

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW011725\
 Data File : VW038450.D
 Acq On : 17 Jan 2025 12:30
 Operator : SY/MD
 Sample : VSTD02027
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 18 00:20:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 18 00:13:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	254700	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	256162	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	140444	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	412870	20.829	ug/L	0.00
7) Chloroethane-d5	1.529	69	337377	20.939	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	182141	21.449	ug/L	0.00
20) 2-Butanone-d5	3.802	46	1112491	278.794	ug/L	0.00
24) Chloroform-d	4.233	84	789243	20.805	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.928	65	375823	21.904	ug/L	0.00
32) Benzene-d6	4.947	84	1551295	23.211	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.976	67	475983	22.968	ug/L	0.00
41) Toluene-d8	7.233	98	1433942	23.230	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.542	79	188470	24.572	ug/L	0.00
46) 2-Hexanone-d5	8.014	63	907305	304.948	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	387131	22.467	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.548	152	508293	21.176	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	535771	21.166	ug/L	100
3) Chloromethane	1.211	50	529153	23.644	ug/L	100
5) Vinyl chloride	1.278	62	565429	22.700	ug/L	99
6) Bromomethane	1.484	94	298198	28.578	ug/L	96
8) Chloroethane	1.545	64	325260	20.954	ug/L	99
9) Trichlorofluoromethane	1.709	101	694666	20.107	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	403253	20.366	ug/L	99
12) 1,1-Dichloroethene	2.063	96	393258	20.866	ug/L	99
13) Acetone	2.156	43	689738	233.616	ug/L	99
14) Carbon disulfide	2.233	76	1377751	22.390	ug/L	99
15) Methyl Acetate	2.381	43	184461	25.202	ug/L	96
16) Methylene chloride	2.439	84	439956	20.754	ug/L	98
17) Methyl tert-butyl Ether	2.696	73	997555	23.835	ug/L	99
18) trans-1,2-Dichloroethene	2.683	96	429502	21.886	ug/L	97
19) 1,1-Dichloroethane	3.101	63	804710	22.298	ug/L	100
21) 2-Butanone	3.880	43	1167378	270.547	ug/L	97
22) cis-1,2-Dichloroethene	3.799	96	471523	23.198	ug/L	98
23) Bromochloromethane	4.134	128	205433	20.914	ug/L	94
25) Chloroform	4.262	83	800213	21.168	ug/L	99
27) 1,2-Dichloroethane	5.027	62	487217	23.504	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	689406	22.002	ug/L	97
30) Cyclohexane	4.571	56	720237	26.606	ug/L	97
31) Carbon tetrachloride	4.722	117	600363	21.570	ug/L	99
33) Benzene	4.998	78	1754911	23.705	ug/L	100
34) Trichloroethene	5.822	95	451981	22.498	ug/L	95
35) Methylcyclohexane	6.040	83	746387	25.486	ug/L	99
37) 1,2-Dichloropropane	6.082	63	461036	24.782	ug/L	98
38) Bromodichloromethane	6.420	83	570363	23.023	ug/L	99
39) cis-1,3-Dichloropropene	6.941	75	703140	26.877	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	2739989	281.237	ug/L	98
42) Toluene	7.304	91	1890743	24.130	ug/L	99
44) trans-1,3-Dichloropropene	7.571	75	590351	26.862	ug/L	98

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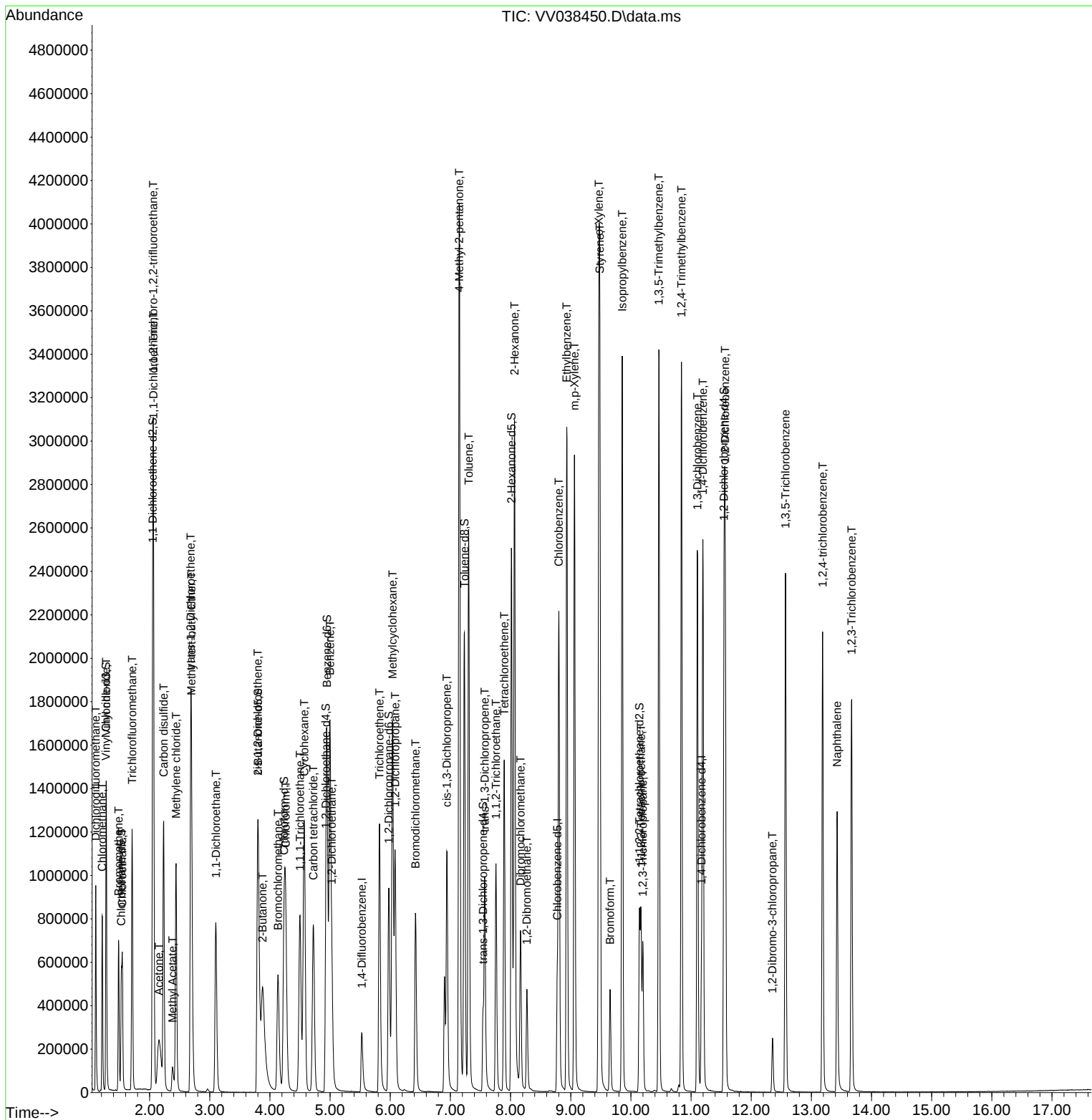
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 ClientSampleId :

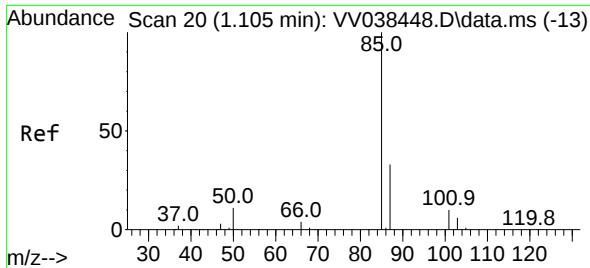
Quant Time: Jan 18 00:20:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 18 00:13:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.757	97	329610	22.342	ug/L	98
47) Tetrachloroethene	7.895	164	333226	20.747	ug/L	98
48) 2-Hexanone	8.066	43	2000250	279.799	ug/L	96
49) Dibromochloromethane	8.166	129	377239	23.129	ug/L	97
50) 1,2-Dibromoethane	8.272	107	313296	22.868	ug/L	99
51) Chlorobenzene	8.802	112	1201319	22.467	ug/L	99
52) Ethylbenzene	8.934	91	2116402	25.334	ug/L	99
53) m,p-Xylene	9.063	106	814776	25.992	ug/L	94
54) o-Xylene	9.468	106	795177	25.991	ug/L	97
55) Styrene	9.484	104	1382020	25.855	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	408088	23.664	ug/L	98
59) Bromoform	9.654	173	206909	24.338	ug/L	97
60) Isopropylbenzene	9.857	105	2120751	25.218	ug/L	99
61) 1,2,3-Trichloropropane	10.198	75	280673	23.002	ug/L	98
62) 1,3,5-Trimethylbenzene	10.464	105	1756267	26.384	ug/L	99
63) 1,2,4-Trimethylbenzene	10.841	105	1766479	26.466	ug/L	100
64) 1,3-Dichlorobenzene	11.108	146	976275	21.960	ug/L	99
65) 1,4-Dichlorobenzene	11.198	146	994202	22.100	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	920378	22.442	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	65708	23.932	ug/L	86
69) 1,3,5-Trichlorobenzene	12.571	180	694077	22.044	ug/L	98
70) 1,2,4-trichlorobenzene	13.188	180	606779	23.958	ug/L	98
71) Naphthalene	13.429	128	1022122	26.279	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	525750	22.655	ug/L	99

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

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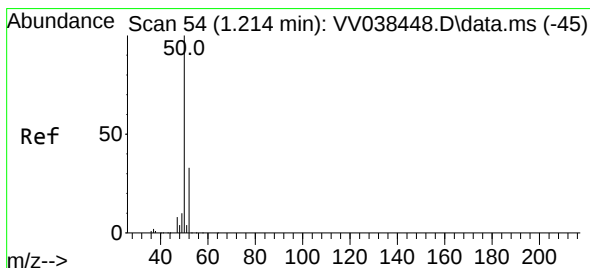
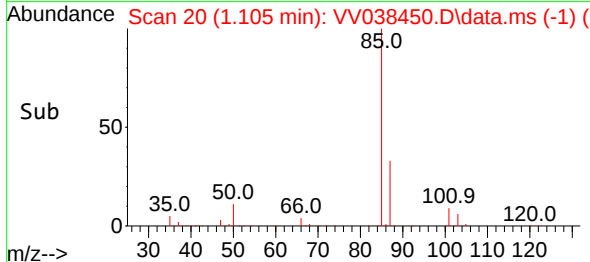
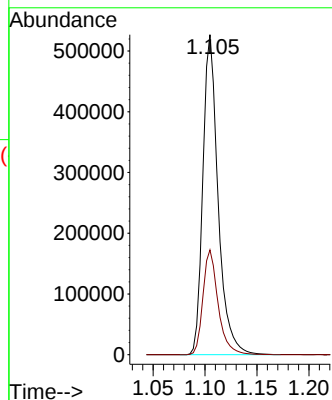
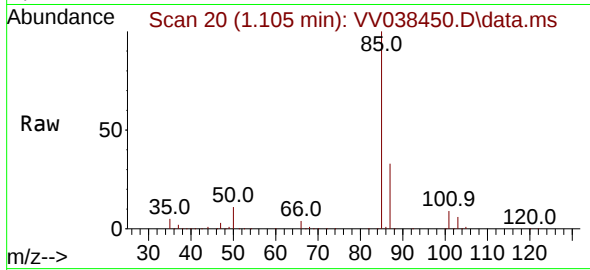




#2
 Dichlorodifluoromethane
 Concen: 21.166 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038450.D
 Acq: 17 Jan 2025 12:30

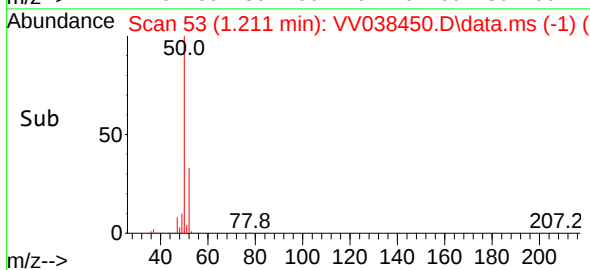
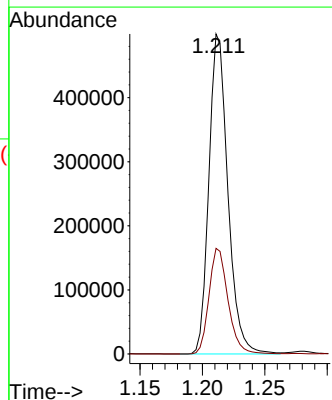
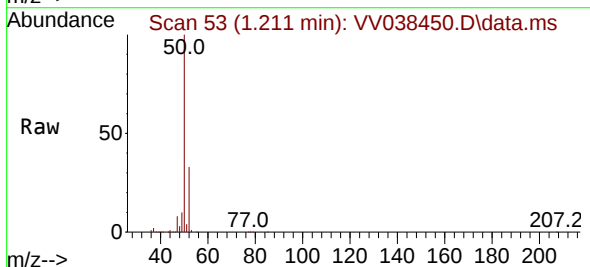
Instrument :
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 ClientSampleId :

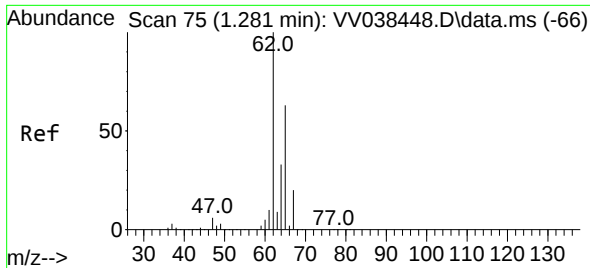
Tgt Ion: 85 Resp: 535771
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.0 39.0



#3
 Chloromethane
 Concen: 23.644 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.003 min
 Lab File: VV038450.D
 Acq: 17 Jan 2025 12:30

Tgt Ion: 50 Resp: 529153
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.0 42.6



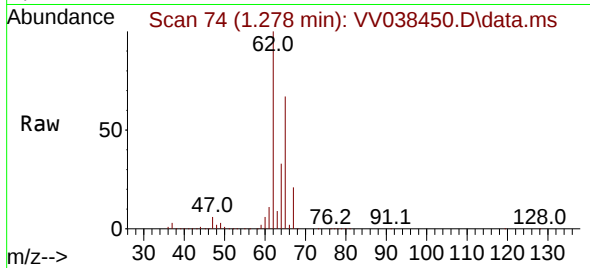


#5
 Vinyl chloride
 Concen: 22.700 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV038450.D
 Acq: 17 Jan 2025 12:30

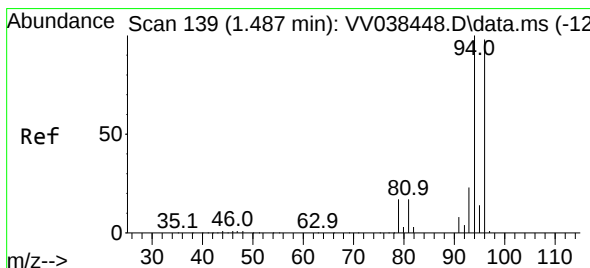
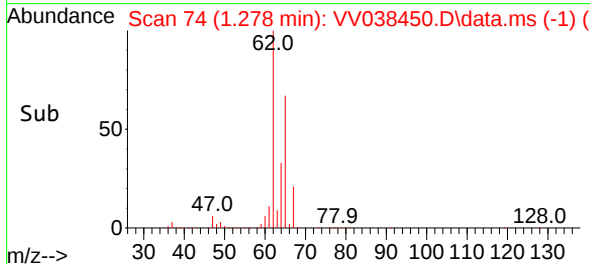
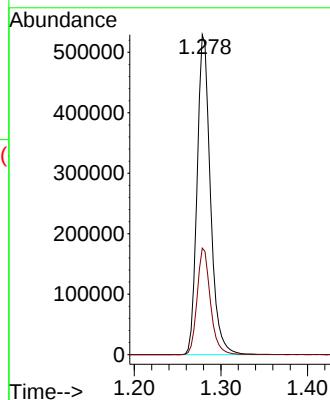
Instrument :

MSVOA_V

ClientSampleId :

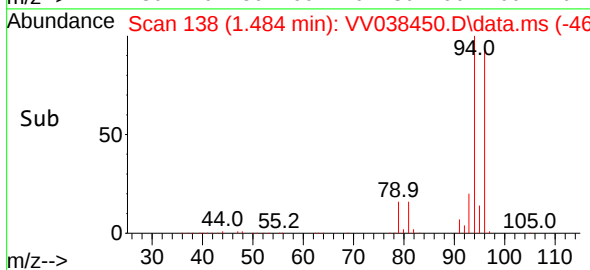
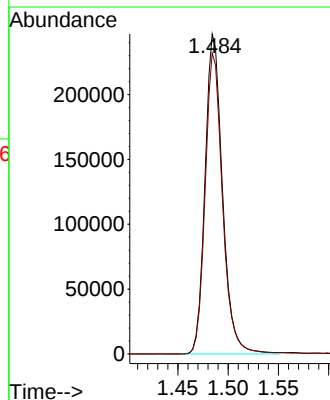
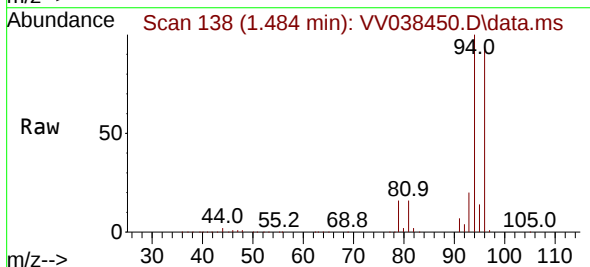


