

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112424\
 Data File : VV038330.D
 Acq On : 24 Nov 2024 14:26
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 25 00:24:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 00:21:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	228556	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	245205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	132915	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	68858	3.931	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.529	69	66538	4.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.053	65	31259	4.146	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.789	46	193410	55.189	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.380%
24) Chloroform-d	4.240	84	168117	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	4.937	65	77442	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	4.953	84	288703	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	5.982	67	92505	4.744	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.236	98	271467	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	7.551	79	34784	4.798	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.021	63	146473	51.971	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.940%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	87531	5.287	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	100930	4.457	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	103172	4.771	ug/L	99
3) Chloromethane	1.214	50	100212	5.382	ug/L	98
5) Vinyl chloride	1.278	62	100931	4.784	ug/L	98
6) Bromomethane	1.484	94	57690	7.012	ug/L	98
8) Chloroethane	1.545	64	68526	5.097	ug/L	97
9) Trichlorofluoromethane	1.709	101	141605	4.716	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	82962	4.841	ug/L	97
12) 1,1-Dichloroethene	2.063	96	74576	4.568	ug/L	93
13) Acetone	2.121	43	135004	52.087	ug/L	99
14) Carbon disulfide	2.233	76	231202	4.397	ug/L	99
15) Methyl Acetate	2.378	43	33747	5.361	ug/L #	88
16) Methylene chloride	2.439	84	89952	4.832	ug/L	94
17) Methyl tert-butyl Ether	2.699	73	171571	4.648	ug/L	98
18) trans-1,2-Dichloroethene	2.690	96	80496	4.681	ug/L	98
19) 1,1-Dichloroethane	3.105	63	157407	5.042	ug/L	100
21) 2-Butanone	3.873	43	186552	50.149	ug/L	98
22) cis-1,2-Dichloroethene	3.809	96	84782	4.768	ug/L	100
23) Bromochloromethane	4.140	128	42815	4.932	ug/L	97
25) Chloroform	4.269	83	168566	5.047	ug/L	99

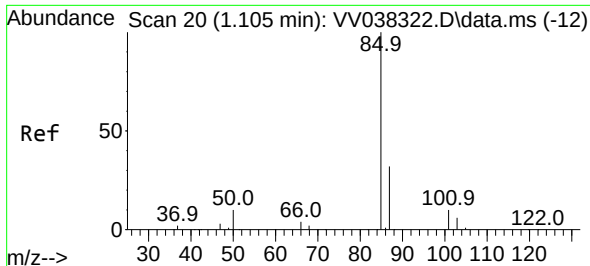
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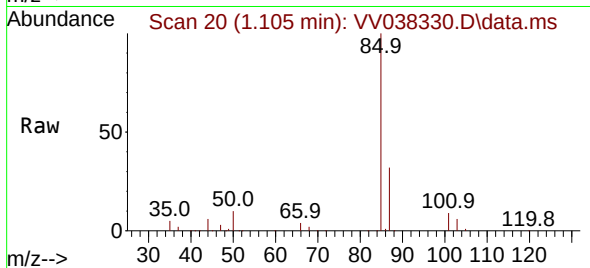
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	95321	5.246	ug/L	100
29) 1,1,1-Trichloroethane	4.503	97	140262	4.769	ug/L	98
30) Cyclohexane	4.571	56	110142	4.516	ug/L	94
31) Carbon tetrachloride	4.725	117	124042	4.781	ug/L	98
33) Benzene	5.002	78	338013	4.908	ug/L	100
34) Trichloroethene	5.828	95	86386	4.601	ug/L	98
35) Methylcyclohexane	6.040	83	116576	4.389	ug/L	97
37) 1,2-Dichloropropane	6.085	63	87446	5.069	ug/L	100
38) Bromodichloromethane	6.426	83	115846	4.996	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	112761	4.682	ug/L	96
40) 4-Methyl-2-pentanone	7.149	43	474872	52.590	ug/L	98
42) Toluene	7.307	91	363563	4.984	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	101930	5.010	ug/L	93
45) 1,1,2-Trichloroethane	7.764	97	69149	4.942	ug/L	95
47) Tetrachloroethene	7.899	164	68063	4.511	ug/L	97
48) 2-Hexanone	8.069	43	360767	55.096	ug/L	96
49) Dibromochloromethane	8.169	129	74286	4.870	ug/L	98
50) 1,2-Dibromoethane	8.275	107	63557	4.900	ug/L	97
51) Chlorobenzene	8.805	112	235034	4.677	ug/L	98
52) Ethylbenzene	8.940	91	356607	4.608	ug/L	98
53) m,p-Xylene	9.066	106	137620	4.713	ug/L	92
54) o-Xylene	9.471	106	131798	4.636	ug/L	95
55) Styrene	9.490	104	243831	4.865	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	83351	5.095	ug/L	99
59) Bromoform	9.657	173	37386	4.833	ug/L	97
60) Isopropylbenzene	9.860	105	355960	4.650	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	56611	4.975	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	263483	4.337	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	267610	4.418	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	189623	4.613	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	192100	4.623	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	177801	4.673	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	11635	4.555	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	121329	4.167	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	94665	3.933	ug/L	96
71) Naphthalene	13.435	128	124389	3.322	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	88165	3.964	ug/L	97

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

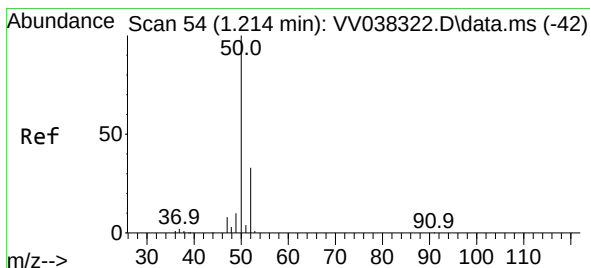
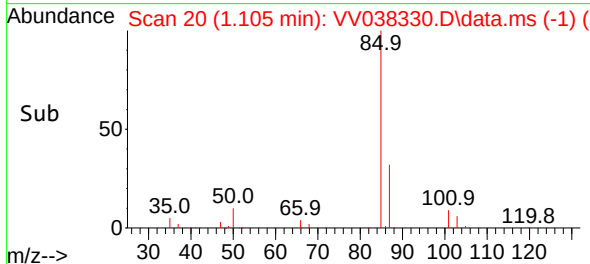
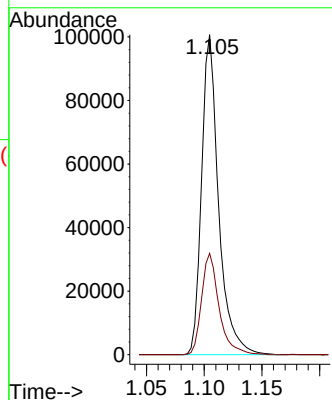


#2
Dichlorodifluoromethane
Concen: 4.771 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV038330.D
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Instrument :
MSVOA_V
ClientSampleId :

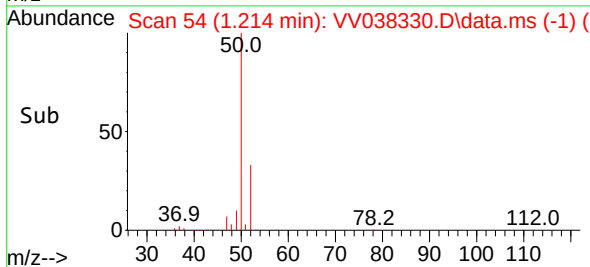
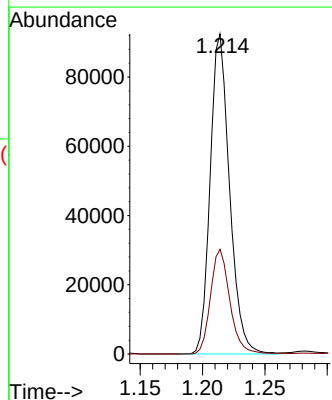
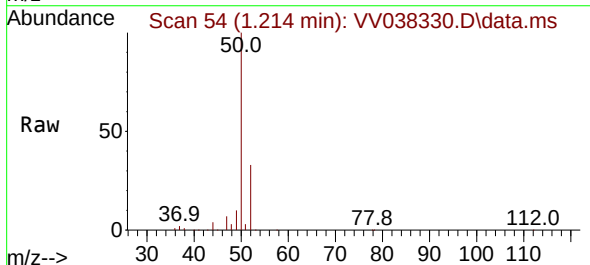


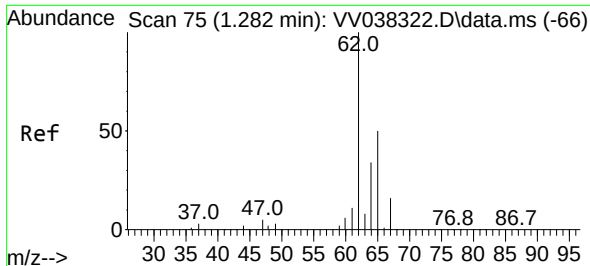
Tgt Ion: 85 Resp: 103172
Ion Ratio Lower Upper
85 100
87 32.5 26.5 39.7



#3
Chloromethane
Concen: 5.382 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

Tgt Ion: 50 Resp: 100212
Ion Ratio Lower Upper
50 100
52 32.7 23.5 43.7

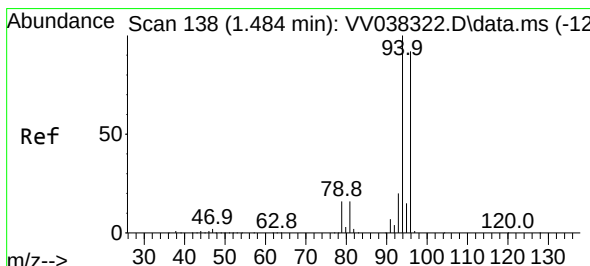
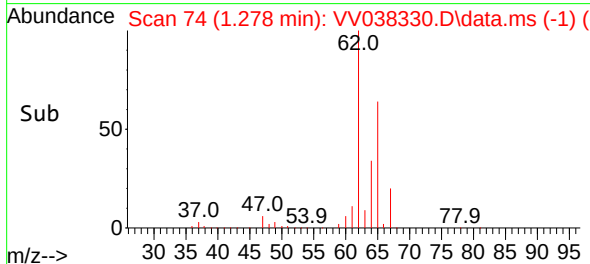
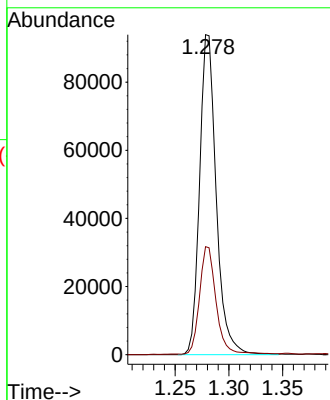
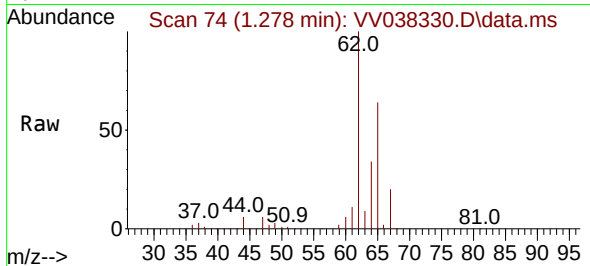




#5
 Vinyl chloride
 Concen: 4.784 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV038330.D
 Acq: 24 Nov 2024 14:26

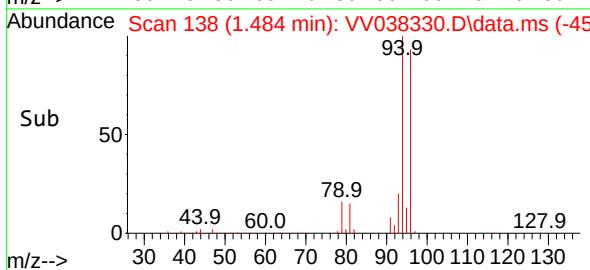
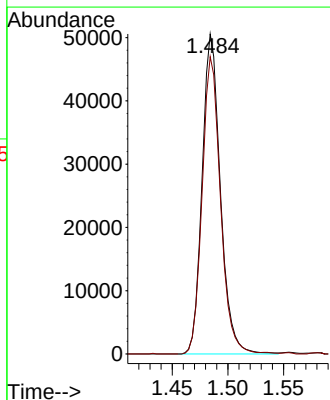
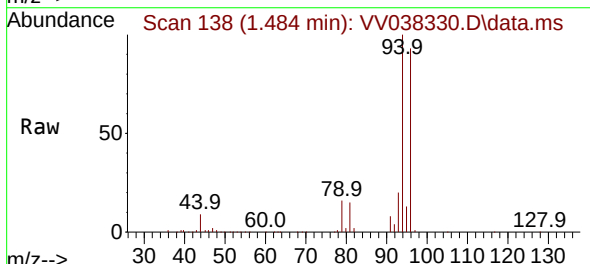
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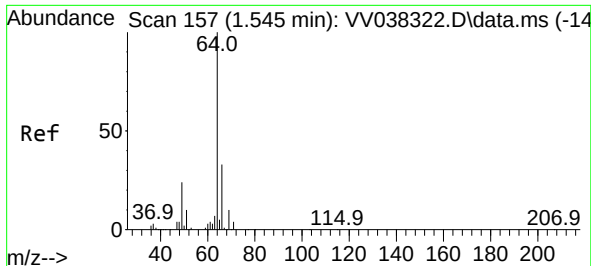
Tgt Ion: 62 Resp: 100931
 Ion Ratio Lower Upper
 62 100
 64 33.7 24.4 45.4



#6
 Bromomethane
 Concen: 7.012 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV038330.D
 Acq: 24 Nov 2024 14:26

Tgt Ion: 94 Resp: 57690
 Ion Ratio Lower Upper
 94 100
 96 92.9 63.7 118.3

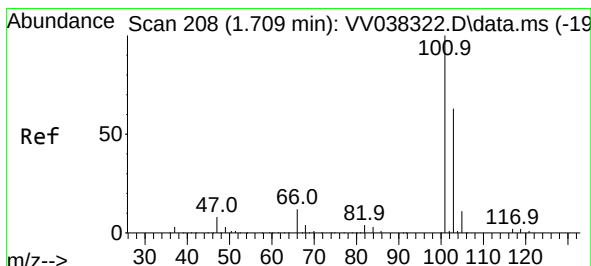
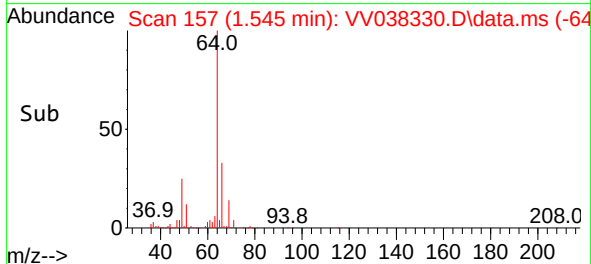
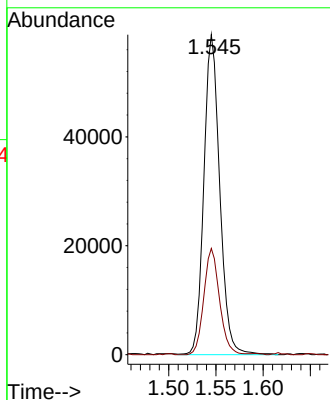
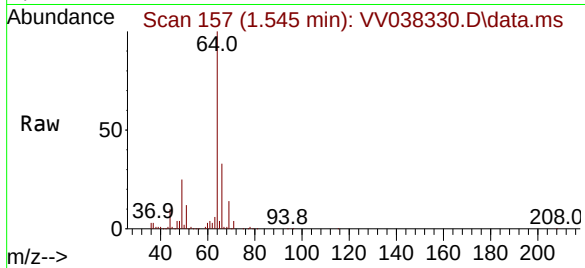




#8
Chloroethane
Concen: 5.097 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

