

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038171.D
 Acq On : 19 Nov 2024 10:53
 Operator : SY/MD
 Sample : VSTD020
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 21:37:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 21:34:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	300941	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	312067	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	174113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	454925	19.722	ug/L	0.00
7) Chloroethane-d5	1.529	69	360915	19.343	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	194927	19.637	ug/L	0.00
20) 2-Butanone-d5	3.786	46	1048859	238.403	ug/L	-0.01
24) Chloroform-d	4.236	84	891187	19.907	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.931	65	411374	20.334	ug/L	0.00
32) Benzene-d6	4.947	84	1680867	20.840	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.976	67	505309	20.408	ug/L	0.00
41) Toluene-d8	7.233	98	1602309	21.470	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.542	79	217548	24.106	ug/L	0.00
46) 2-Hexanone-d5	8.014	63	906785	264.887	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	424875	20.166	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	605992	20.427	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	554396	19.471	ug/L	100
3) Chloromethane	1.214	50	436661	17.810	ug/L	99
5) Vinyl chloride	1.278	62	543333	19.557	ug/L	97
6) Bromomethane	1.484	94	217715	20.098	ug/L	99
8) Chloroethane	1.545	64	334740	17.219	ug/L	99
9) Trichlorofluoromethane	1.706	101	772458	19.538	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	436738	19.356	ug/L	99
12) 1,1-Dichloroethene	2.060	96	415521	19.331	ug/L	99
13) Acetone	2.130	43	673547	197.361	ug/L	98
14) Carbon disulfide	2.233	76	1387461	20.038	ug/L	99
15) Methyl Acetate	2.375	43	166292	19.800	ug/L	98
16) Methylene chloride	2.439	84	463356	18.904	ug/L	98
17) Methyl tert-butyl Ether	2.696	73	1063914	21.892	ug/L	99
18) trans-1,2-Dichloroethene	2.683	96	457637	20.210	ug/L	97
19) 1,1-Dichloroethane	3.101	63	808389	19.667	ug/L	99
21) 2-Butanone	3.867	43	1060263	233.056	ug/L	95
22) cis-1,2-Dichloroethene	3.802	96	512168	21.875	ug/L	99
23) Bromochloromethane	4.133	128	228810	20.016	ug/L	96
25) Chloroform	4.262	83	856238	19.472	ug/L	99
27) 1,2-Dichloroethane	5.030	62	499252	20.866	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	746490	19.945	ug/L	100
30) Cyclohexane	4.571	56	698931	22.516	ug/L	99
31) Carbon tetrachloride	4.722	117	663175	20.085	ug/L	99
33) Benzene	4.998	78	1827782	20.852	ug/L	100
34) Trichloroethene	5.821	95	489182	20.472	ug/L	97
35) Methylcyclohexane	6.040	83	764445	22.613	ug/L	97
37) 1,2-Dichloropropane	6.082	63	456577	20.794	ug/L	100
38) Bromodichloromethane	6.423	83	603206	20.438	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	728610	24.542	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	2594918	229.643	ug/L	97
42) Toluene	7.304	91	1978656	21.313	ug/L	98
44) trans-1,3-Dichloropropene	7.571	75	609631	23.911	ug/L	98

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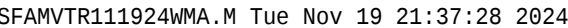
Quant Time: Nov 19 21:37:20 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 21:34:01 2024
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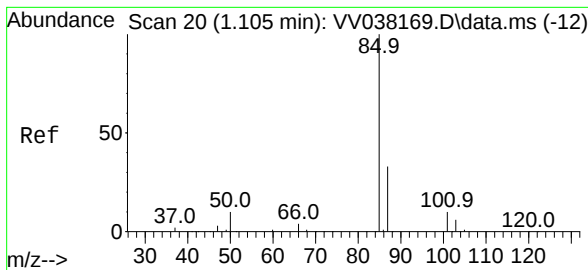
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.757	97	350972	19.710	ug/L	96
47) Tetrachloroethene	7.895	164	386697	20.139	ug/L	98
48) 2-Hexanone	8.066	43	1855814	237.951	ug/L	100
49) Dibromochloromethane	8.165	129	410659	21.153	ug/L	99
50) 1,2-Dibromoethane	8.271	107	343184	20.788	ug/L #	99
51) Chlorobenzene	8.805	112	1296940	20.277	ug/L	99
52) Ethylbenzene	8.937	91	2216980	22.511	ug/L	100
53) m,p-Xylene	9.062	106	860329	23.149	ug/L	97
54) o-Xylene	9.468	106	833839	23.047	ug/L	95
55) Styrene	9.487	104	1480811	23.529	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	417113	20.033	ug/L	99
59) Bromoform	9.657	173	227532	22.455	ug/L	100
60) Isopropylbenzene	9.857	105	2251905	22.455	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	291641	19.564	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	1876915	23.586	ug/L	99
63) 1,2,4-Trimethylbenzene	10.841	105	1901061	23.957	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	1093057	20.300	ug/L	99
65) 1,4-Dichlorobenzene	11.197	146	1099504	20.198	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	1005626	20.178	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	70183	20.975	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	789527	20.699	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	711902	22.579	ug/L	97
71) Naphthalene	13.429	128	1185249	24.164	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	650502	22.328	ug/L	99

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

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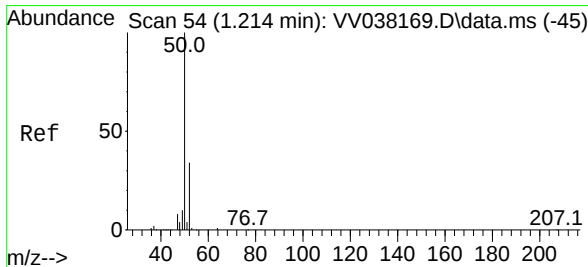
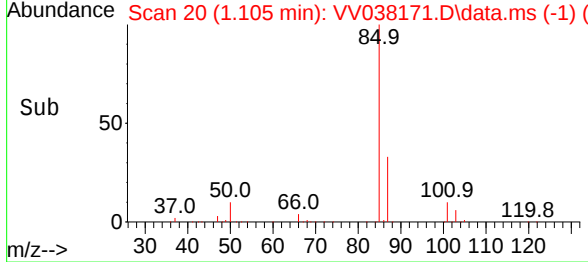
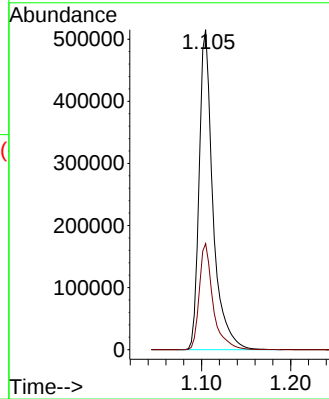
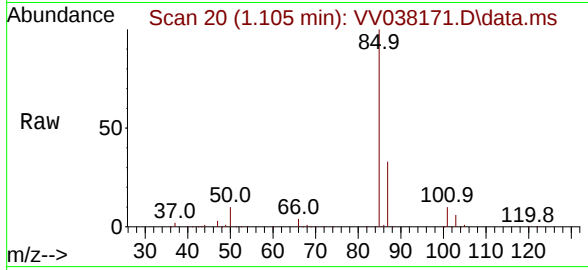




#2
 Dichlorodifluoromethane
 Concen: 19.471 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038171.D
 Acq: 19 Nov 2024 10:53

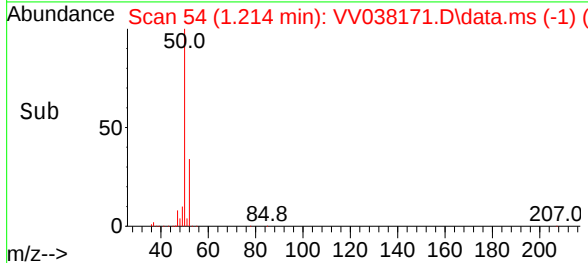
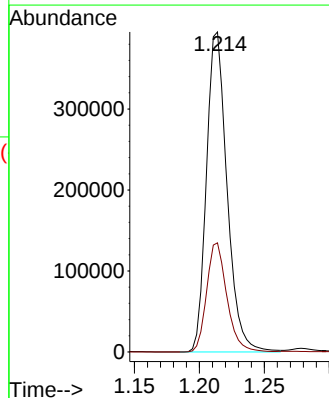
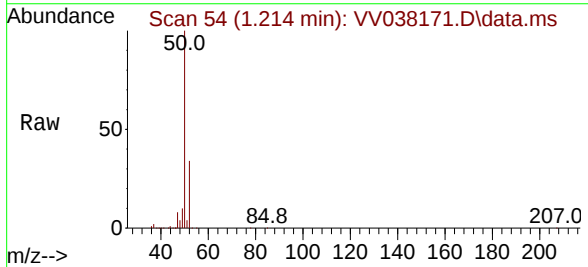
Instrument :
 MSVOA_V
 ClientSampleId :

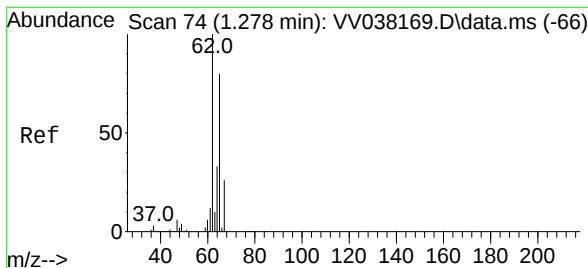
Tgt Ion: 85 Resp: 554396
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.5 39.7



#3
 Chloromethane
 Concen: 17.810 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038171.D
 Acq: 19 Nov 2024 10:53

Tgt Ion: 50 Resp: 436661
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.5 43.7





#5

Vinyl chloride

Concen: 19.557 ug/L

RT: 1.278 min Scan# 74

Delta R.T. 0.000 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_V

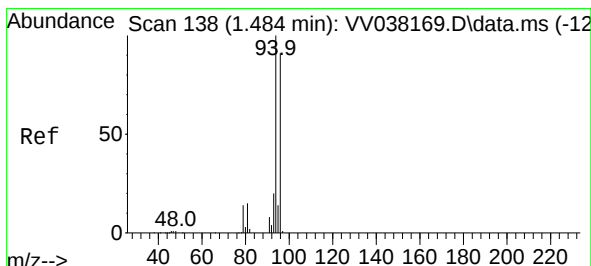
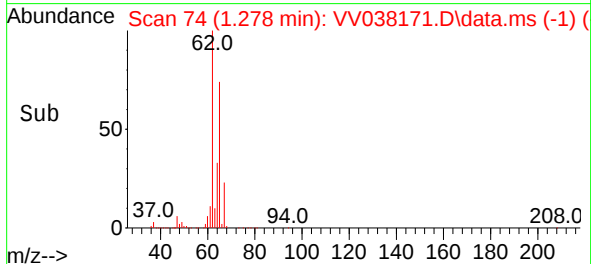
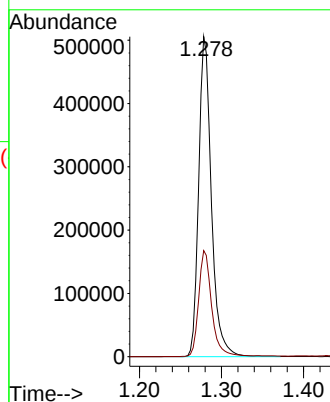
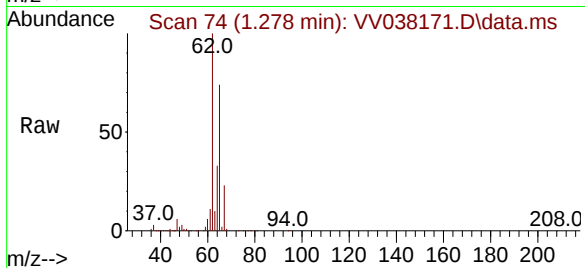
ClientSampleId :

Tgt Ion: 62 Resp: 543333

Ion Ratio Lower Upper

62 100

64 33.2 24.4 45.4



#6

Bromomethane

Concen: 20.098 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV038171.D

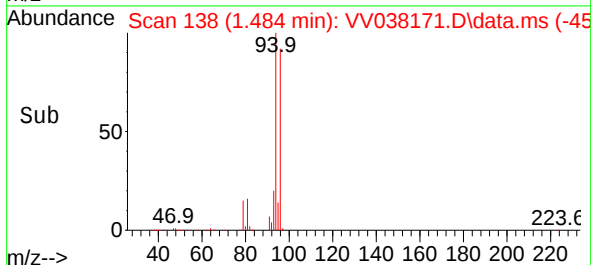
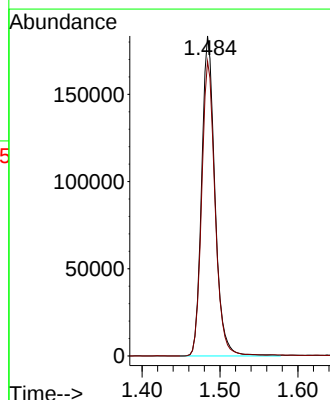
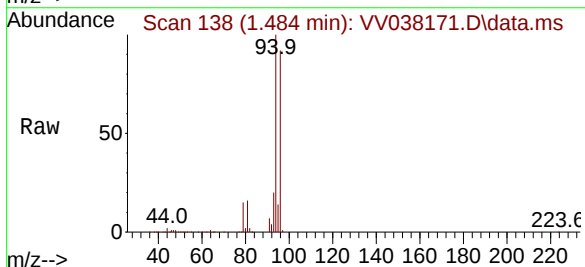
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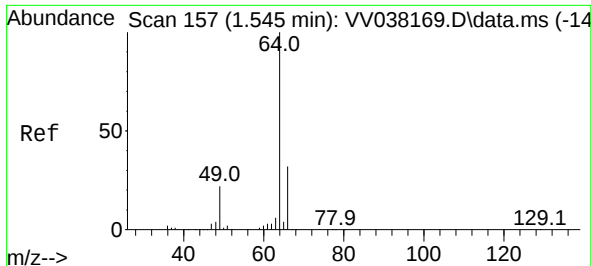
Tgt Ion: 94 Resp: 217715

Ion Ratio Lower Upper

94 100

96 92.1 63.7 118.3

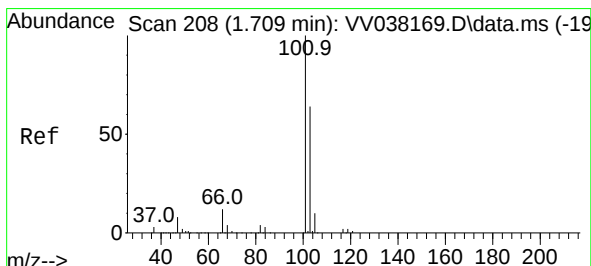
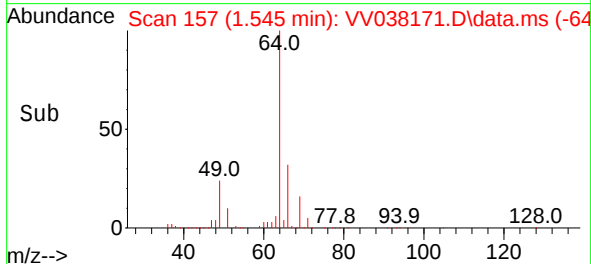
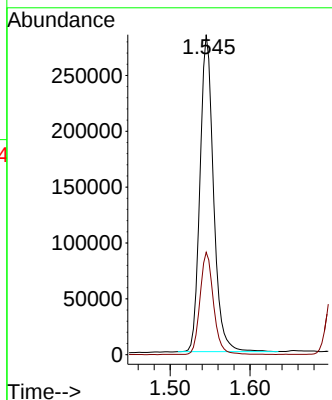
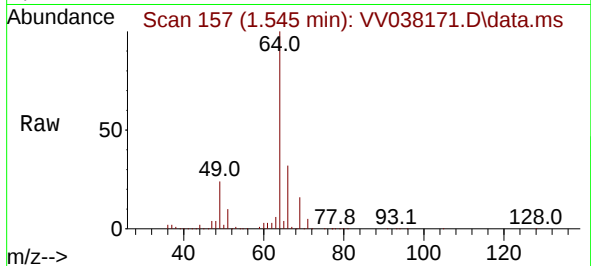




#8
Chloroethane
Concen: 17.219 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038171.D
Acq: 19 Nov 2024 10:53