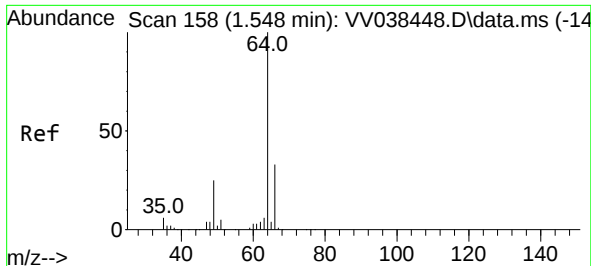
Tgt Ion: 62 Resp: 565429
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.5 43.7



#6
 Bromomethane
 Concen: 28.578 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV038450.D
 Acq: 17 Jan 2025 12:30

Tgt Ion: 94 Resp: 298198
 Ion Ratio Lower Upper
 94 100
 96 94.0 68.9 127.9

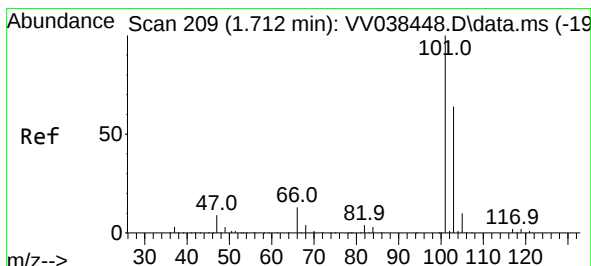
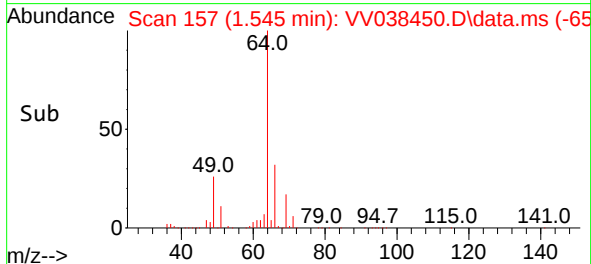
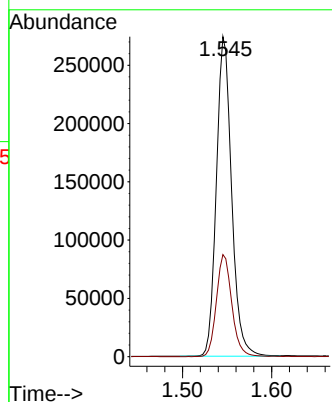
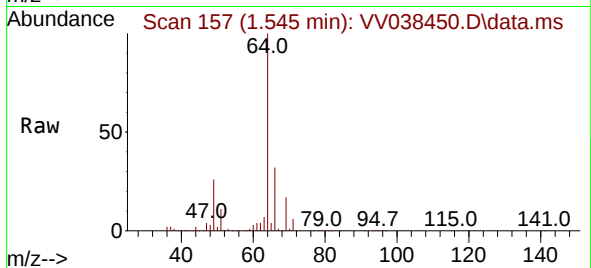




#8
Chloroethane
Concen: 20.954 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30

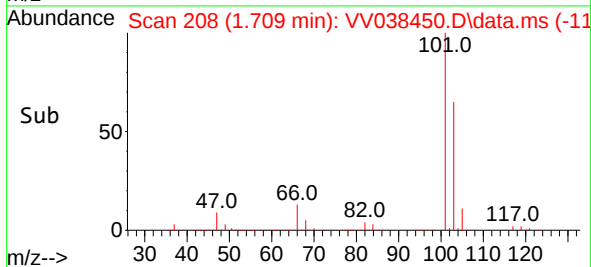
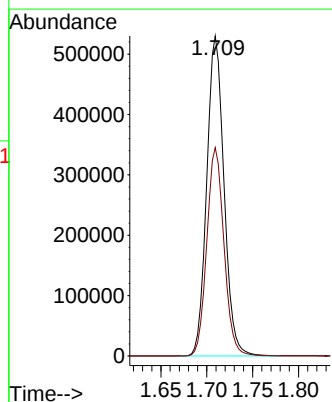
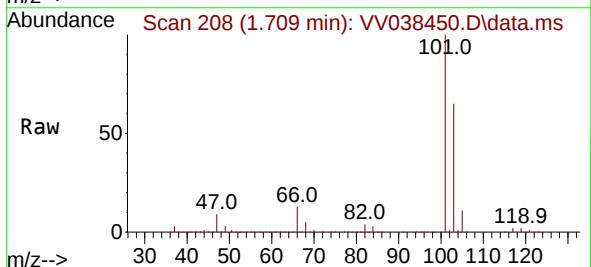
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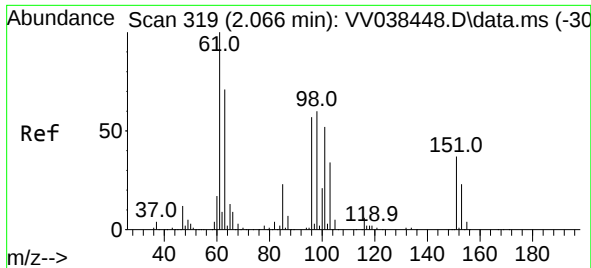
Tgt Ion: 64 Resp: 325260
Ion Ratio Lower Upper
64 100
66 31.9 22.7 42.1



#9
Trichlorofluoromethane
Concen: 20.107 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30

Tgt Ion:101 Resp: 694666
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

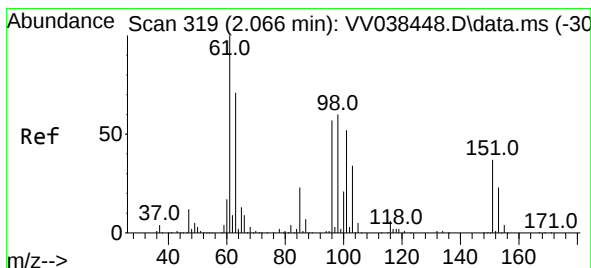
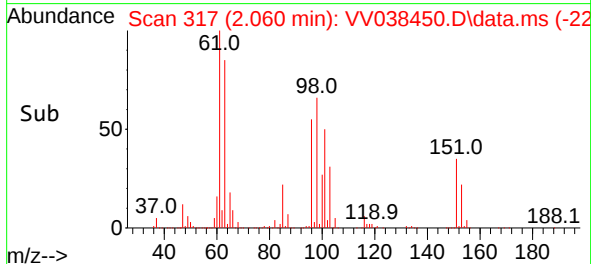
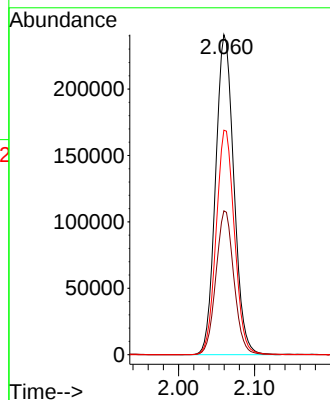
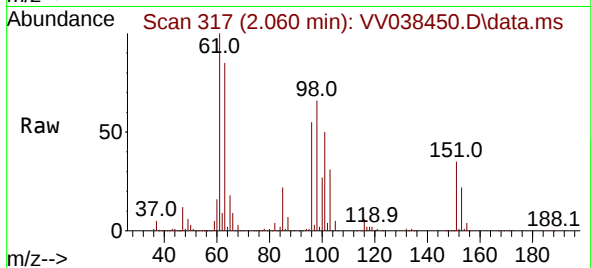




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.366 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.006 min
 Lab File: VV038450.D
 Acq: 17 Jan 2025 12:30

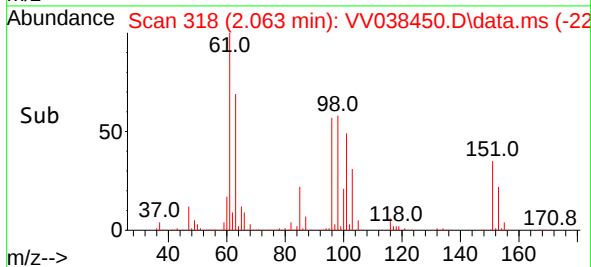
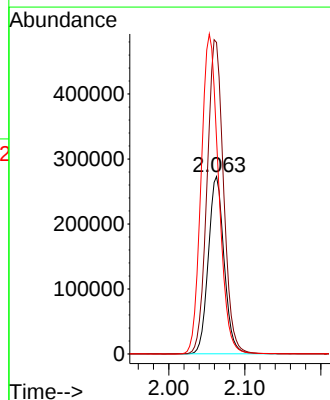
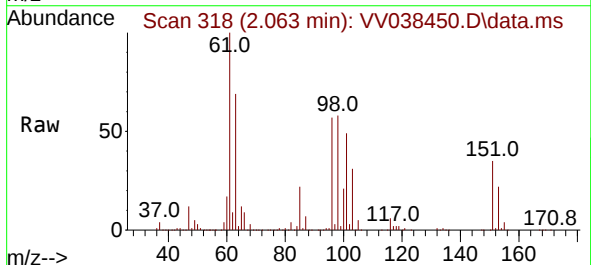
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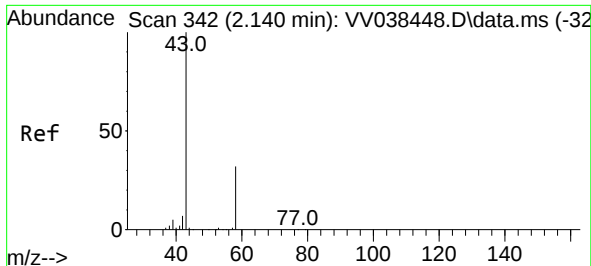
Tgt Ion:101 Resp: 403253
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.2 52.8
 151 70.2 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 20.866 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV038450.D
 Acq: 17 Jan 2025 12:30

Tgt Ion: 96 Resp: 393258
 Ion Ratio Lower Upper
 96 100
 61 175.6 122.2 227.0
 63 121.4 86.2 160.0





#13

Acetone

Concen: 233.616 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.016 min

Lab File: VV038450.D

Acq: 17 Jan 2025 12:30

Instrument :

MSVOA_V

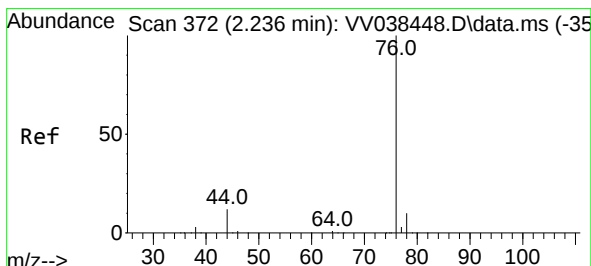
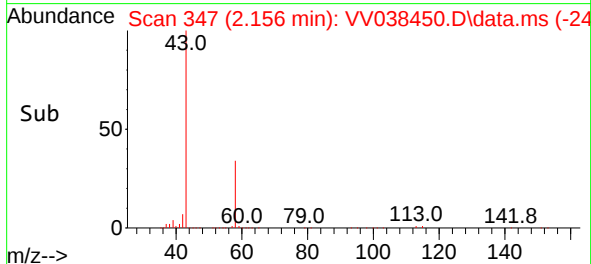
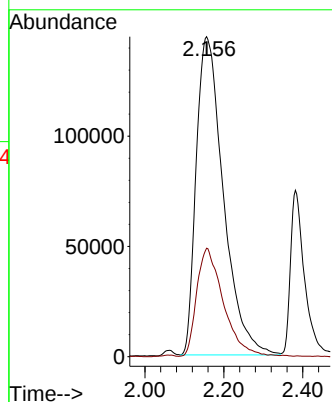
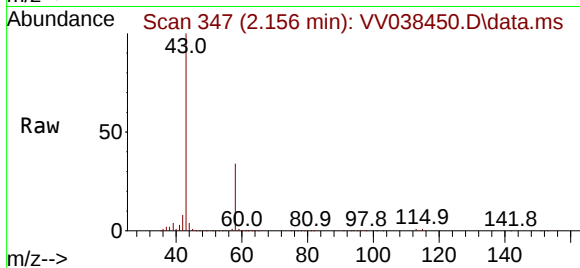
ClientSampleId :

Tgt Ion: 43 Resp: 689738

Ion Ratio Lower Upper

43 100

58 33.1 0.0 67.2



#14

Carbon disulfide

Concen: 22.390 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV038450.D

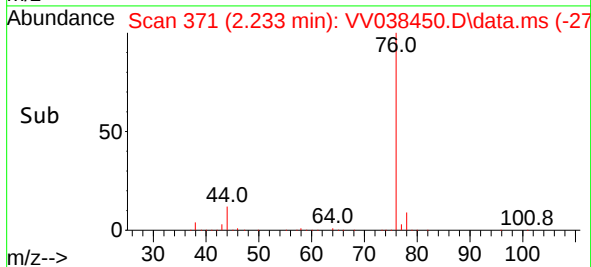
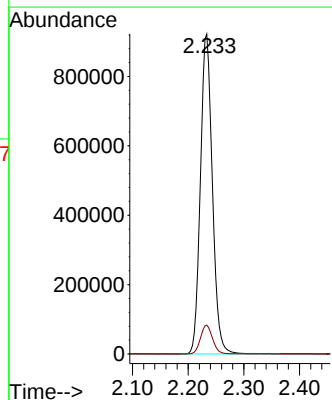
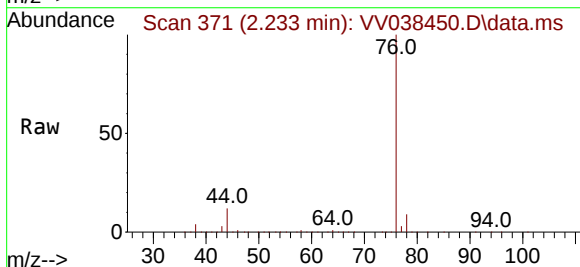
Acq: 17 Jan 2025 12:30

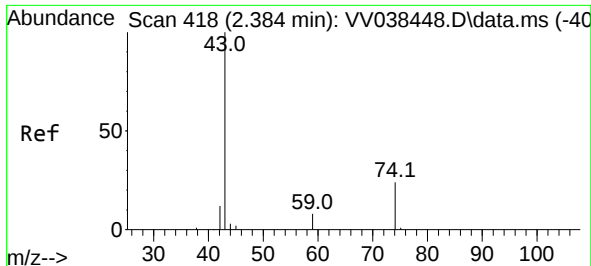
Tgt Ion: 76 Resp: 1377751

Ion Ratio Lower Upper

76 100

78 9.0 7.6 11.4

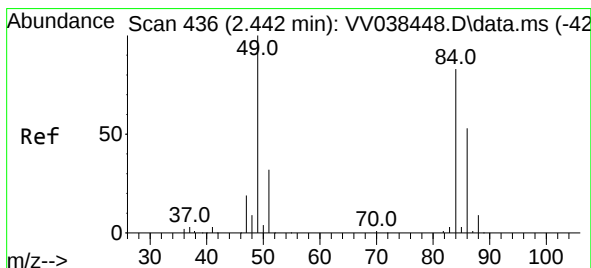
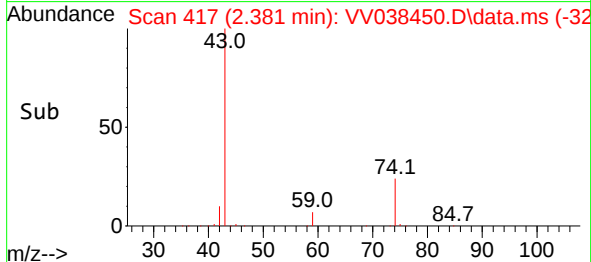
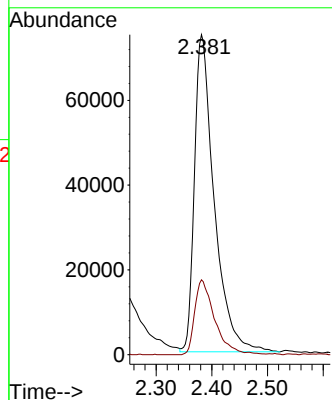
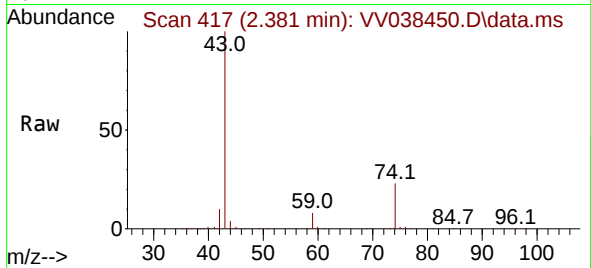




#15
Methyl Acetate
Concen: 25.202 ug/L
RT: 2.381 min Scan# 418
Delta R.T. -0.003 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30