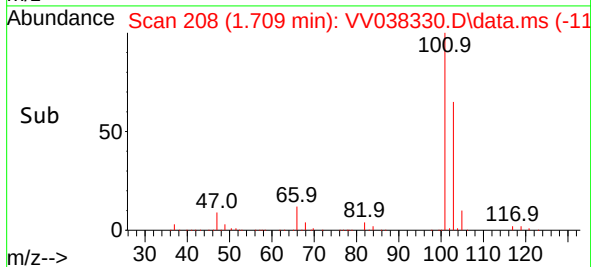
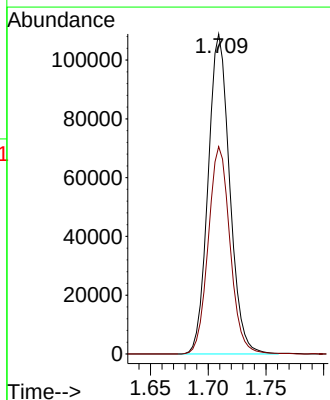
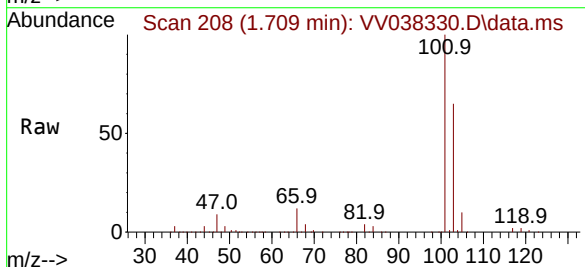
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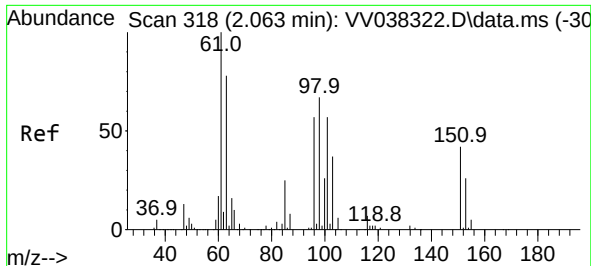
Tgt Ion: 64 Resp: 68526
Ion Ratio Lower Upper
64 100
66 33.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.716 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

Tgt Ion:101 Resp: 141605
Ion Ratio Lower Upper
101 100
103 65.3 51.5 77.3

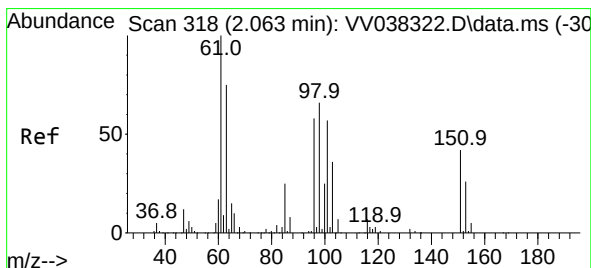
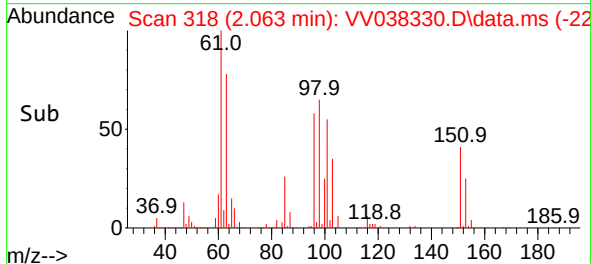
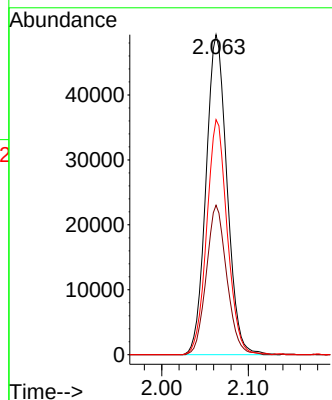
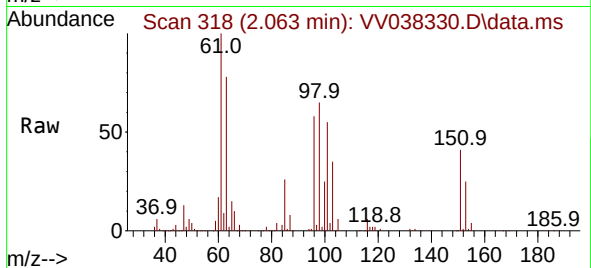




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.841 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038330.D
 Acq: 24 Nov 2024 14:26

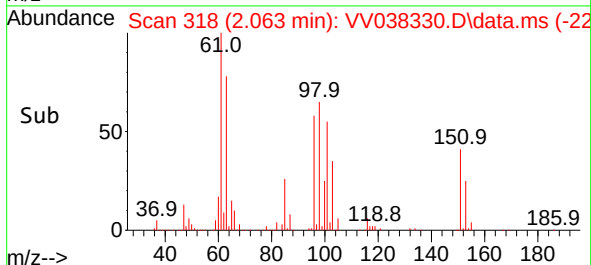
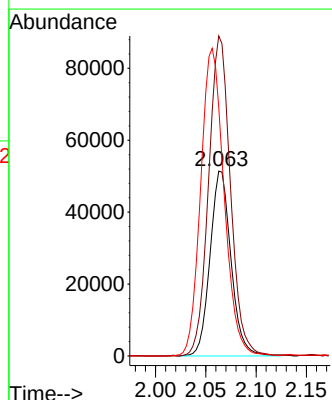
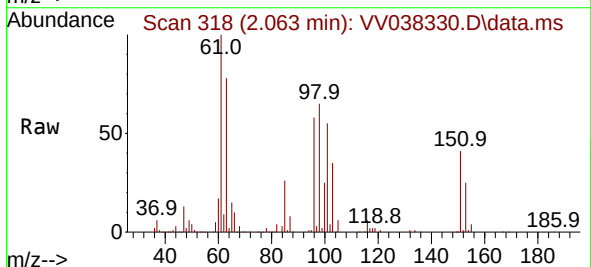
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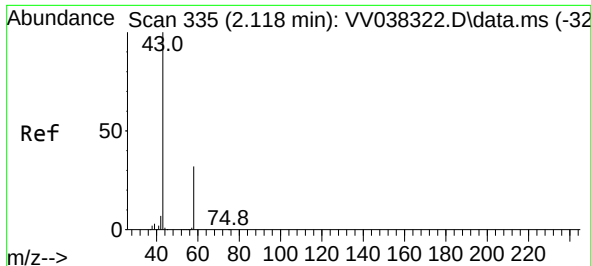
Tgt Ion:101 Resp: 82962
 Ion Ratio Lower Upper
 101 100
 85 45.5 33.4 50.0
 151 71.9 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 4.568 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038330.D
 Acq: 24 Nov 2024 14:26

Tgt Ion: 96 Resp: 74576
 Ion Ratio Lower Upper
 96 100
 61 173.2 115.7 214.9
 63 134.6 101.1 187.7





#13

Acetone

Concen: 52.087 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038330.D

Acq: 24 Nov 2024 14:26

Instrument :

MSVOA_V

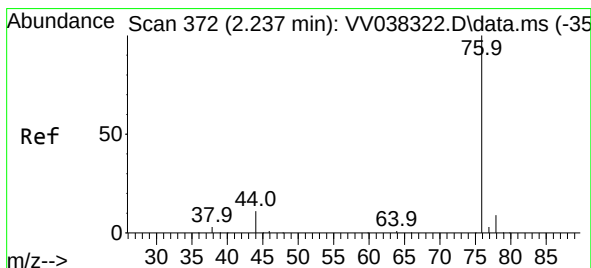
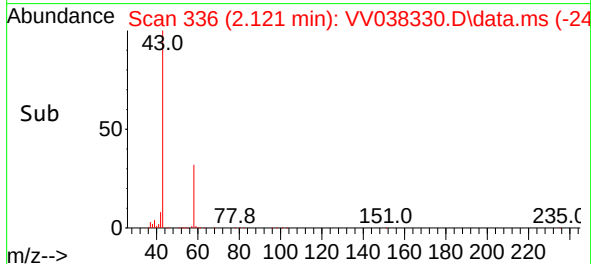
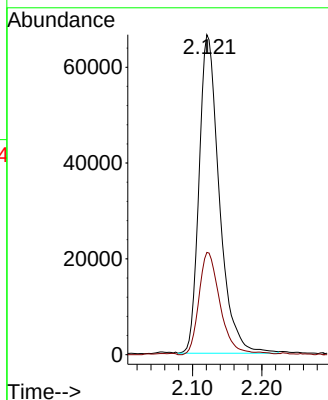
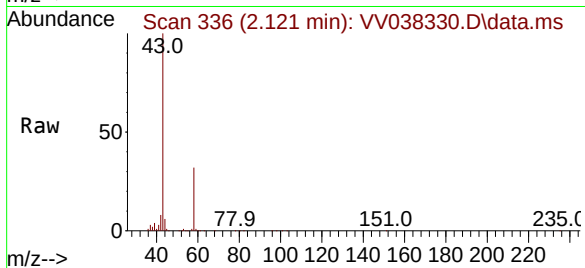
ClientSampleId :

Tgt Ion: 43 Resp: 135004

Ion Ratio Lower Upper

43 100

58 33.2 0.0 67.2



#14

Carbon disulfide

Concen: 4.397 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV038330.D

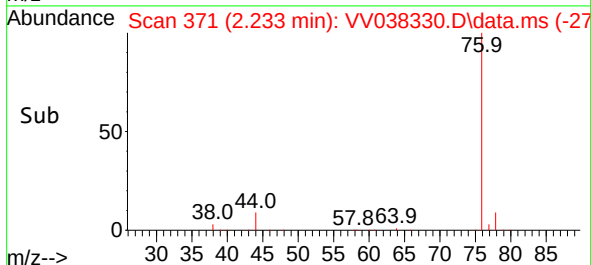
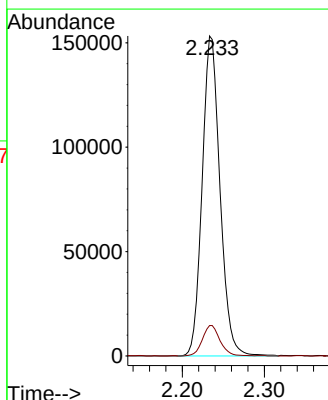
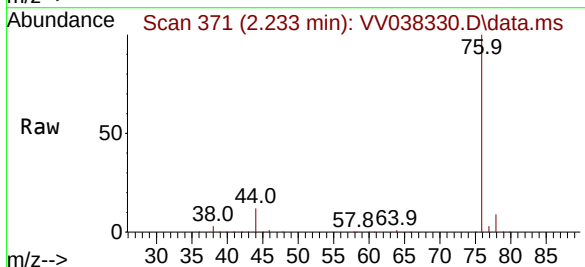
Acq: 24 Nov 2024 14:26

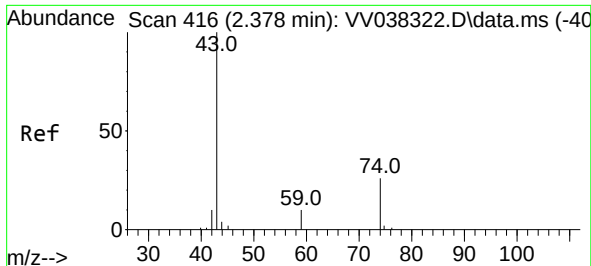
Tgt Ion: 76 Resp: 231202

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0

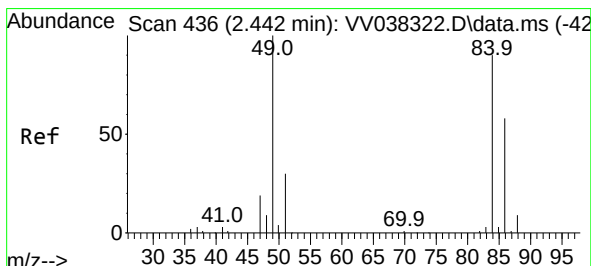
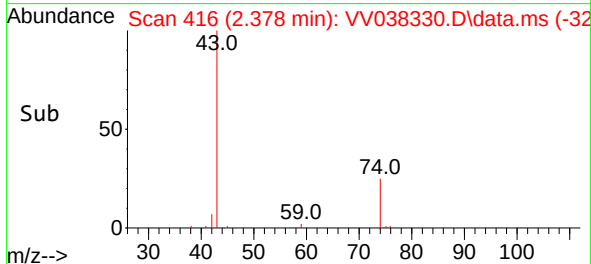
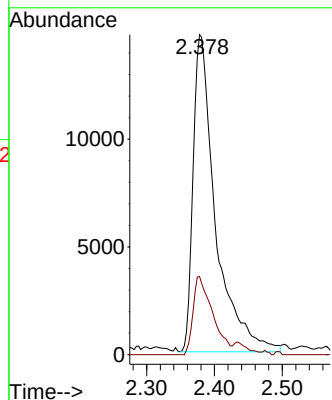
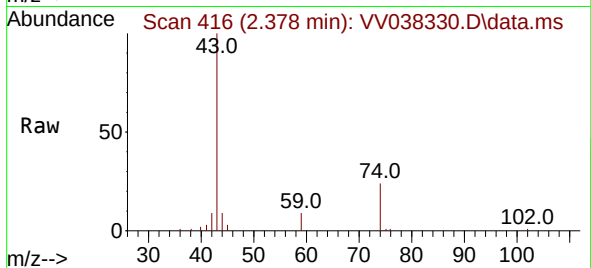




#15
Methyl Acetate
Concen: 5.361 ug/L
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

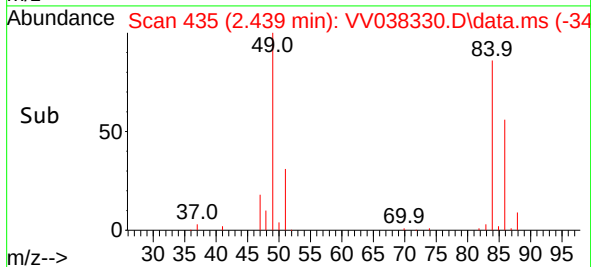
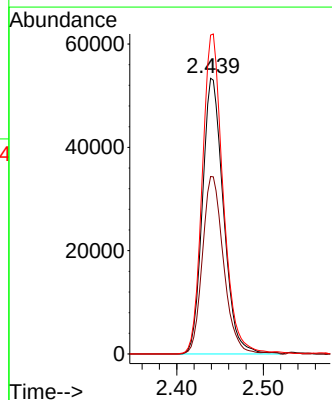
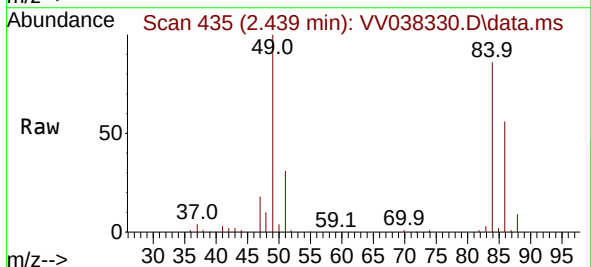
Instrument :
MSVOA_V
ClientSampleId :

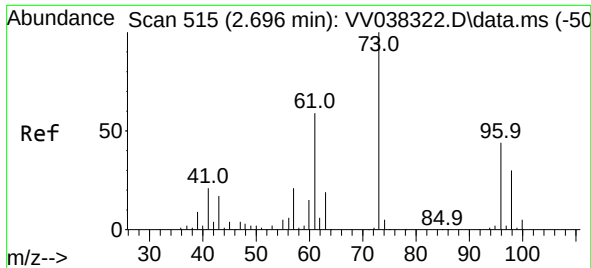
Tgt Ion: 43 Resp: 33747
Ion Ratio Lower Upper
43 100
74 21.6 22.4 33.6#



#16
Methylene chloride
Concen: 4.832 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

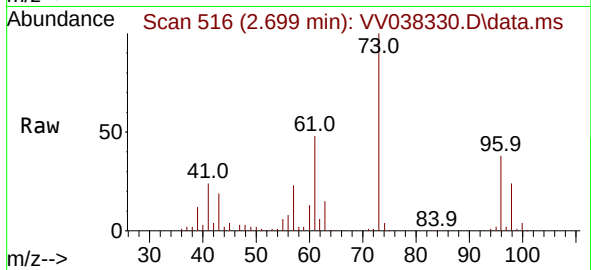
Tgt Ion: 84 Resp: 89952
Ion Ratio Lower Upper
84 100
86 64.4 44.2 82.2
49 115.7 74.9 139.1



