Ratio Lower Upper

180 100

182 95.3 79.4 119.0

145 35.0 26.6 40.0