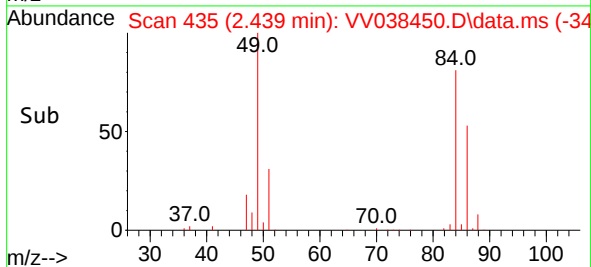
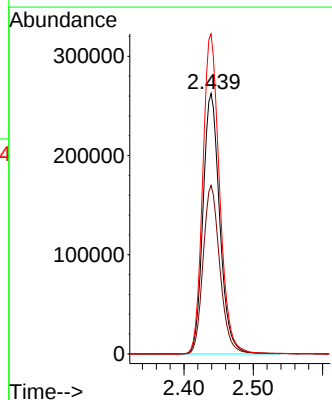
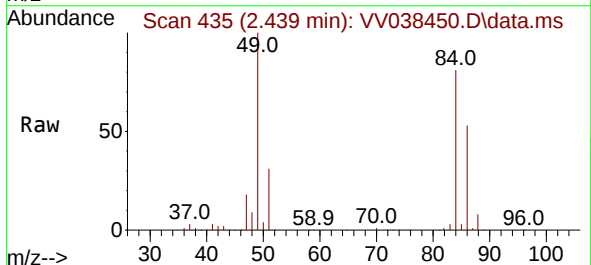
Instrument :
MSVOA_V
ClientSampleId :

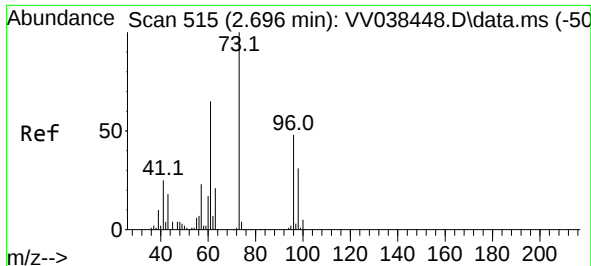
Tgt Ion: 43 Resp: 184461
Ion Ratio Lower Upper
43 100
74 23.5 20.4 30.6



#16
Methylene chloride
Concen: 20.754 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30

Tgt Ion: 84 Resp: 439956
Ion Ratio Lower Upper
84 100
86 64.6 44.7 82.9
49 122.8 84.1 156.1





#17

Methyl tert-butyl Ether

Concen: 23.835 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.000 min

Lab File: VV038450.D

Acq: 17 Jan 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

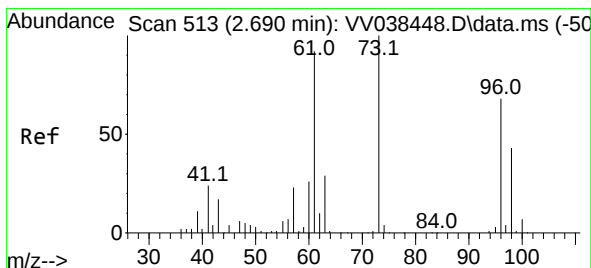
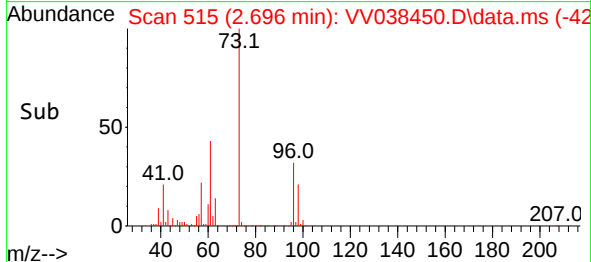
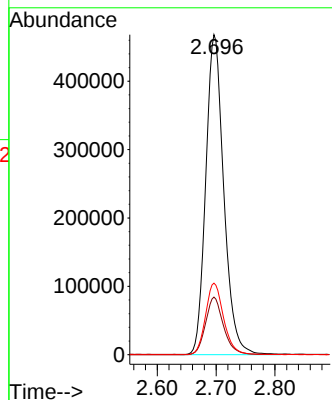
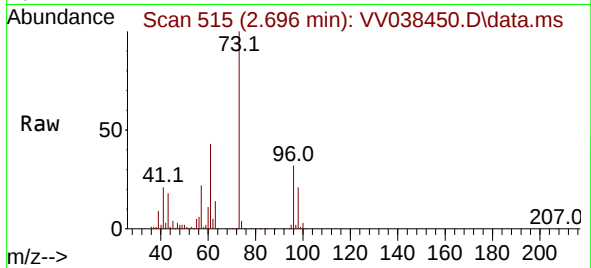
Tgt Ion: 73 Resp: 997555

Ion Ratio Lower Upper

73 100

43 17.6 14.6 21.8

57 22.5 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 21.886 ug/L

RT: 2.683 min Scan# 511

Delta R.T. -0.006 min

Lab File: VV038450.D

Acq: 17 Jan 2025 12:30

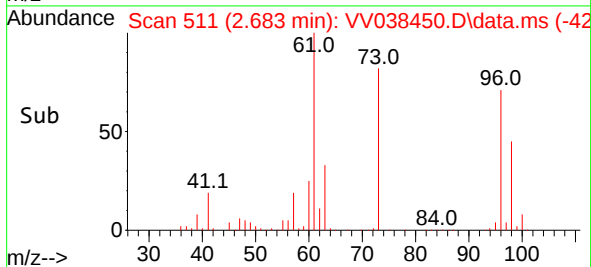
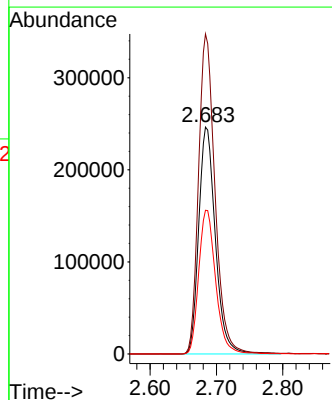
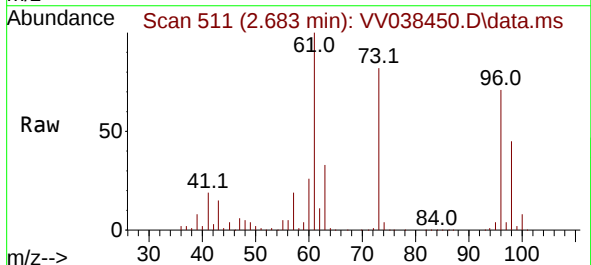
Tgt Ion: 96 Resp: 429502

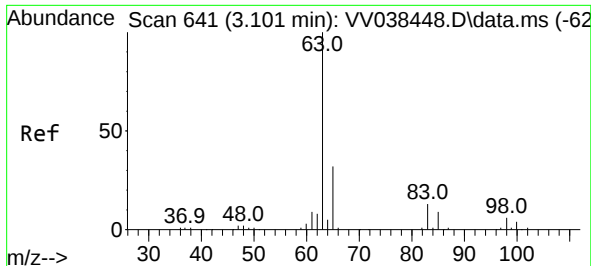
Ion Ratio Lower Upper

96 100

61 141.1 94.8 176.2

98 63.3 44.2 82.2

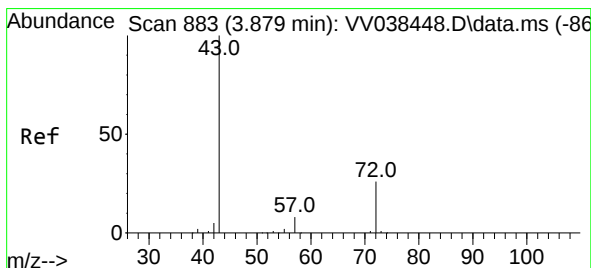
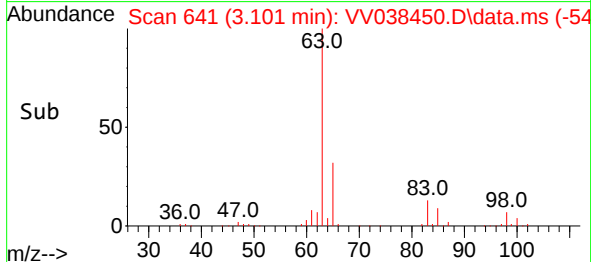
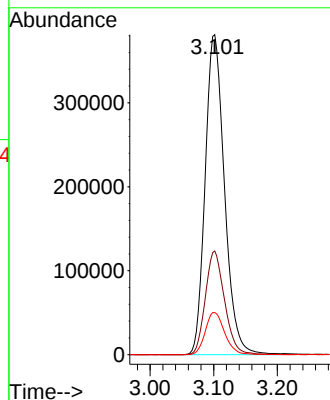
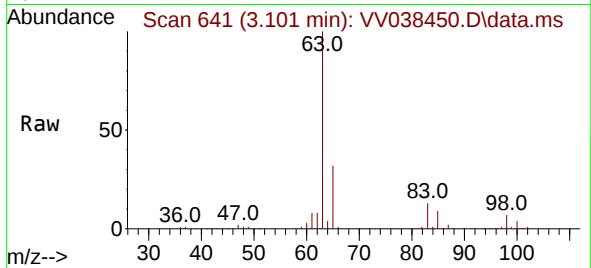




#19
1,1-Dichloroethane
Concen: 22.298 ug/L
RT: 3.101 min Scan# 641
Delta R.T. 0.000 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30

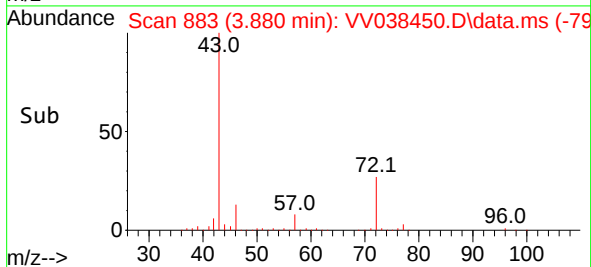
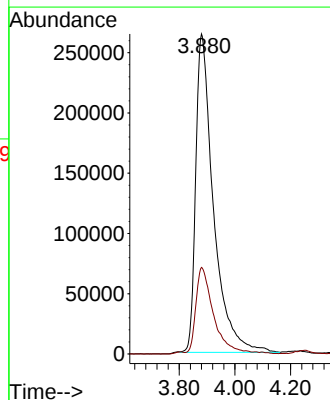
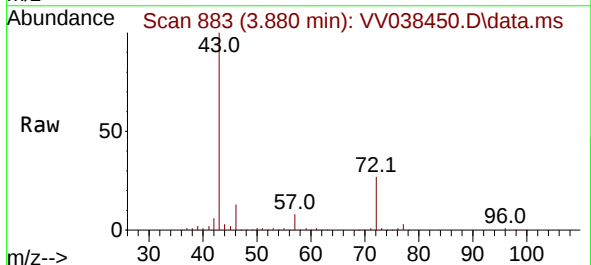
Instrument :
MSVOA_V
ClientSampleId :

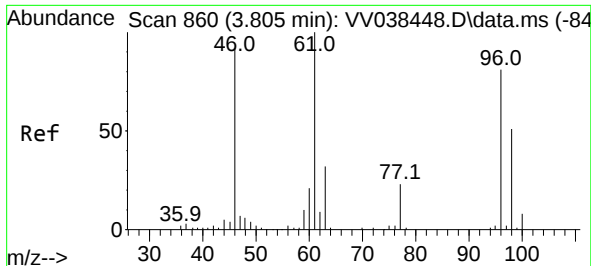
Tgt Ion: 63 Resp: 804710
Ion Ratio Lower Upper
63 100
65 32.4 22.5 41.9
83 13.2 9.4 17.6



#21
2-Butanone
Concen: 270.547 ug/L
RT: 3.880 min Scan# 883
Delta R.T. 0.000 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30

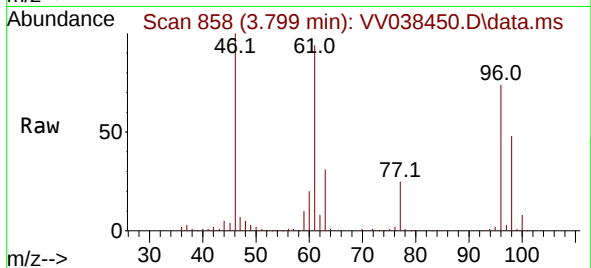
Tgt Ion: 43 Resp: 1167378
Ion Ratio Lower Upper
43 100
72 25.8 12.2 36.4





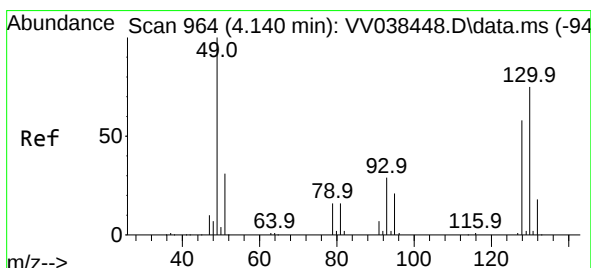
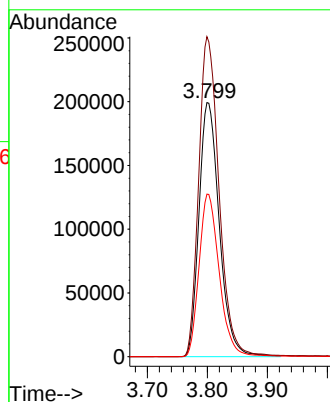
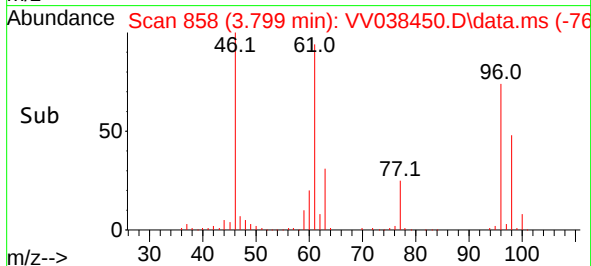
#22
 cis-1,2-Dichloroethene
 Concen: 23.198 ug/L
 RT: 3.799 min Scan# 858
 Delta R.T. -0.006 min
 Lab File: VV038450.D
 Acq: 17 Jan 2025 12:30

Instrument :
 MSVOA_V
 ClientSampleId :

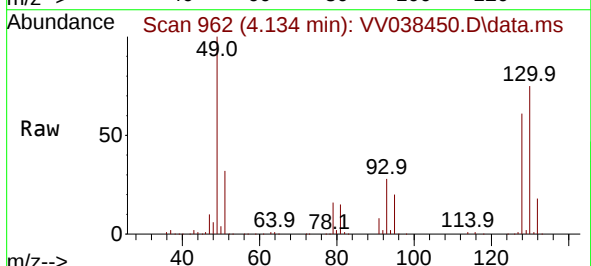


Tgt Ion: 96 Resp: 471523

Ion	Ratio	Lower	Upper
96	100		
61	125.9	86.5	160.7
98	64.0	43.8	81.3

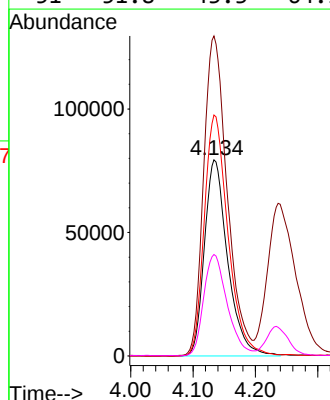
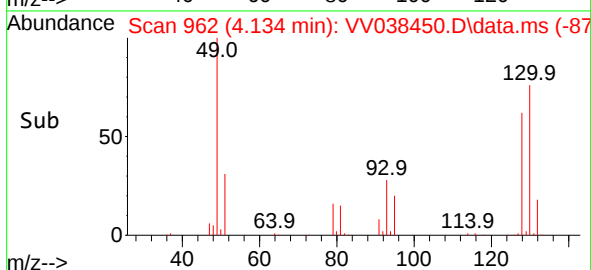


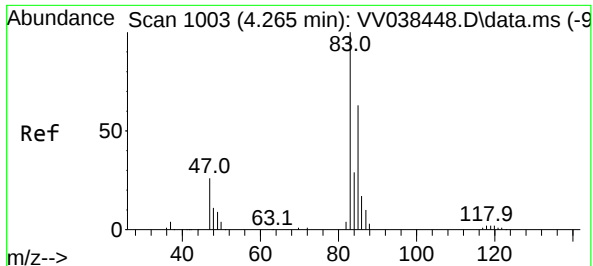
#23
 Bromochloromethane
 Concen: 20.914 ug/L
 RT: 4.134 min Scan# 962
 Delta R.T. -0.006 min
 Lab File: VV038450.D
 Acq: 17 Jan 2025 12:30



Tgt Ion: 128 Resp: 205433

Ion	Ratio	Lower	Upper
128	100		
49	163.2	121.0	224.8
130	122.8	90.1	167.3
51	51.8	43.3	64.9





#25

Chloroform

Concen: 21.168 ug/L

RT: 4.262 min Scan# 1003

Delta R.T. -0.003 min

Lab File: VV038450.D

Acq: 17 Jan 2025 12:30

Instrument :