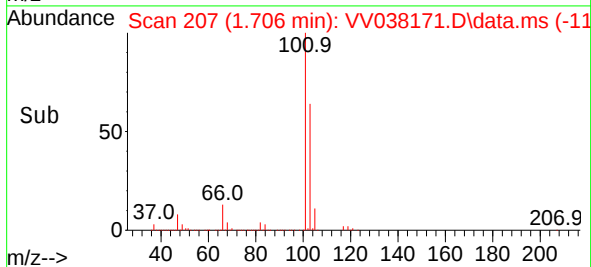
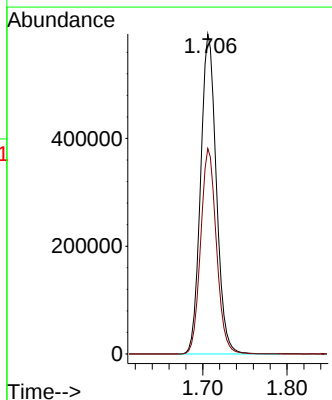
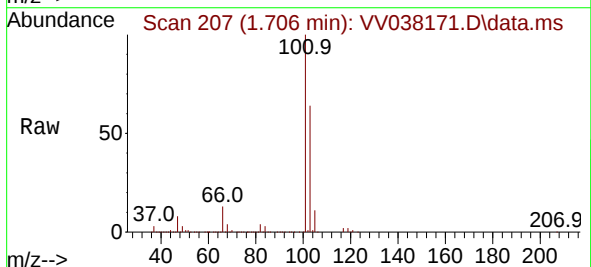
Instrument :
MSVOA_V
ClientSampleId :

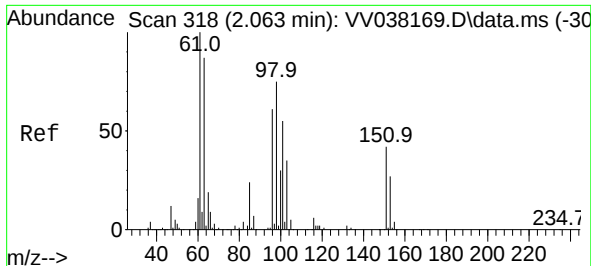
Tgt Ion: 64 Resp: 334740
Ion Ratio Lower Upper
64 100
66 32.0 22.0 40.8



#9
Trichlorofluoromethane
Concen: 19.538 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV038171.D
Acq: 19 Nov 2024 10:53

Tgt Ion:101 Resp: 772458
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

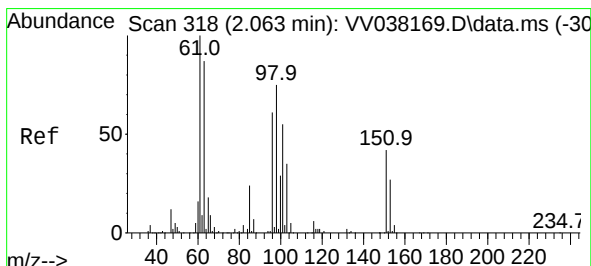
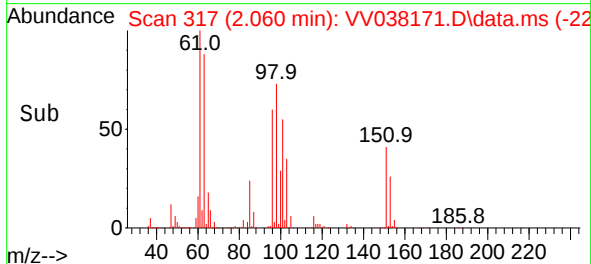
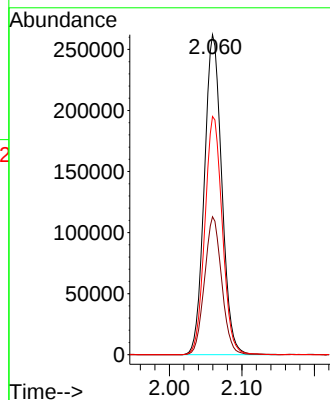
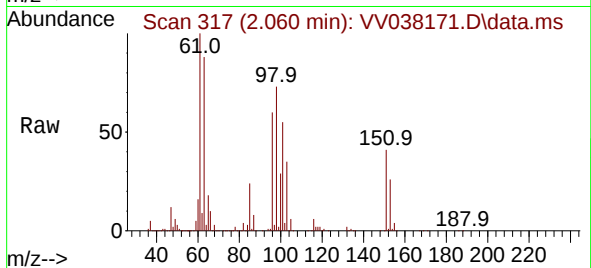




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.356 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV038171.D
 Acq: 19 Nov 2024 10:53

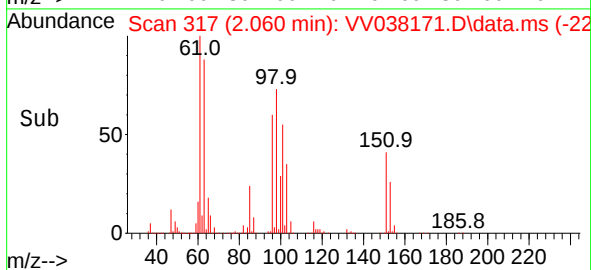
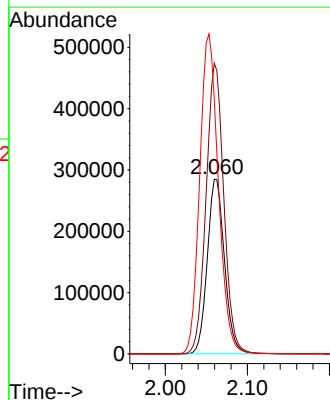
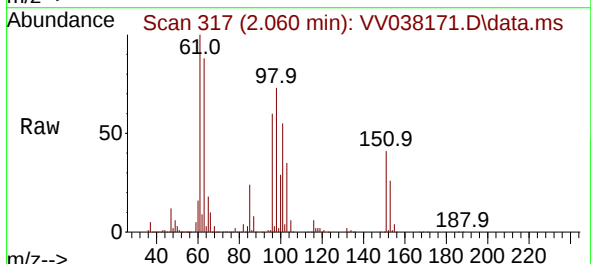
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 ClientSampleId :

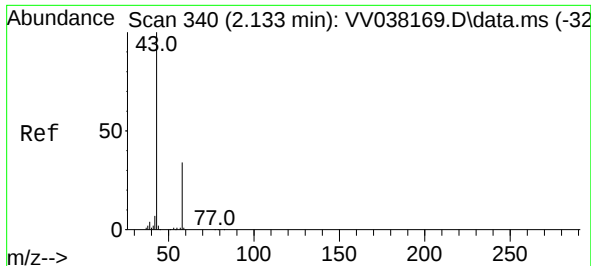
Tgt Ion:101 Resp: 436738
 Ion Ratio Lower Upper
 101 100
 85 42.5 33.4 50.0
 151 74.6 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 19.331 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV038171.D
 Acq: 19 Nov 2024 10:53

Tgt Ion: 96 Resp: 415521
 Ion Ratio Lower Upper
 96 100
 61 166.4 115.7 214.9
 63 145.9 101.1 187.7





#13

Acetone

Concen: 197.361 ug/L

RT: 2.130 min Scan# 340

Delta R.T. -0.003 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_V

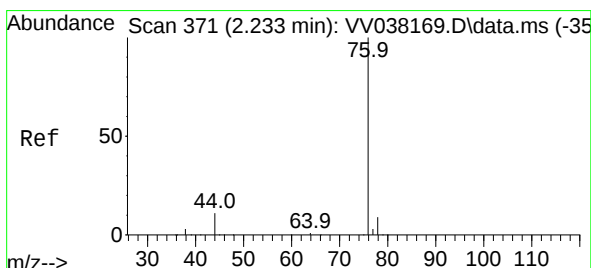
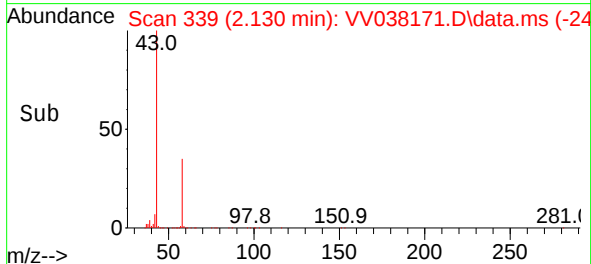
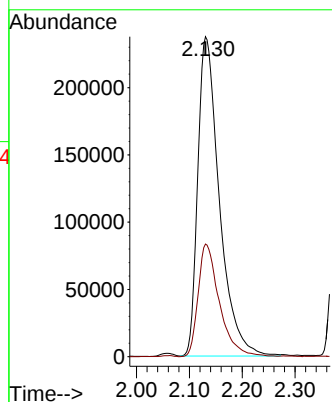
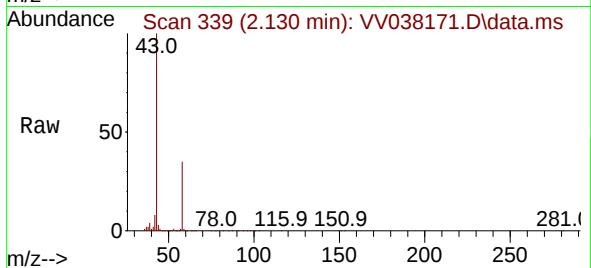
ClientSampleId :

Tgt Ion: 43 Resp: 673547

Ion Ratio Lower Upper

43 100

58 34.8 0.0 67.2



#14

Carbon disulfide

Concen: 20.038 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV038171.D

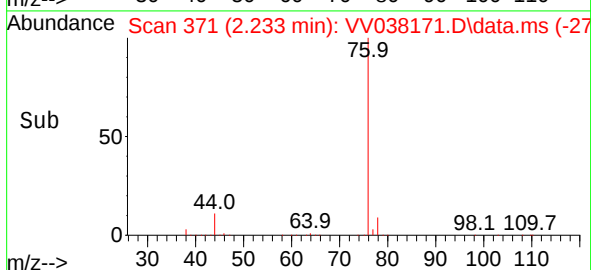
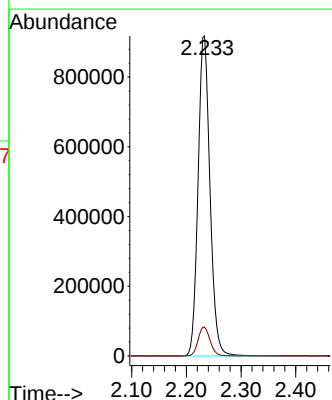
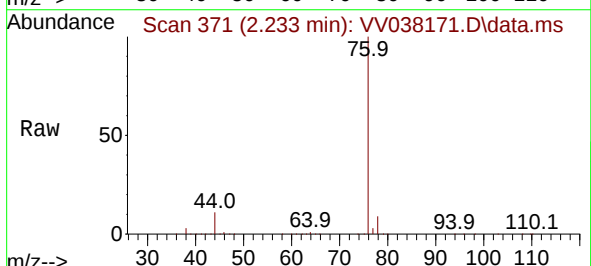
Acq: 19 Nov 2024 10:53

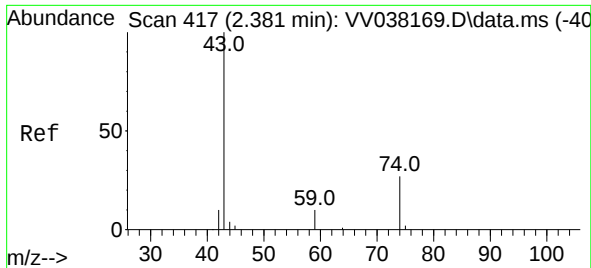
Tgt Ion: 76 Resp: 1387461

Ion Ratio Lower Upper

76 100

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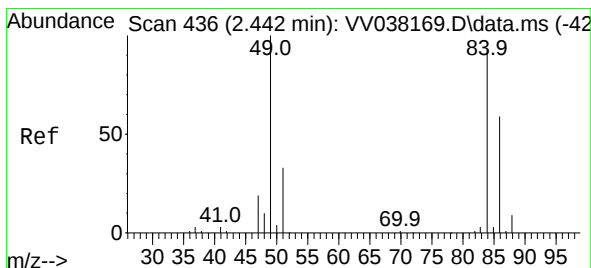
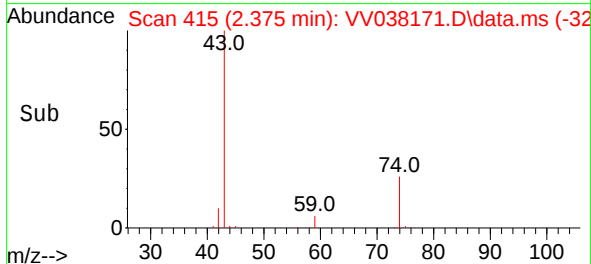
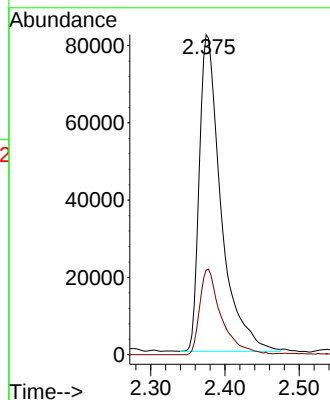
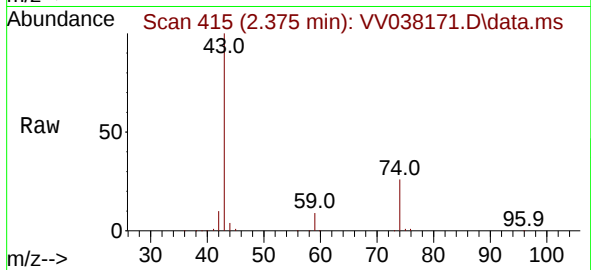




#15
Methyl Acetate
Concen: 19.800 ug/L
RT: 2.375 min Scan# 417
Delta R.T. -0.006 min
Lab File: VV038171.D
Acq: 19 Nov 2024 10:53

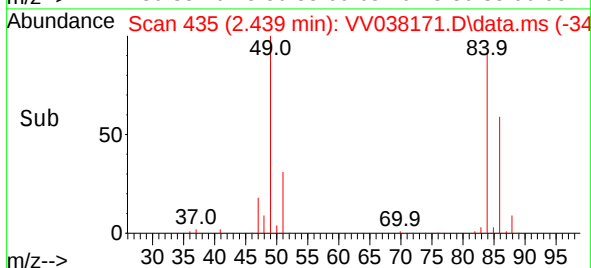
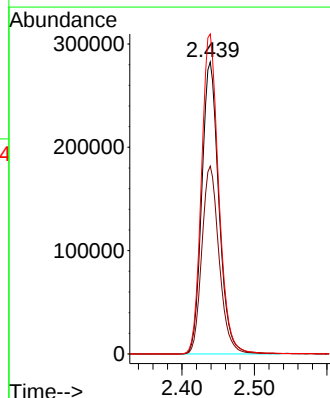
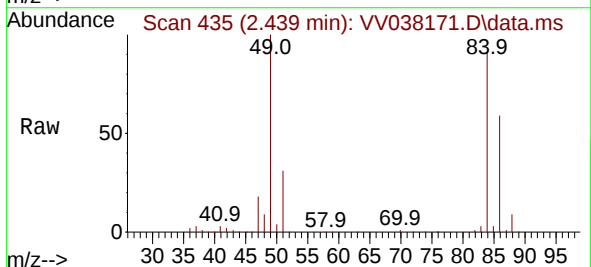
Instrument :
MSVOA_V
ClientSampleId :

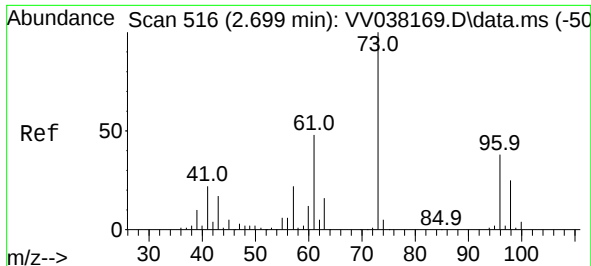
Tgt Ion: 43 Resp: 166292
Ion Ratio Lower Upper
43 100
74 27.0 22.4 33.6



#16
Methylene chloride
Concen: 18.904 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV038171.D
Acq: 19 Nov 2024 10:53

Tgt Ion: 84 Resp: 463356
Ion Ratio Lower Upper
84 100
86 64.3 44.2 82.2
49 109.6 74.9 139.1





#17

Methyl tert-butyl Ether

Concen: 21.892 ug/L

RT: 2.696 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_V

ClientSampleId :