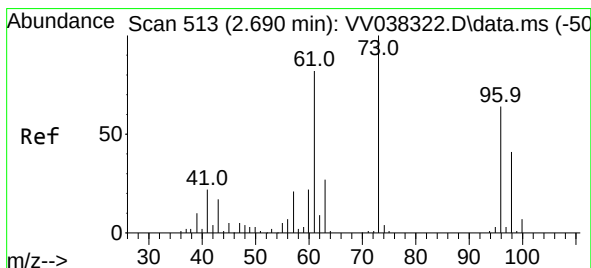
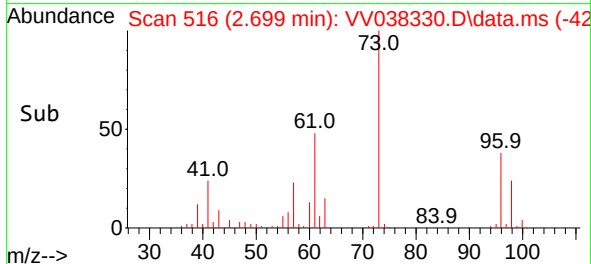
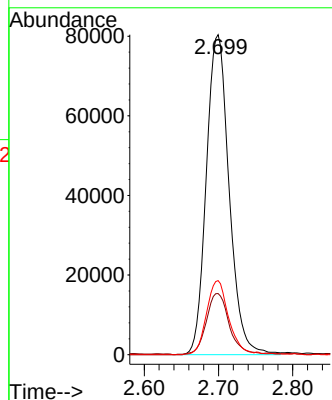


#17
Methyl tert-butyl Ether
Concen: 4.648 ug/L
RT: 2.699 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

Instrument :
MSVOA_V
ClientSampleId :

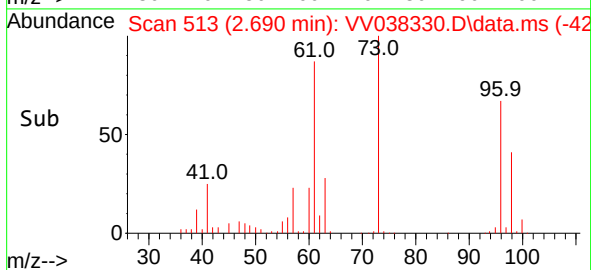
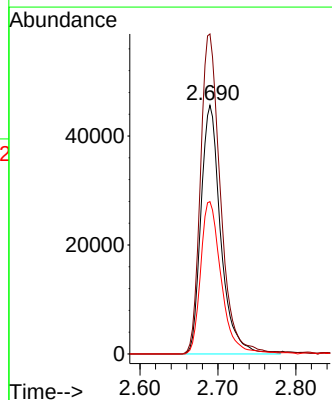
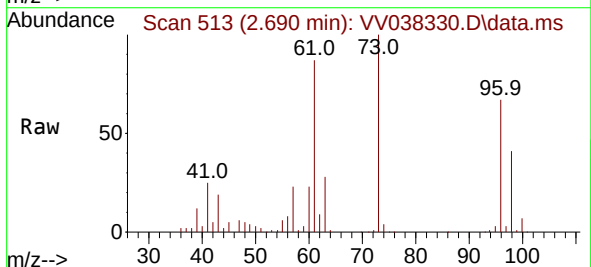


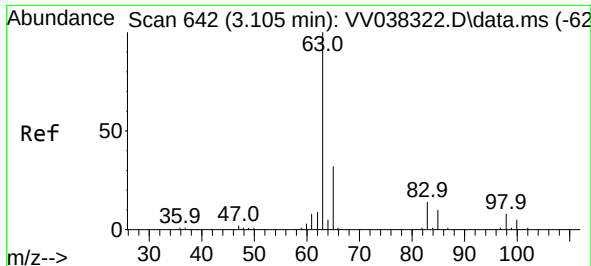
Tgt Ion: 73 Resp: 171571
Ion Ratio Lower Upper
73 100
43 19.3 14.2 21.2
57 22.3 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 4.681 ug/L
RT: 2.690 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

Tgt Ion: 96 Resp: 80496
Ion Ratio Lower Upper
96 100
61 128.7 88.5 164.4
98 61.3 43.9 81.5

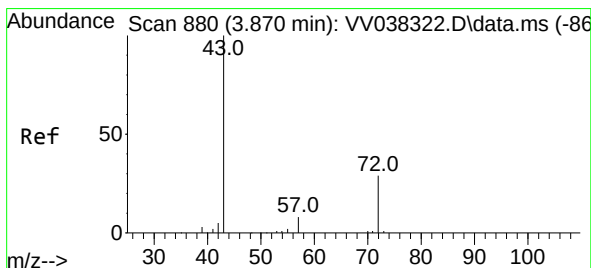
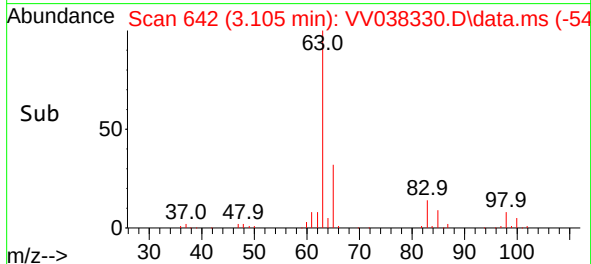
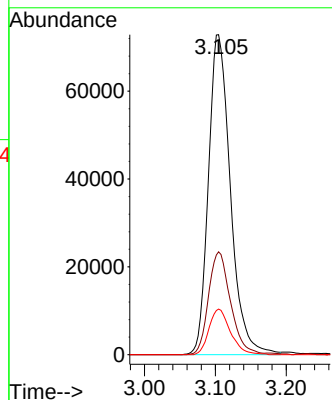
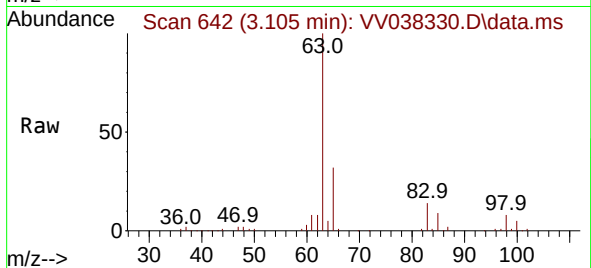




#19
1,1-Dichloroethane
Concen: 5.042 ug/L
RT: 3.105 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

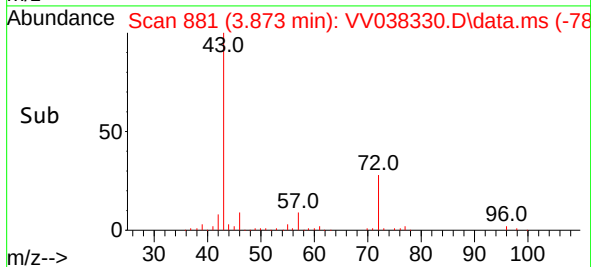
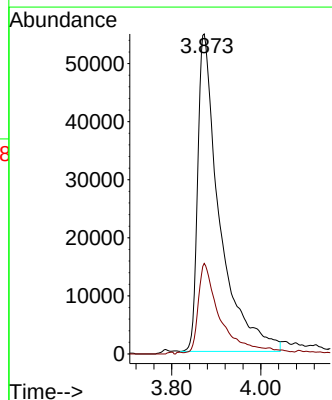
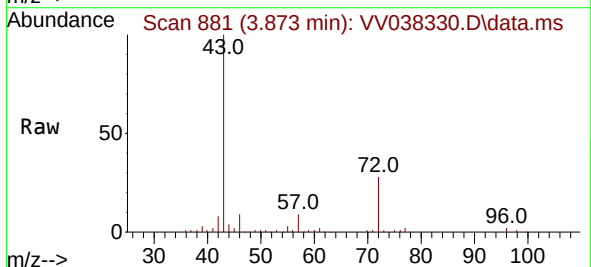
Instrument :
MSVOA_V
ClientSampleId :

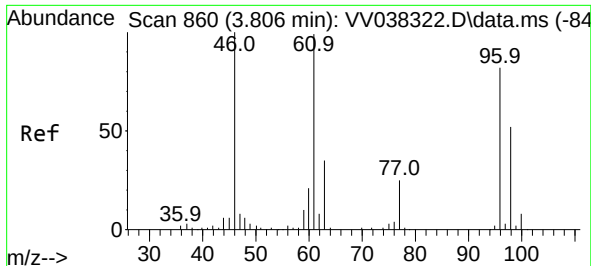
Tgt Ion: 63 Resp: 157407
Ion Ratio Lower Upper
63 100
65 32.1 22.5 41.7
83 14.3 10.1 18.9



#21
2-Butanone
Concen: 50.149 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.003 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

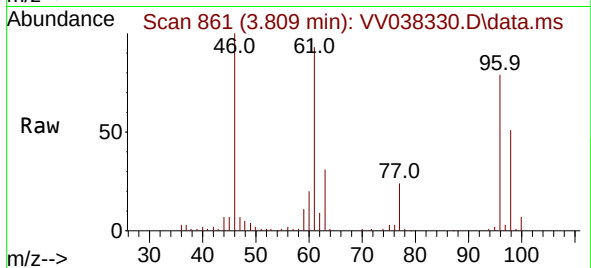
Tgt Ion: 43 Resp: 186552
Ion Ratio Lower Upper
43 100
72 26.8 13.0 39.0





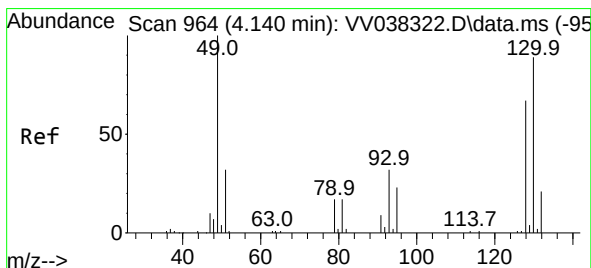
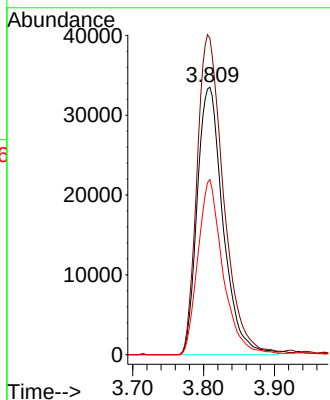
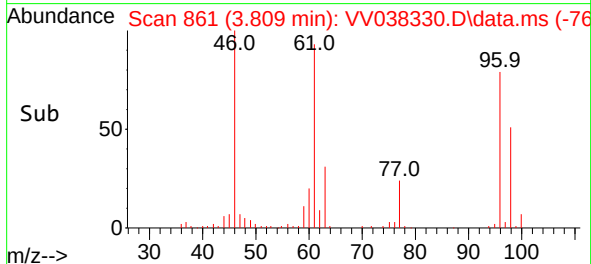
#22
 cis-1,2-Dichloroethene
 Concen: 4.768 ug/L
 RT: 3.809 min Scan# 860
 Delta R.T. 0.003 min
 Lab File: VV038330.D
 Acq: 24 Nov 2024 14:26

Instrument :
 MSVOA_V
 ClientSampleId :

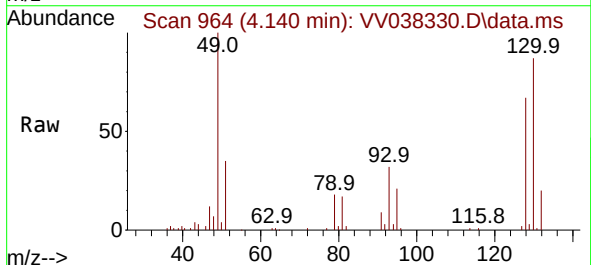


Tgt Ion: 96 Resp: 84782

Ion	Ratio	Lower	Upper
96	100		
61	118.3	82.7	153.5
98	65.4	46.3	85.9

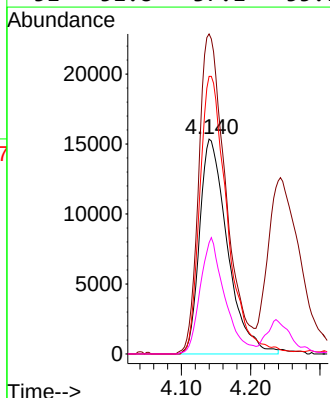
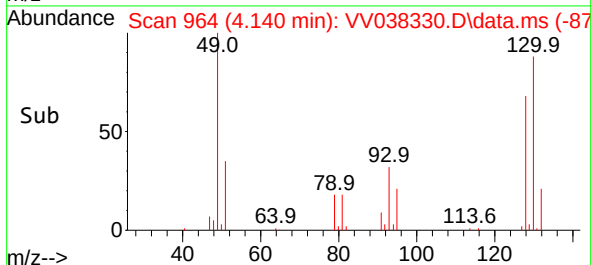


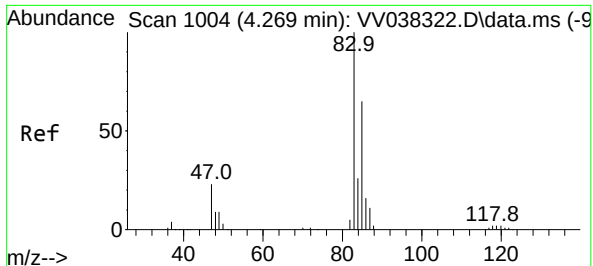
#23
 Bromochloromethane
 Concen: 4.932 ug/L
 RT: 4.140 min Scan# 964
 Delta R.T. -0.000 min
 Lab File: VV038330.D
 Acq: 24 Nov 2024 14:26



Tgt Ion: 128 Resp: 42815

Ion	Ratio	Lower	Upper
128	100		
49	148.9	102.8	190.8
130	129.2	93.6	173.8
51	51.8	37.1	55.7





#25

Chloroform

Concen: 5.047 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VV038330.D

Acq: 24 Nov 2024 14:26

Instrument :

MSVOA_V

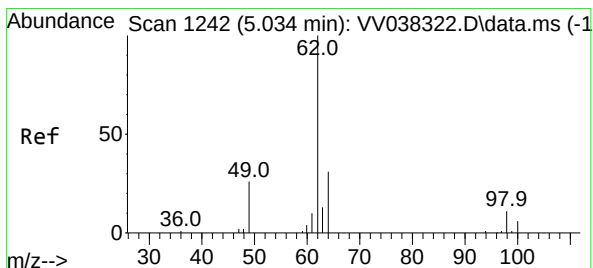
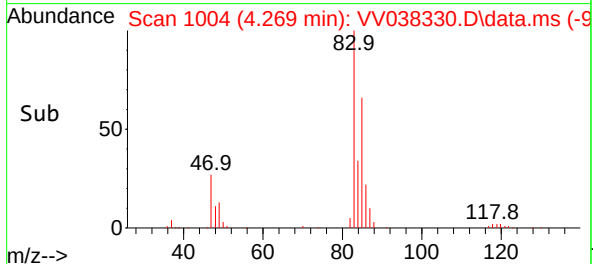
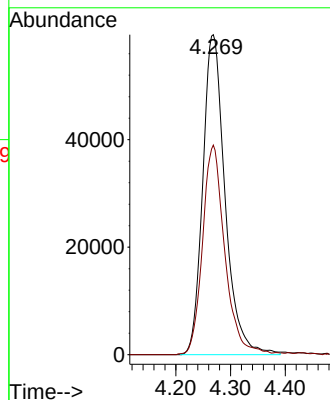
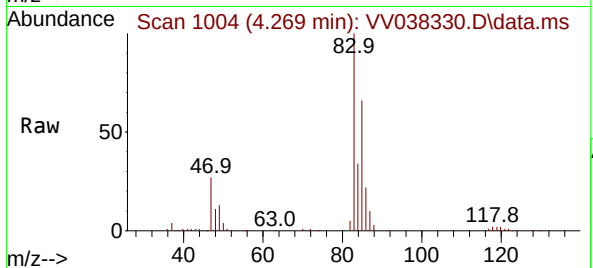
ClientSampleId :

Tgt Ion: 83 Resp: 168566

Ion Ratio Lower Upper

83 100

85 65.5 46.5 86.3



#27

1,2-Dichloroethane

Concen: 5.246 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV038330.D

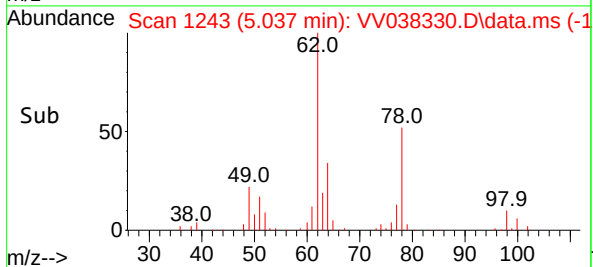
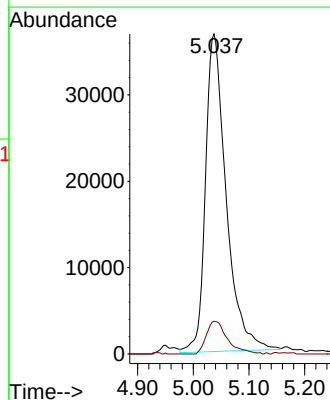
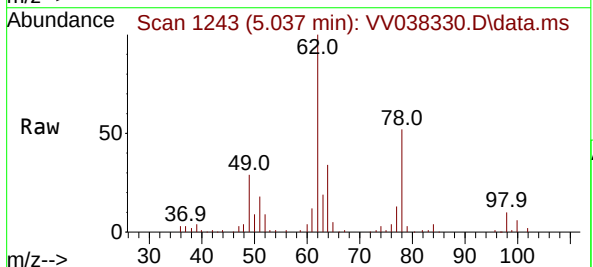
Acq: 24 Nov 2024 14:26