MSVOA_V

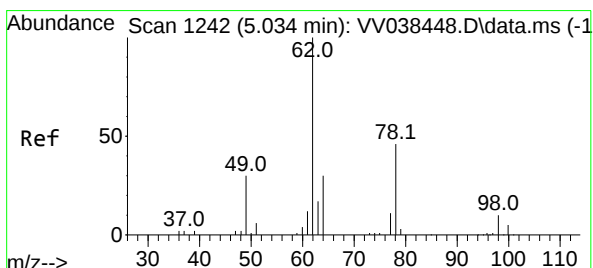
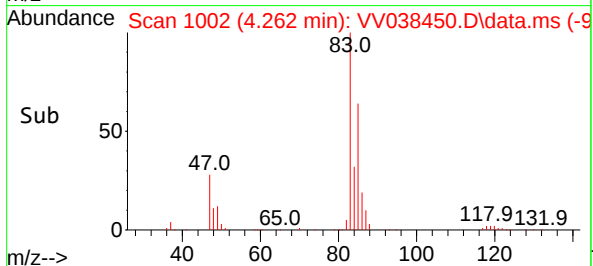
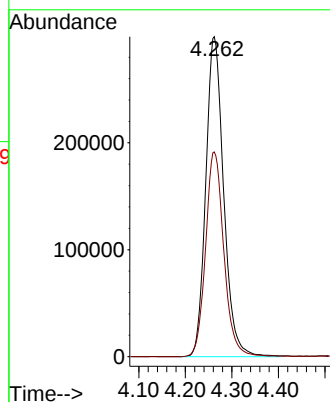
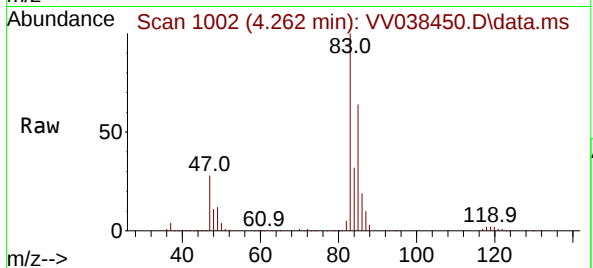
ClientSampleId :

Tgt Ion: 83 Resp: 800213

Ion Ratio Lower Upper

83 100

85 64.0 44.0 81.8



#27

1,2-Dichloroethane

Concen: 23.504 ug/L

RT: 5.027 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VV038450.D

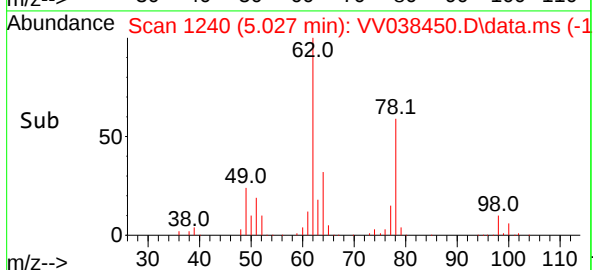
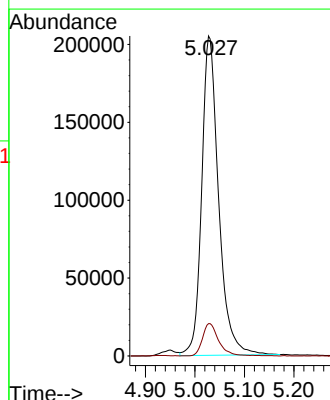
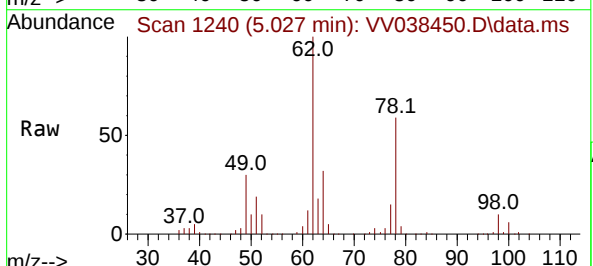
Acq: 17 Jan 2025 12:30

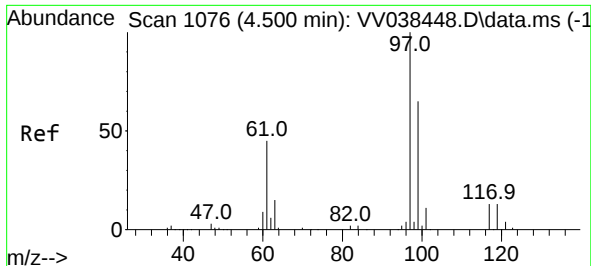
Tgt Ion: 62 Resp: 487217

Ion Ratio Lower Upper

62 100

98 10.1 7.8 11.6





#29

1,1,1-Trichloroethane

Concen: 22.002 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV038450.D

Acq: 17 Jan 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

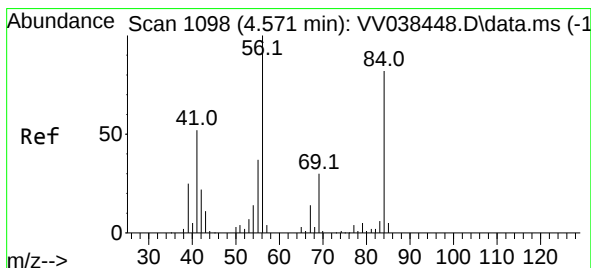
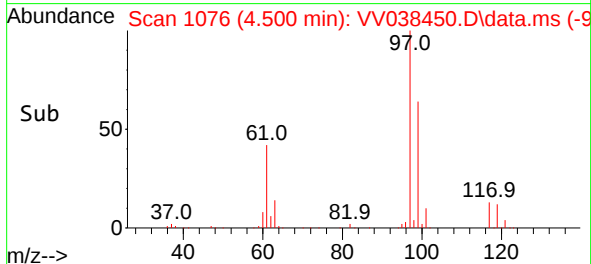
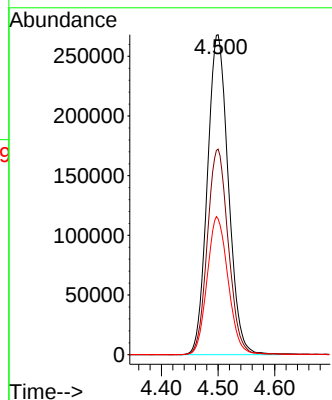
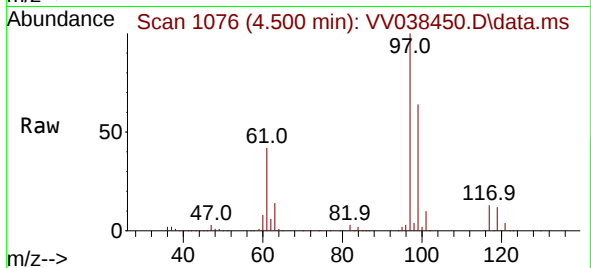
Tgt Ion: 97 Resp: 689406

Ion Ratio Lower Upper

97 100

99 64.2 52.9 79.3

61 43.2 36.4 54.6



#30

Cyclohexane

Concen: 26.606 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV038450.D

Acq: 17 Jan 2025 12:30

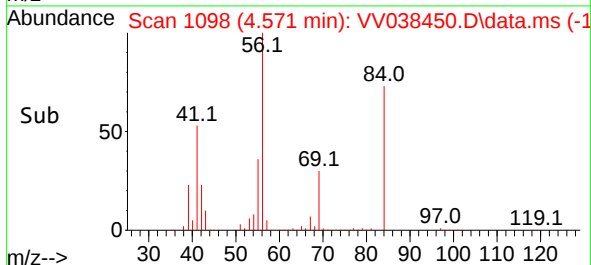
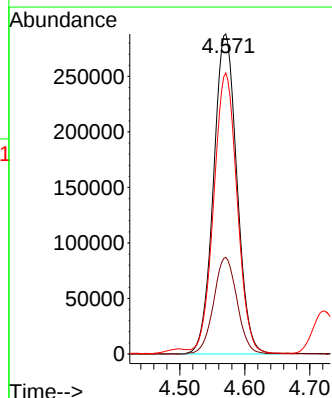
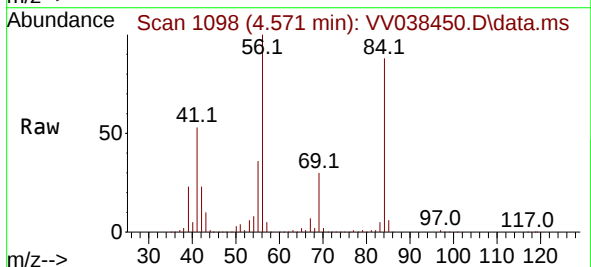
Tgt Ion: 56 Resp: 720237

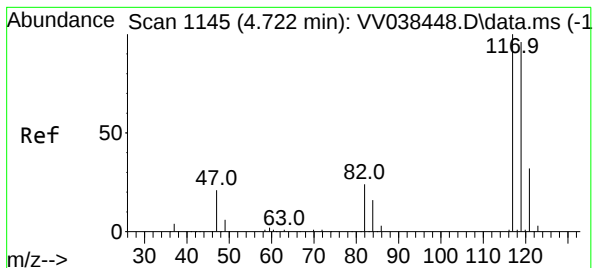
Ion Ratio Lower Upper

56 100

69 30.2 24.7 37.1

84 88.1 68.2 102.2





#31

Carbon tetrachloride

Concen: 21.570 ug/L

RT: 4.722 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VV038450.D

Acq: 17 Jan 2025 12:30

Instrument :

MSVOA_V

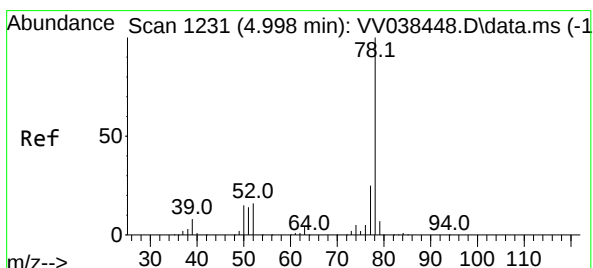
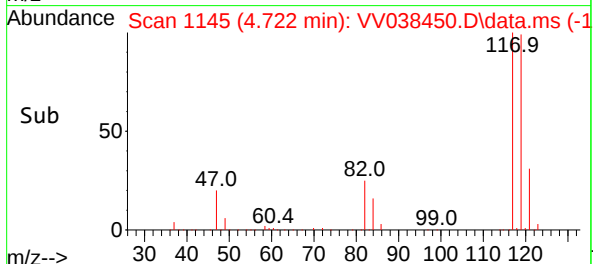
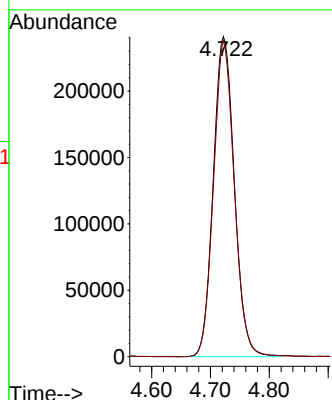
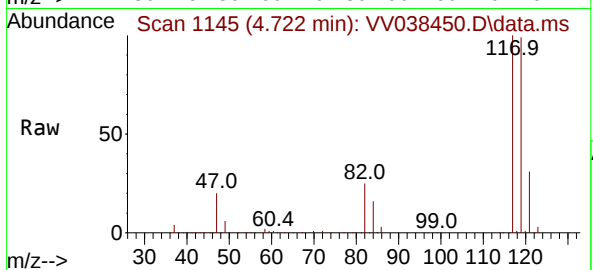
ClientSampleId :

Tgt Ion:117 Resp: 600363

Ion Ratio Lower Upper

117 100

119 97.2 76.6 115.0



#33

Benzene

Concen: 23.705 ug/L

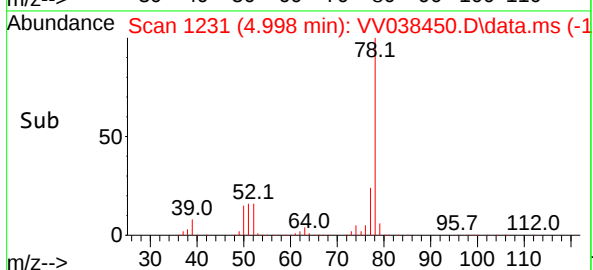
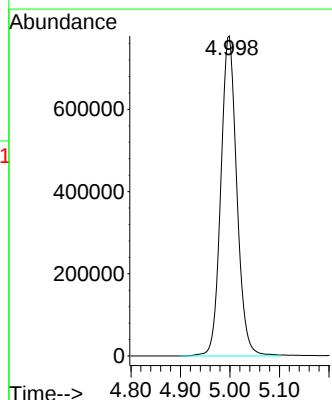
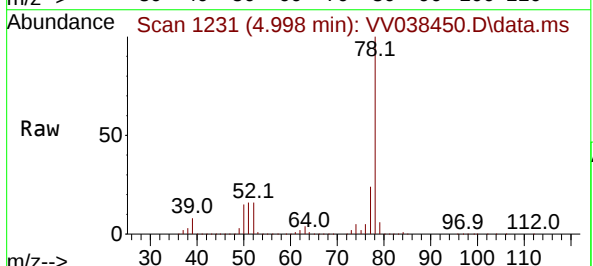
RT: 4.998 min Scan# 1231

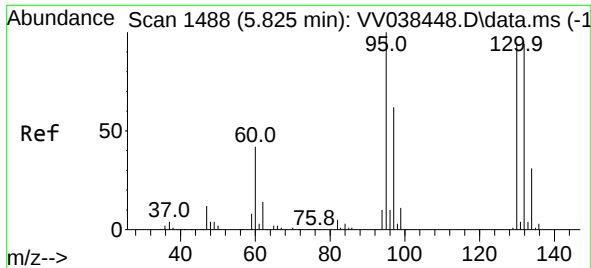
Delta R.T. 0.000 min

Lab File: VV038450.D

Acq: 17 Jan 2025 12:30

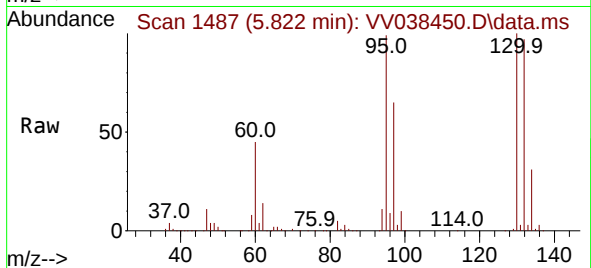
Tgt Ion: 78 Resp: 1754911



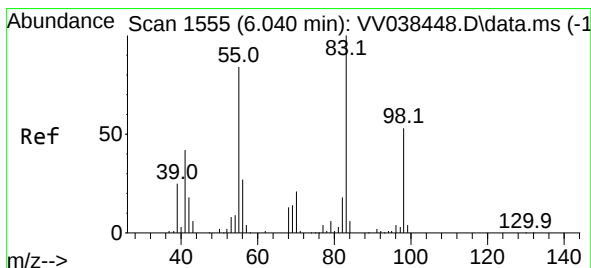
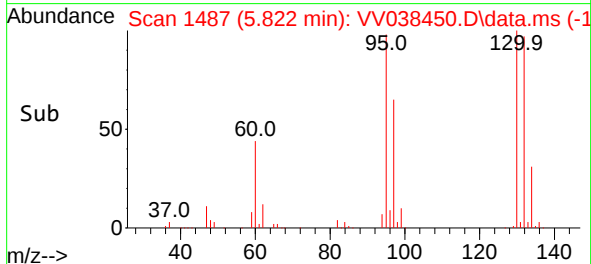
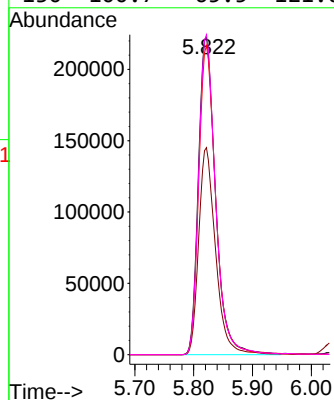


#34
Trichloroethene
Concen: 22.498 ug/L
RT: 5.822 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30

Instrument :
MSVOA_V
ClientSampleId :

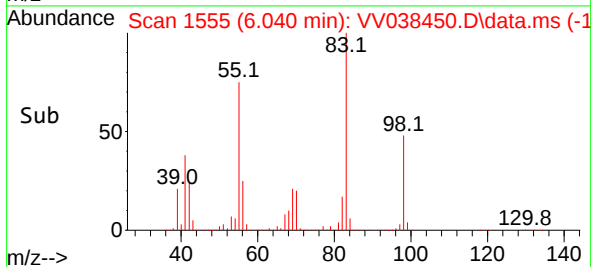
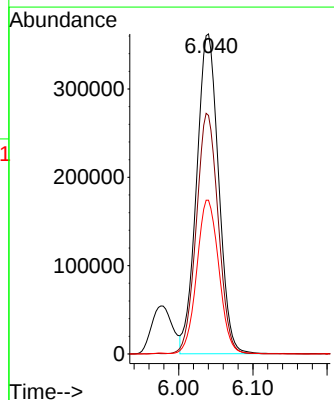
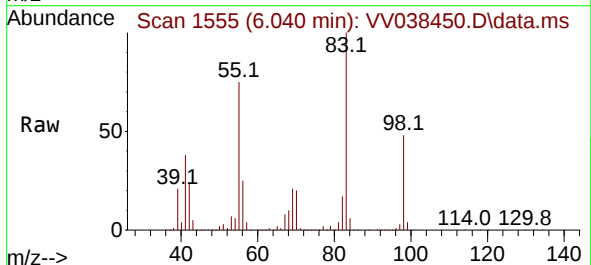


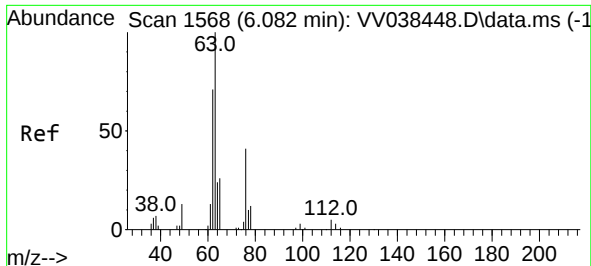
Tgt Ion: 95 Resp: 451981
Ion Ratio Lower Upper
95 100
97 65.1 43.4 80.6
132 97.3 65.5 121.6
130 100.7 65.5 121.6



