

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038178.D
 Acq On : 19 Nov 2024 15:42
 Operator : SY/MD
 Sample : P4882-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 00:11:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:47:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	282320	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	306463	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	132255	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	94046	4.346	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.529	69	85698	4.896	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.053	65	41486	4.455	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	3.780	46	232013	53.597	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.200%
24) Chloroform-d	4.243	84	204542	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	4.937	65	100721	5.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	4.953	84	374969	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	5.982	67	122450	5.024	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.236	98	314499	4.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	7.554	79	40161	4.432	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.017	63	204041	57.926	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.860%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	106274	5.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	127187	5.644	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	1571	0.059	ug/L #	83
3) Chloromethane	1.214	50	3421	0.149	ug/L	92
5) Vinyl chloride	1.278	62	615	0.024	ug/L #	1
6) Bromomethane	1.487	94	952	0.094	ug/L	93
8) Chloroethane	1.542	64	467	0.028	ug/L #	61
9) Trichlorofluoromethane	1.709	101	6569386	177.118	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	95008	4.488	ug/L	99
12) 1,1-Dichloroethene	2.063	96	26031	1.291	ug/L #	10
13) Acetone	2.111	43	6327	1.976	ug/L	98
14) Carbon disulfide	2.236	76	2134	0.033	ug/L #	89
15) Methyl Acetate	2.442	43	335	0.043	ug/L #	47
16) Methylene chloride	2.442	84	44311	1.927	ug/L	95
17) Methyl tert-butyl Ether	2.699	73	55919	1.227	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	639	0.030	ug/L	95
19) 1,1-Dichloroethane	3.104	63	226926	5.885	ug/L	97
21) 2-Butanone	3.883	43	131	0.029	ug/L #	49
22) cis-1,2-Dichloroethene	3.809	96	11414	0.520	ug/L	95
25) Chloroform	4.265	83	23083	0.560	ug/L	98
27) 1,2-Dichloroethane	5.063	62	6233	0.278	ug/L	96

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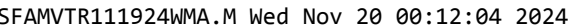
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 ClientSampleId :

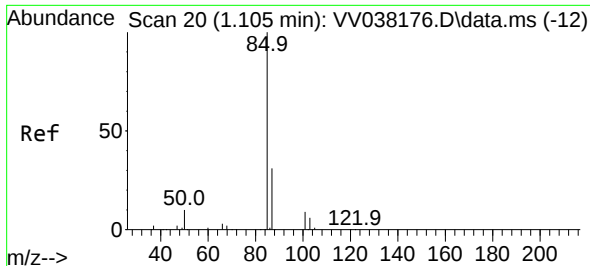
Quant Time: Nov 20 00:11:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.503	97	47938	1.304	ug/L	98
30) Cyclohexane	4.564	56	117	0.004	ug/L #	22
31) Carbon tetrachloride	4.731	117	4450	0.137	ug/L	89
33) Benzene	5.001	78	614	0.007	ug/L	100
34) Trichloroethene	5.828	95	104807	4.466	ug/L	99
35) Methylcyclohexane	5.979	83	29514	0.889	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	13715	0.636	ug/L #	87
38) Bromodichloromethane	6.452	83	42	0.001	ug/L #	26
39) cis-1,3-Dichloropropene	6.956	75	388	0.013	ug/L #	31
40) 4-Methyl-2-pentanone	7.210	43	411	0.036	ug/L #	66
42) Toluene	7.323	91	21095	0.231	ug/L	94
44) trans-1,3-Dichloropropene	7.554	75	1019	0.040	ug/L	90
45) 1,1,2-Trichloroethane	7.792	97	948	0.054	ug/L #	54
47) Tetrachloroethene	7.898	164	34506	1.830	ug/L	99
48) 2-Hexanone	8.017	43	22507	2.750	ug/L #	65
49) Dibromochloromethane	7.898	129	31252	1.639	ug/L #	11
50) 1,2-Dibromoethane	8.288	107	42	0.003	ug/L #	5
51) Chlorobenzene	8.815	112	10535	0.168	ug/L #	75
52) Ethylbenzene	8.960	91	4978	0.051	ug/L	92
53) m,p-Xylene	9.078	106	3738	0.102	ug/L	89
54) o-Xylene	9.484	106	939	0.026	ug/L	87
55) Styrene	9.561	104	19	0.000	ug/L #	33
57) 1,1,2,2-Tetrachloroethane	10.165	83	2234	0.109	ug/L #	85
60) Isopropylbenzene	9.085	105	1898	0.025	ug/L #	28
61) 1,2,3-Trichloropropane	11.178	75	15848	1.400	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.484	105	546	0.009	ug/L #	84
63) 1,2,4-Trimethylbenzene	10.869	105	419	0.007	ug/L	89
64) 1,3-Dichlorobenzene	11.136	146	540	0.013	ug/L	85
65) 1,4-Dichlorobenzene	11.204	146	1220	0.030	ug/L #	45
67) 1,2-Dichlorobenzene	11.577	146	2929	0.077	ug/L #	84
68) 1,2-Dibromo-3-chloropr...	12.606	75	132	0.052	ug/L #	2
69) 1,3,5-Trichlorobenzene	12.596	180	533	0.018	ug/L #	87
70) 1,2,4-trichlorobenzene	13.213	180	900	0.038	ug/L #	93
71) Naphthalene	13.467	128	1986	0.053	ug/L #	78
72) 1,2,3-Trichlorobenzene	13.692	180	657	0.030	ug/L #	86