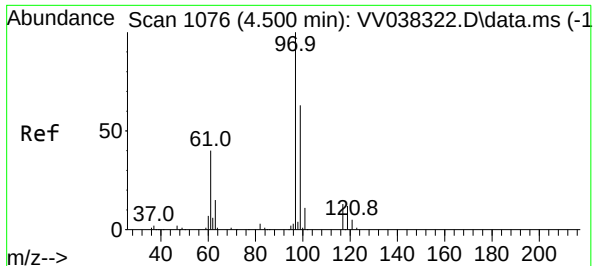
Tgt Ion: 62 Resp: 95321

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.769 ug/L

RT: 4.503 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV038330.D

Acq: 24 Nov 2024 14:26

Instrument :

MSVOA_V

ClientSampleId :

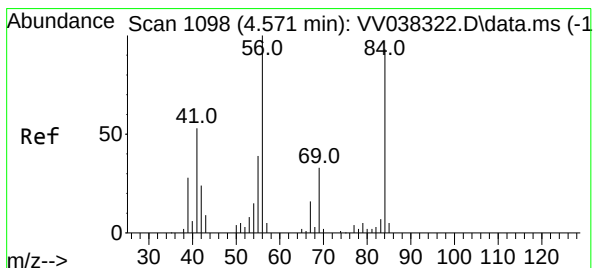
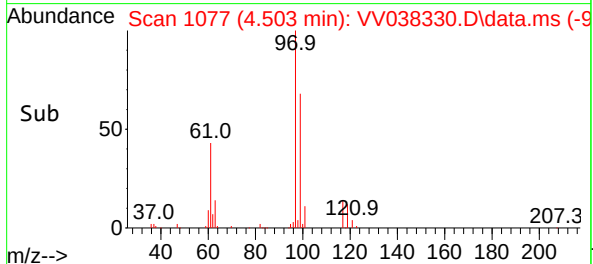
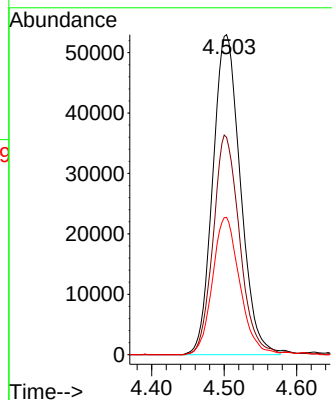
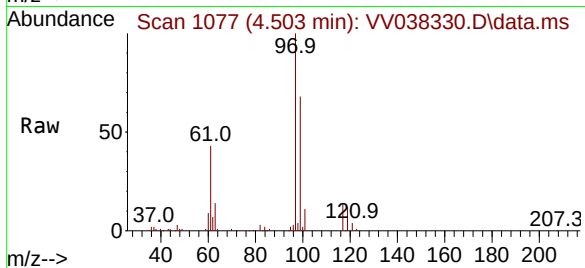
Tgt Ion: 97 Resp: 140262

Ion Ratio Lower Upper

97 100

99 65.7 51.8 77.8

61 42.4 32.2 48.2



#30

Cyclohexane

Concen: 4.516 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VV038330.D

Acq: 24 Nov 2024 14:26

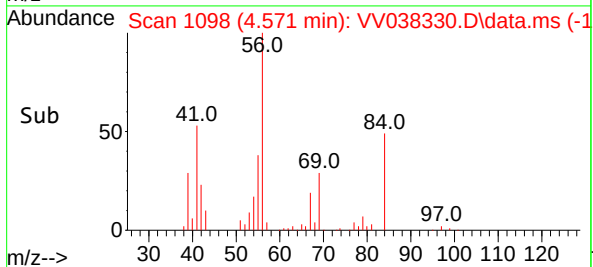
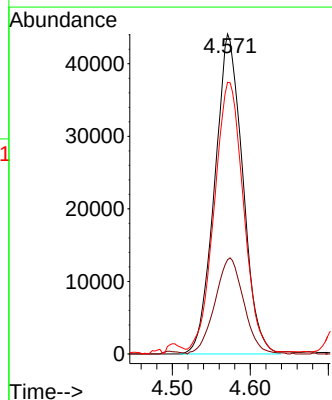
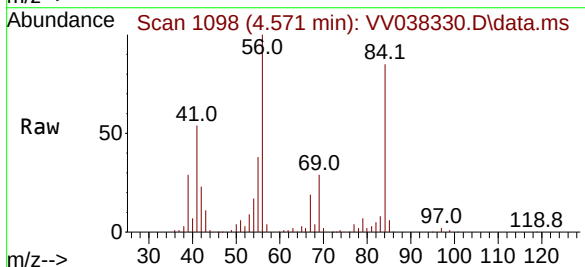
Tgt Ion: 56 Resp: 110142

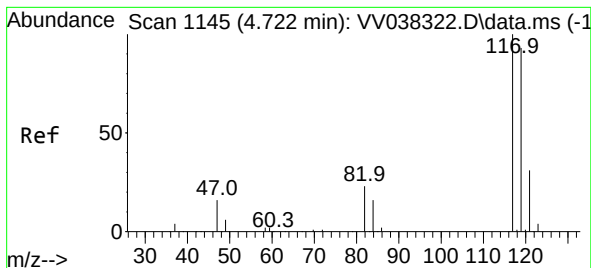
Ion Ratio Lower Upper

56 100

69 30.8 26.0 39.0

84 87.6 75.6 113.4





#31

Carbon tetrachloride

Concen: 4.781 ug/L

RT: 4.725 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VV038330.D

Acq: 24 Nov 2024 14:26

Instrument :

MSVOA_V

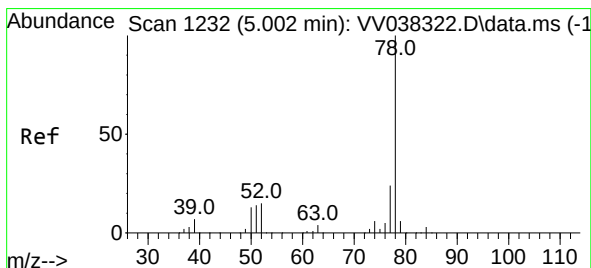
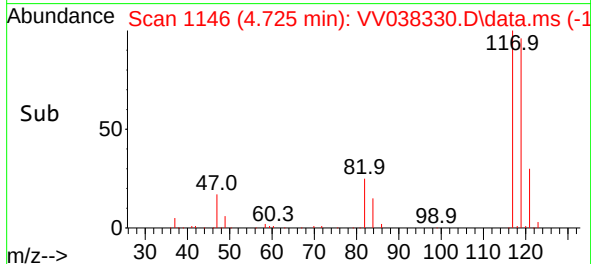
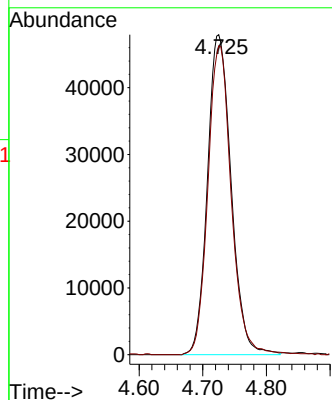
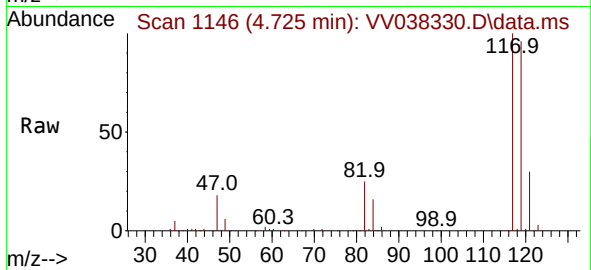
ClientSampleId :

Tgt Ion:117 Resp: 124042

Ion Ratio Lower Upper

117 100

119 95.1 77.4 116.2



#33

Benzene

Concen: 4.908 ug/L

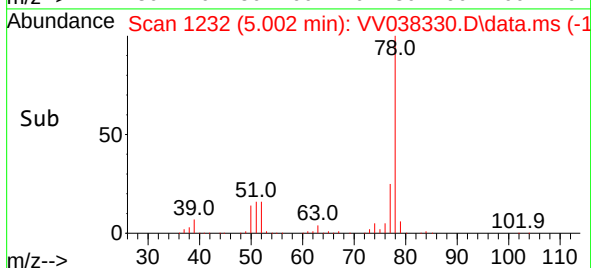
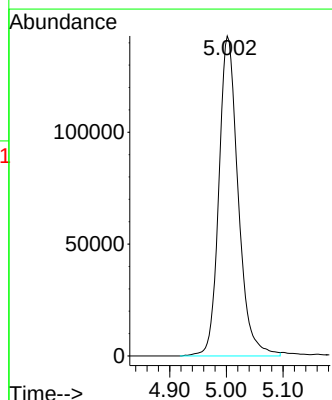
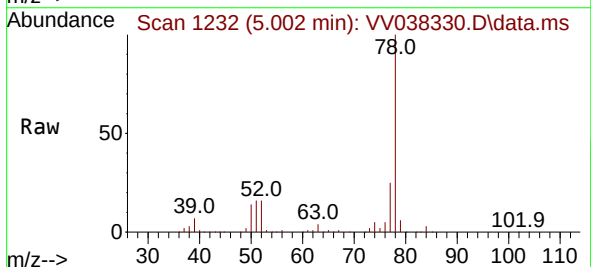
RT: 5.002 min Scan# 1232

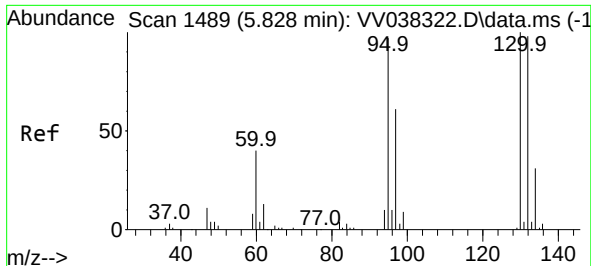
Delta R.T. -0.000 min

Lab File: VV038330.D

Acq: 24 Nov 2024 14:26

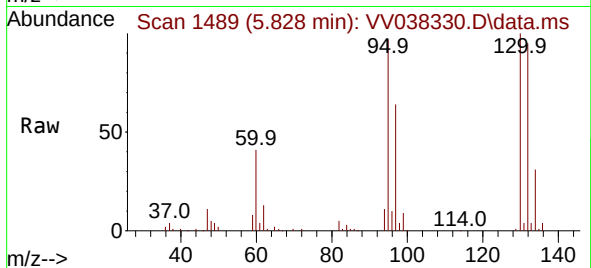
Tgt Ion: 78 Resp: 338013



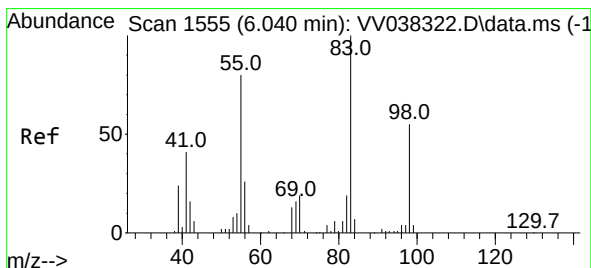
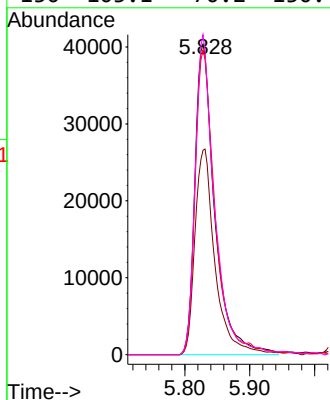
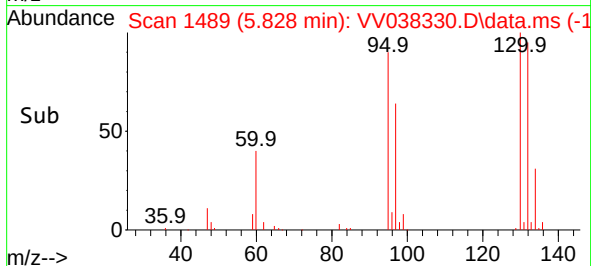


#34
Trichloroethene
Concen: 4.601 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

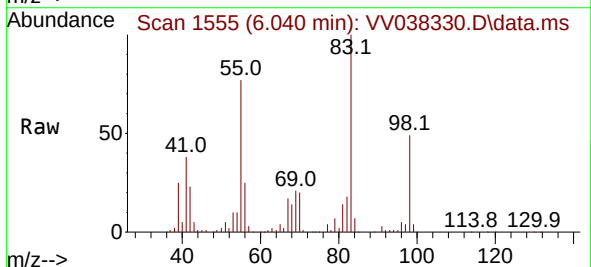
Instrument :
MSVOA_V
ClientSampleId :



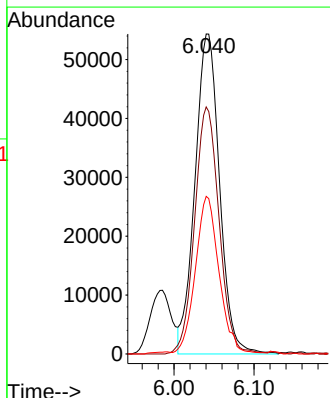
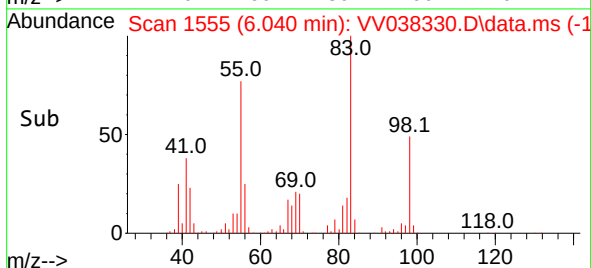
Tgt Ion: 95 Resp: 86386
Ion Ratio Lower Upper
95 100
97 65.9 44.8 83.2
132 98.1 68.3 126.8
130 103.1 70.2 130.4

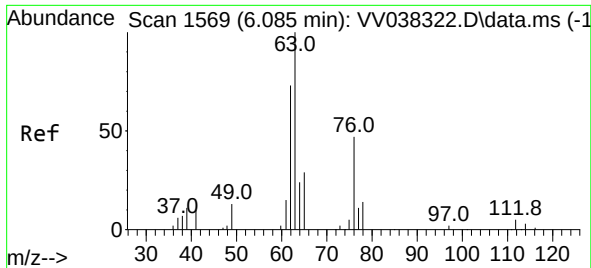


#35
Methylcyclohexane
Concen: 4.389 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26



Tgt Ion: 83 Resp: 116576
Ion Ratio Lower Upper
83 100
55 76.6 59.7 89.5
98 46.4 39.0 58.4

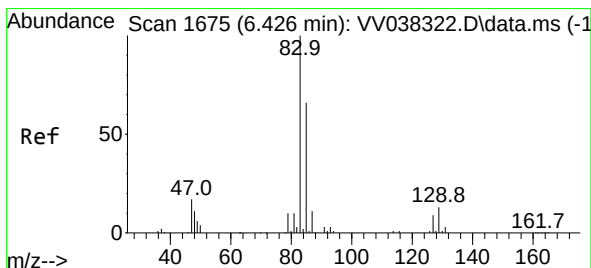
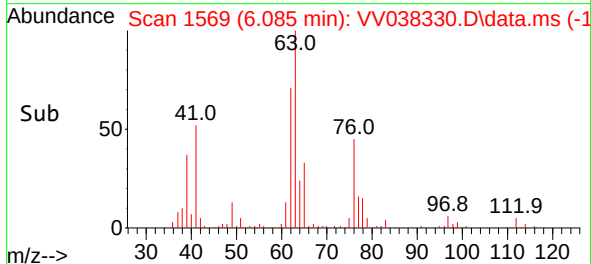
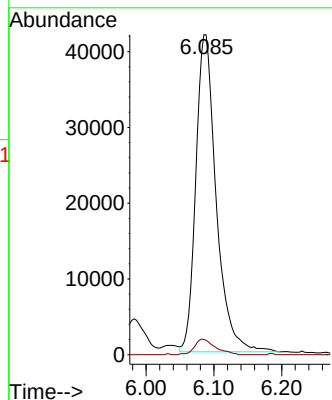
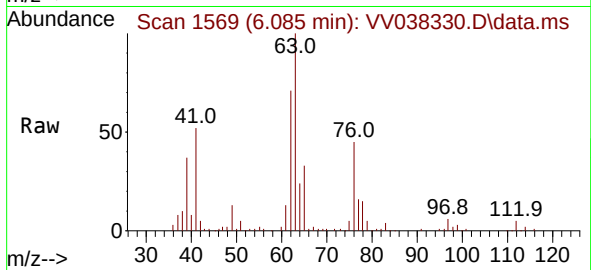