#35
Methylcyclohexane
Concen: 25.486 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30

Tgt Ion: 83 Resp: 746387
Ion Ratio Lower Upper
83 100
55 74.6 59.4 89.0
98 48.4 37.8 56.8





#37

1,2-Dichloropropane

Concen: 24.782 ug/L

RT: 6.082 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038450.D

Acq: 17 Jan 2025 12:30

Instrument :

MSVOA_V

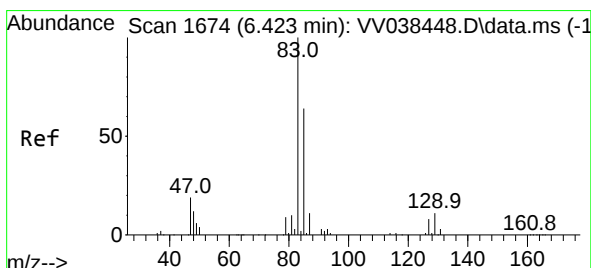
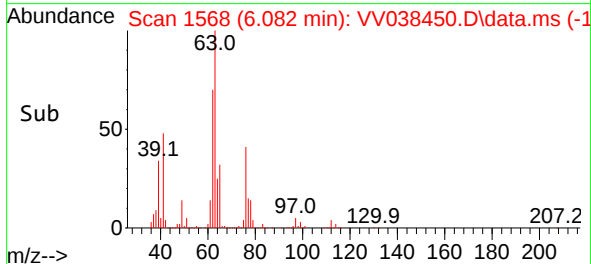
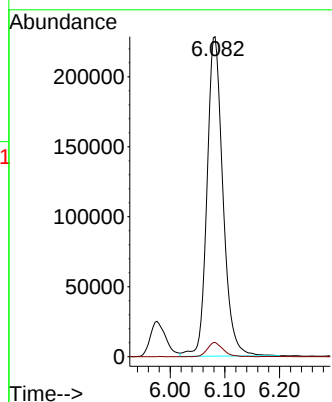
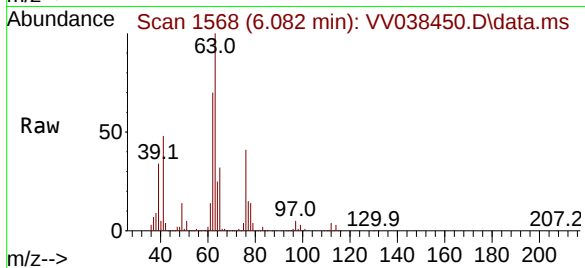
ClientSampleId :

Tgt Ion: 63 Resp: 461036

Ion Ratio Lower Upper

63 100

112 4.4 4.1 6.1



#38

Bromodichloromethane

Concen: 23.023 ug/L

RT: 6.420 min Scan# 1673

Delta R.T. -0.003 min

Lab File: VV038450.D

Acq: 17 Jan 2025 12:30

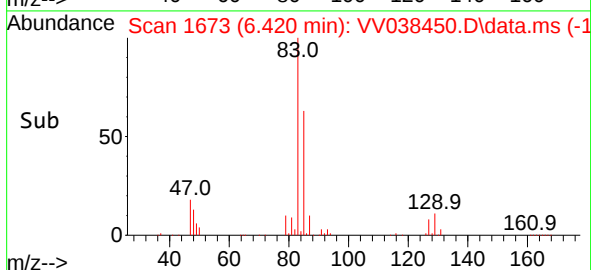
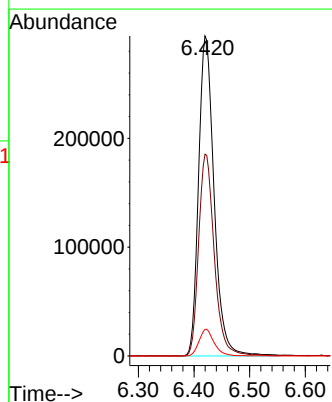
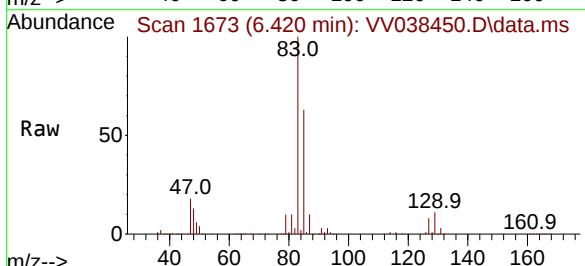
Tgt Ion: 83 Resp: 570363

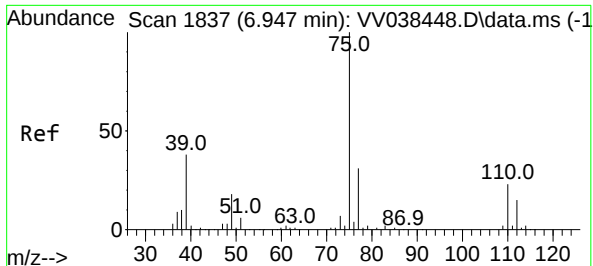
Ion Ratio Lower Upper

83 100

85 63.1 44.7 83.1

127 8.3 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 26.877 ug/L

RT: 6.941 min Scan# 1835

Delta R.T. -0.006 min

Lab File: VV038450.D

Acq: 17 Jan 2025 12:30

Instrument :

MSVOA_V

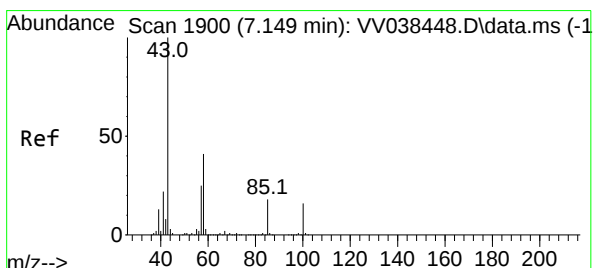
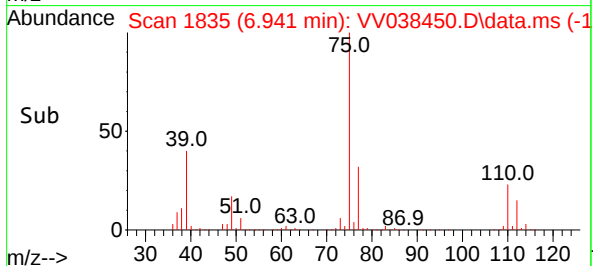
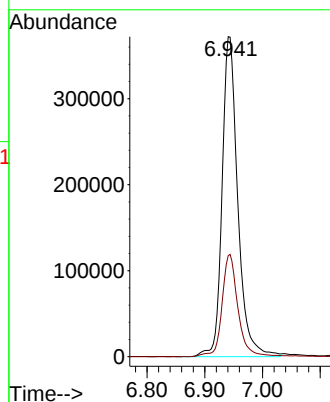
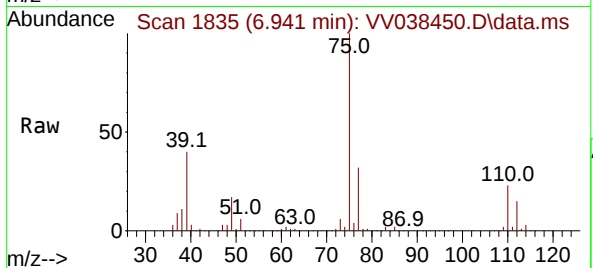
ClientSampleId :

Tgt Ion: 75 Resp: 703140

Ion Ratio Lower Upper

75 100

77 31.5 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 281.237 ug/L

RT: 7.146 min Scan# 1899

Delta R.T. -0.003 min

Lab File: VV038450.D

Acq: 17 Jan 2025 12:30

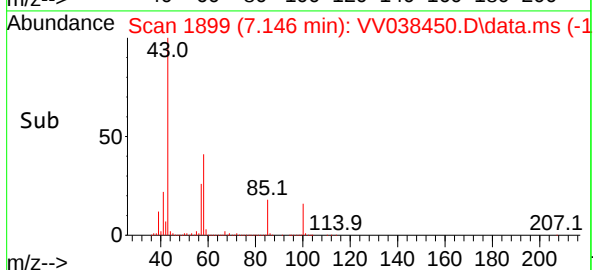
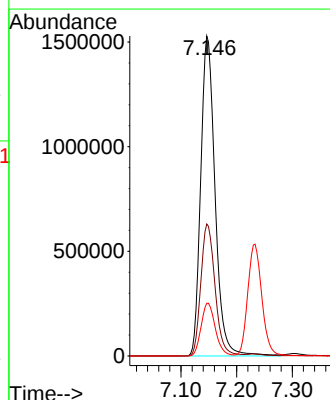
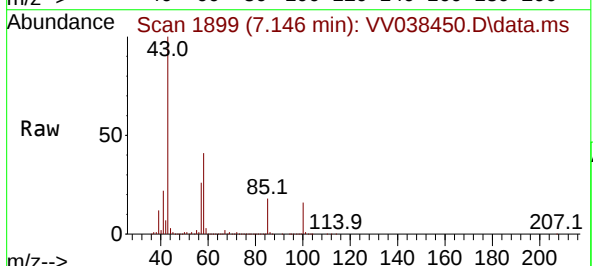
Tgt Ion: 43 Resp: 2739989

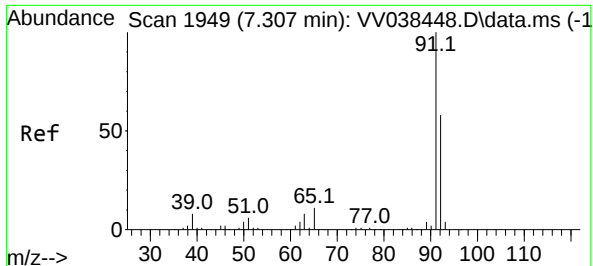
Ion Ratio Lower Upper

43 100

58 40.9 31.7 47.5

100 16.3 12.4 18.6





#42

Toluene

Concen: 24.130 ug/L

RT: 7.304 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV038450.D

Acq: 17 Jan 2025 12:30

Instrument :

MSVOA_V

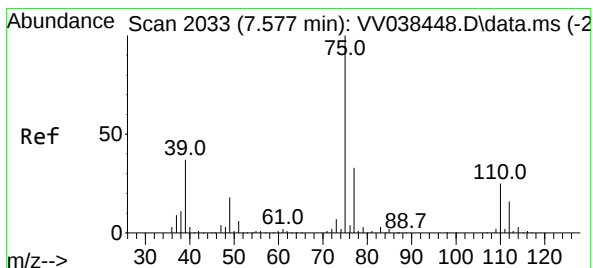
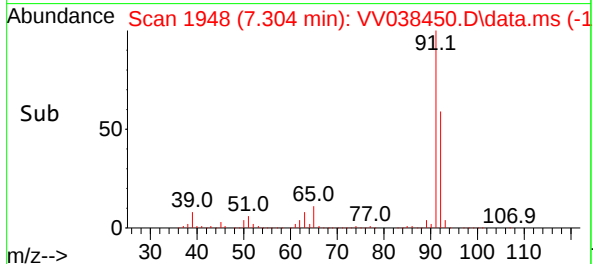
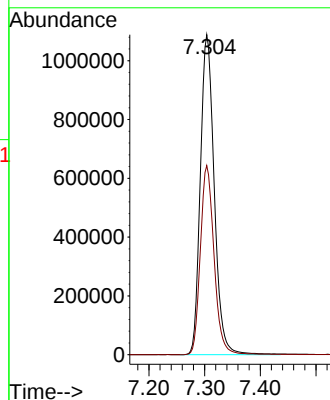
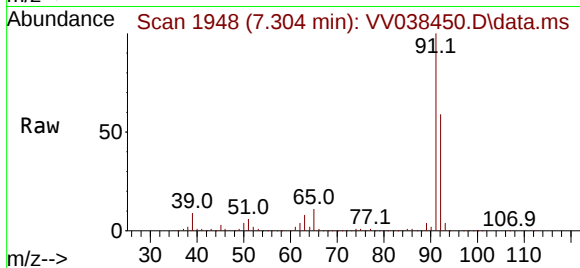
ClientSampleId :

Tgt Ion: 91 Resp: 1890743

Ion Ratio Lower Upper

91 100

92 59.1 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 26.862 ug/L

RT: 7.571 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VV038450.D

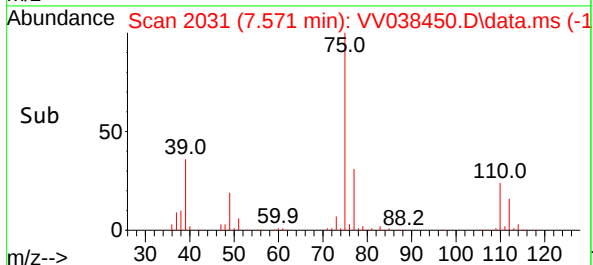
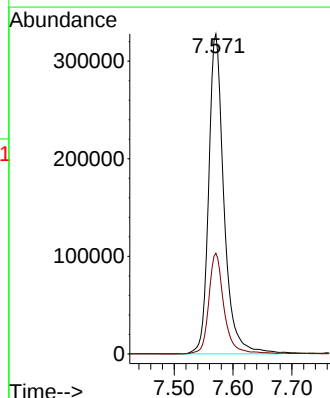
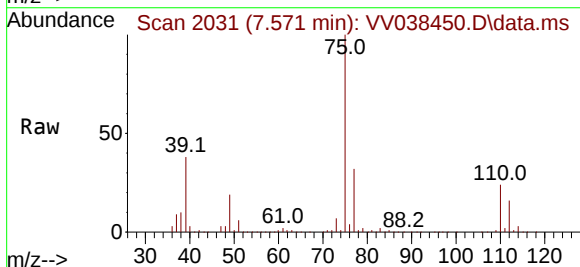
Acq: 17 Jan 2025 12:30

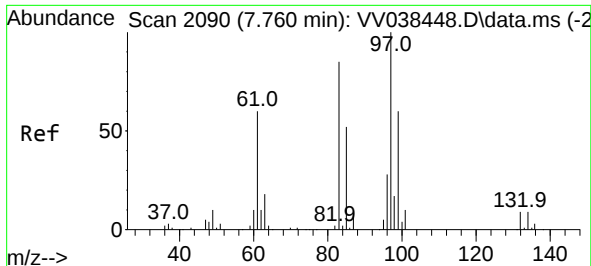
Tgt Ion: 75 Resp: 590351

Ion Ratio Lower Upper

75 100

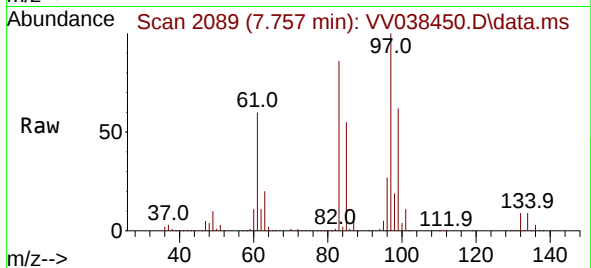
77 31.5 22.8 42.4



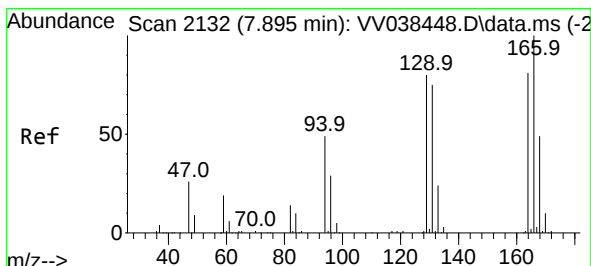
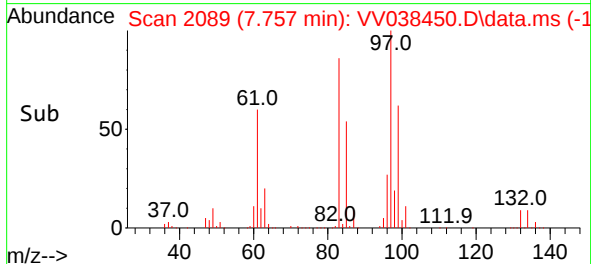
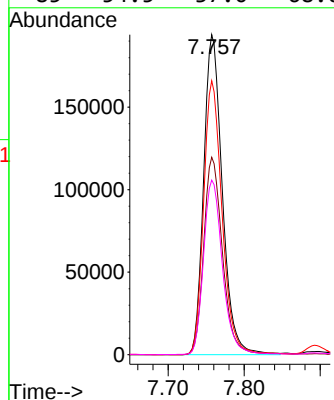


#45
1,1,2-Trichloroethane
Concen: 22.342 ug/L
RT: 7.757 min Scan# 2090
Delta R.T. -0.003 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30

Instrument :
MSVOA_V
ClientSampleId :