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

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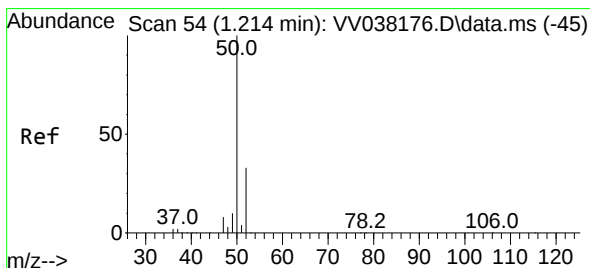
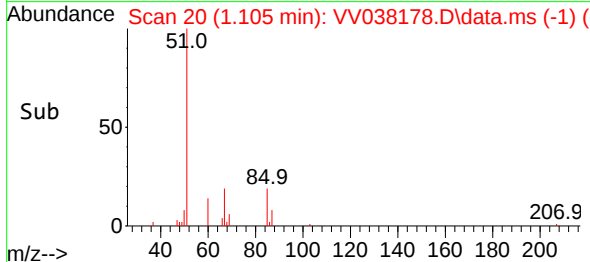
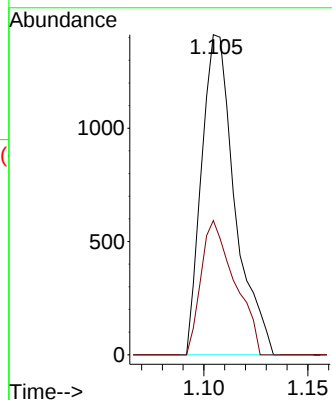
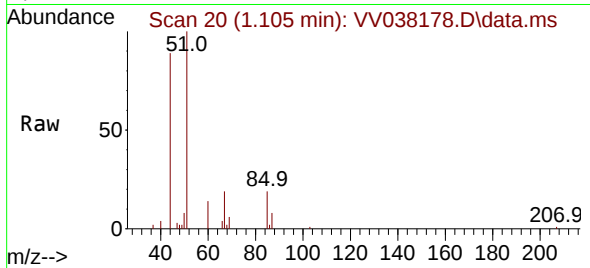




#2
 Dichlorodifluoromethane
 Concen: 0.059 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038178.D
 Acq: 19 Nov 2024 15:42

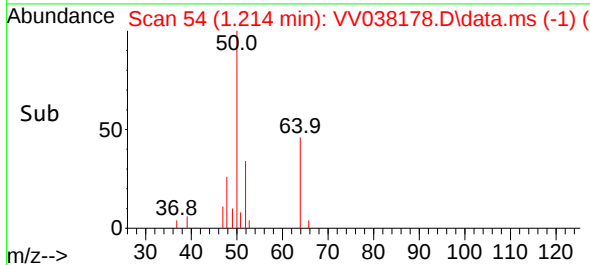
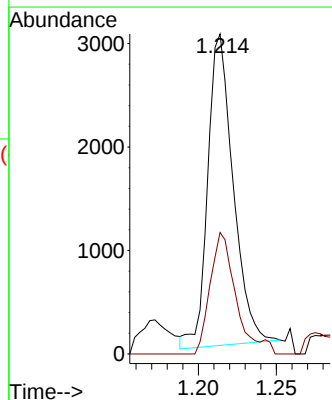
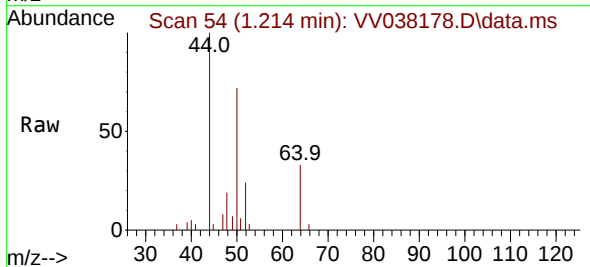
Instrument :
 MSVOA_V
 ClientSampleId :