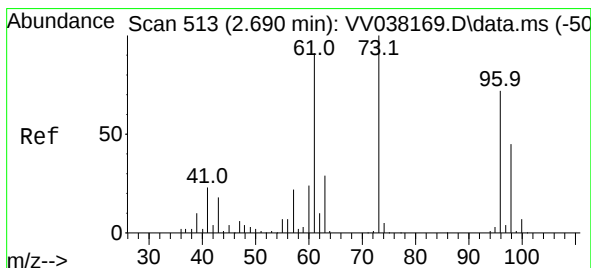
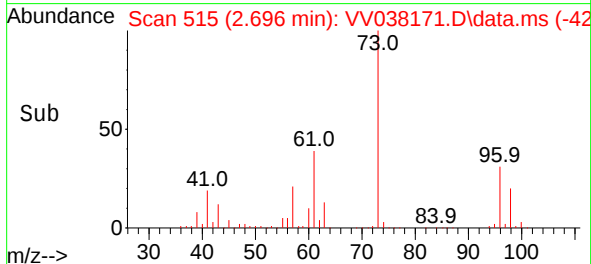
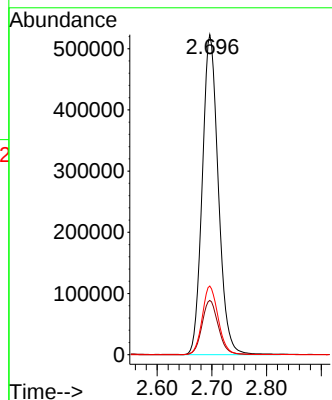
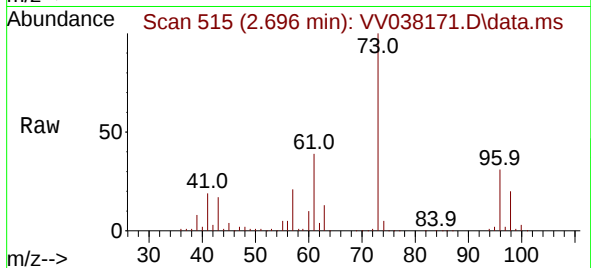
Tgt Ion: 73 Resp: 1063914

Ion Ratio Lower Upper

73 100

43 17.1 14.2 21.2

57 21.4 17.6 26.4



#18

trans-1,2-Dichloroethene

Concen: 20.210 ug/L

RT: 2.683 min Scan# 511

Delta R.T. -0.006 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

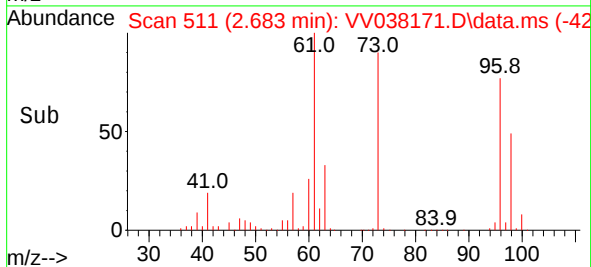
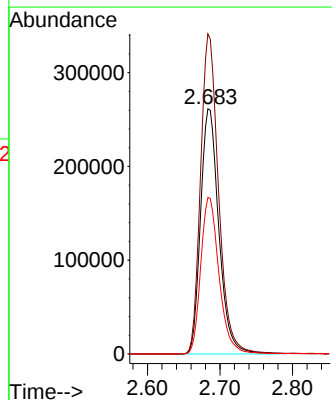
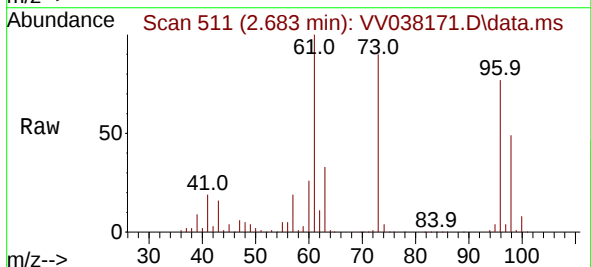
Tgt Ion: 96 Resp: 457637

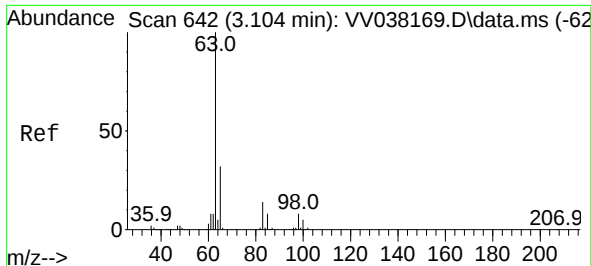
Ion Ratio Lower Upper

96 100

61 130.6 88.5 164.4

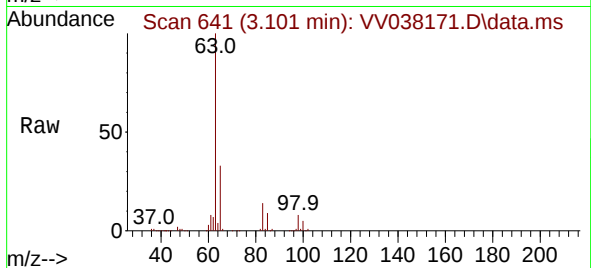
98 63.8 43.9 81.5



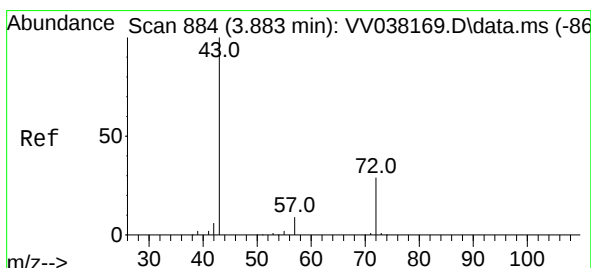
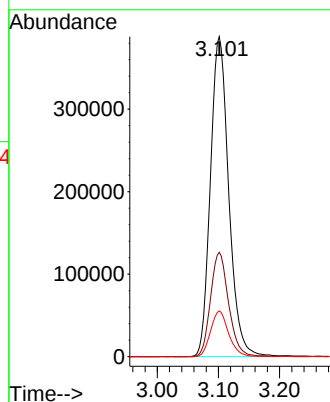
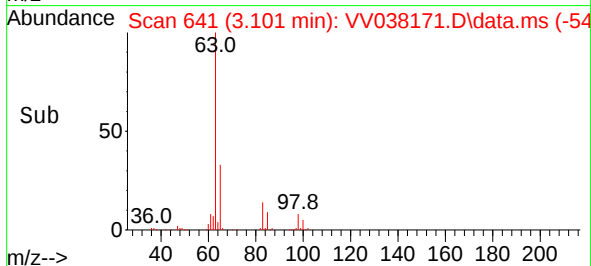


#19
1,1-Dichloroethane
Concen: 19.667 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.003 min
Lab File: VV038171.D
Acq: 19 Nov 2024 10:53

Instrument :
MSVOA_V
ClientSampleId :

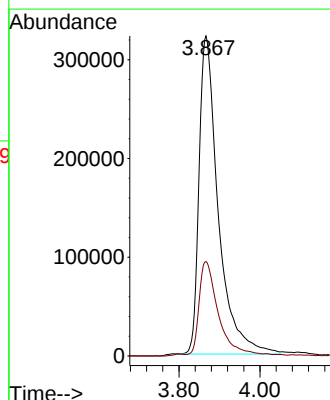
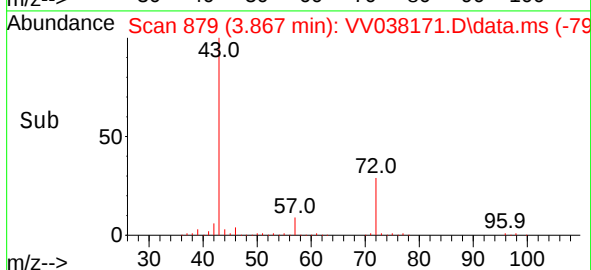
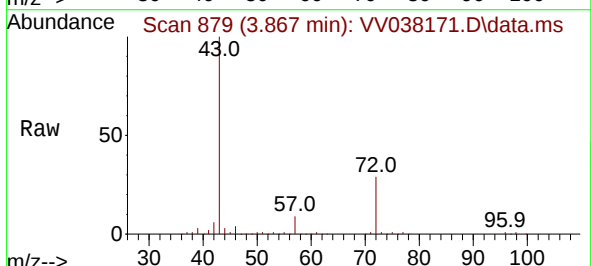


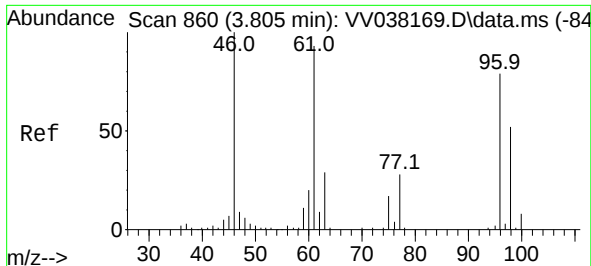
Tgt Ion: 63 Resp: 808389
Ion Ratio Lower Upper
63 100
65 32.6 22.5 41.7
83 14.3 10.1 18.9



#21
2-Butanone
Concen: 233.056 ug/L
RT: 3.867 min Scan# 879
Delta R.T. -0.016 min
Lab File: VV038171.D
Acq: 19 Nov 2024 10:53

Tgt Ion: 43 Resp: 1060263
Ion Ratio Lower Upper
43 100
72 28.8 13.0 39.0





#22

cis-1,2-Dichloroethene

Concen: 21.875 ug/L

RT: 3.802 min Scan# 860

Delta R.T. -0.003 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_V

ClientSampleId :

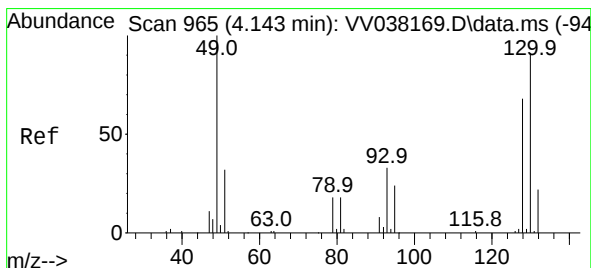
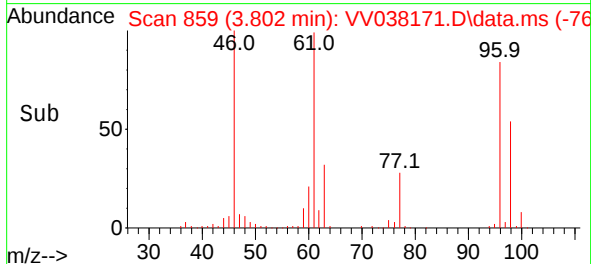
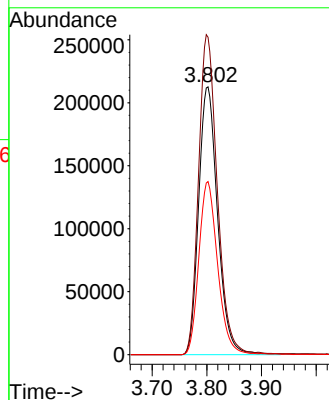
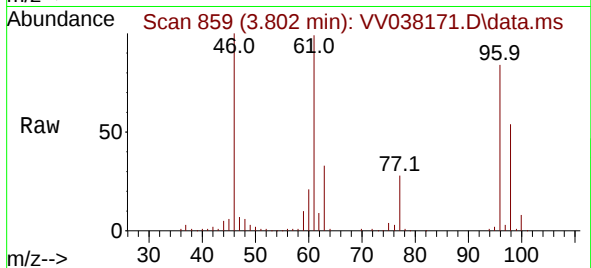
Tgt Ion: 96 Resp: 512168

Ion Ratio Lower Upper

96 100

61 118.5 82.7 153.5

98 64.6 46.3 85.9



#23

Bromochloromethane

Concen: 20.016 ug/L

RT: 4.133 min Scan# 962

Delta R.T. -0.010 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

Tgt Ion:128 Resp: 228810

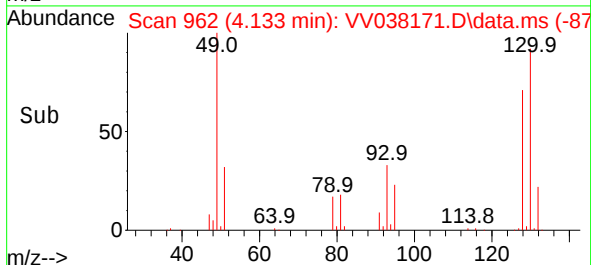
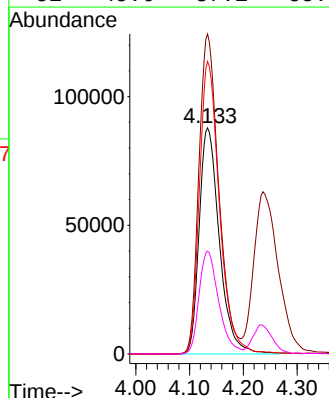
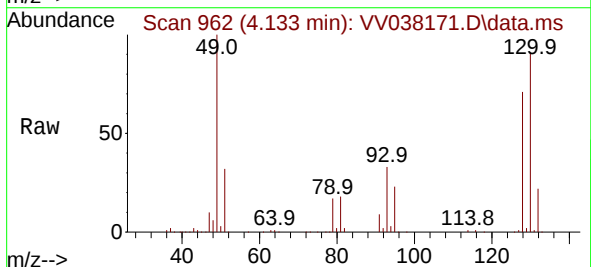
Ion Ratio Lower Upper

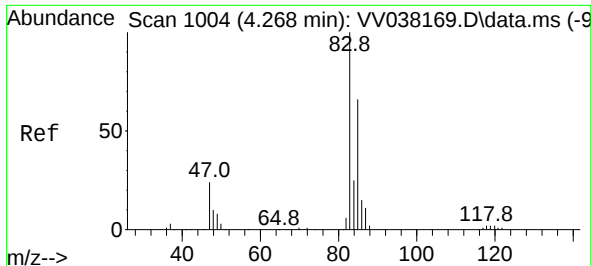
128 100

49 141.6 102.8 190.8

130 129.4 93.6 173.8

51 45.6 37.1 55.7





#25

Chloroform

Concen: 19.472 ug/L

RT: 4.262 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_V

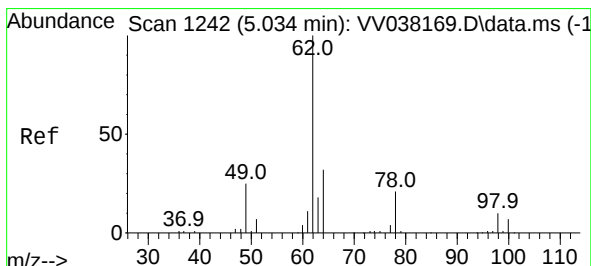
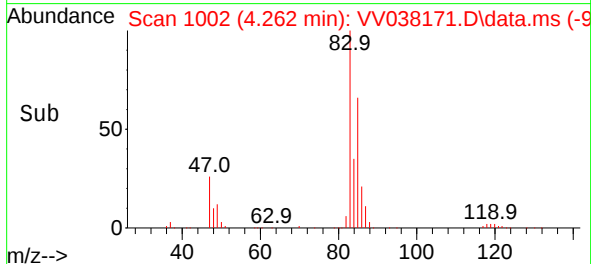
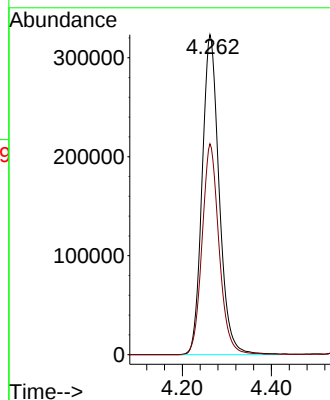
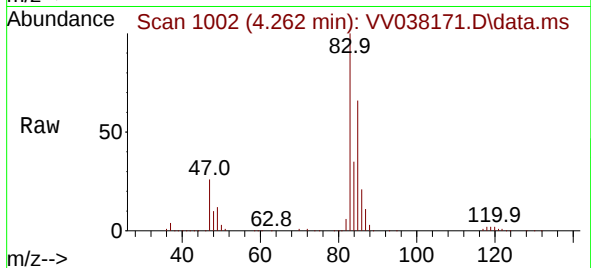
ClientSampleId :

Tgt Ion: 83 Resp: 856238

Ion Ratio Lower Upper

83 100

85 65.9 46.5 86.3



#27

1,2-Dichloroethane

Concen: 20.866 ug/L

RT: 5.030 min Scan# 1241

Delta R.T. -0.003 min

Lab File: VV038171.D

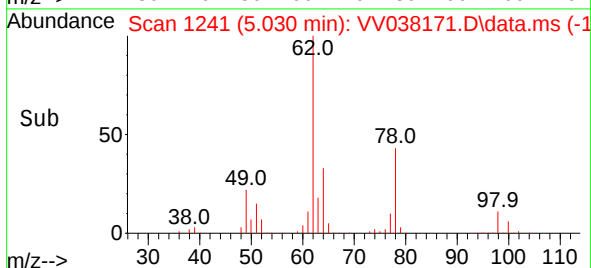
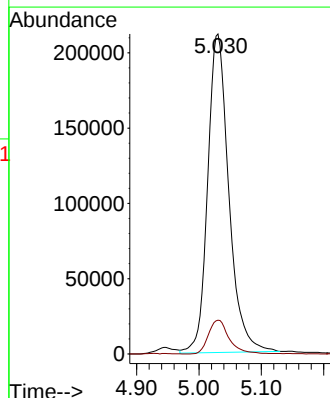
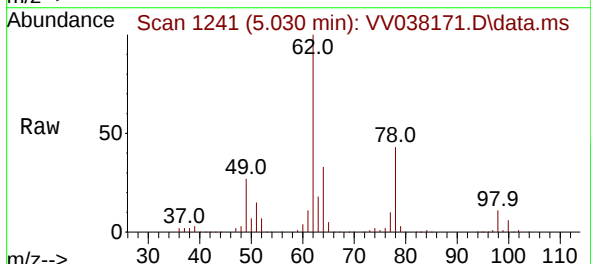
Acq: 19 Nov 2024 10:53