#37
1,2-Dichloropropane
Concen: 5.069 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

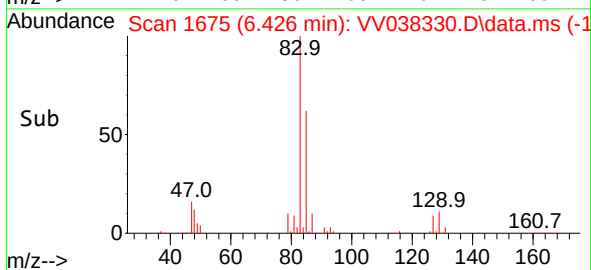
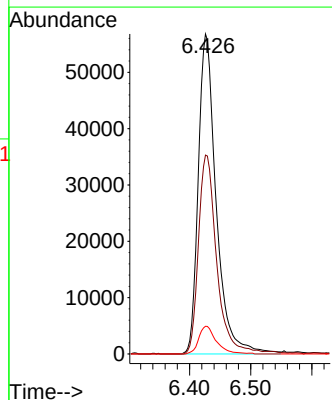
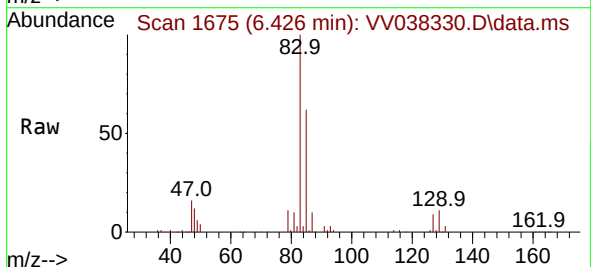
Instrument :
MSVOA_V
ClientSampleId :

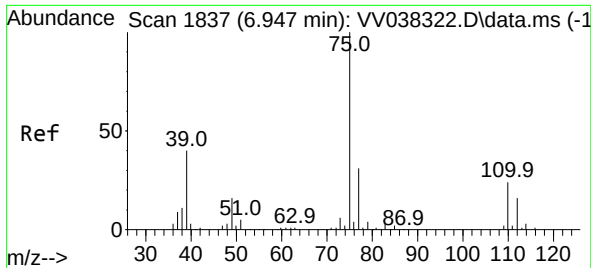
Tgt Ion: 63 Resp: 87446
Ion Ratio Lower Upper
63 100
112 5.0 3.9 5.9



#38
Bromodichloromethane
Concen: 4.996 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

Tgt Ion: 83 Resp: 115846
Ion Ratio Lower Upper
83 100
85 62.1 43.9 81.5
127 8.6 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.682 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038330.D

Acq: 24 Nov 2024 14:26

Instrument :

MSVOA_V

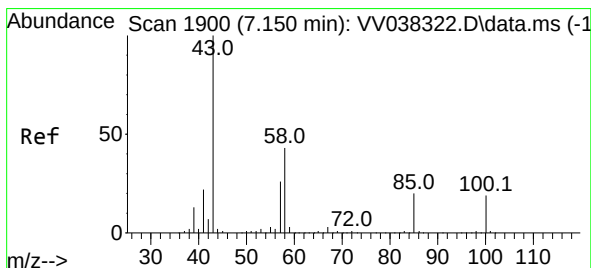
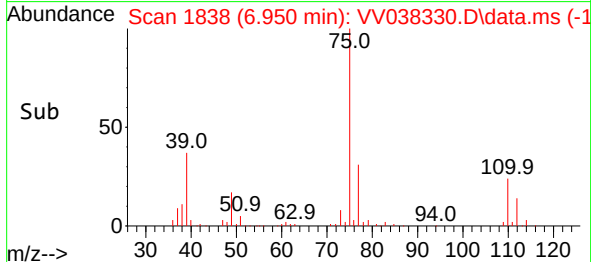
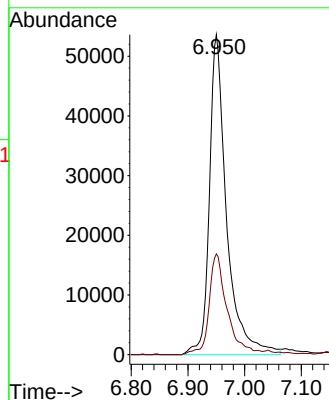
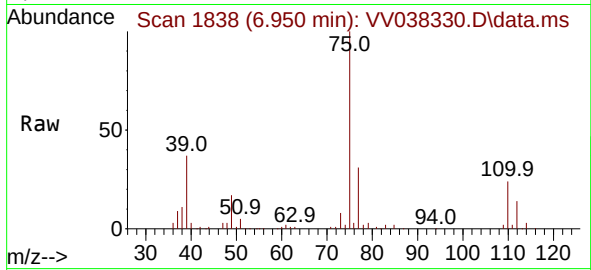
ClientSampleId :

Tgt Ion: 75 Resp: 112761

Ion Ratio Lower Upper

75 100

77 31.5 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 52.590 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VV038330.D

Acq: 24 Nov 2024 14:26

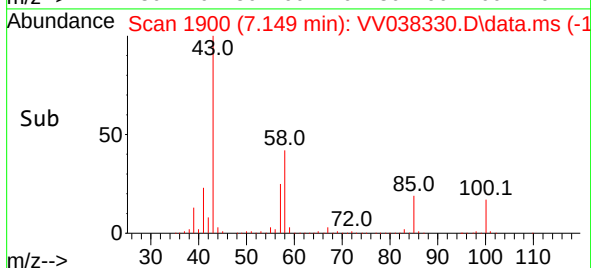
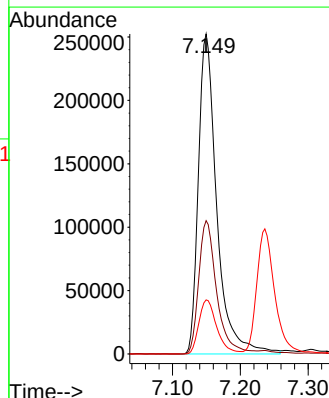
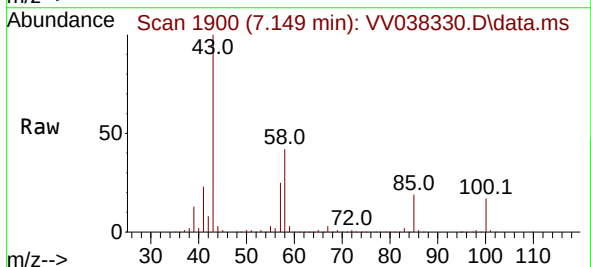
Tgt Ion: 43 Resp: 474872

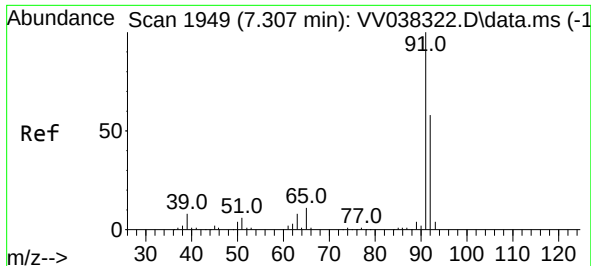
Ion Ratio Lower Upper

43 100

58 40.9 33.4 50.2

100 16.5 14.3 21.5





#42

Toluene

Concen: 4.984 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV038330.D

Acq: 24 Nov 2024 14:26

Instrument :

MSVOA_V

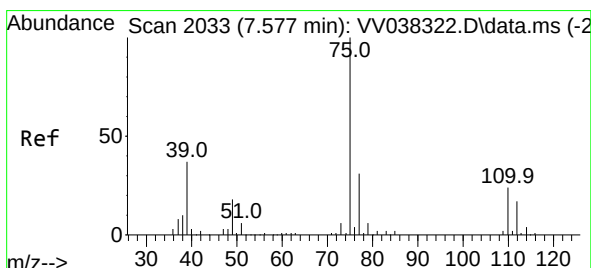
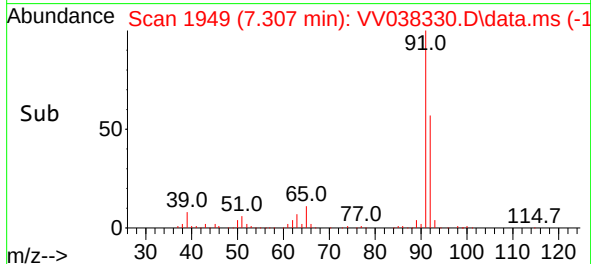
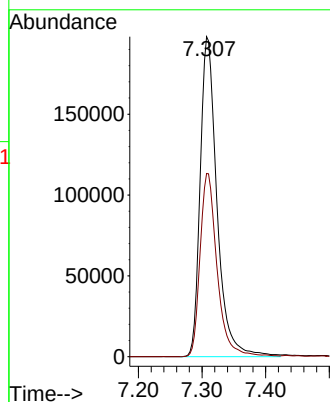
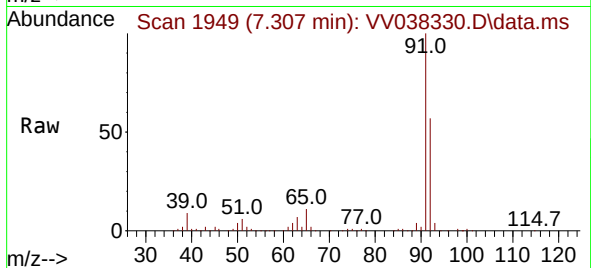
ClientSampleId :

Tgt Ion: 91 Resp: 363563

Ion Ratio Lower Upper

91 100

92 57.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.010 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV038330.D

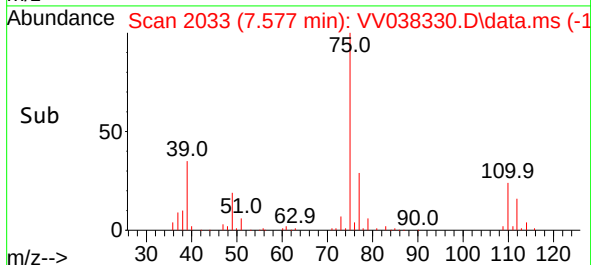
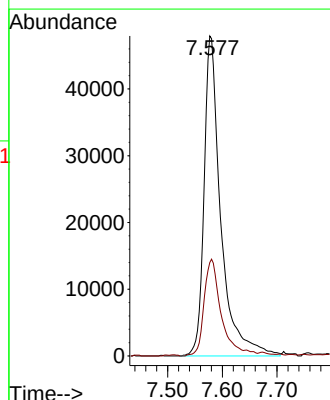
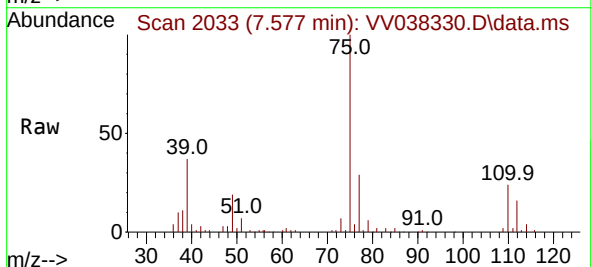
Acq: 24 Nov 2024 14:26

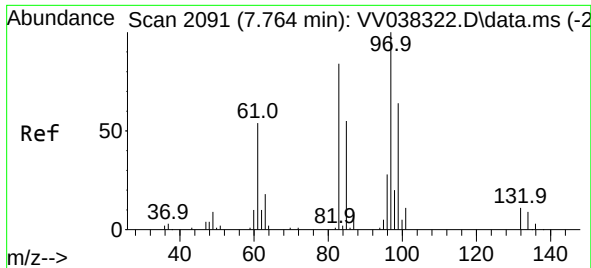
Tgt Ion: 75 Resp: 101930

Ion Ratio Lower Upper

75 100

77 29.2 23.4 43.4

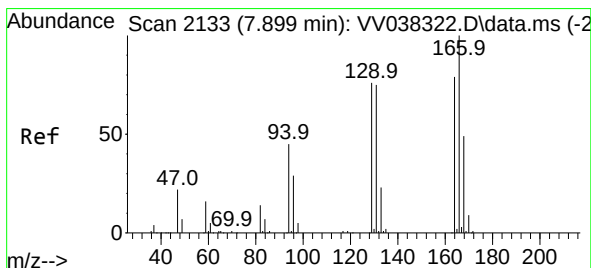
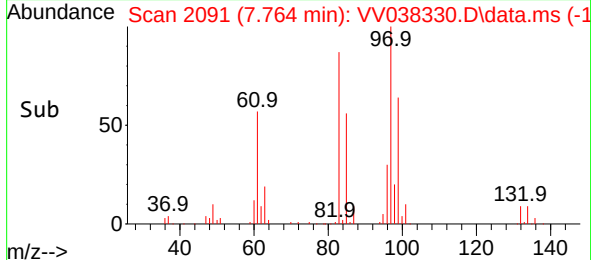
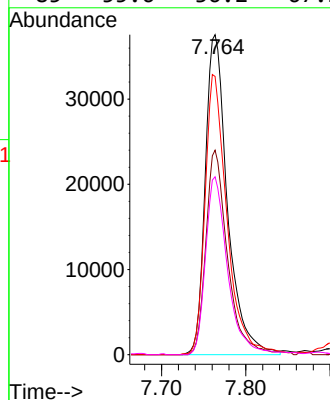
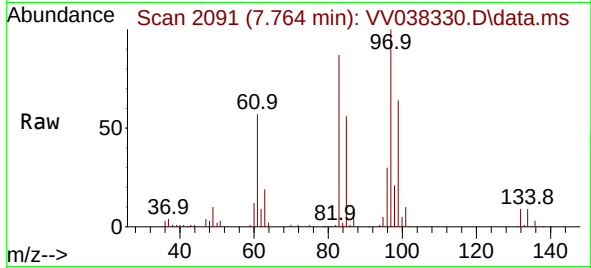




#45
1,1,2-Trichloroethane
Concen: 4.942 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

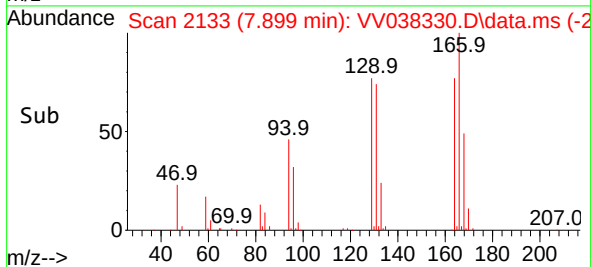
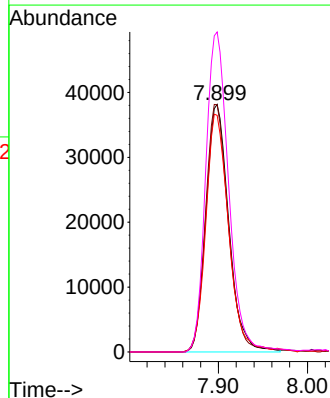
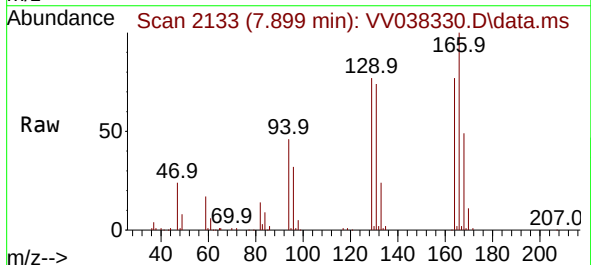
Instrument :
MSVOA_V
ClientSampleId :

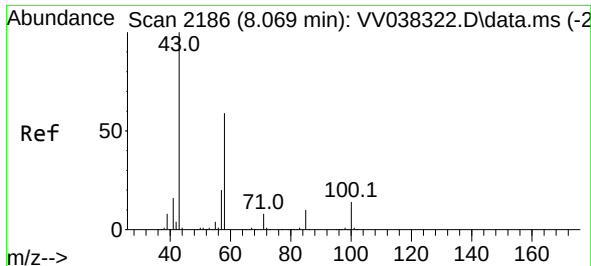
Tgt Ion: 97	Resp: 69149
Ion Ratio	Lower Upper
97 100	
99 63.9	41.9 77.7
83 86.9	57.7 107.1
85 55.6	36.2 67.2