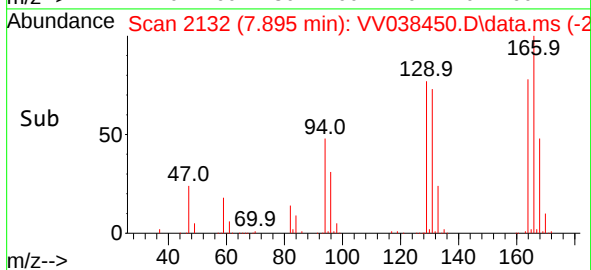
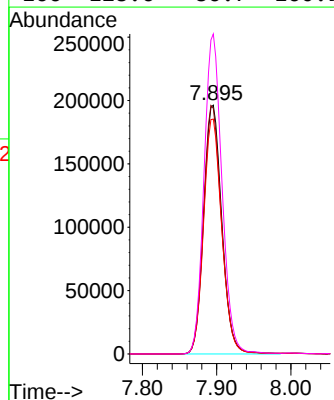
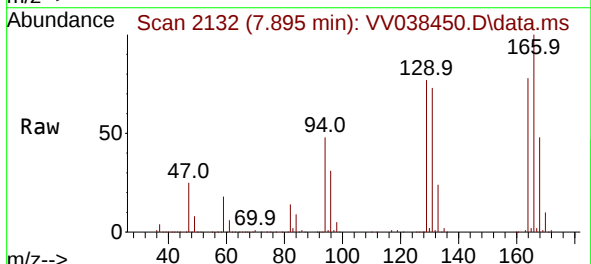


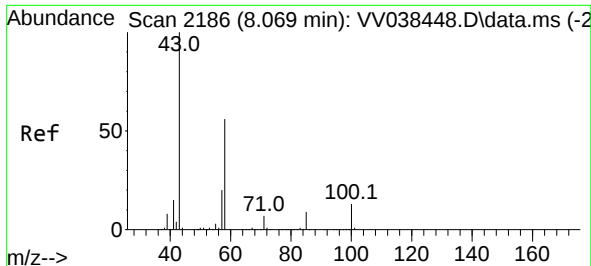
Tgt Ion:	97	Resp:	329610
Ion	Ratio	Lower	Upper
97	100		
99	61.7	42.3	78.5
83	85.6	59.4	110.4
85	54.5	37.0	68.6



#47
Tetrachloroethene
Concen: 20.747 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30

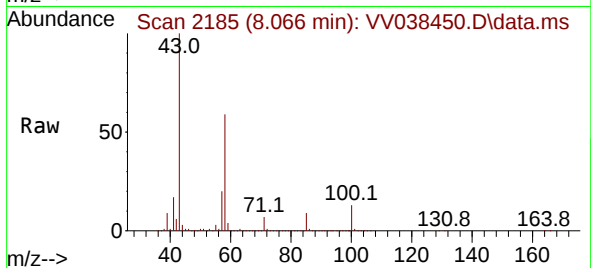
Tgt Ion:	164	Resp:	333226
Ion	Ratio	Lower	Upper
164	100		
129	98.7	68.9	127.9
131	94.4	65.2	121.2
166	128.6	86.7	160.9





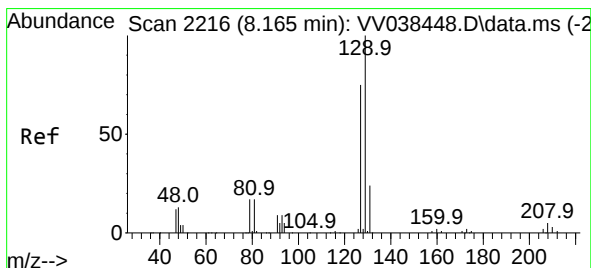
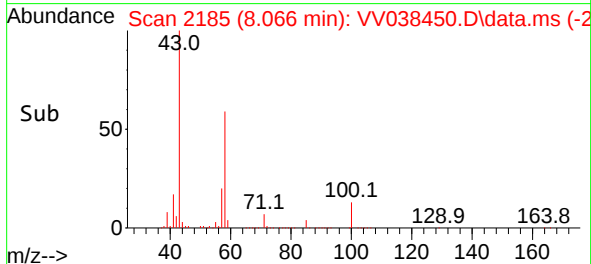
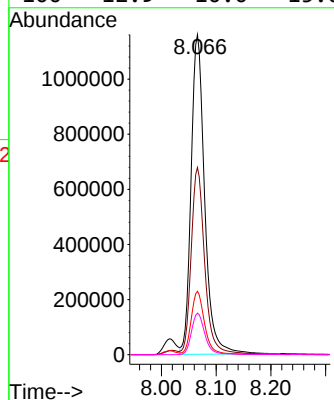
#48
2-Hexanone
Concen: 279.799 ug/L
RT: 8.066 min Scan# 2186
Delta R.T. -0.003 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 2000250

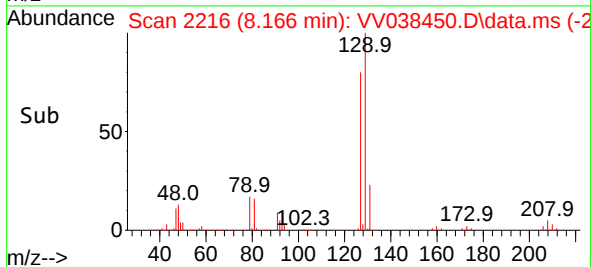
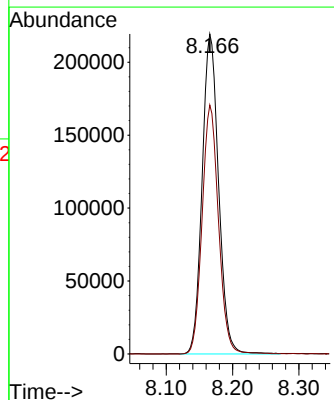
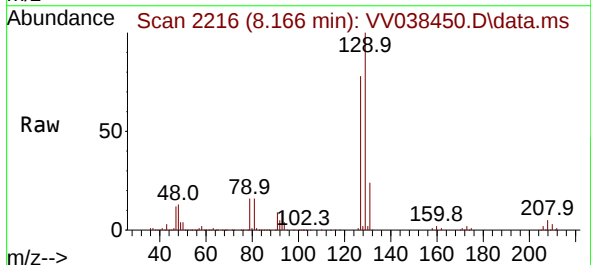
Ion	Ratio	Lower	Upper
43	100		
58	58.2	43.6	65.4
57	19.4	15.0	22.4
100	12.9	10.0	15.0

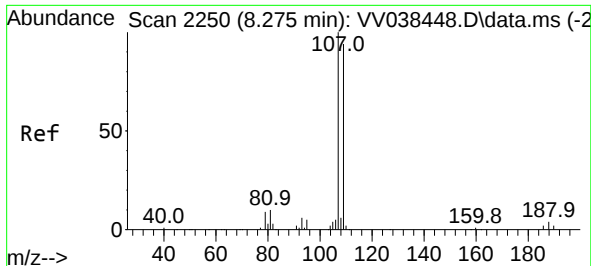


#49
Dibromochloromethane
Concen: 23.129 ug/L
RT: 8.166 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30

Tgt Ion: 129 Resp: 377239

Ion	Ratio	Lower	Upper
129	100		
127	77.8	52.8	98.2





#50

1,2-Dibromoethane

Concen: 22.868 ug/L

RT: 8.272 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV038450.D

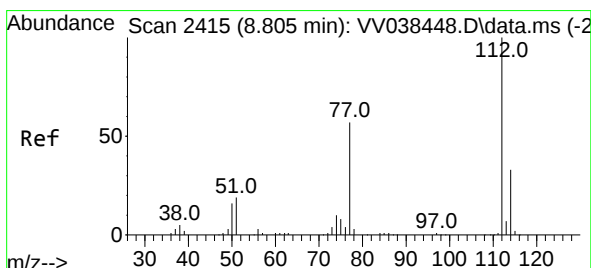
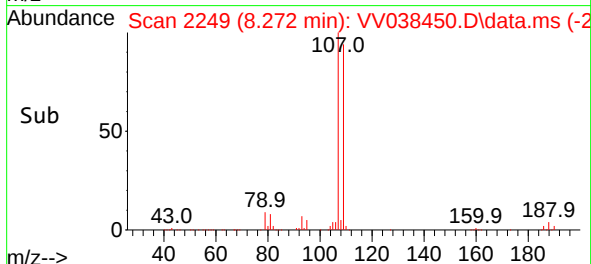
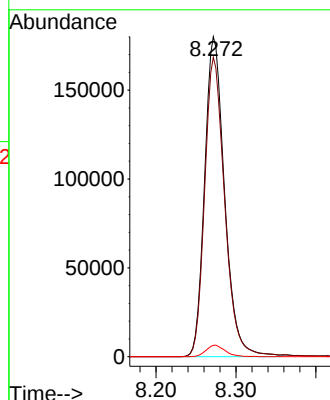
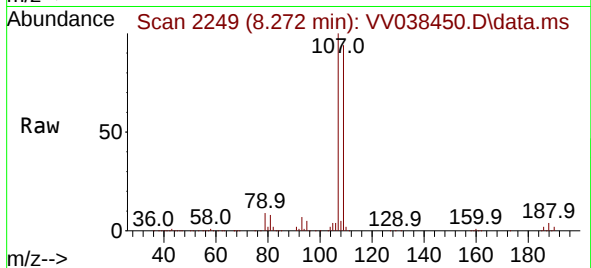
Acq: 17 Jan 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	313296
Ion	Ratio	Lower Upper
107	100	
109	93.6	65.9 122.3
188	3.6	2.8 4.2



#51

Chlorobenzene

Concen: 22.467 ug/L

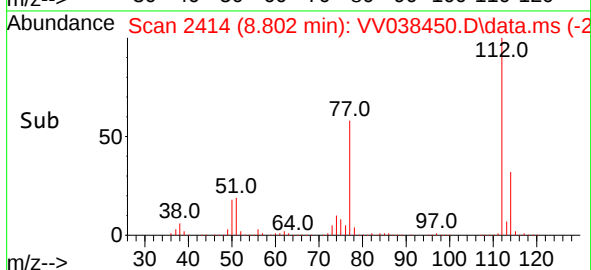
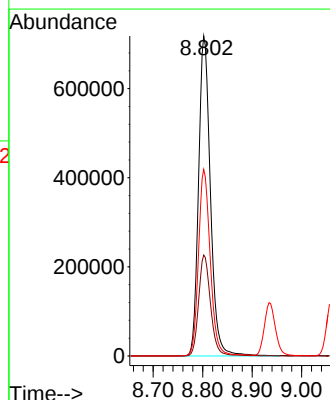
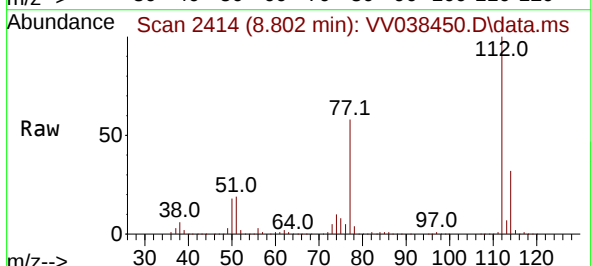
RT: 8.802 min Scan# 2414

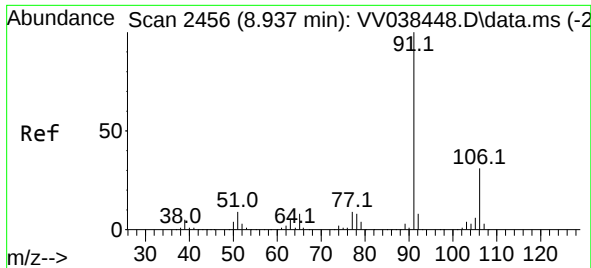
Delta R.T. -0.003 min

Lab File: VV038450.D

Acq: 17 Jan 2025 12:30

Tgt Ion:112	Resp:	1201319
Ion	Ratio	Lower Upper
112	100	
114	31.5	22.9 42.5
77	58.3	46.1 69.1

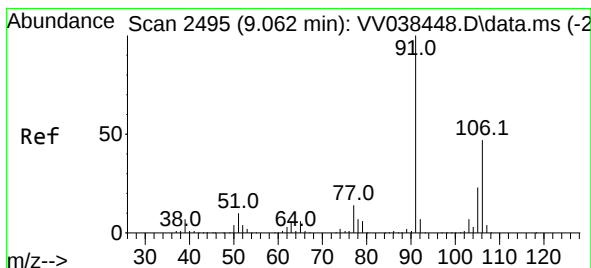
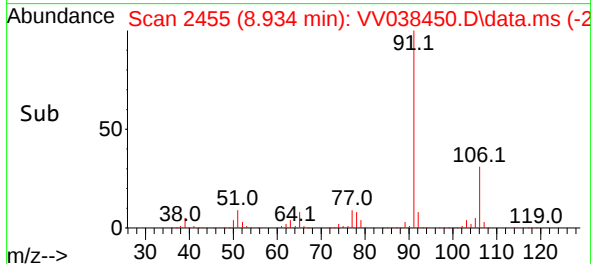
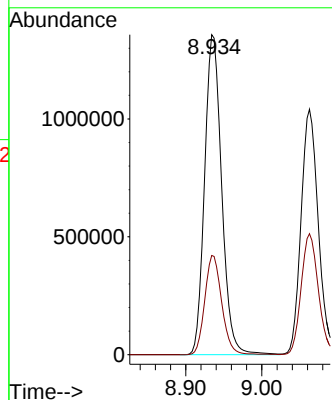
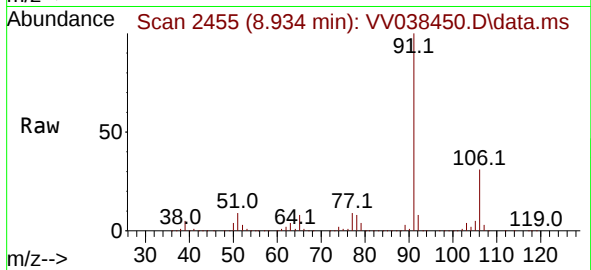




#52
Ethylbenzene
Concen: 25.334 ug/L
RT: 8.934 min Scan# 2456
Delta R.T. -0.003 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30

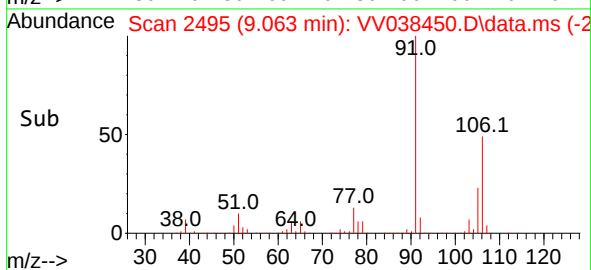
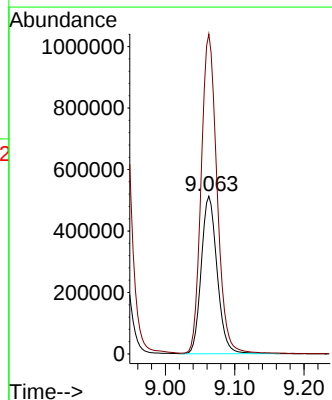
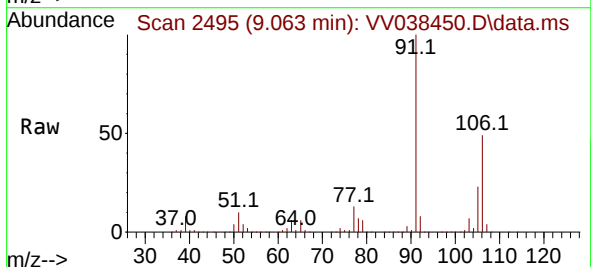
Instrument :
MSVOA_V
ClientSampleId :

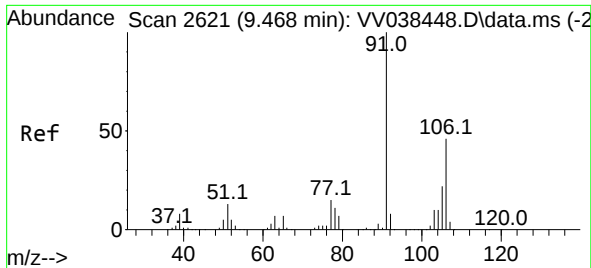
Tgt Ion: 91 Resp: 2116402
Ion Ratio Lower Upper
91 100
106 31.0 22.0 40.8



#53
m,p-Xylene
Concen: 25.992 ug/L
RT: 9.063 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30

Tgt Ion:106 Resp: 814776
Ion Ratio Lower Upper
106 100
91 202.9 148.2 275.2

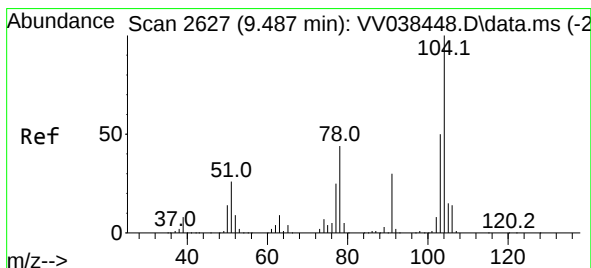
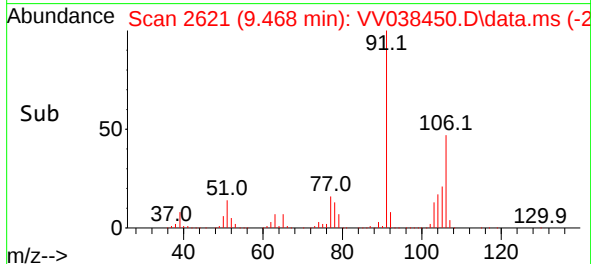
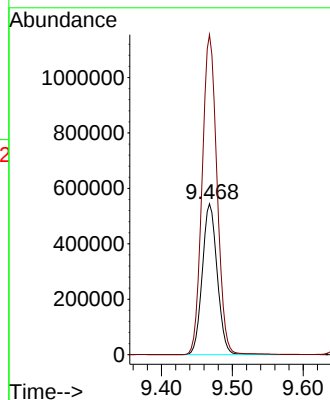
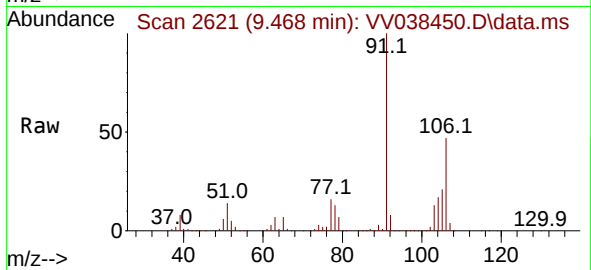