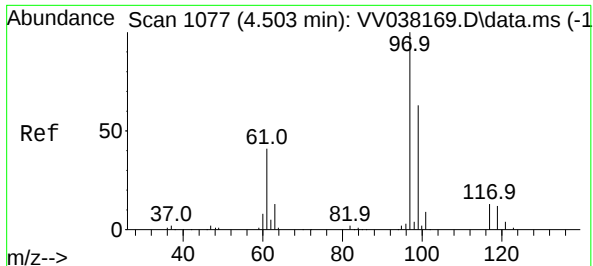
Tgt Ion: 62 Resp: 499252

Ion Ratio Lower Upper

62 100

98 10.5 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 19.945 ug/L

RT: 4.500 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_V

ClientSampleId :

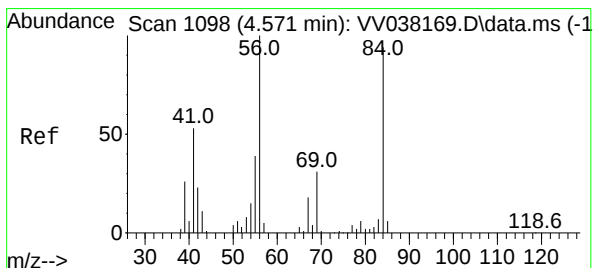
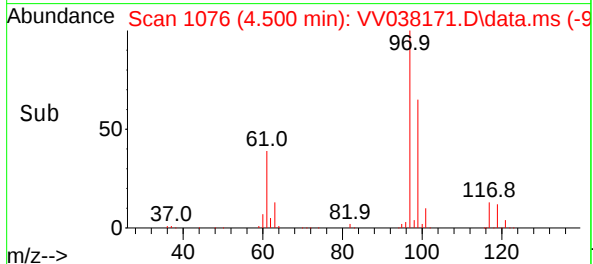
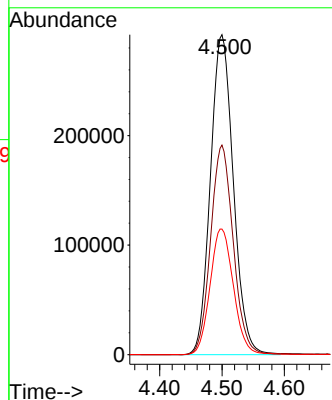
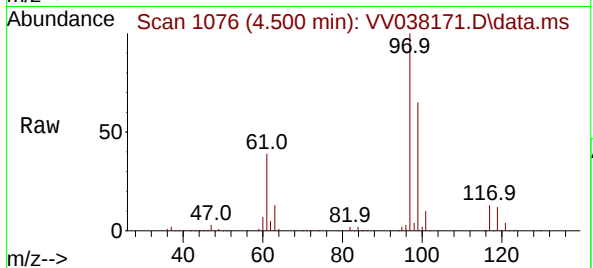
Tgt Ion: 97 Resp: 746490

Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.8

61 39.9 32.2 48.2



#30

Cyclohexane

Concen: 22.516 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

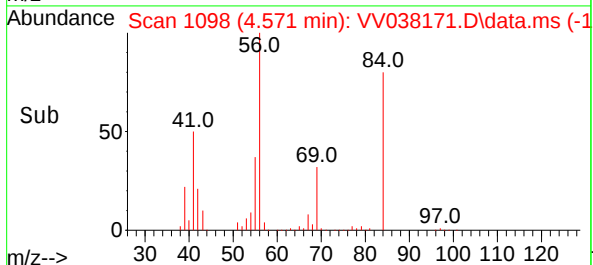
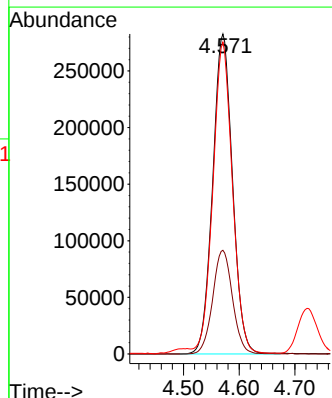
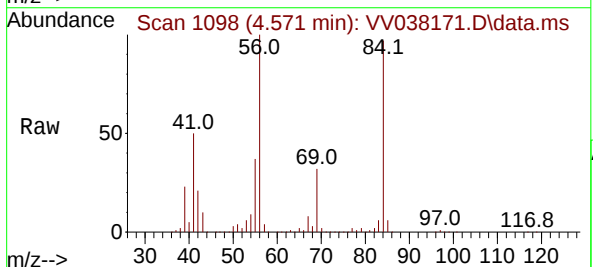
Tgt Ion: 56 Resp: 698931

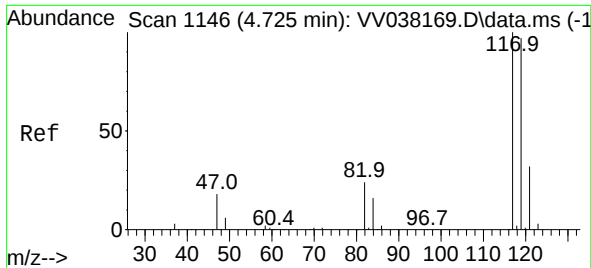
Ion Ratio Lower Upper

56 100

69 32.3 26.0 39.0

84 95.8 75.6 113.4

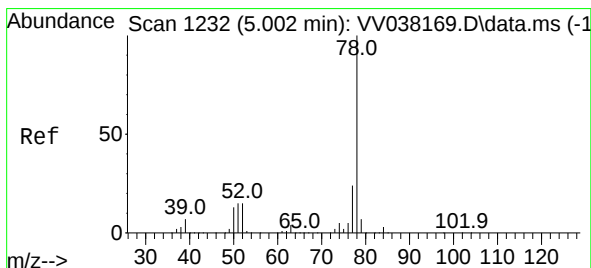
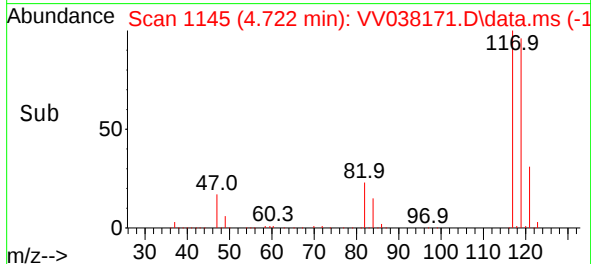
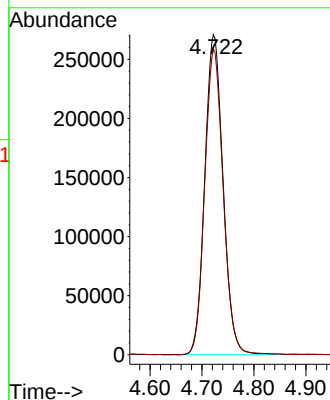
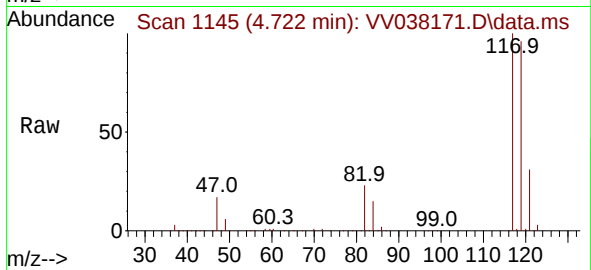




#31
Carbon tetrachloride
Concen: 20.085 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.003 min
Lab File: VV038171.D
Acq: 19 Nov 2024 10:53

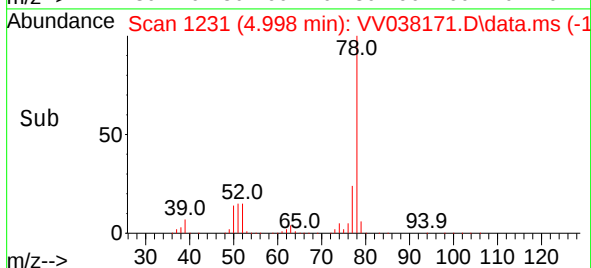
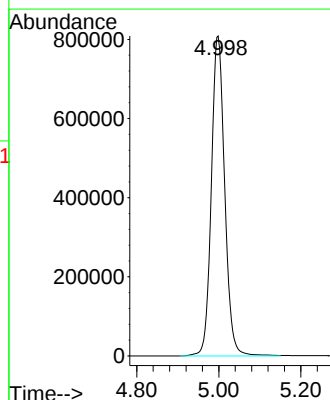
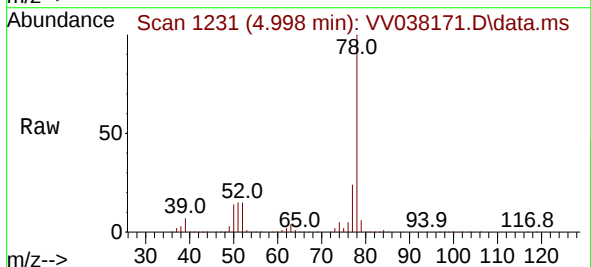
Instrument :
MSVOA_V
ClientSampleId :

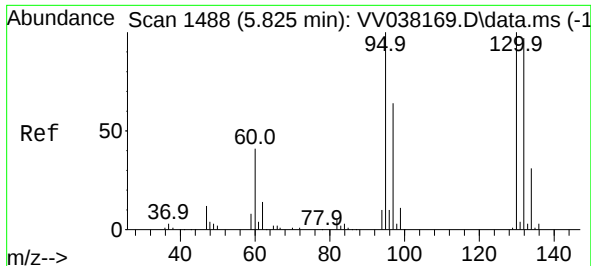
Tgt Ion:117 Resp: 663175
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.2



#33
Benzene
Concen: 20.852 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.003 min
Lab File: VV038171.D
Acq: 19 Nov 2024 10:53

Tgt Ion: 78 Resp: 1827782





#34

Trichloroethene

Concen: 20.472 ug/L

RT: 5.821 min Scan# 1488

Delta R.T. -0.003 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 489182

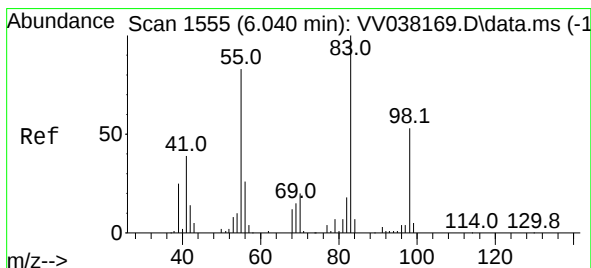
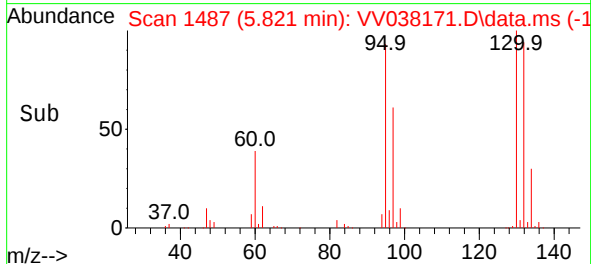
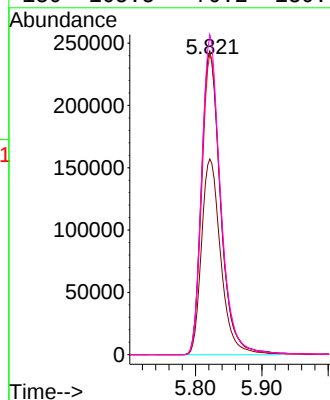
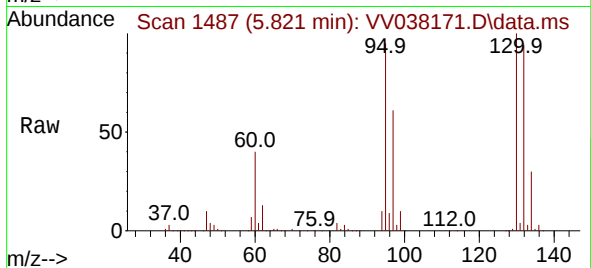
Ion Ratio Lower Upper

95 100

97 64.5 44.8 83.2

132 99.2 68.3 126.8

130 105.5 70.2 130.4



#35

Methylcyclohexane

Concen: 22.613 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

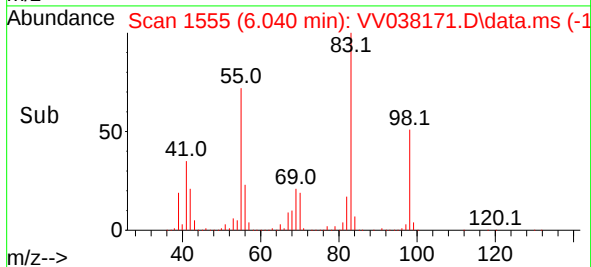
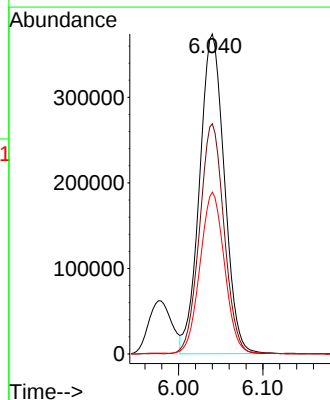
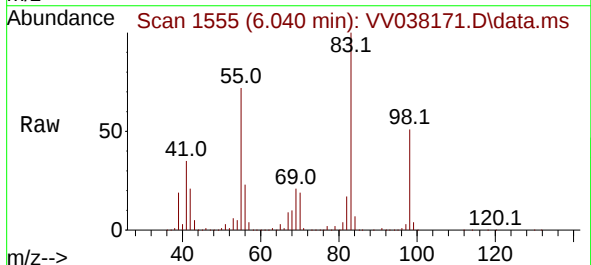
Tgt Ion: 83 Resp: 764445

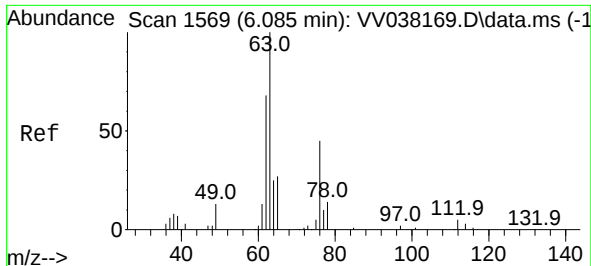
Ion Ratio Lower Upper

83 100

55 71.2 59.7 89.5

98 50.0 39.0 58.4

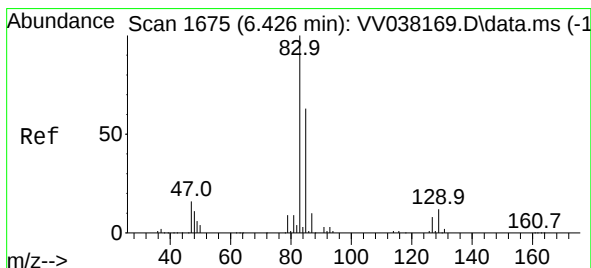
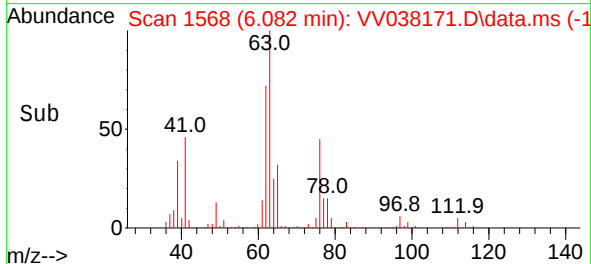
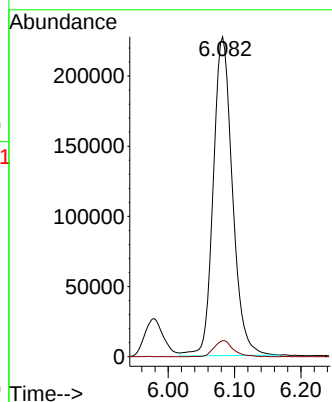
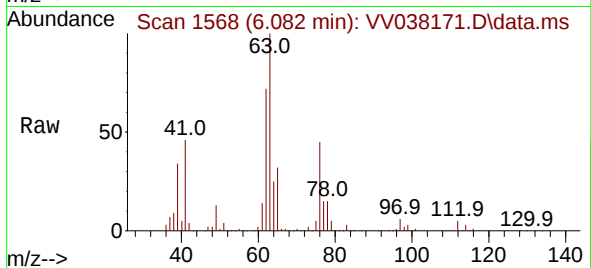