#47
Tetrachloroethene
Concen: 4.511 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

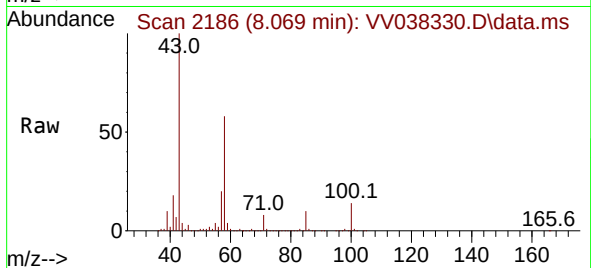
Tgt	Ion:164	Resp:	68063
Ion	Ratio	Lower	Upper
164	100		
129	99.9	68.5	127.1
131	95.6	64.8	120.4
166	129.3	88.3	163.9



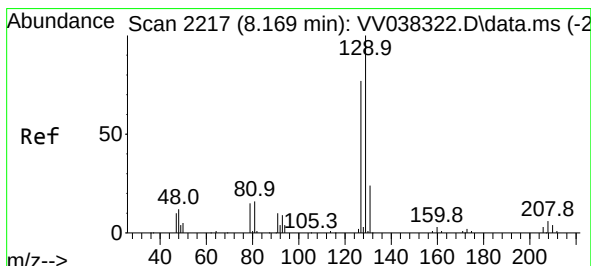
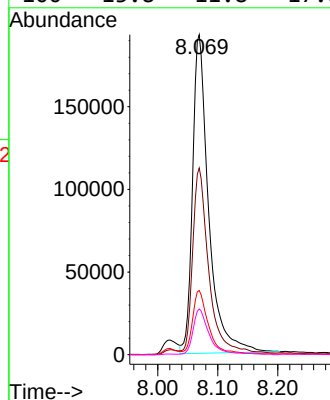
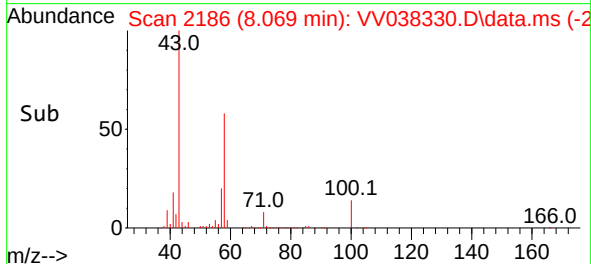


#48
2-Hexanone
Concen: 55.096 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

Instrument :
MSVOA_V
ClientSampleId :

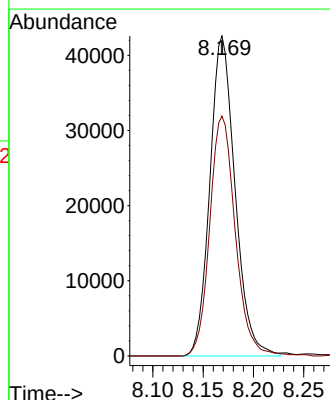
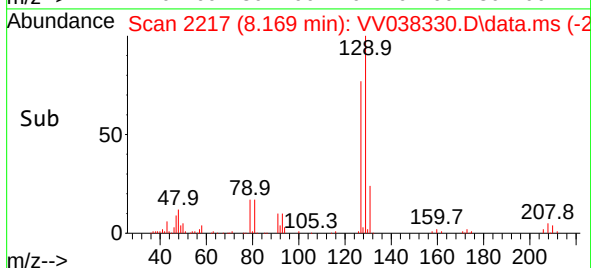
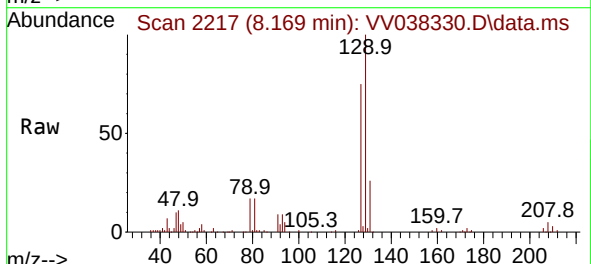


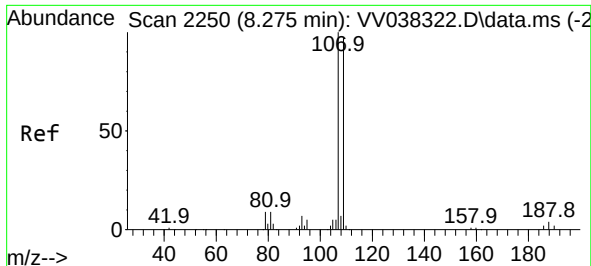
Tgt Ion: 43 Resp: 360767
Ion Ratio Lower Upper
43 100
58 58.1 49.2 73.8
57 19.2 16.9 25.3
100 13.8 11.8 17.8



#49
Dibromochloromethane
Concen: 4.870 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

Tgt Ion: 129 Resp: 74286
Ion Ratio Lower Upper
129 100
127 75.0 53.5 99.3





#50

1,2-Dibromoethane

Concen: 4.900 ug/L

RT: 8.275 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV038330.D

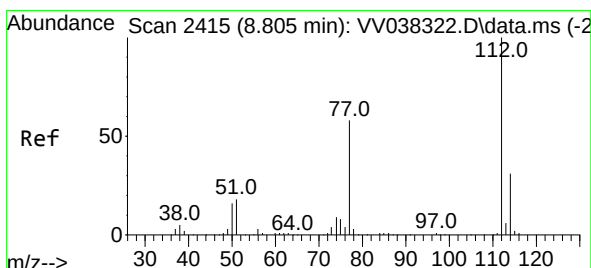
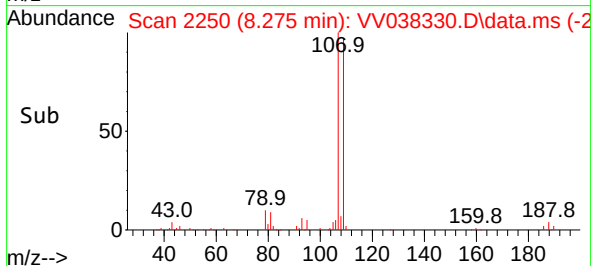
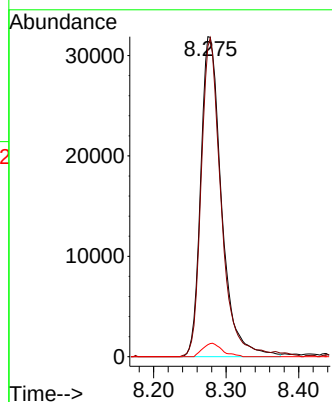
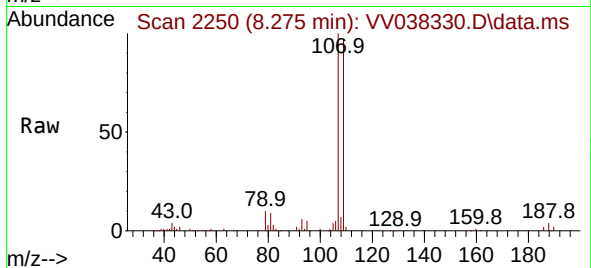
Acq: 24 Nov 2024 14:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	63557
Ion	Ratio	Lower Upper
107	100	
109	96.9	66.1 122.7
188	3.8	2.6 3.8



#51

Chlorobenzene

Concen: 4.677 ug/L

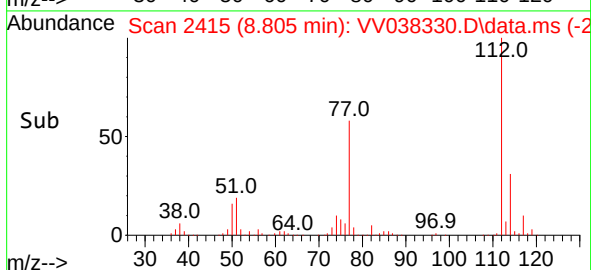
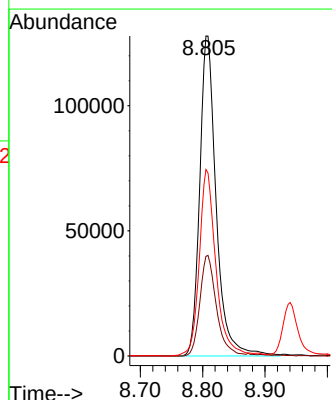
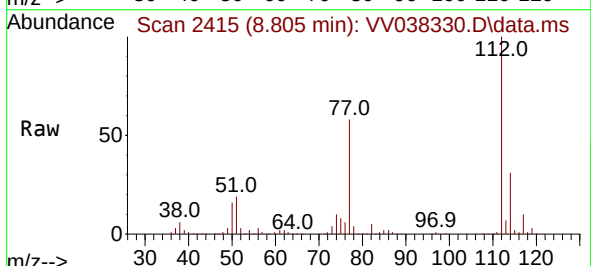
RT: 8.805 min Scan# 2415

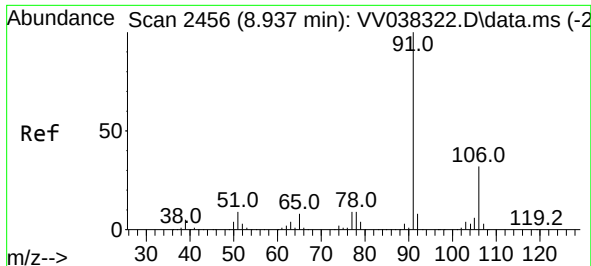
Delta R.T. -0.000 min

Lab File: VV038330.D

Acq: 24 Nov 2024 14:26

Tgt Ion:112	Resp:	235034
Ion	Ratio	Lower Upper
112	100	
114	31.1	22.0 40.8
77	58.2	45.0 67.4

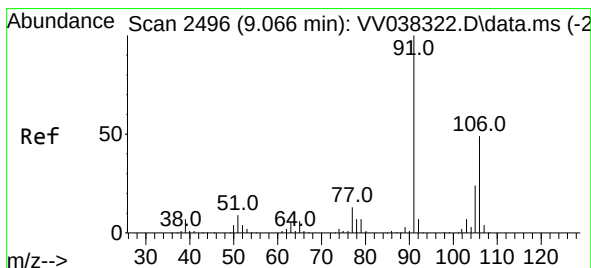
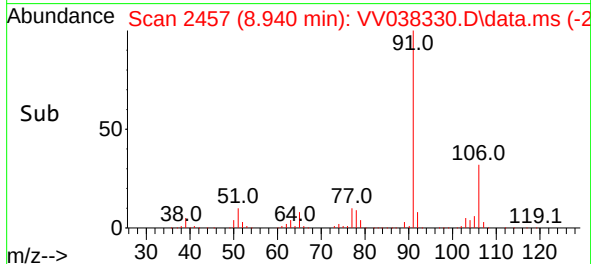
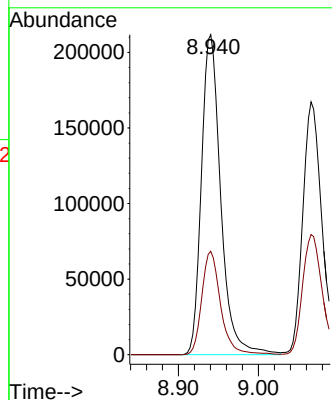
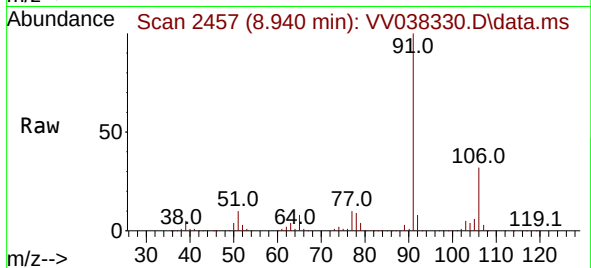




#52
Ethylbenzene
Concen: 4.608 ug/L
RT: 8.940 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

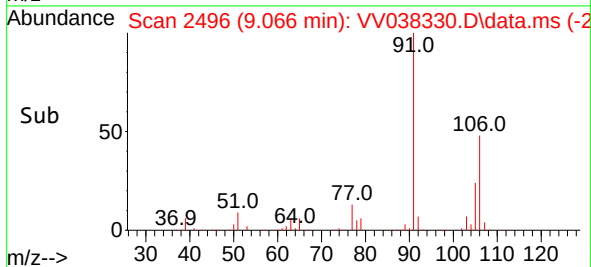
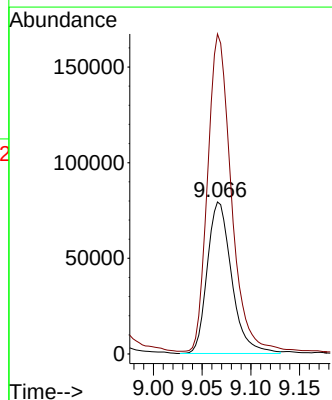
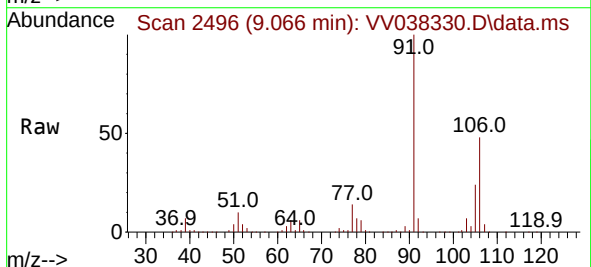
Instrument :
MSVOA_V
ClientSampleId :

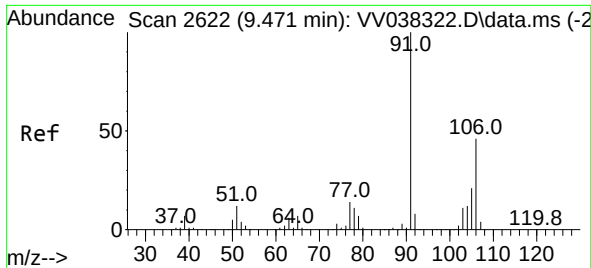
Tgt Ion: 91 Resp: 356607
Ion Ratio Lower Upper
91 100
106 32.3 21.8 40.4



#53
m,p-Xylene
Concen: 4.713 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

Tgt Ion: 106 Resp: 137620
Ion Ratio Lower Upper
106 100
91 210.5 138.7 257.5

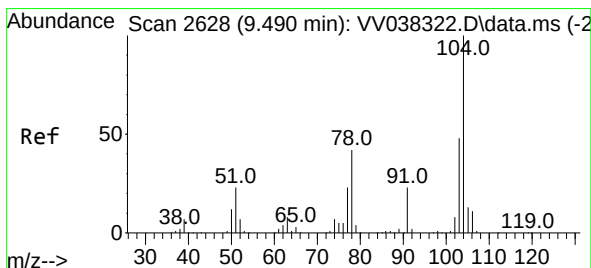
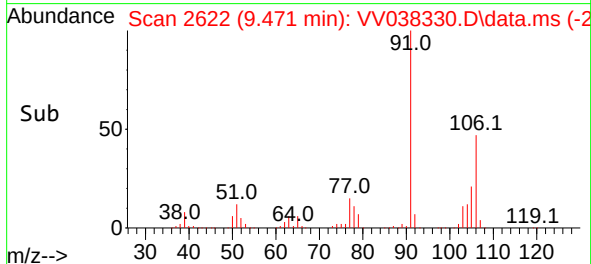
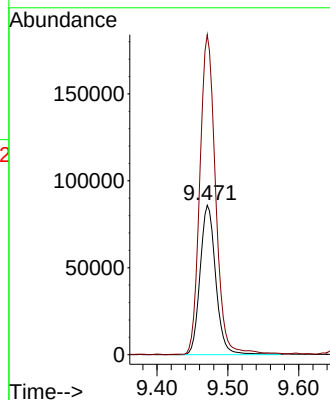
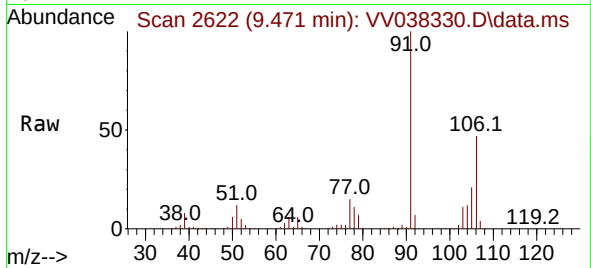