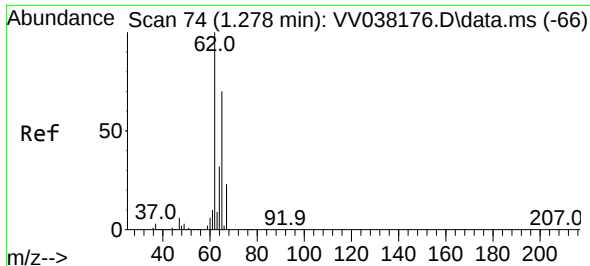
Tgt Ion: 85 Resp: 1571
 Ion Ratio Lower Upper
 85 100
 87 42.5 26.5 39.7#



#3
 Chloromethane
 Concen: 0.149 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV038178.D
 Acq: 19 Nov 2024 15:42

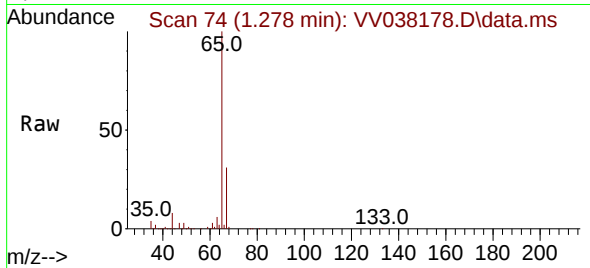
Tgt Ion: 50 Resp: 3421
 Ion Ratio Lower Upper
 50 100
 52 38.0 23.5 43.7



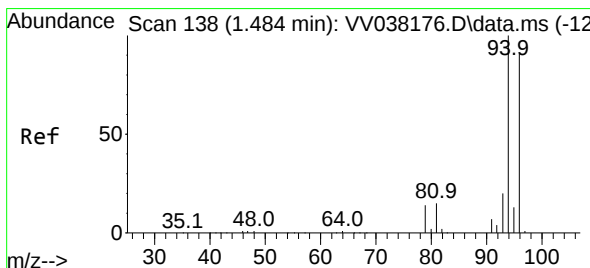
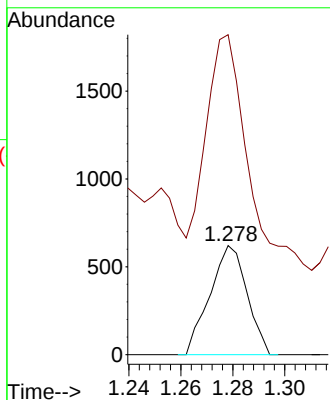
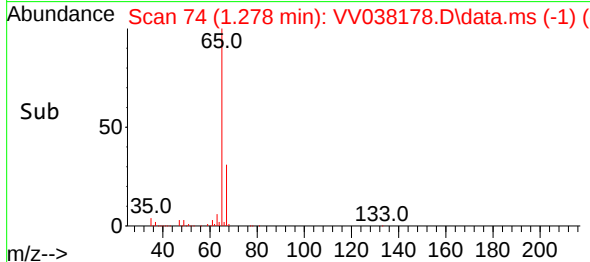


#5
 Vinyl chloride
 Concen: 0.024 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV038178.D
 Acq: 19 Nov 2024 15:42

Instrument :
 MSVOA_V
 ClientSampleId :