#37
1,2-Dichloropropane
Concen: 20.794 ug/L
RT: 6.082 min Scan# 1568
Delta R.T. -0.003 min
Lab File: VV038171.D
Acq: 19 Nov 2024 10:53

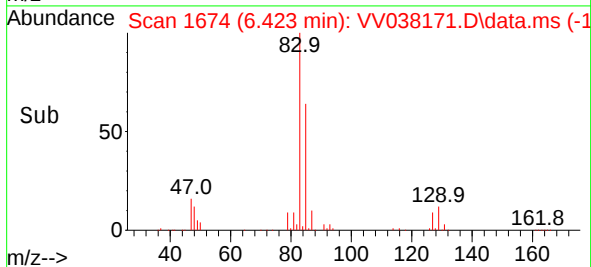
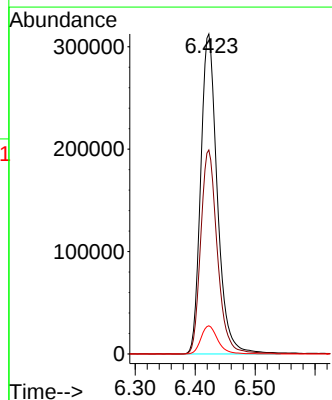
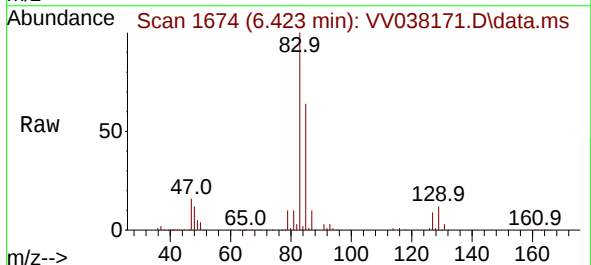
Instrument :
MSVOA_V
ClientSampleId :

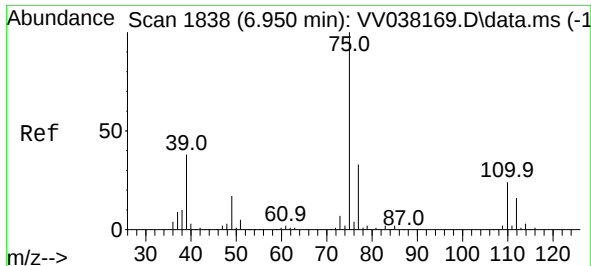
Tgt Ion: 63 Resp: 456577
Ion Ratio Lower Upper
63 100
112 5.0 3.9 5.9



#38
Bromodichloromethane
Concen: 20.438 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. -0.003 min
Lab File: VV038171.D
Acq: 19 Nov 2024 10:53

Tgt Ion: 83 Resp: 603206
Ion Ratio Lower Upper
83 100
85 63.8 43.9 81.5
127 8.8 6.7 10.1

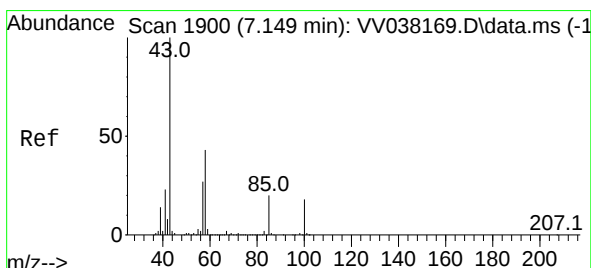
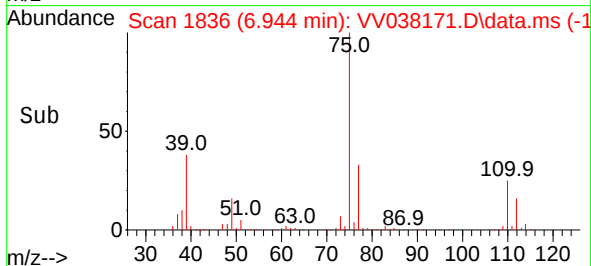
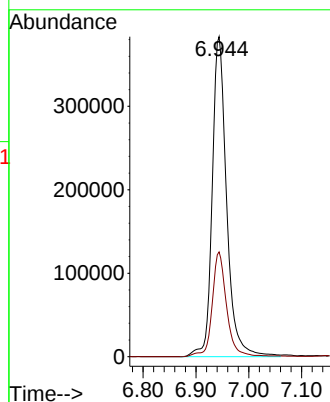
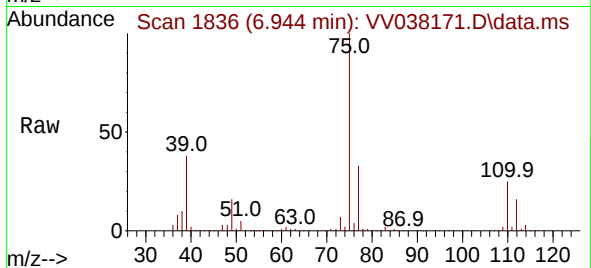




#39
 cis-1,3-Dichloropropene
 Concen: 24.542 ug/L
 RT: 6.944 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: VV038171.D
 Acq: 19 Nov 2024 10:53

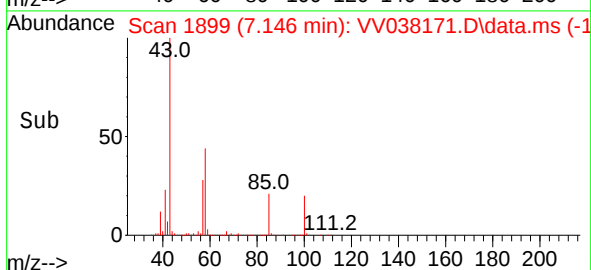
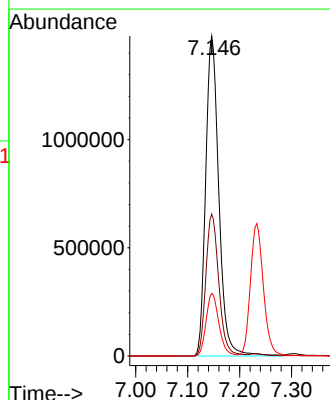
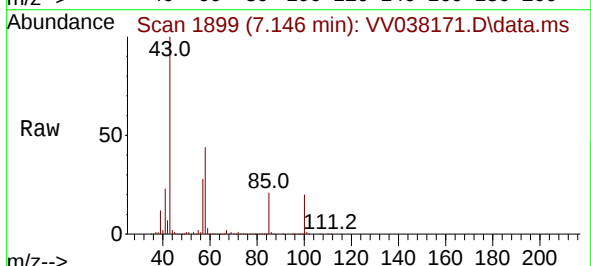
Instrument :
 MSVOA_V
 ClientSampleId :

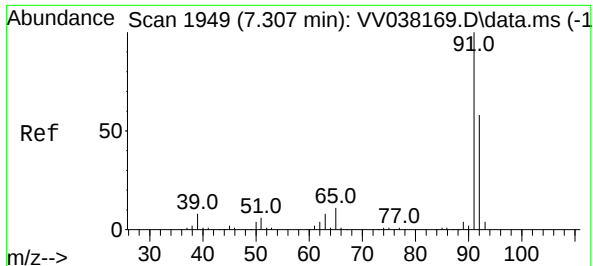
Tgt Ion: 75 Resp: 728610
 Ion Ratio Lower Upper
 75 100
 77 32.7 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 229.643 ug/L
 RT: 7.146 min Scan# 1899
 Delta R.T. -0.003 min
 Lab File: VV038171.D
 Acq: 19 Nov 2024 10:53

Tgt Ion: 43 Resp: 2594918
 Ion Ratio Lower Upper
 43 100
 58 43.8 33.4 50.2
 100 19.1 14.3 21.5





#42

Toluene

Concen: 21.313 ug/L

RT: 7.304 min Scan# 1948

Delta R.T. -0.003 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_V

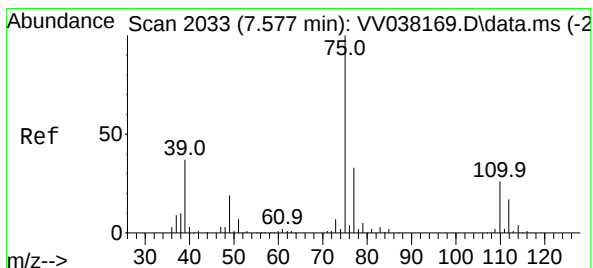
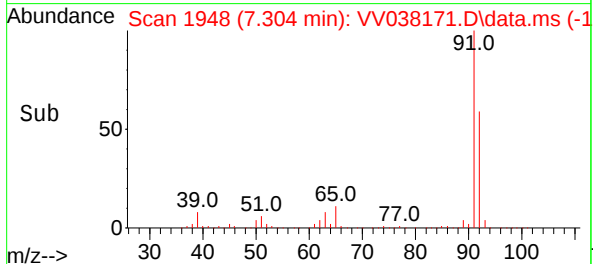
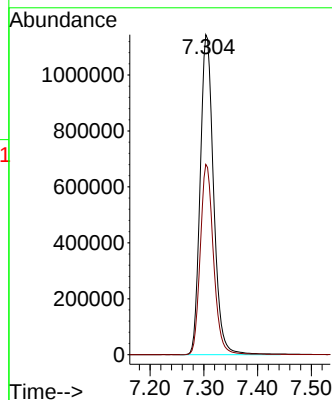
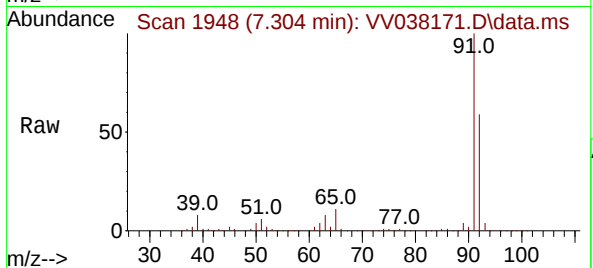
ClientSampleId :

Tgt Ion: 91 Resp: 1978656

Ion Ratio Lower Upper

91 100

92 59.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 23.911 ug/L

RT: 7.571 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VV038171.D

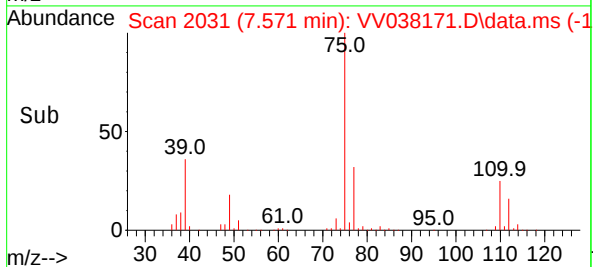
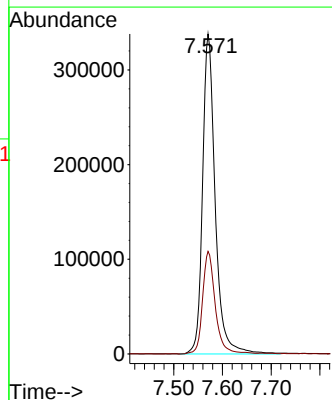
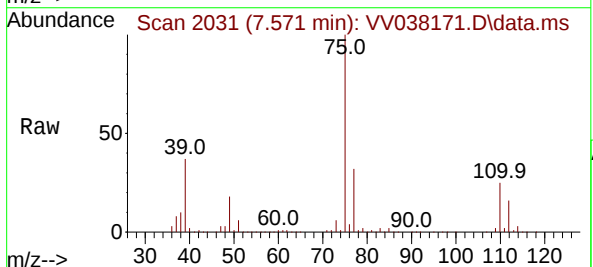
Acq: 19 Nov 2024 10:53

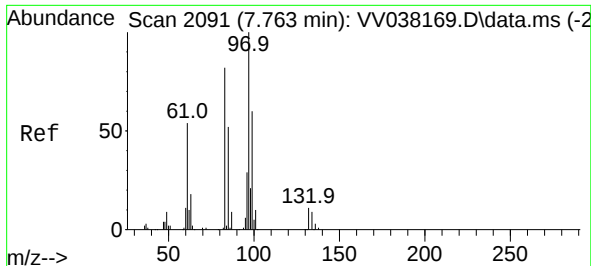
Tgt Ion: 75 Resp: 609631

Ion Ratio Lower Upper

75 100

77 32.0 23.4 43.4





#45

1,1,2-Trichloroethane

Concen: 19.710 ug/L

RT: 7.757 min Scan# 2091

Delta R.T. -0.006 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 350972

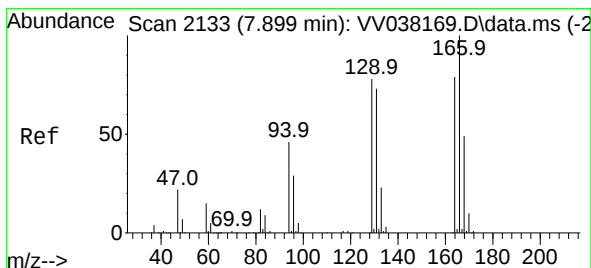
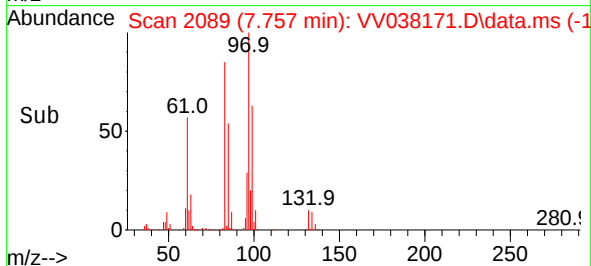
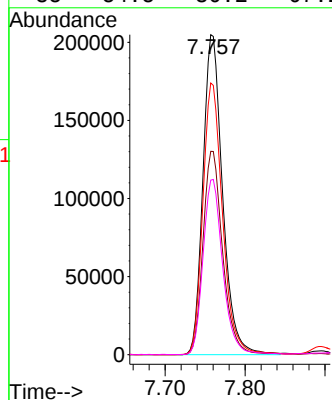
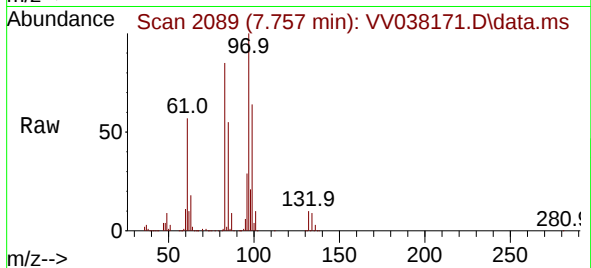
Ion Ratio Lower Upper

97 100

99 63.5 41.9 77.7

83 84.9 57.7 107.1

85 54.5 36.2 67.2



#47

Tetrachloroethene

Concen: 20.139 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.003 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

Tgt Ion:164 Resp: 386697

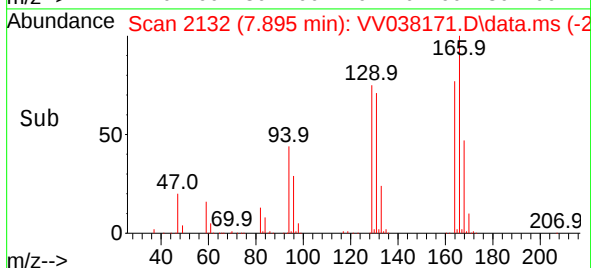
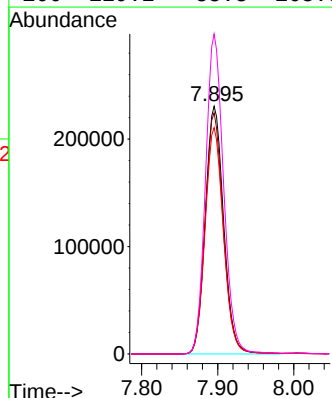
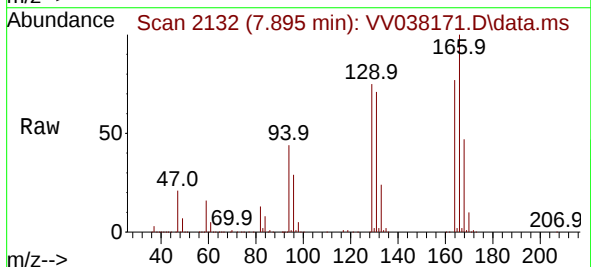
Ion Ratio Lower Upper