#54
o-Xylene
Concen: 4.636 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

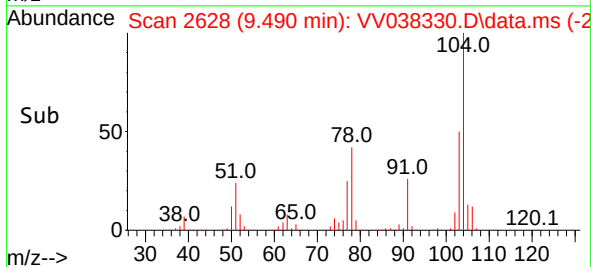
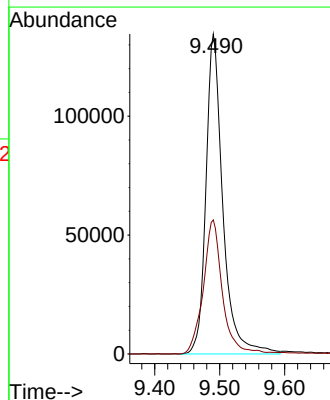
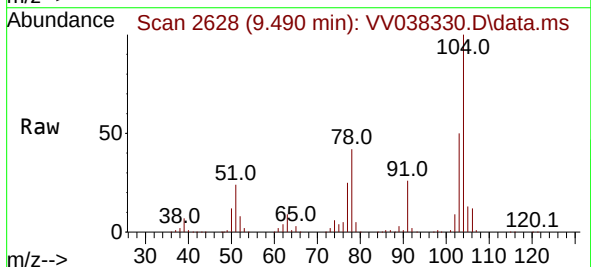
Instrument :
MSVOA_V
ClientSampleId :

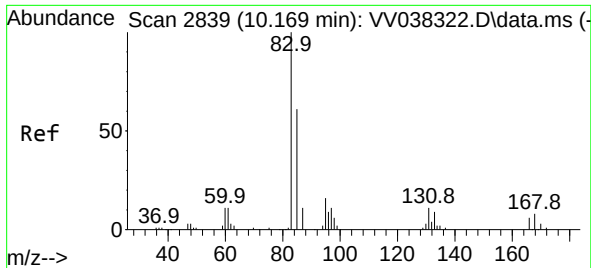
Tgt Ion:106 Resp: 131798
Ion Ratio Lower Upper
106 100
91 214.1 155.5 288.7



#55
Styrene
Concen: 4.865 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

Tgt Ion:104 Resp: 243831
Ion Ratio Lower Upper
104 100
78 41.9 29.7 55.1

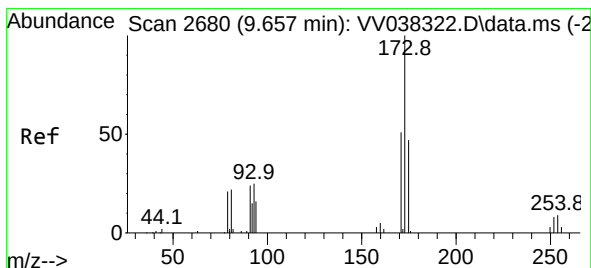
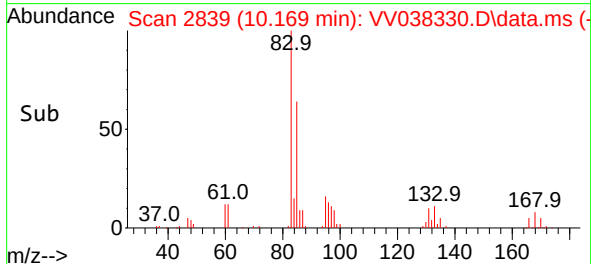
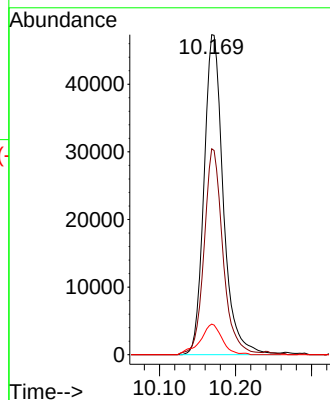
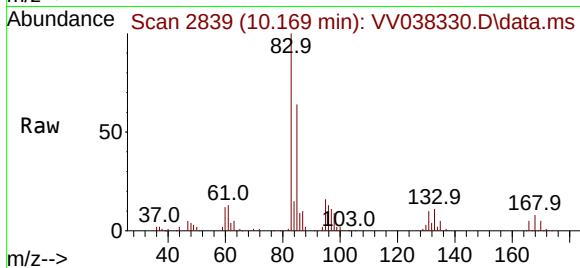




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.095 ug/L
 RT: 10.169 min Scan# 2839
 Delta R.T. -0.000 min
 Lab File: VV038330.D
 Acq: 24 Nov 2024 14:26

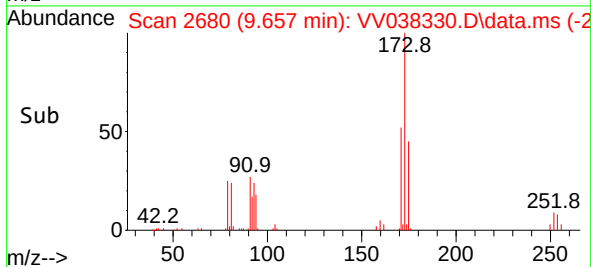
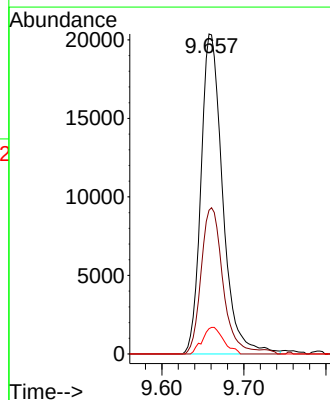
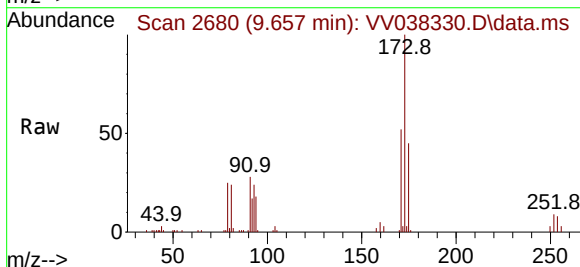
Instrument :
 MSVOA_V
 ClientSampleId :

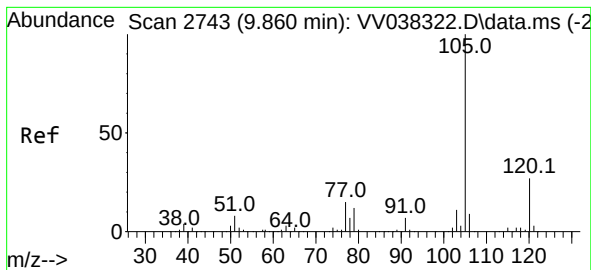
Tgt Ion:	83	Resp:	83351
Ion Ratio	Lower	Upper	
83	100		
85	64.4	45.7	84.9
131	9.5	8.2	12.4



#59
 Bromoform
 Concen: 4.833 ug/L
 RT: 9.657 min Scan# 2680
 Delta R.T. -0.000 min
 Lab File: VV038330.D
 Acq: 24 Nov 2024 14:26

Tgt Ion:	173	Resp:	37386
Ion Ratio	Lower	Upper	
173	100		
175	45.9	38.5	57.7
254	8.1	6.9	10.3





#60

Isopropylbenzene

Concen: 4.650 ug/L

RT: 9.860 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV038330.D

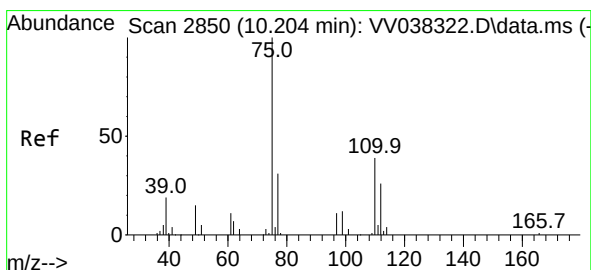
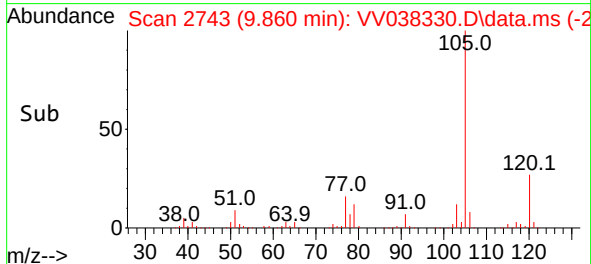
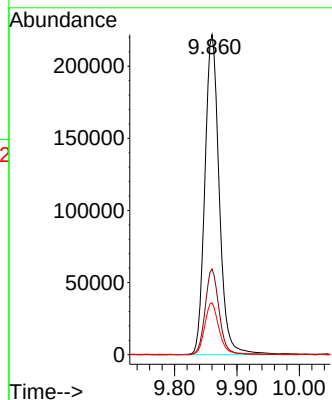
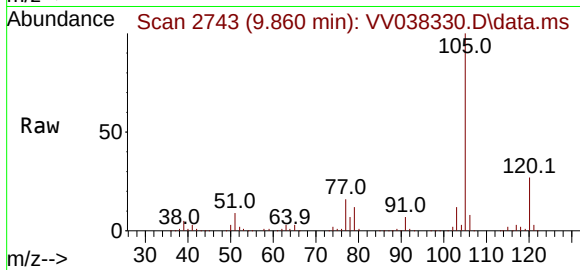
Acq: 24 Nov 2024 14:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	105	Resp:	355960
Ion Ratio	Lower	Upper	
105	100		
120	25.9	20.8	31.2
77	16.1	12.2	18.2



#61

1,2,3-Trichloropropane

Concen: 4.975 ug/L

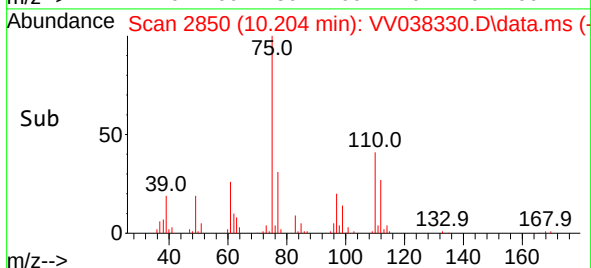
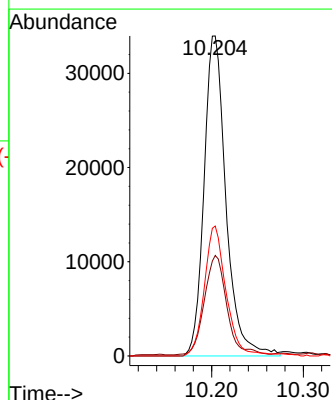
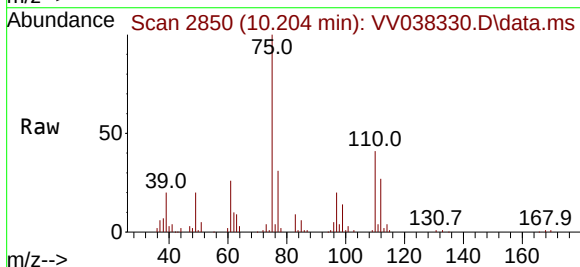
RT: 10.204 min Scan# 2850

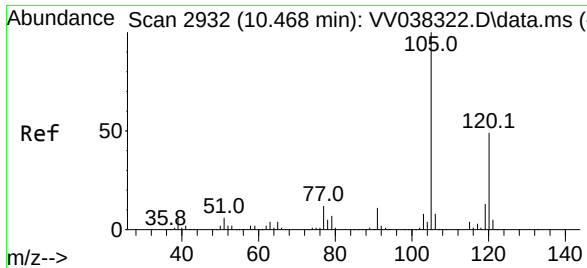
Delta R.T. -0.000 min

Lab File: VV038330.D

Acq: 24 Nov 2024 14:26

Tgt Ion:	75	Resp:	56611
Ion Ratio	Lower	Upper	
75	100		
77	31.6	26.4	39.6
110	40.1	32.3	48.5

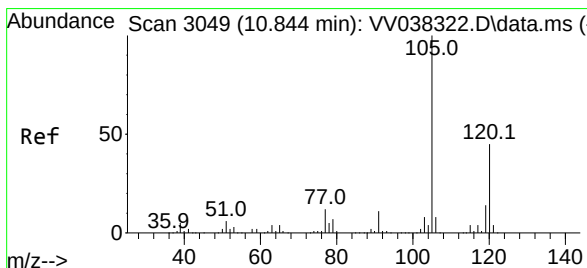
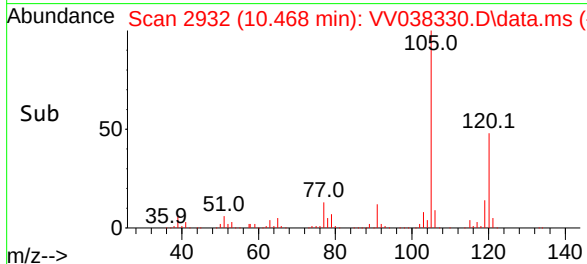
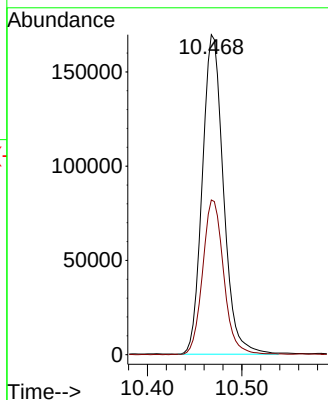
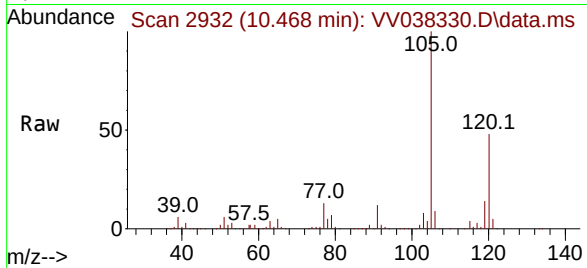




#62
 1,3,5-Trimethylbenzene
 Concen: 4.337 ug/L
 RT: 10.468 min Scan# 2932
 Delta R.T. -0.000 min
 Lab File: VV038330.D
 Acq: 24 Nov 2024 14:26

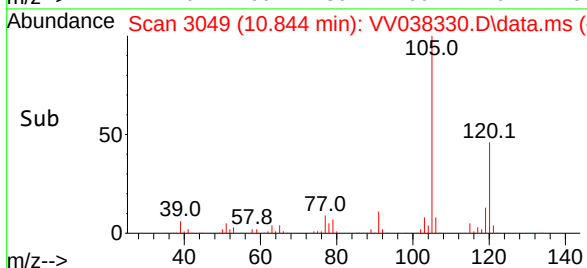
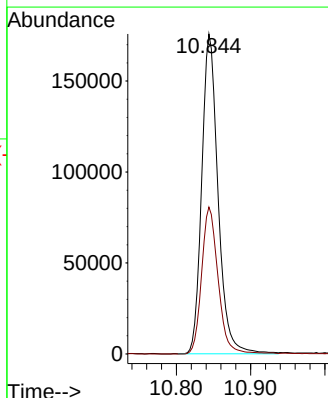
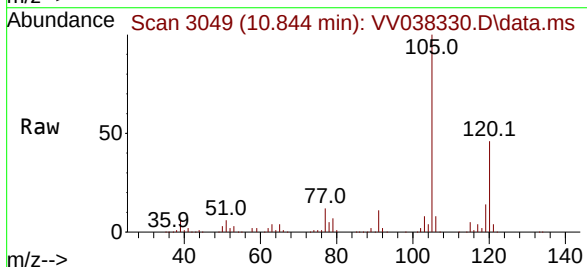
Instrument :
 MSVOA_V
 ClientSampleId :

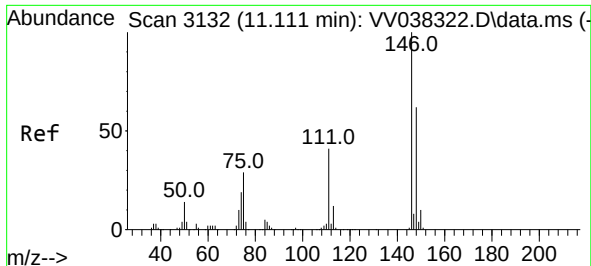
Tgt Ion:105 Resp: 263483
 Ion Ratio Lower Upper
 105 100
 120 48.5 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.418 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. -0.000 min
 Lab File: VV038330.D
 Acq: 24 Nov 2024 14:26