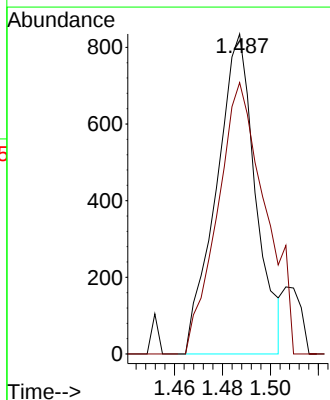
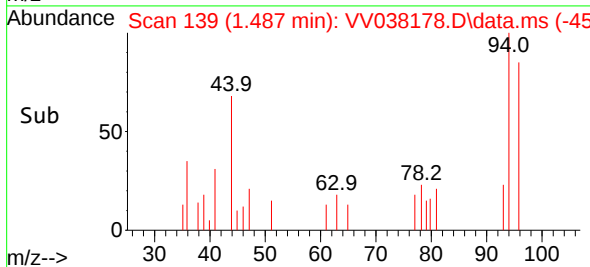
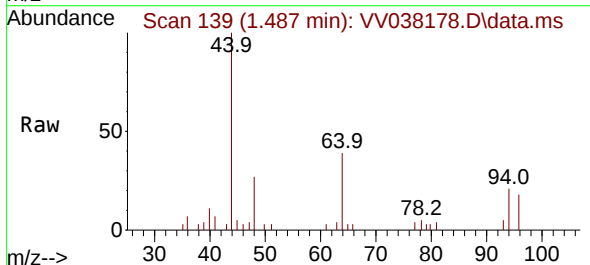


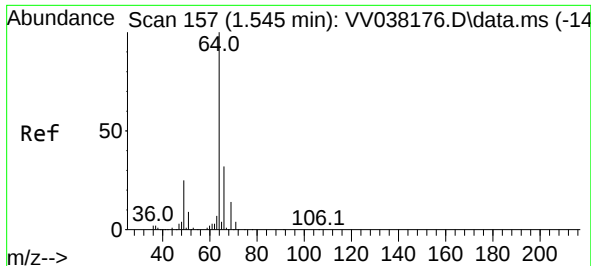
Tgt Ion: 62 Resp: 615
 Ion Ratio Lower Upper
 62 100
 64 293.2 24.4 45.4#



#6
 Bromomethane
 Concen: 0.094 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV038178.D
 Acq: 19 Nov 2024 15:42

Tgt Ion: 94 Resp: 952
 Ion Ratio Lower Upper
 94 100
 96 84.8 63.7 118.3

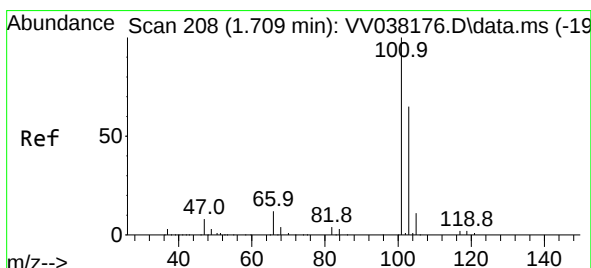
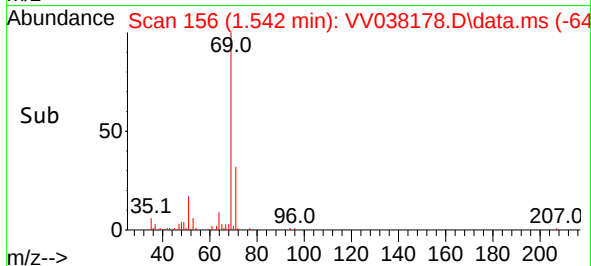
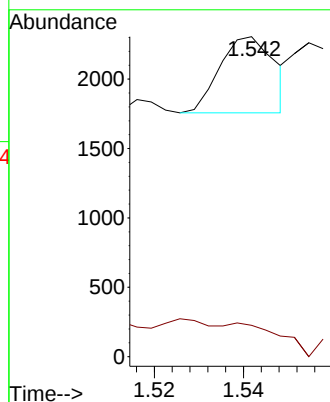
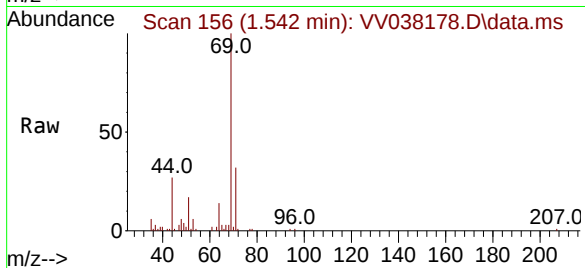




#8
Chloroethane
Concen: 0.028 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