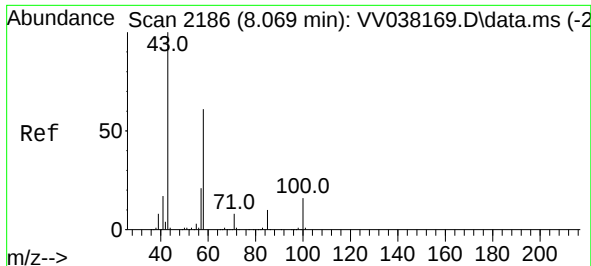
164 100

129 97.4 68.5 127.1

131 91.4 64.8 120.4

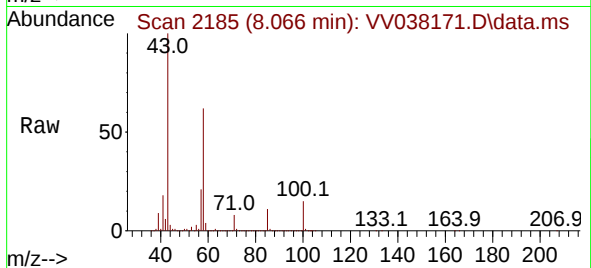
166 129.2 88.3 163.9





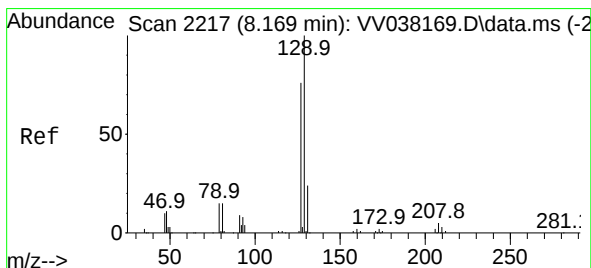
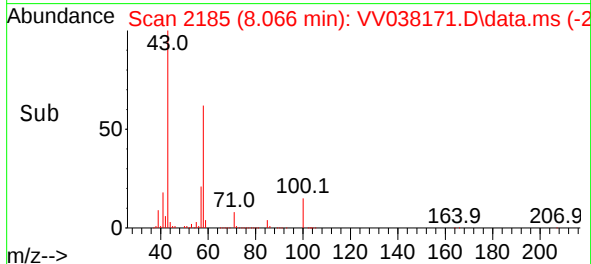
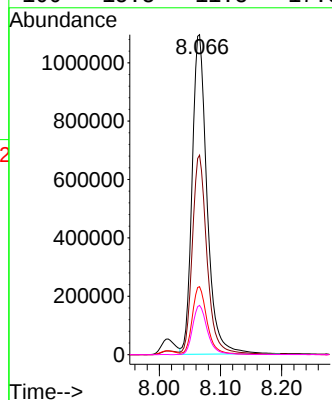
#48
2-Hexanone
Concen: 237.951 ug/L
RT: 8.066 min Scan# 2185
Delta R.T. -0.003 min
Lab File: VV038171.D
Acq: 19 Nov 2024 10:53

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 1855814

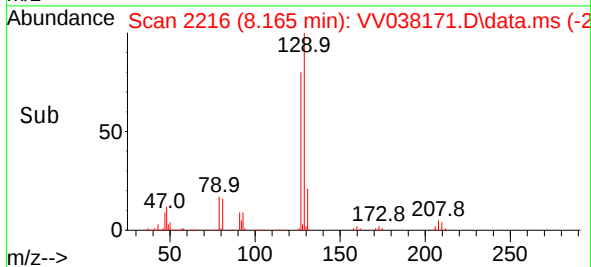
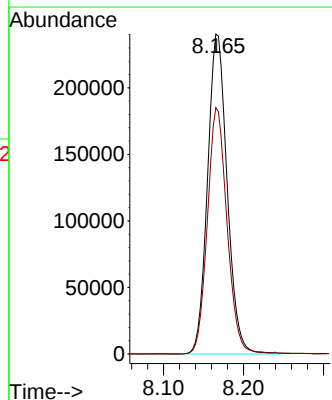
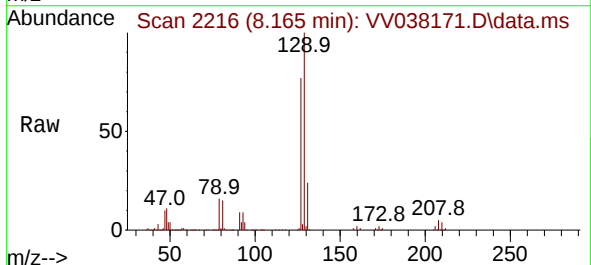
Ion	Ratio	Lower	Upper
43	100		
58	61.3	49.2	73.8
57	21.0	16.9	25.3
100	15.3	11.8	17.8

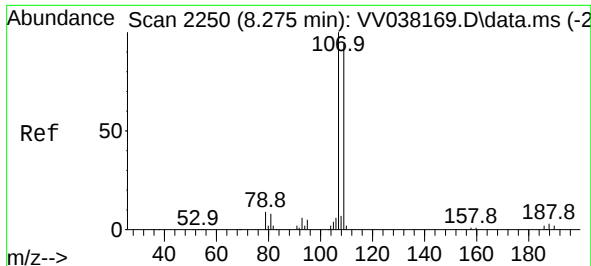


#49
Dibromochloromethane
Concen: 21.153 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV038171.D
Acq: 19 Nov 2024 10:53

Tgt Ion: 129 Resp: 410659

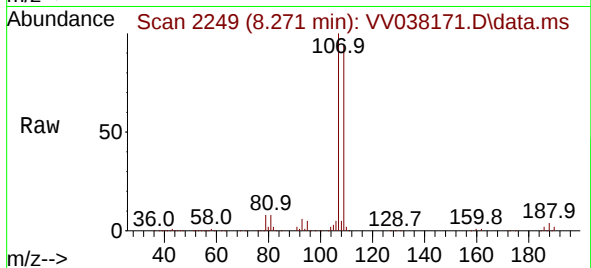
Ion	Ratio	Lower	Upper
129	100		
127	77.0	53.5	99.3



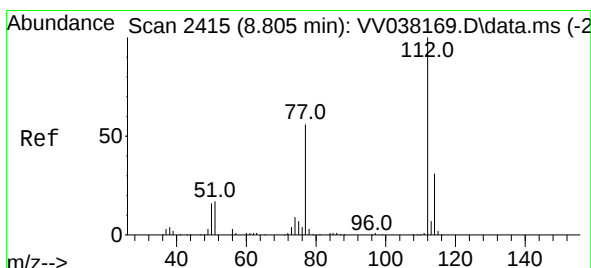
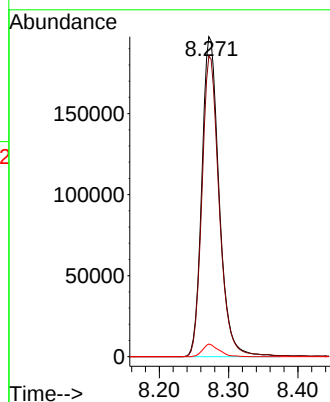
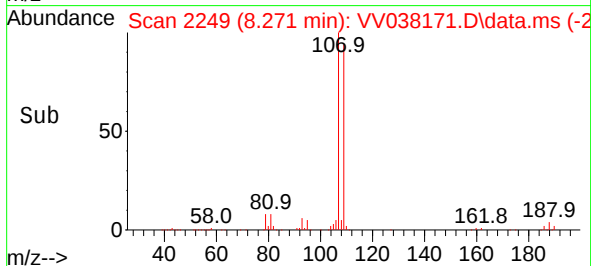


#50
1,2-Dibromoethane
Concen: 20.788 ug/L
RT: 8.271 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038171.D
Acq: 19 Nov 2024 10:53

Instrument :
MSVOA_V
ClientSampleId :

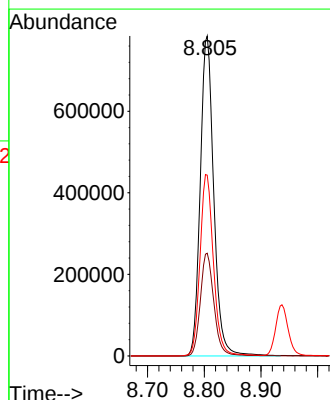
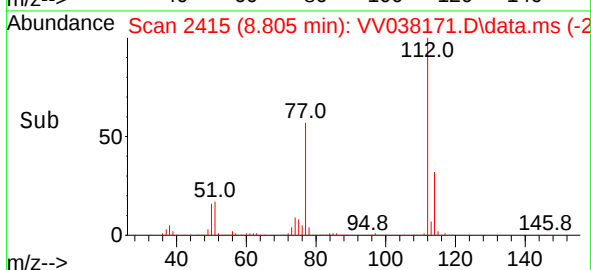
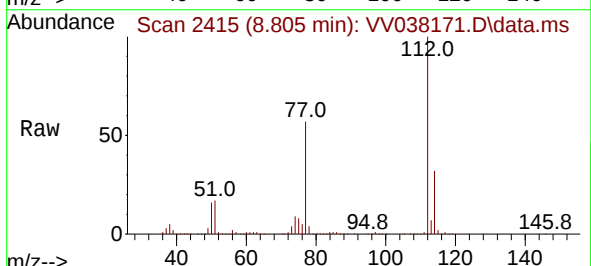


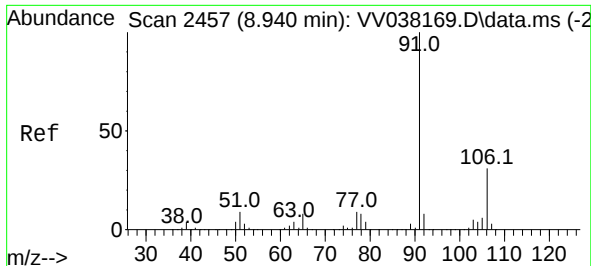
Tgt Ion:107 Resp: 343184
Ion Ratio Lower Upper
107 100
109 93.9 66.1 122.7
188 3.9 2.6 3.8#



#51
Chlorobenzene
Concen: 20.277 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038171.D
Acq: 19 Nov 2024 10:53

Tgt Ion:112 Resp: 1296940
Ion Ratio Lower Upper
112 100
114 32.1 22.0 40.8
77 56.5 45.0 67.4





#52

Ethylbenzene

Concen: 22.511 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_V

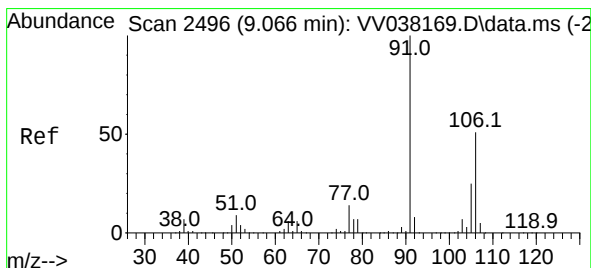
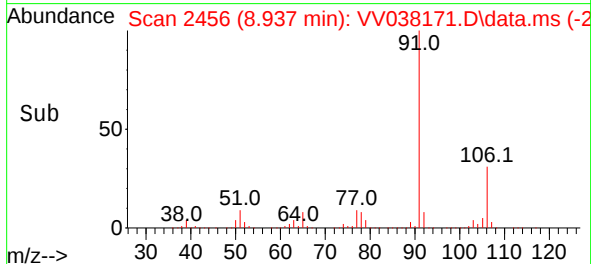
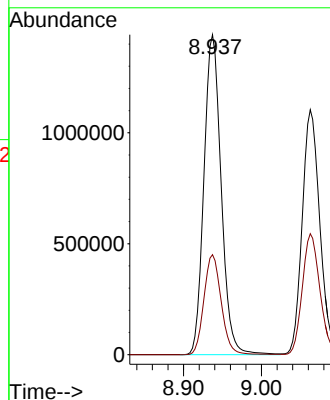
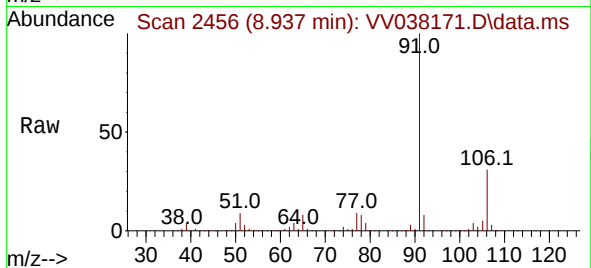
ClientSampleId :

Tgt Ion: 91 Resp: 2216980

Ion Ratio Lower Upper

91 100

106 31.3 21.8 40.4



#53

m,p-Xylene

Concen: 23.149 ug/L

RT: 9.062 min Scan# 2495

Delta R.T. -0.003 min

Lab File: VV038171.D

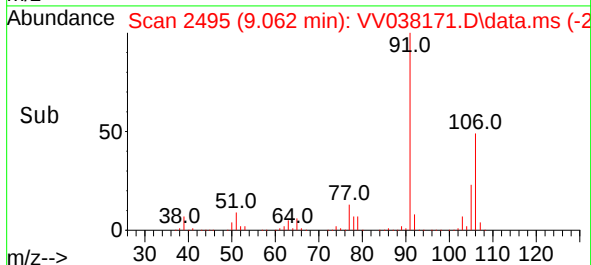
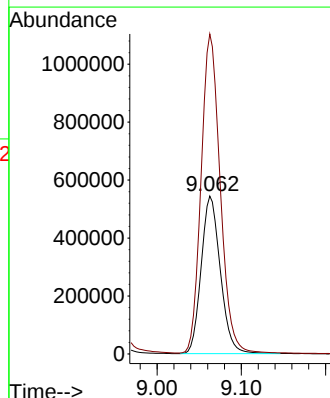
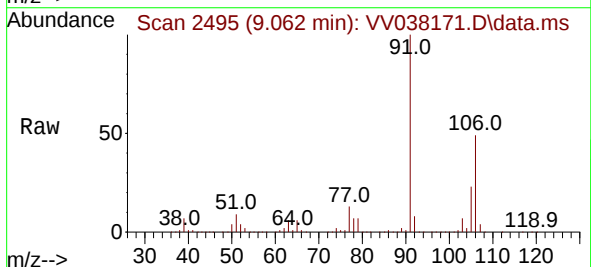
Acq: 19 Nov 2024 10:53

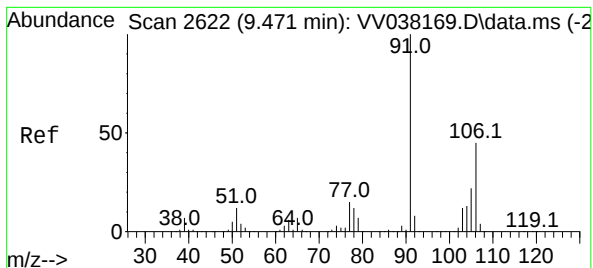
Tgt Ion:106 Resp: 860329

Ion Ratio Lower Upper

106 100

91 202.6 138.7 257.5





#54

o-Xylene

Concen: 23.047 ug/L

RT: 9.468 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_V

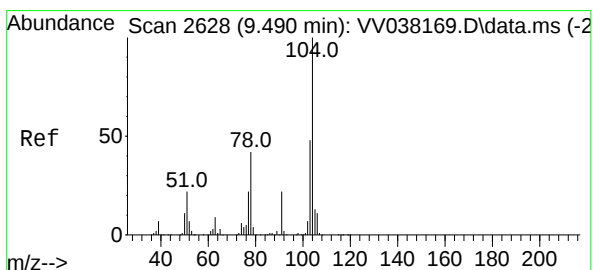
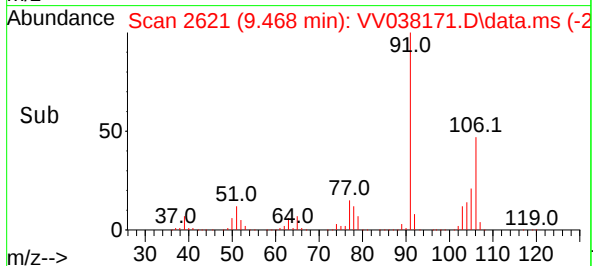
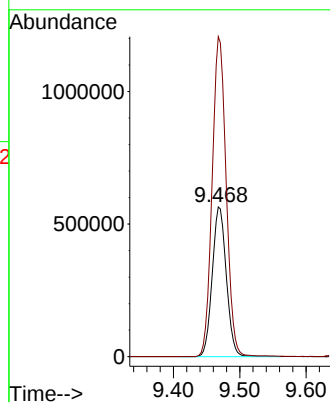
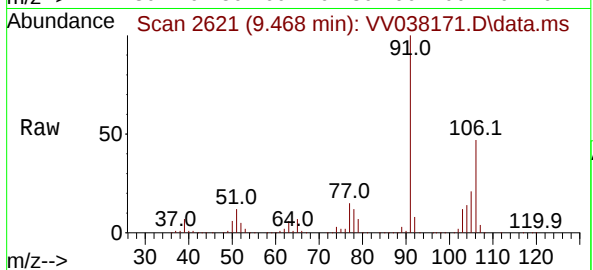
ClientSampleId :