Tgt Ion:105 Resp: 267610
 Ion Ratio Lower Upper
 105 100
 120 46.3 37.0 55.4

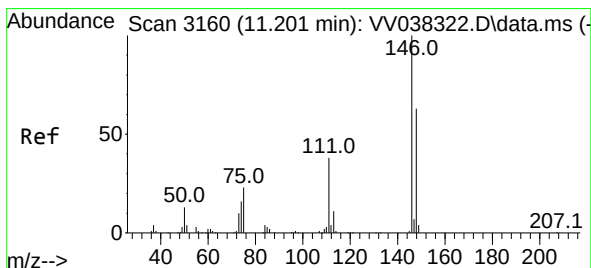
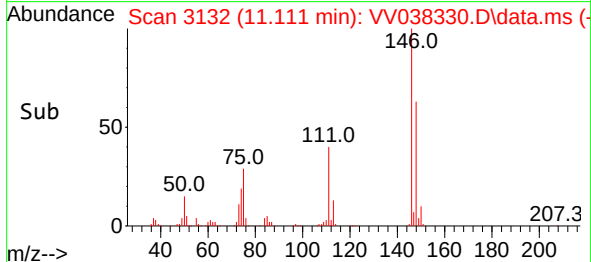
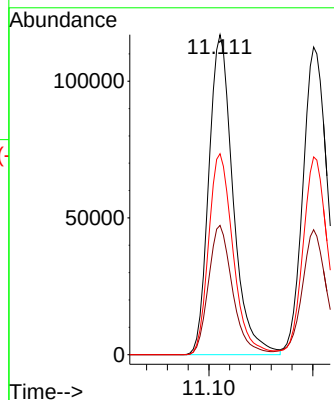
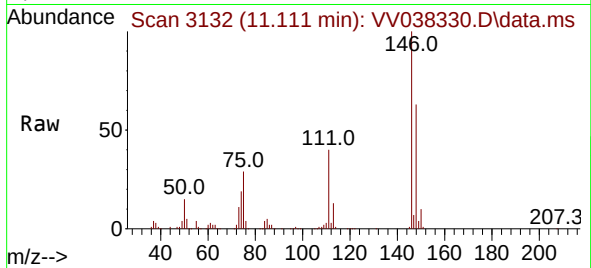




#64
1,3-Dichlorobenzene
Concen: 4.613 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. -0.000 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

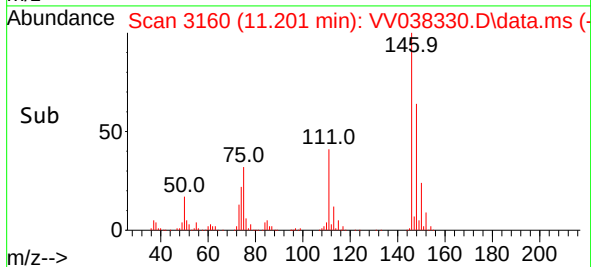
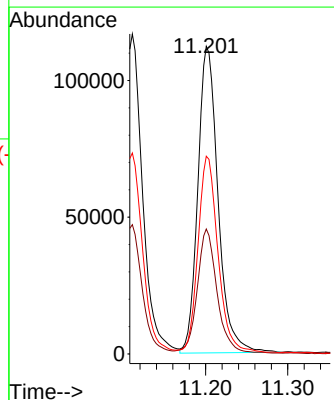
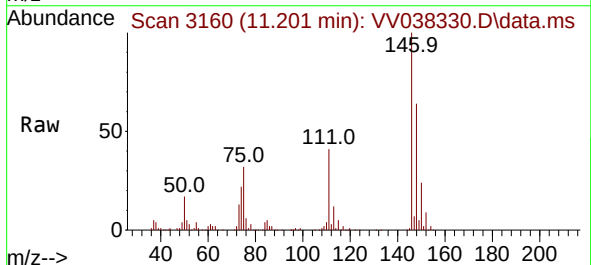
Instrument :
MSVOA_V
ClientSampleId :

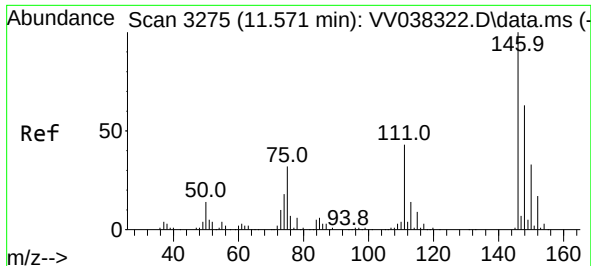
Tgt Ion:146 Resp: 189623
Ion Ratio Lower Upper
146 100
111 40.4 28.2 52.4
148 62.8 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.623 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. -0.000 min
Lab File: VV038330.D
Acq: 24 Nov 2024 14:26

Tgt Ion:146 Resp: 192100
Ion Ratio Lower Upper
146 100
111 40.6 27.4 50.8
148 64.3 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 4.673 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038330.D

Acq: 24 Nov 2024 14:26

Instrument :

MSVOA_V

ClientSampleId :

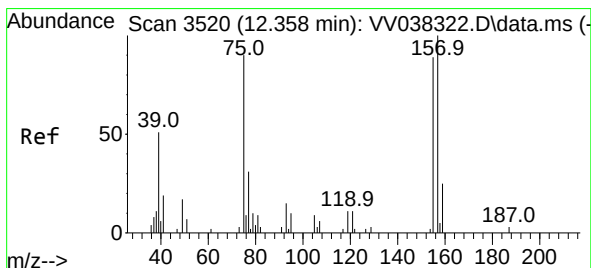
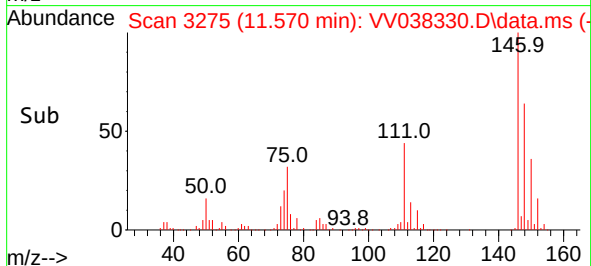
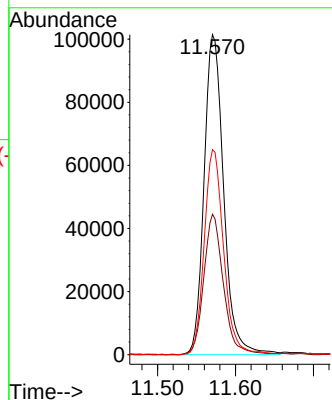
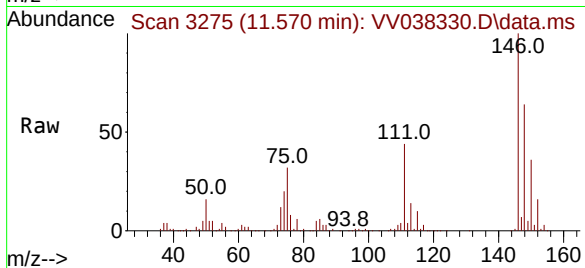
Tgt Ion:146 Resp: 177801

Ion Ratio Lower Upper

146 100

111 43.9 34.2 51.2

148 64.1 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.555 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV038330.D

Acq: 24 Nov 2024 14:26

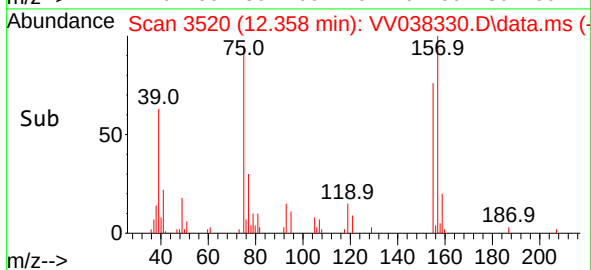
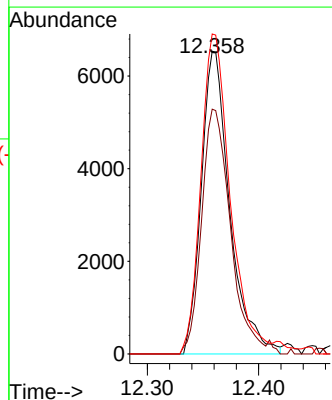
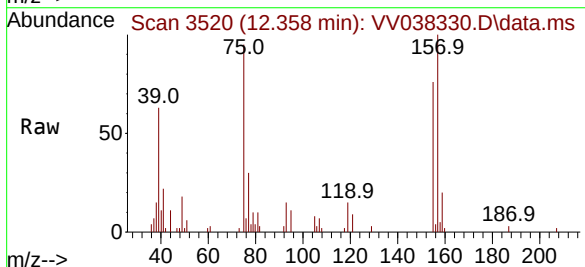
Tgt Ion: 75 Resp: 11635

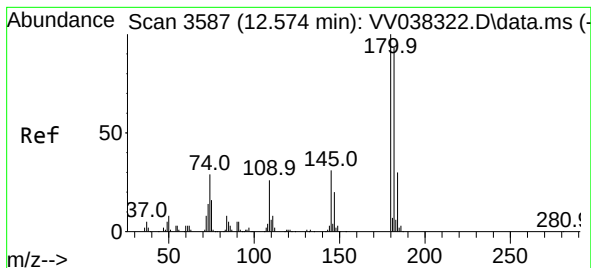
Ion Ratio Lower Upper

75 100

155 80.9 67.5 101.3

157 105.7 82.7 124.1





#69

1,3,5-Trichlorobenzene

Concen: 4.167 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

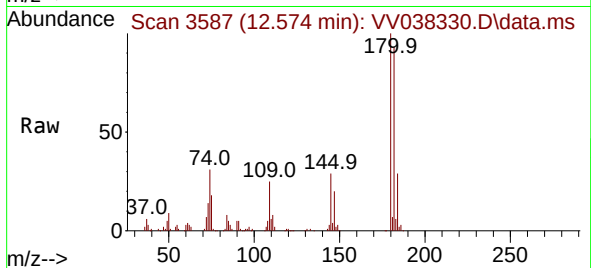
Lab File: VV038330.D

Acq: 24 Nov 2024 14:26

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 121329

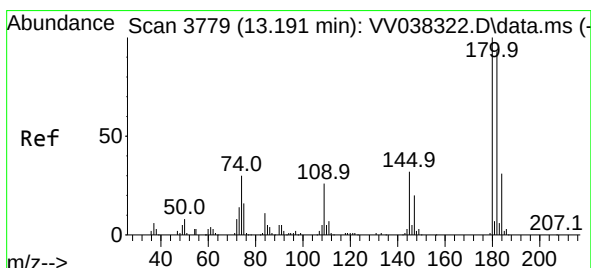
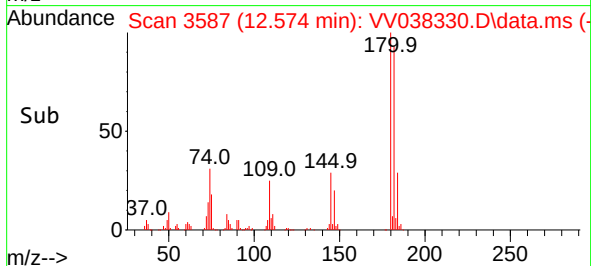
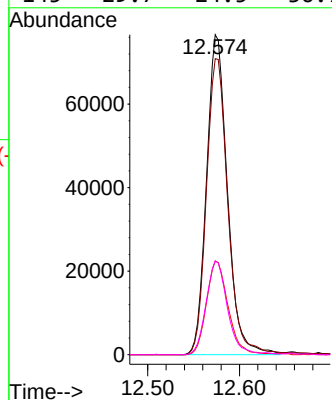
Ion Ratio Lower Upper

180 100

182 94.9 76.0 114.0

184 30.3 23.7 35.5

145 29.7 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 3.933 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV038330.D

Acq: 24 Nov 2024 14:26

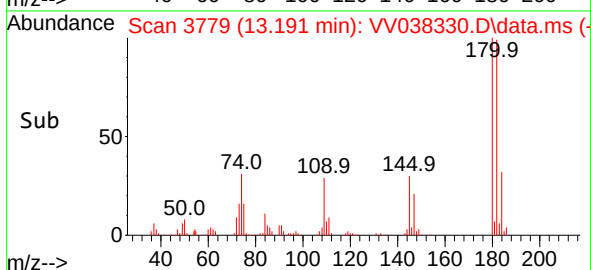
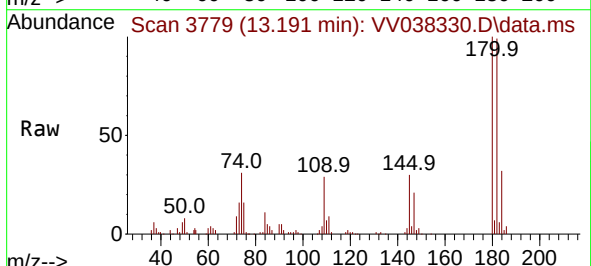
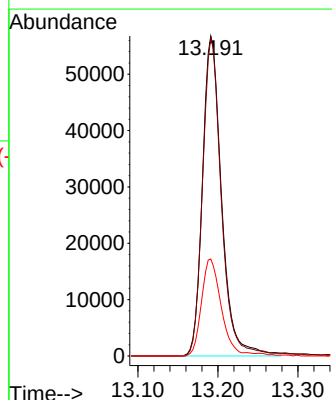
Tgt Ion:180 Resp: 94665

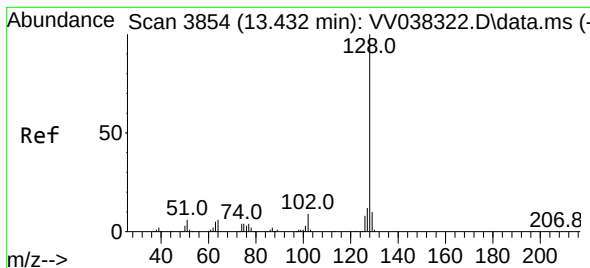
Ion Ratio Lower Upper

180 100

182 97.7 73.8 110.8

145 31.2 24.6 37.0





#71

Naphthalene

Concen: 3.322 ug/L

RT: 13.435 min Scan# 3854

Delta R.T. 0.003 min

Lab File: VV038330.D

Acq: 24 Nov 2024 14:26

Instrument :

MSVOA_V

ClientSampleId :

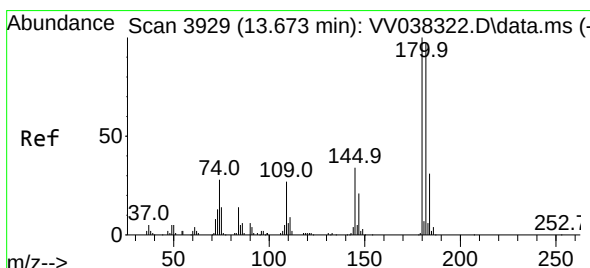
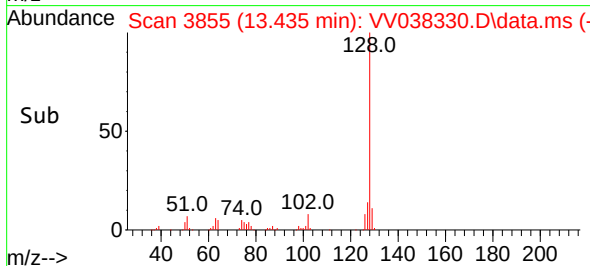
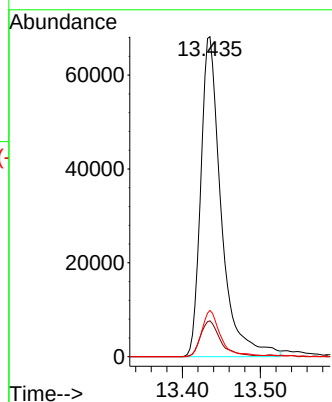
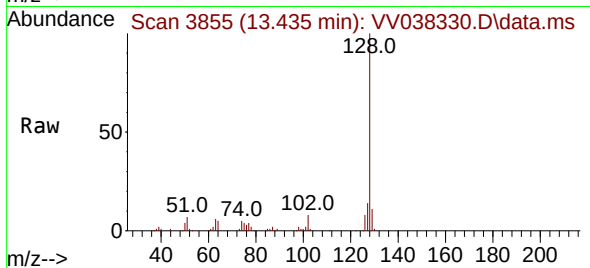
Tgt Ion:128 Resp: 124389

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

127 13.4 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 3.964 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV038330.D

Acq: 24 Nov 2024 14:26

Tgt Ion:180 Resp: 88165

Ion Ratio Lower Upper

180 100

182 97.0 75.1 112.7

145 34.0 27.0 40.4