#54
o-Xylene
Concen: 25.991 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30

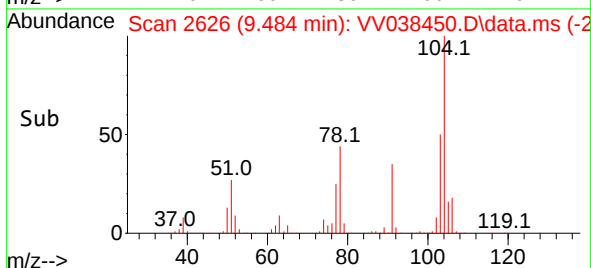
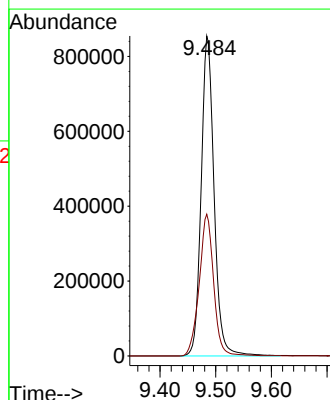
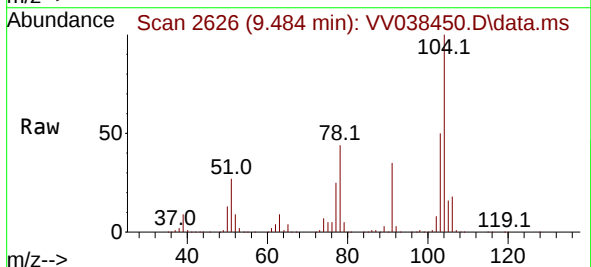
Instrument :
MSVOA_V
ClientSampleId :

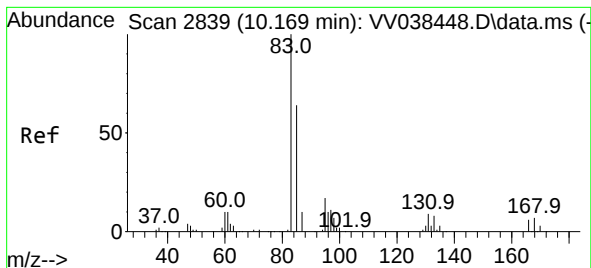
Tgt Ion:106 Resp: 795177
Ion Ratio Lower Upper
106 100
91 212.1 151.4 281.2



#55
Styrene
Concen: 25.855 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.003 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30

Tgt Ion:104 Resp: 1382020
Ion Ratio Lower Upper
104 100
78 44.3 30.8 57.2

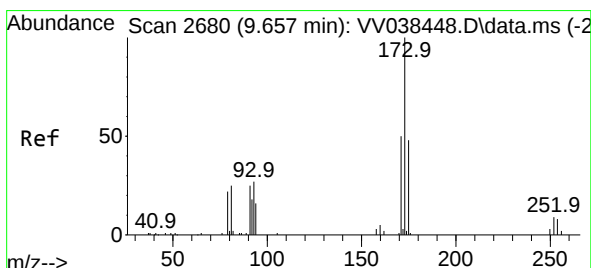
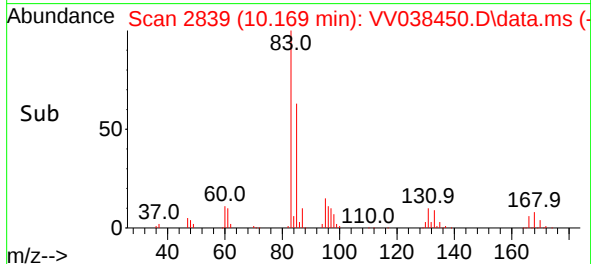
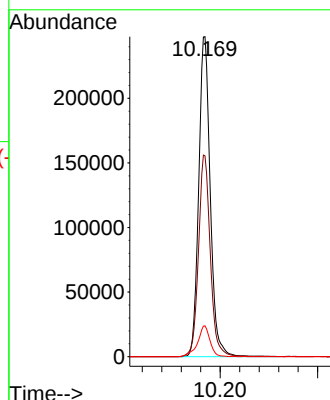
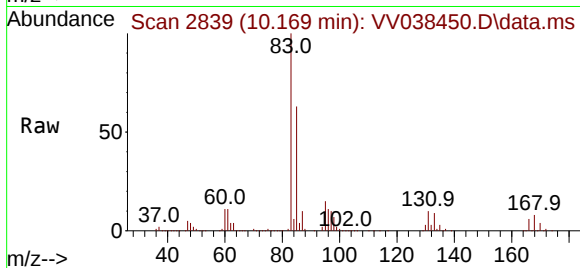




#57
1,1,2,2-Tetrachloroethane
Concen: 23.664 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. 0.000 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30

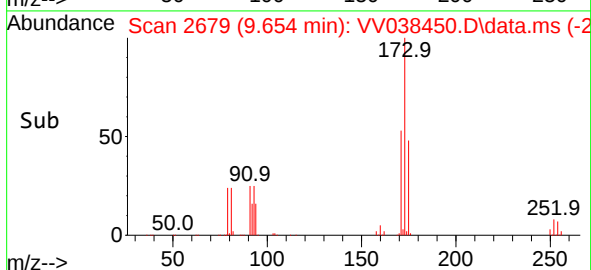
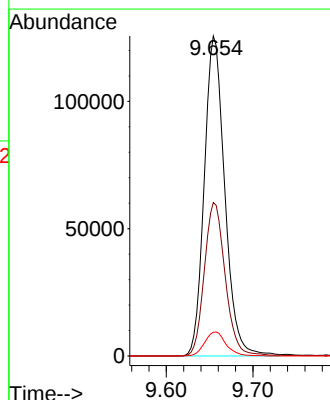
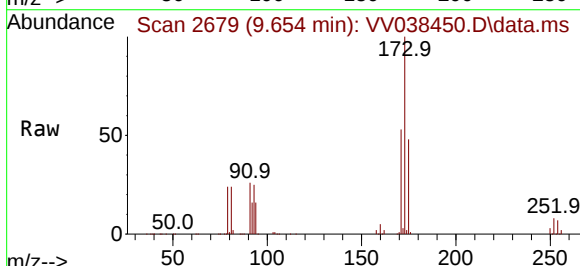
Instrument :
MSVOA_V
ClientSampleId :

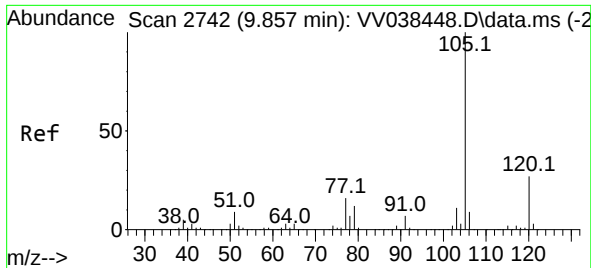
Tgt Ion: 83 Resp: 408088
Ion Ratio Lower Upper
83 100
85 62.7 45.1 83.7
131 9.6 7.5 11.3



#59
Bromoform
Concen: 24.338 ug/L
RT: 9.654 min Scan# 2679
Delta R.T. -0.003 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30

Tgt Ion: 173 Resp: 206909
Ion Ratio Lower Upper
173 100
175 48.8 37.6 56.4
254 7.8 5.6 8.4

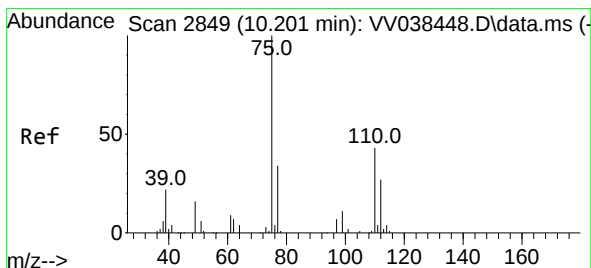
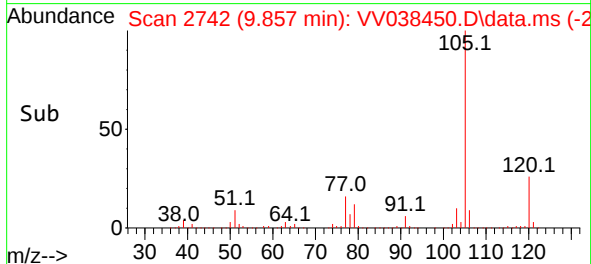
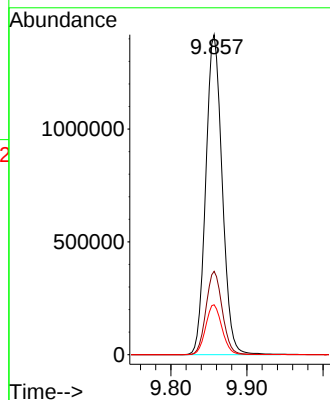
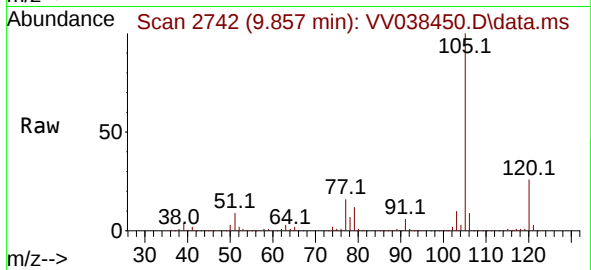




#60
Isopropylbenzene
Concen: 25.218 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30

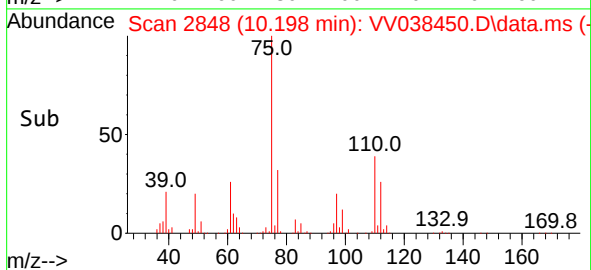
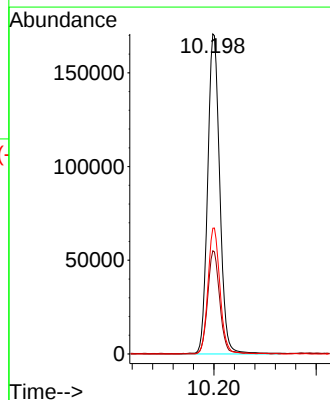
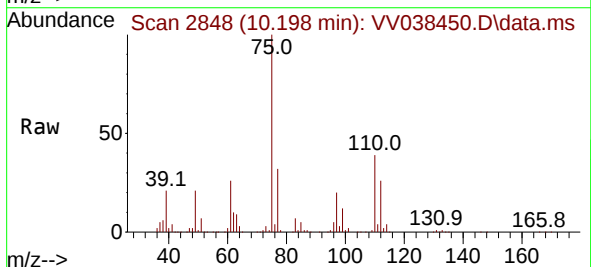
Instrument :
MSVOA_V
ClientSampleId :

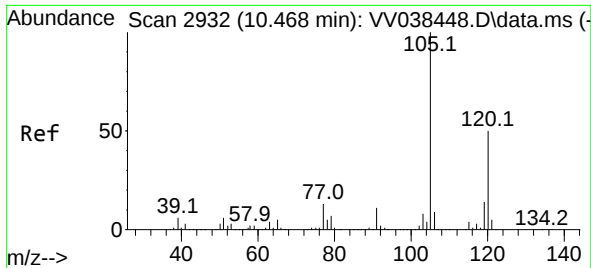
Tgt Ion:105 Resp: 2120751
Ion Ratio Lower Upper
105 100
120 26.0 21.4 32.2
77 15.6 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 23.002 ug/L
RT: 10.198 min Scan# 2848
Delta R.T. -0.003 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30

Tgt Ion: 75 Resp: 280673
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
110 39.0 32.6 48.8

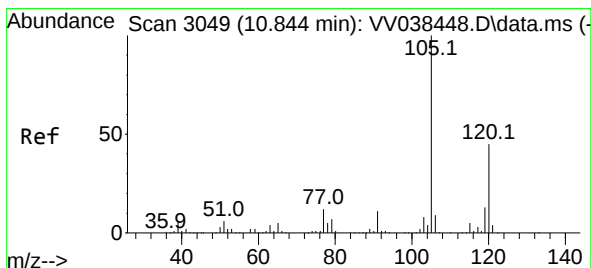
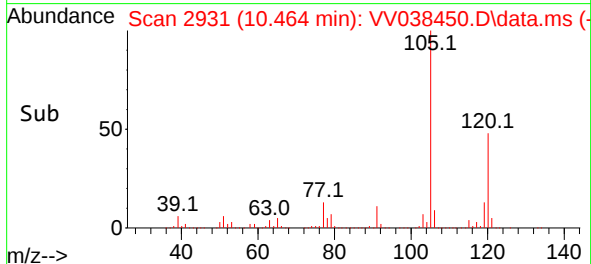
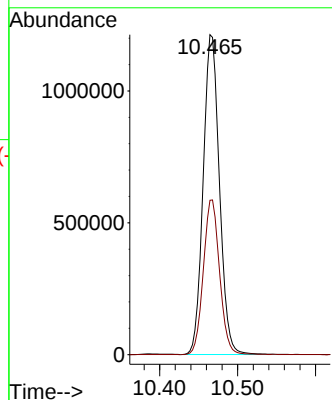
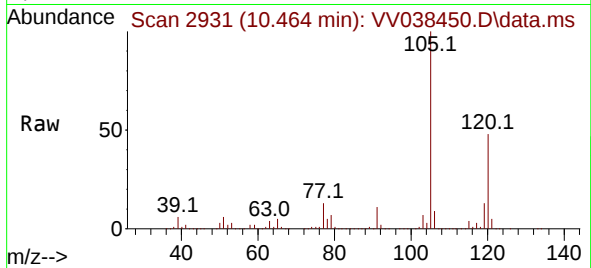




#62
 1,3,5-Trimethylbenzene
 Concen: 26.384 ug/L
 RT: 10.464 min Scan# 2932
 Delta R.T. -0.003 min
 Lab File: VV038450.D
 Acq: 17 Jan 2025 12:30

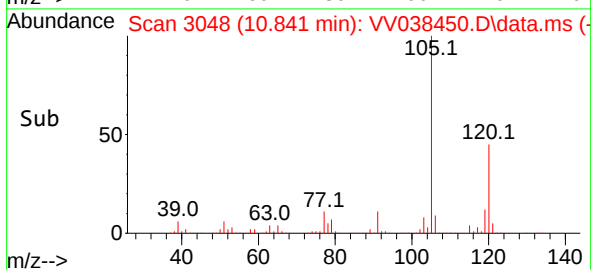
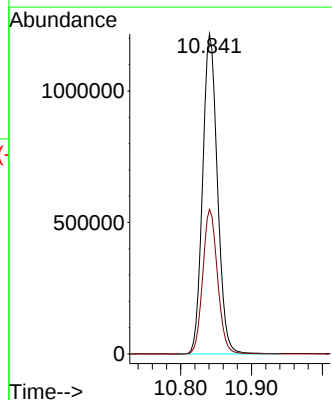
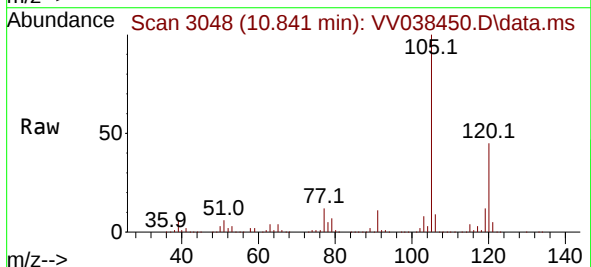
Instrument :
 MSVOA_V
 ClientSampleId :

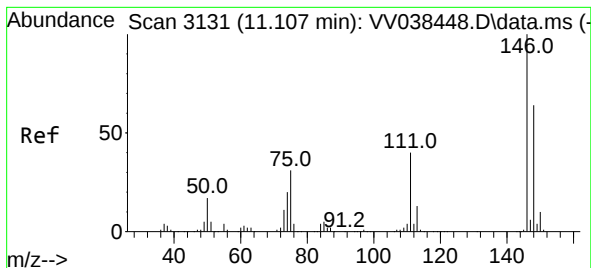
Tgt Ion:105 Resp: 1756267
 Ion Ratio Lower Upper
 105 100
 120 48.3 39.4 59.0



#63
 1,2,4-Trimethylbenzene
 Concen: 26.466 ug/L
 RT: 10.841 min Scan# 3048
 Delta R.T. -0.003 min
 Lab File: VV038450.D
 Acq: 17 Jan 2025 12:30

Tgt Ion:105 Resp: 1766479
 Ion Ratio Lower Upper
 105 100
 120 45.1 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 21.960 ug/L