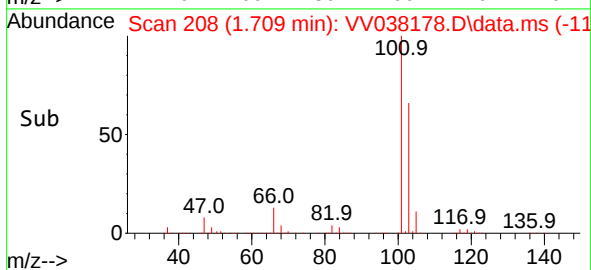
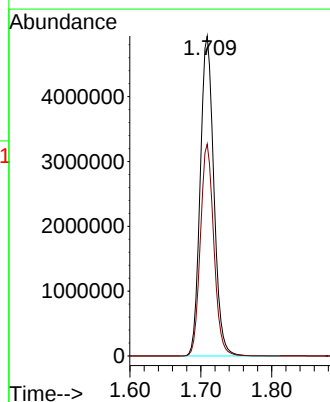
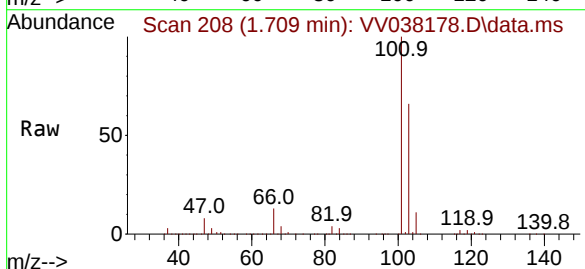
Instrument :
MSVOA_V
ClientSampleId :

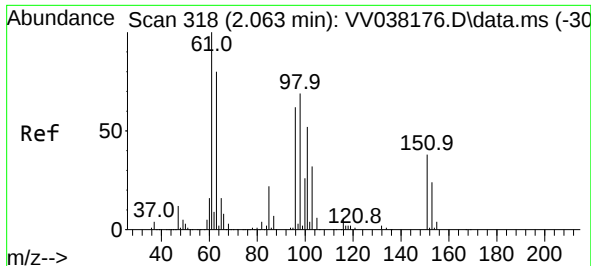
Tgt Ion: 64 Resp: 467
Ion Ratio Lower Upper
64 100
66 9.8 22.0 40.8#



#9
Trichlorofluoromethane
Concen: 177.118 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

Tgt Ion:101 Resp: 6569386
Ion Ratio Lower Upper
101 100
103 65.6 51.5 77.3

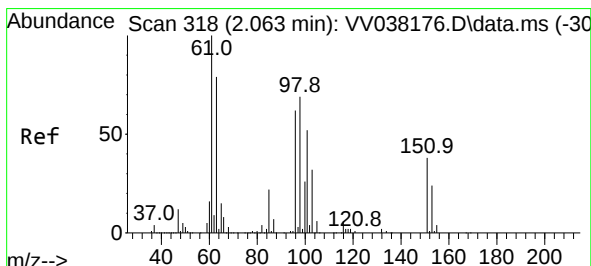
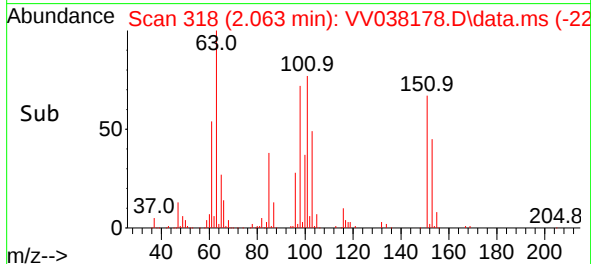
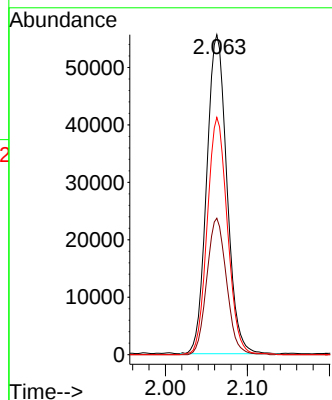
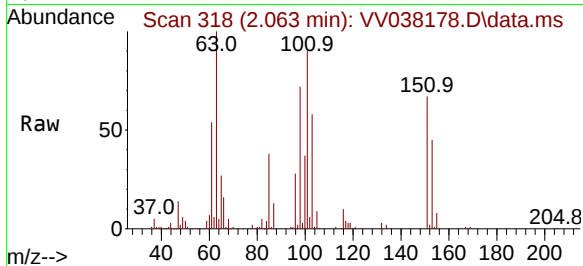