Tgt Ion:106 Resp: 833839

Ion Ratio Lower Upper

106 100

91 213.6 155.5 288.7



#55

Styrene

Concen: 23.529 ug/L

RT: 9.487 min Scan# 2627

Delta R.T. -0.003 min

Lab File: VV038171.D

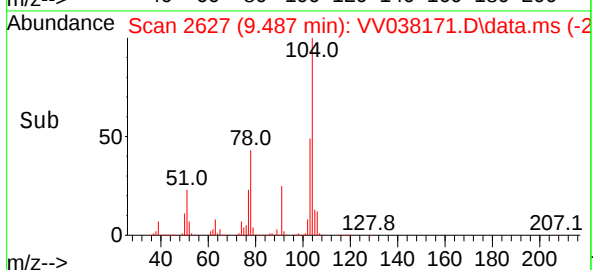
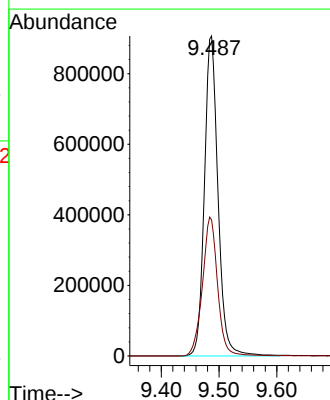
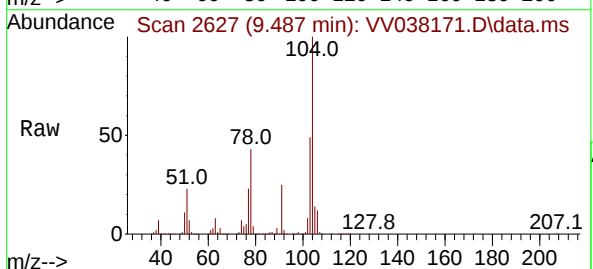
Acq: 19 Nov 2024 10:53

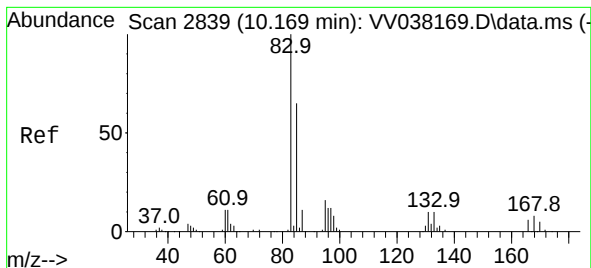
Tgt Ion:104 Resp: 1480811

Ion Ratio Lower Upper

104 100

78 42.6 29.7 55.1

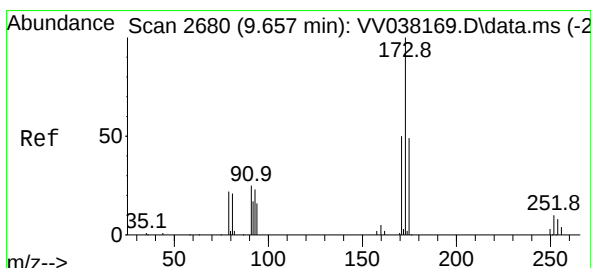
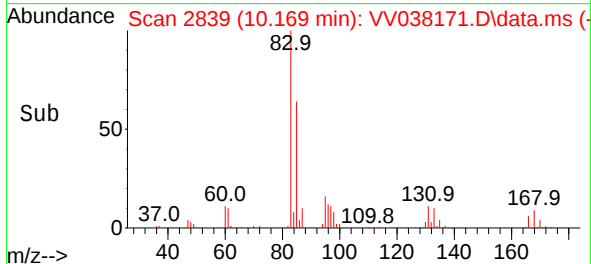
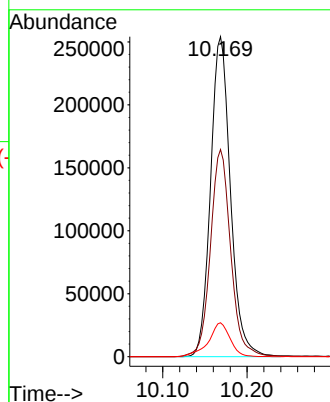
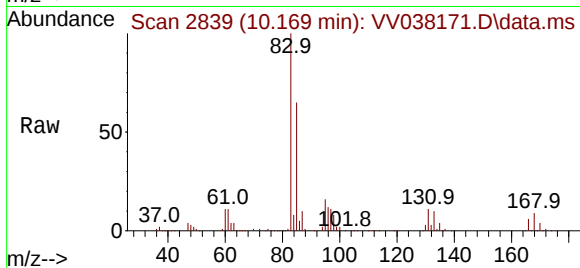




#57
1,1,2,2-Tetrachloroethane
Concen: 20.033 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. 0.000 min
Lab File: VV038171.D
Acq: 19 Nov 2024 10:53

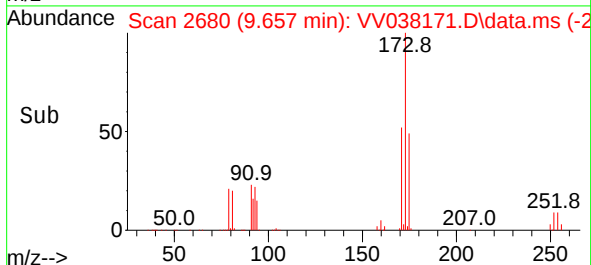
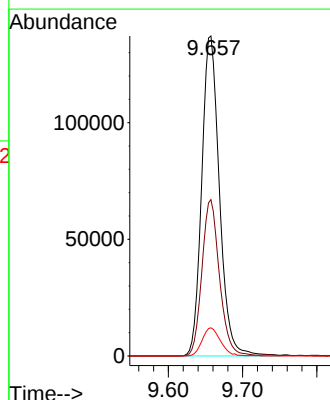
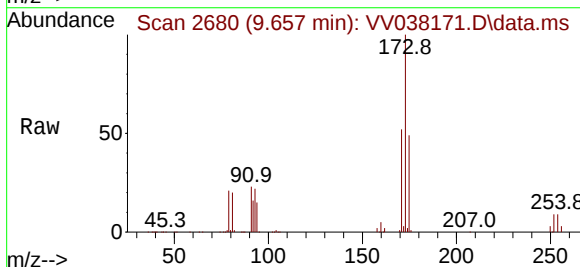
Instrument :
MSVOA_V
ClientSampleId :

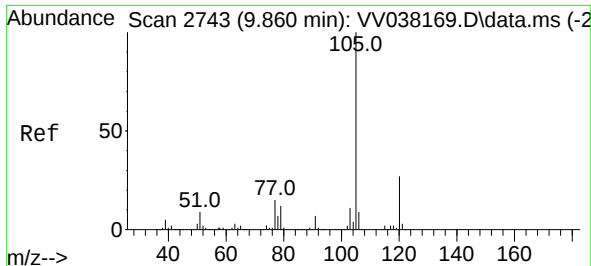
Tgt Ion: 83 Resp: 417113
Ion Ratio Lower Upper
83 100
85 64.8 45.7 84.9
131 10.6 8.2 12.4



#59
Bromoform
Concen: 22.455 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV038171.D
Acq: 19 Nov 2024 10:53

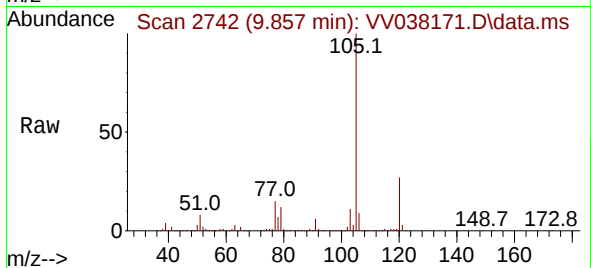
Tgt Ion:173 Resp: 227532
Ion Ratio Lower Upper
173 100
175 48.3 38.5 57.7
254 9.1 6.9 10.3



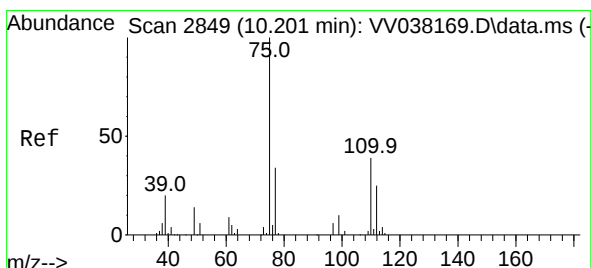
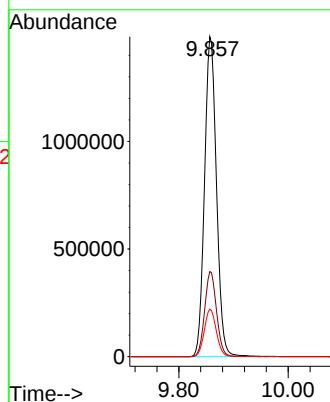
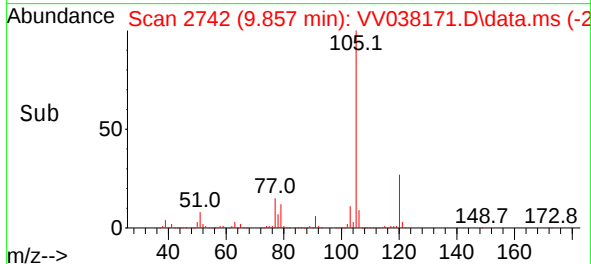


#60
Isopropylbenzene
Concen: 22.455 ug/L
RT: 9.857 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038171.D
Acq: 19 Nov 2024 10:53

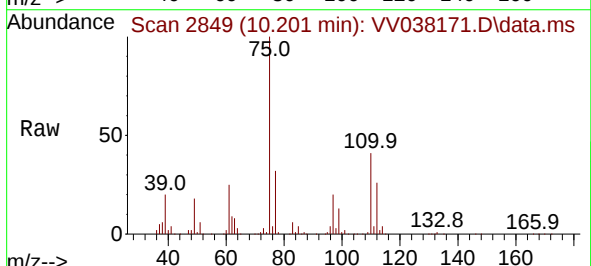
Instrument :
MSVOA_V
ClientSampleId :



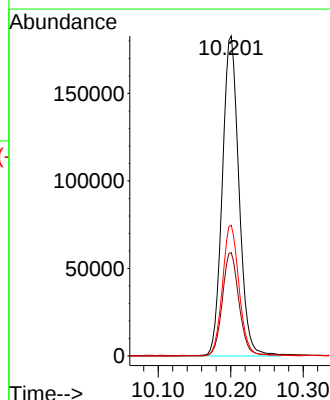
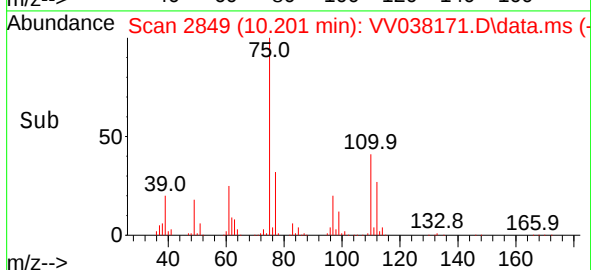
Tgt Ion:105 Resp: 2251905
Ion Ratio Lower Upper
105 100
120 26.5 20.8 31.2
77 15.0 12.2 18.2

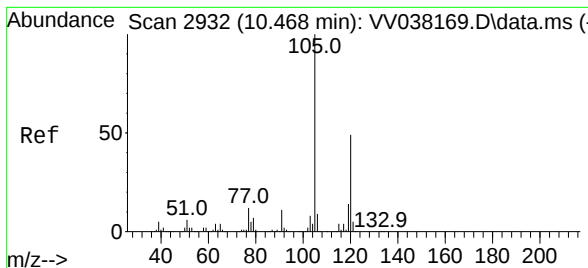


#61
1,2,3-Trichloropropane
Concen: 19.564 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV038171.D
Acq: 19 Nov 2024 10:53



Tgt Ion: 75 Resp: 291641
Ion Ratio Lower Upper
75 100
77 32.2 26.4 39.6
110 40.8 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 23.586 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_V

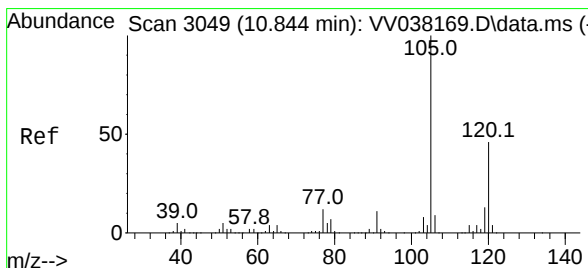
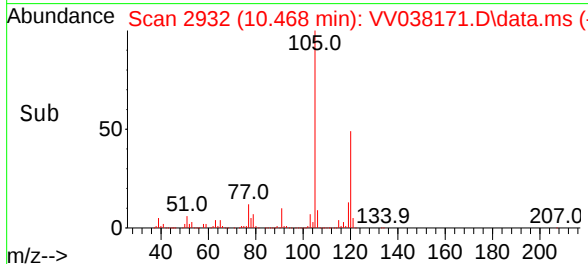
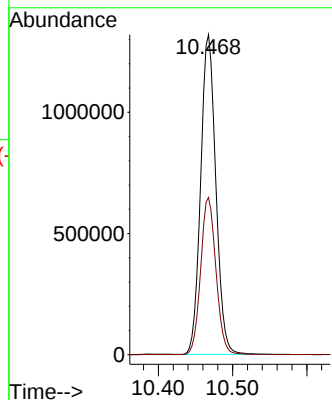
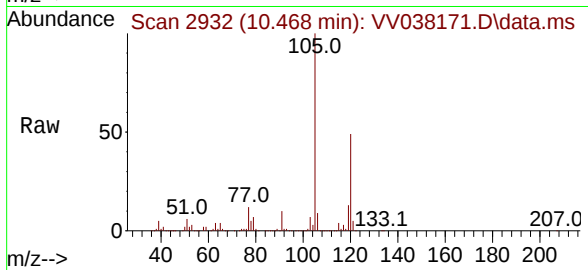
ClientSampleId :

Tgt Ion:105 Resp: 1876915

Ion Ratio Lower Upper

105 100

120 49.4 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 23.957 ug/L

RT: 10.841 min Scan# 3048

Delta R.T. -0.003 min

Lab File: VV038171.D

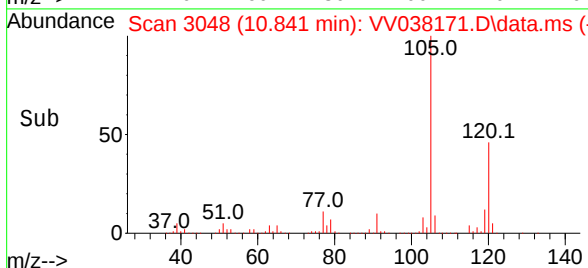
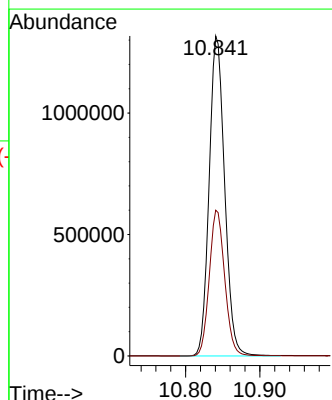
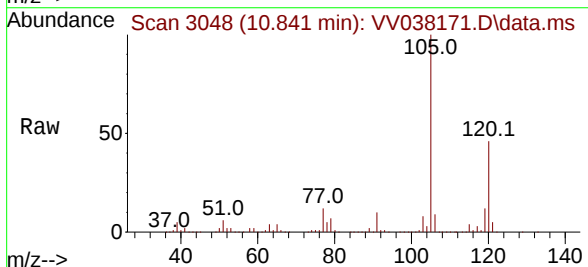
Acq: 19 Nov 2024 10:53