RT: 11.108 min Scan# 3131

Delta R.T. 0.000 min

Lab File: VV038450.D

Acq: 17 Jan 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

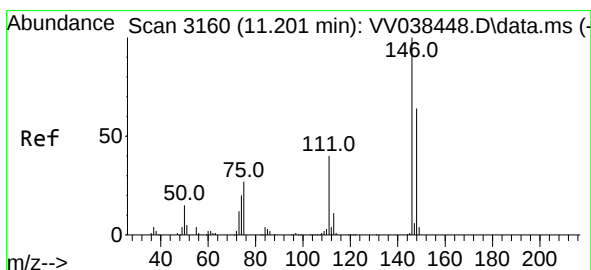
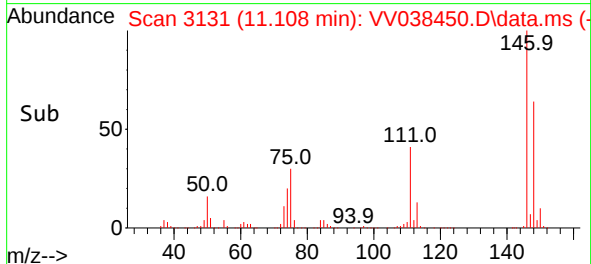
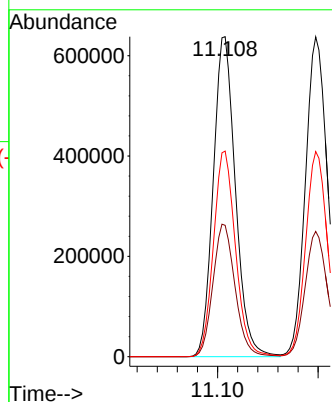
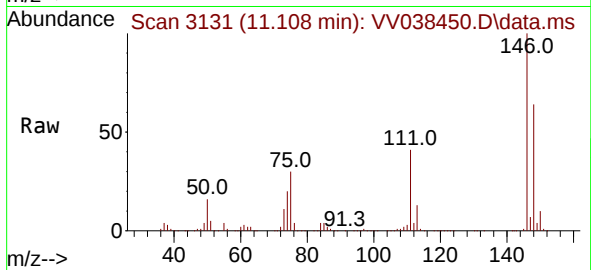
Tgt Ion:146 Resp: 976275

Ion Ratio Lower Upper

146 100

111 41.0 27.9 51.9

148 64.2 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 22.100 ug/L

RT: 11.198 min Scan# 3159

Delta R.T. -0.003 min

Lab File: VV038450.D

Acq: 17 Jan 2025 12:30

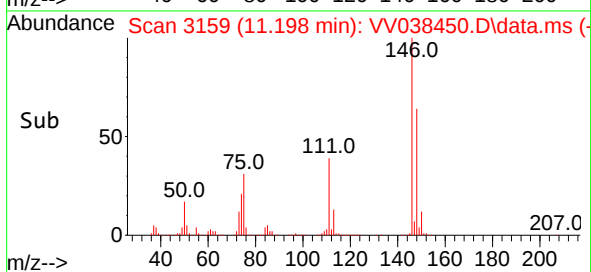
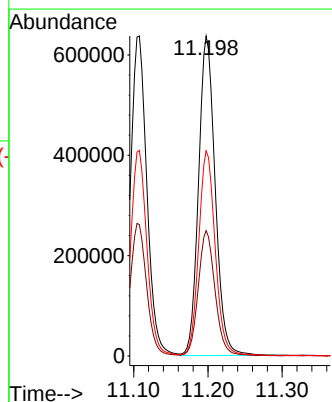
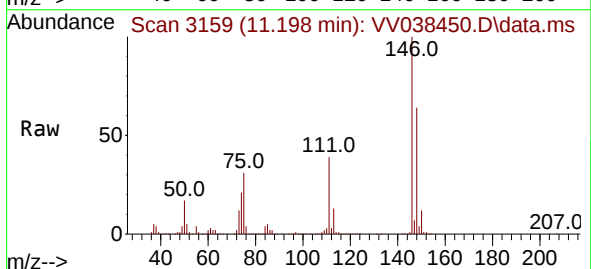
Tgt Ion:146 Resp: 994202

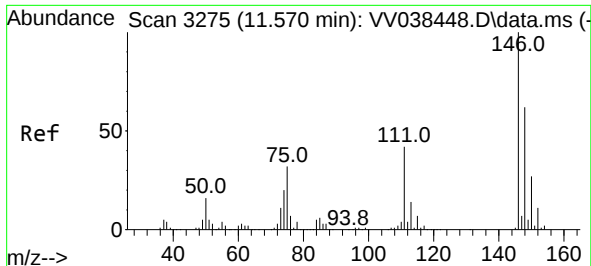
Ion Ratio Lower Upper

146 100

111 39.2 28.1 52.3

148 64.1 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 22.442 ug/L

RT: 11.567 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV038450.D

Acq: 17 Jan 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

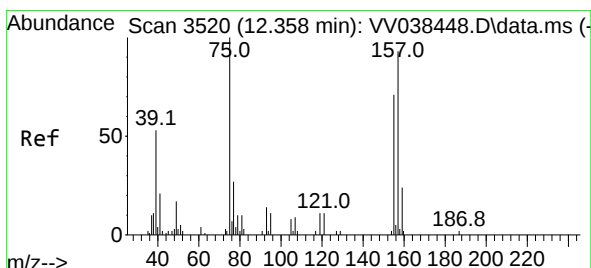
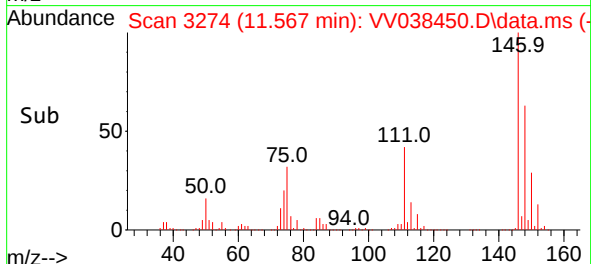
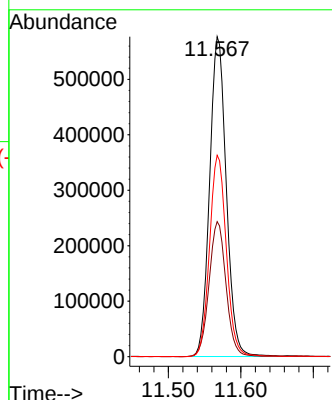
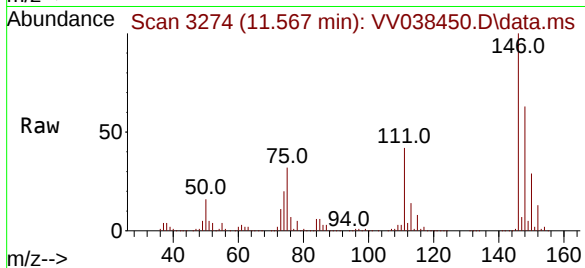
Tgt Ion:146 Resp: 920378

Ion Ratio Lower Upper

146 100

111 42.2 33.4 50.0

148 62.9 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 23.932 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. -0.003 min

Lab File: VV038450.D

Acq: 17 Jan 2025 12:30

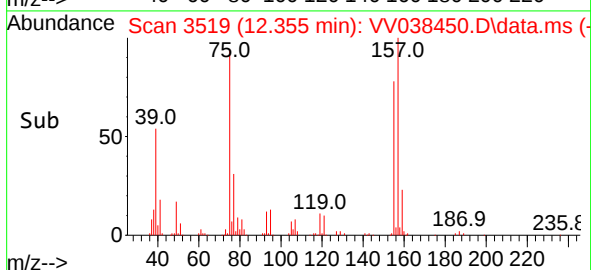
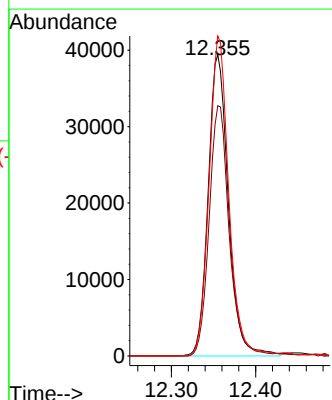
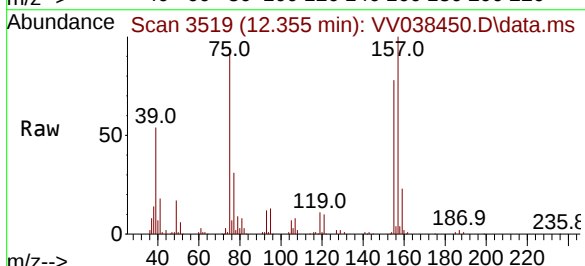
Tgt Ion: 75 Resp: 65708

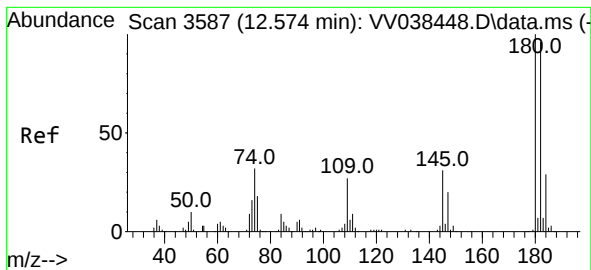
Ion Ratio Lower Upper

75 100

155 83.0 56.7 85.1

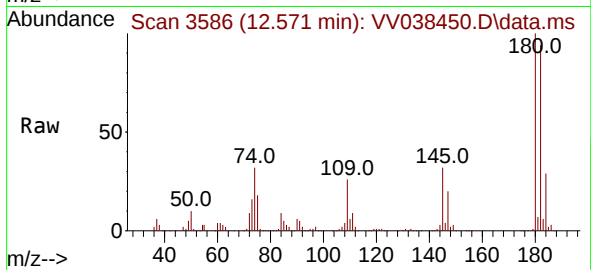
157 106.1 74.4 111.6



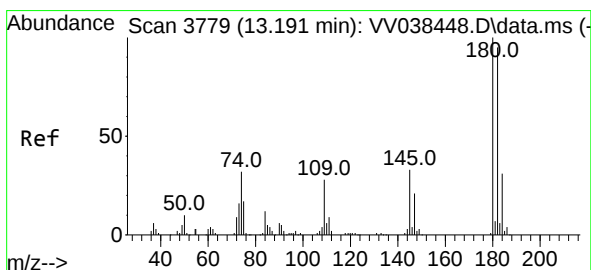
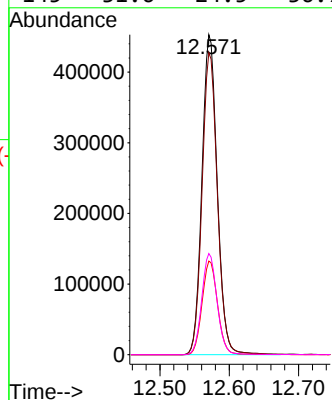
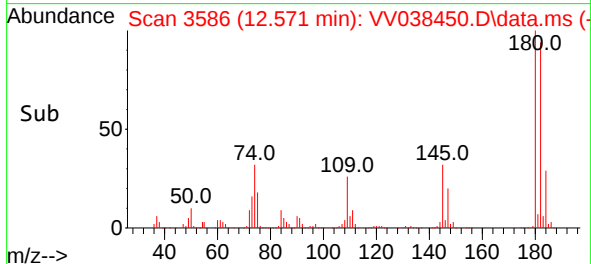


#69
 1,3,5-Trichlorobenzene
 Concen: 22.044 ug/L
 RT: 12.571 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV038450.D
 Acq: 17 Jan 2025 12:30

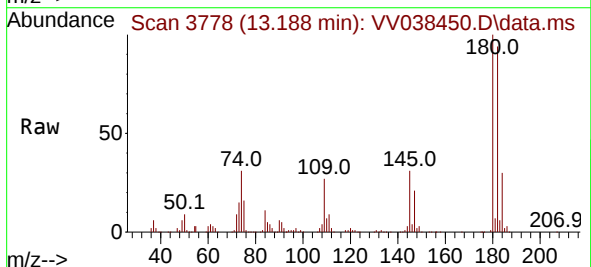
Instrument :
 MSVOA_V
 ClientSampleId :



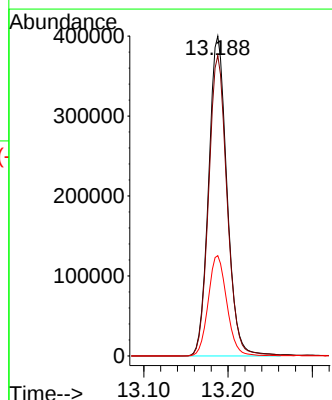
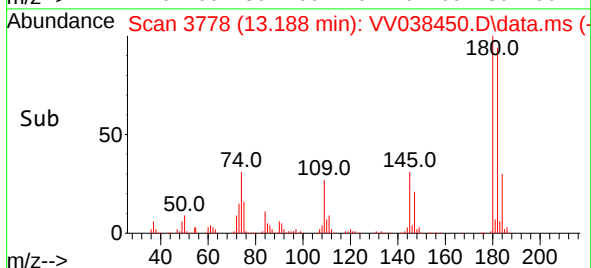
Tgt Ion:180 Resp: 694077
 Ion Ratio Lower Upper
 180 100
 182 94.6 74.3 111.5
 184 29.4 23.2 34.8
 145 31.6 24.5 36.7

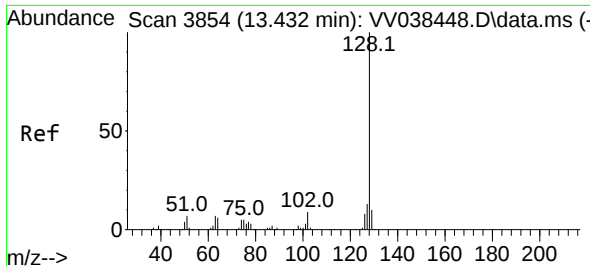


#70
 1,2,4-trichlorobenzene
 Concen: 23.958 ug/L
 RT: 13.188 min Scan# 3778
 Delta R.T. -0.003 min
 Lab File: VV038450.D
 Acq: 17 Jan 2025 12:30



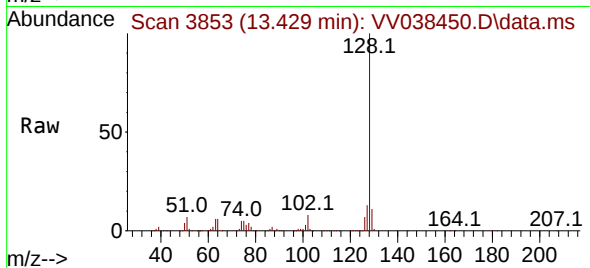
Tgt Ion:180 Resp: 606779
 Ion Ratio Lower Upper
 180 100
 182 94.5 77.5 116.3
 145 31.9 26.2 39.4



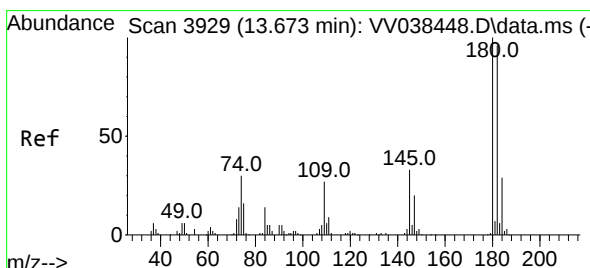
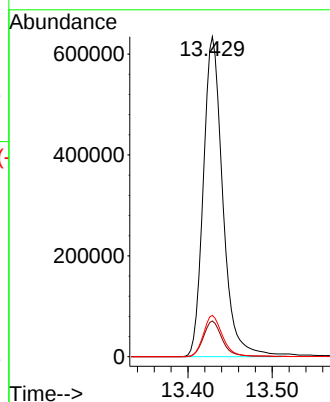
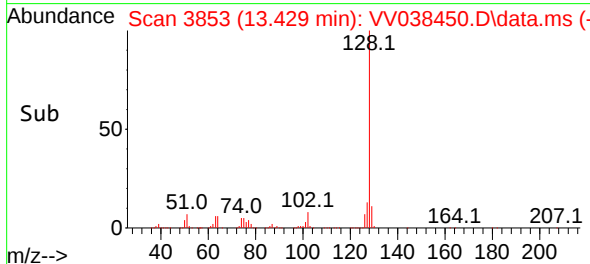


#71
Naphthalene
Concen: 26.279 ug/L
RT: 13.429 min Scan# 3853
Delta R.T. -0.003 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30

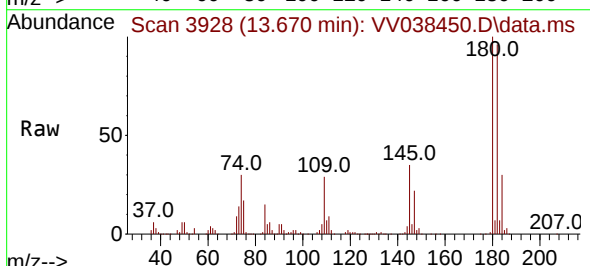
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1022122
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 12.9 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 22.655 ug/L
RT: 13.670 min Scan# 3928
Delta R.T. -0.003 min
Lab File: VV038450.D
Acq: 17 Jan 2025 12:30



Tgt Ion:180 Resp: 525750
Ion Ratio Lower Upper
180 100
182 94.9 77.0 115.6
145 34.7 27.1 40.7