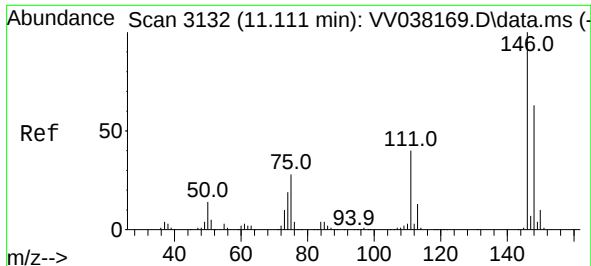
Tgt Ion:105 Resp: 1901061

Ion Ratio Lower Upper

105 100

120 45.5 37.0 55.4

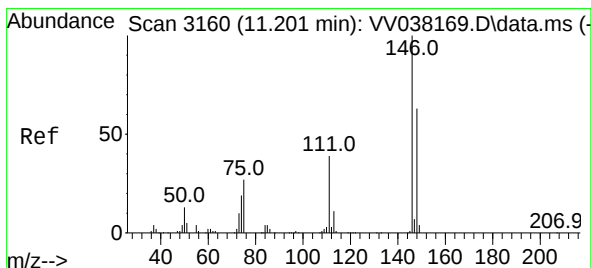
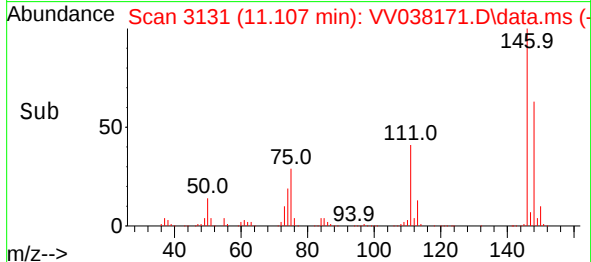
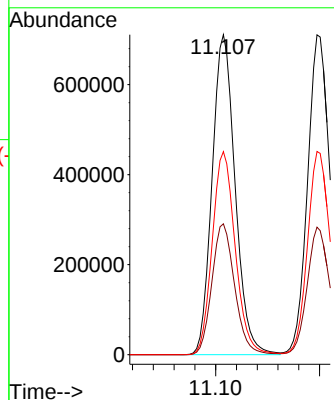
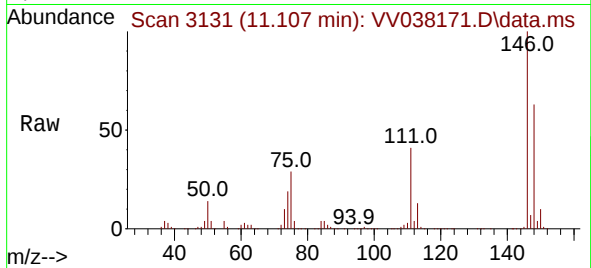




#64
1,3-Dichlorobenzene
Concen: 20.300 ug/L
RT: 11.107 min Scan# 3131
Delta R.T. -0.003 min
Lab File: VV038171.D
Acq: 19 Nov 2024 10:53

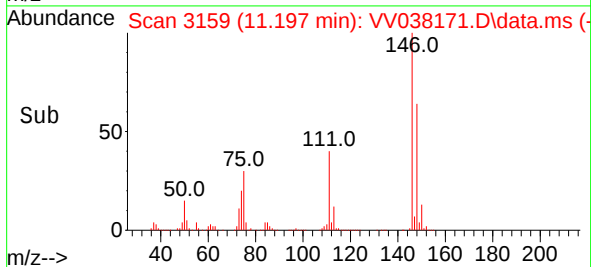
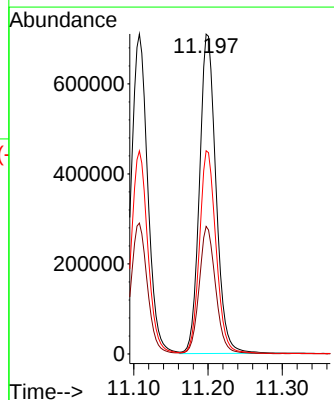
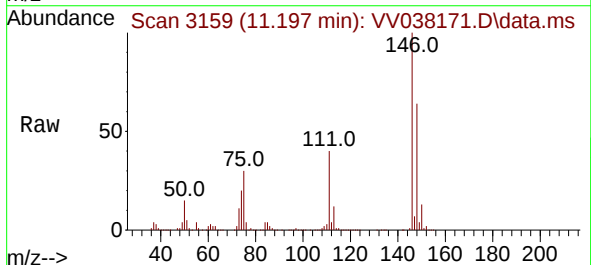
Instrument :
MSVOA_V
ClientSampleId :

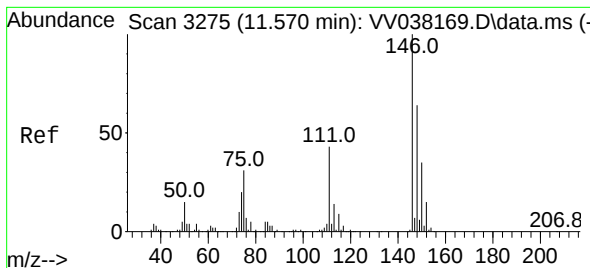
Tgt Ion:146 Resp: 1093057
Ion Ratio Lower Upper
146 100
111 40.9 28.2 52.4
148 63.5 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 20.198 ug/L
RT: 11.197 min Scan# 3159
Delta R.T. -0.003 min
Lab File: VV038171.D
Acq: 19 Nov 2024 10:53

Tgt Ion:146 Resp: 1099504
Ion Ratio Lower Upper
146 100
111 39.9 27.4 50.8
148 63.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 20.178 ug/L

RT: 11.567 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_V

ClientSampleId :

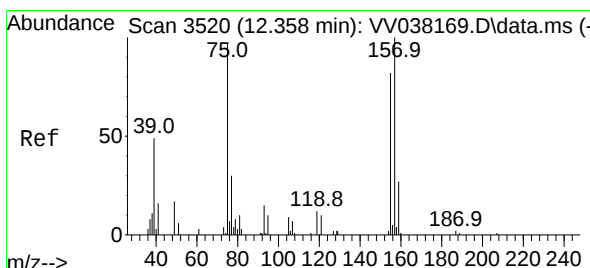
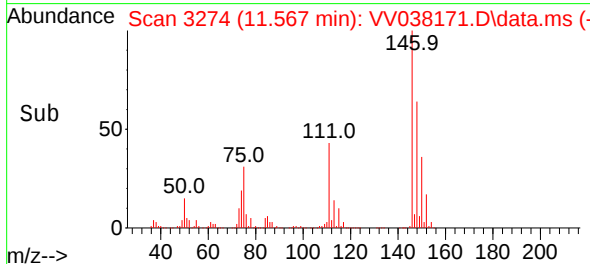
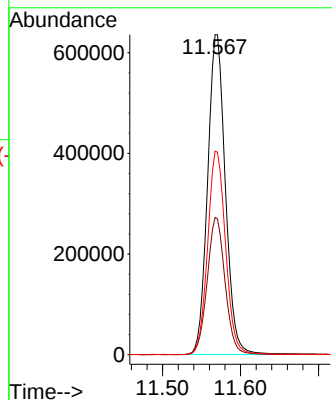
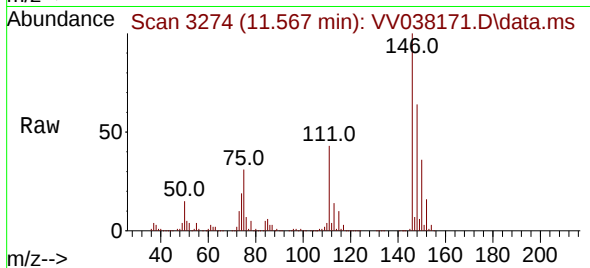
Tgt Ion:146 Resp: 1005626

Ion Ratio Lower Upper

146 100

111 42.9 34.2 51.2

148 63.6 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 20.975 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. -0.003 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

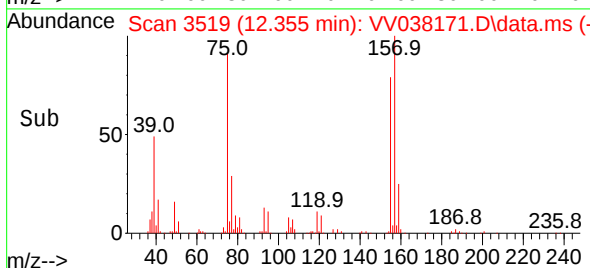
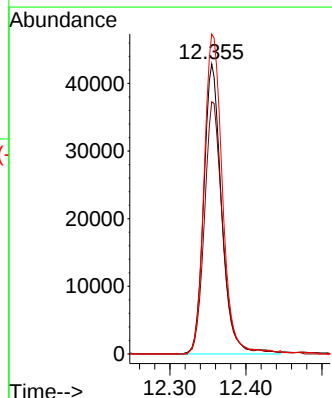
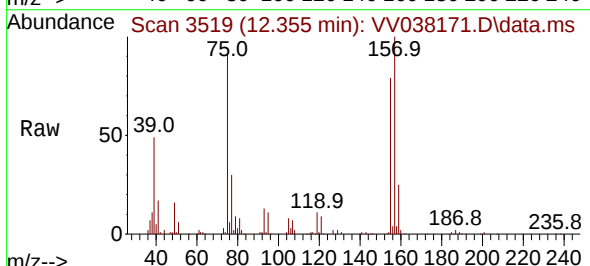
Tgt Ion: 75 Resp: 70183

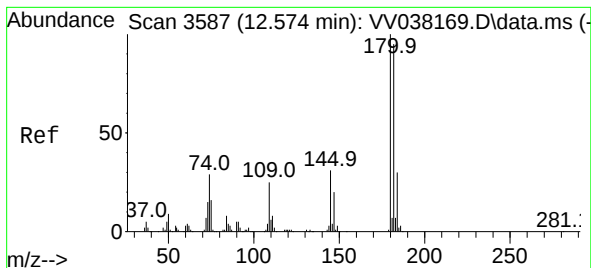
Ion Ratio Lower Upper

75 100

155 86.9 67.5 101.3

157 110.3 82.7 124.1





#69

1,3,5-Trichlorobenzene

Concen: 20.699 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

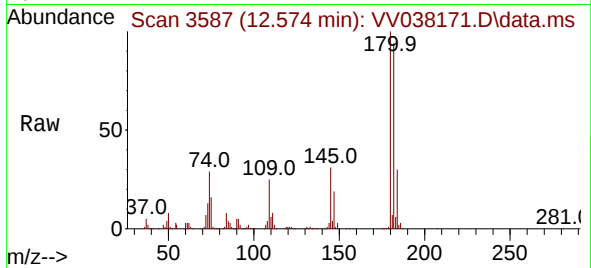
Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 789527

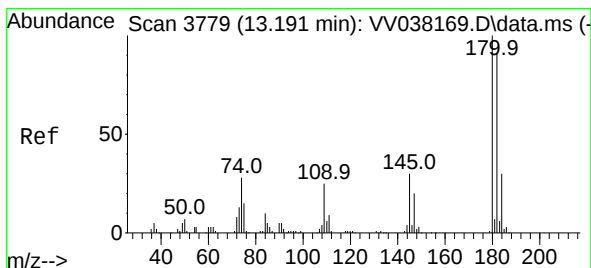
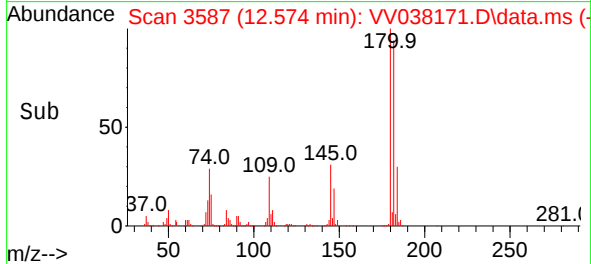
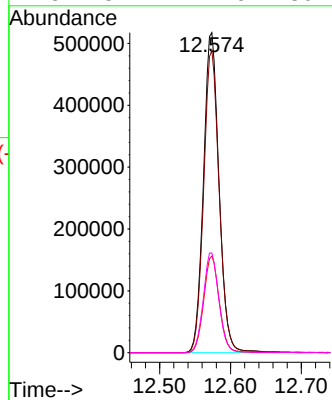
Ion Ratio Lower Upper

180 100

182 94.3 76.0 114.0

184 30.2 23.7 35.5

145 31.2 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 22.579 ug/L

RT: 13.188 min Scan# 3778

Delta R.T. -0.003 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

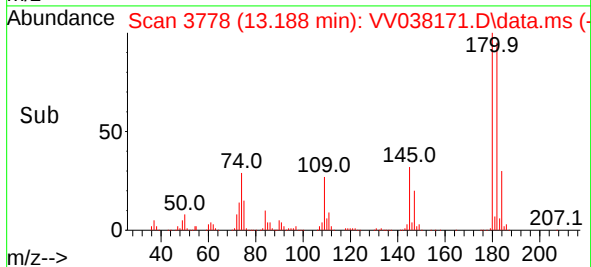
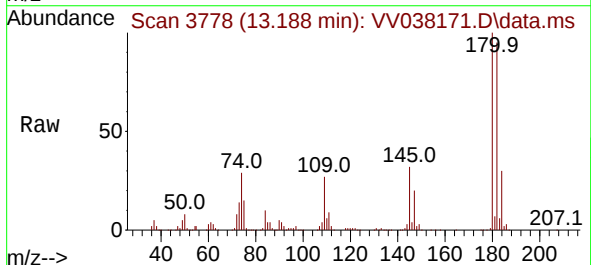
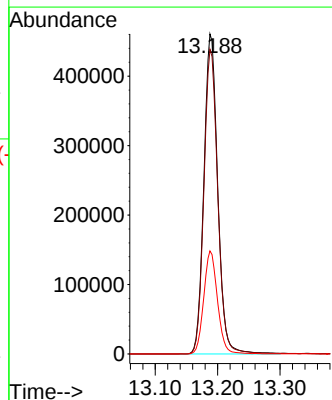
Tgt Ion:180 Resp: 711902

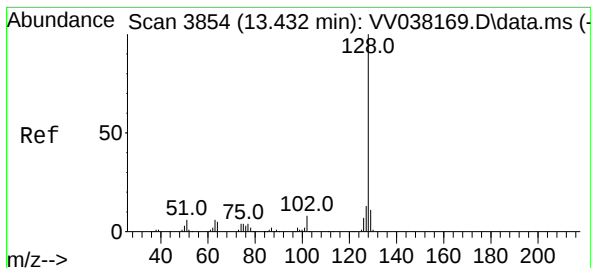
Ion Ratio Lower Upper

180 100

182 95.2 73.8 110.8

145 32.0 24.6 37.0





#71

Naphthalene

Concen: 24.164 ug/L

RT: 13.429 min Scan# 3853

Delta R.T. -0.003 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_V

ClientSampleId :

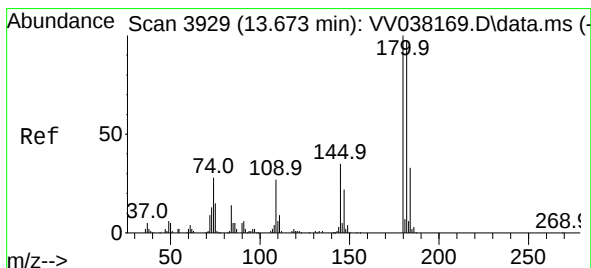
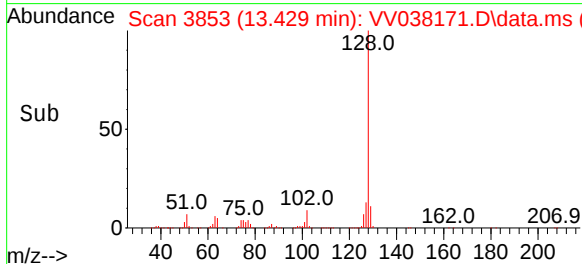
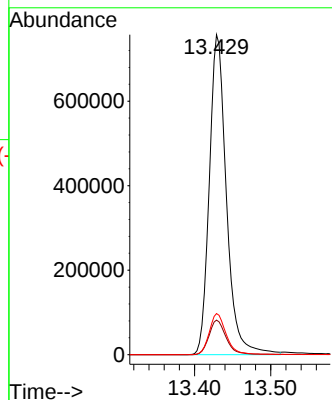
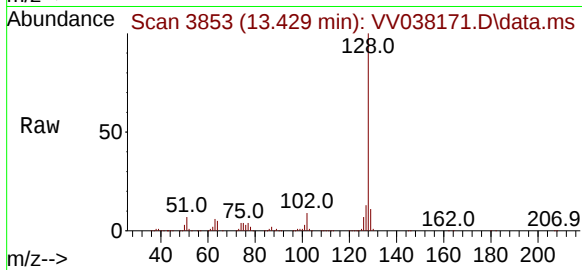
Tgt Ion:128 Resp: 1185249

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

127 12.8 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 22.328 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.003 min

Lab File: VV038171.D

Acq: 19 Nov 2024 10:53

Tgt Ion:180 Resp: 650502

Ion Ratio Lower Upper

180 100

182 94.5 75.1 112.7

145 33.5 27.0 40.4