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.488 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038178.D
 Acq: 19 Nov 2024 15:42

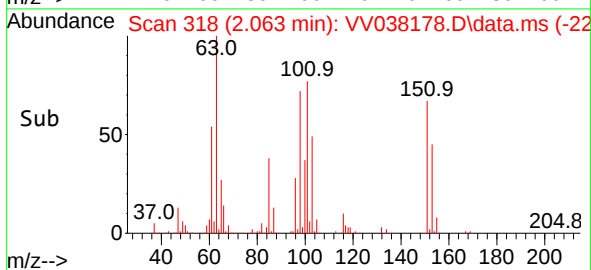
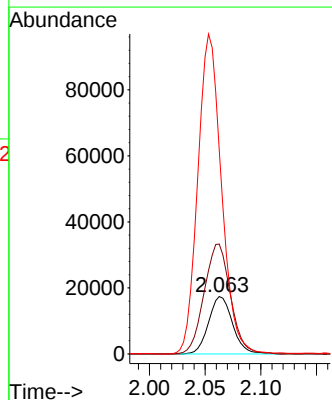
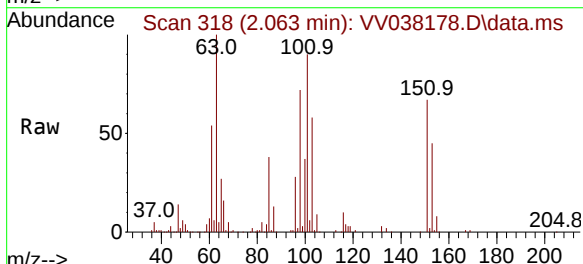
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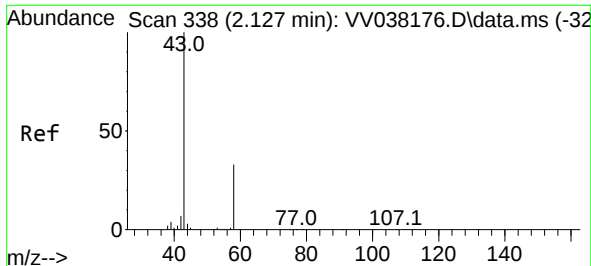
Tgt Ion:	101	Resp:	95008
Ion	Ratio	Lower	Upper
101	100		
85	41.6	33.4	50.0
151	74.4	58.8	88.2



#12
 1,1-Dichloroethene
 Concen: 1.291 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038178.D
 Acq: 19 Nov 2024 15:42

Tgt Ion:	96	Resp:	26031
Ion	Ratio	Lower	Upper
96	100		
61	191.6	115.7	214.9
63	355.5	101.1	187.7





#13

Acetone

Concen: 1.976 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV038178.D

Acq: 19 Nov 2024 15:42

Instrument :

MSVOA_V

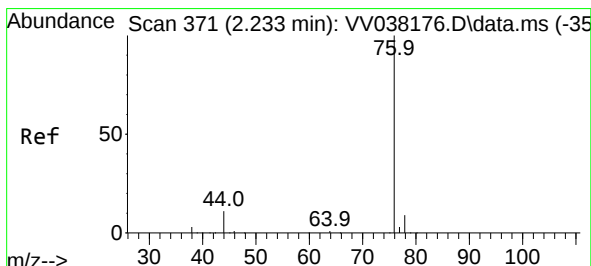
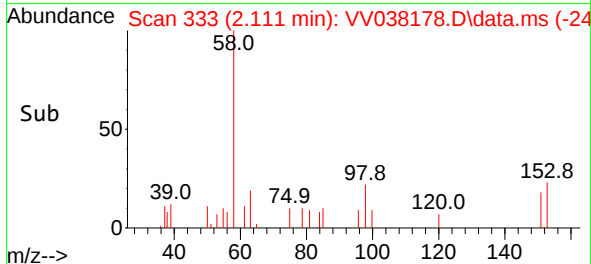
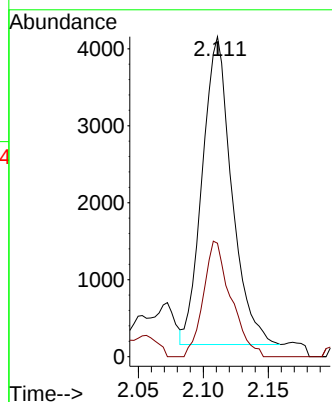
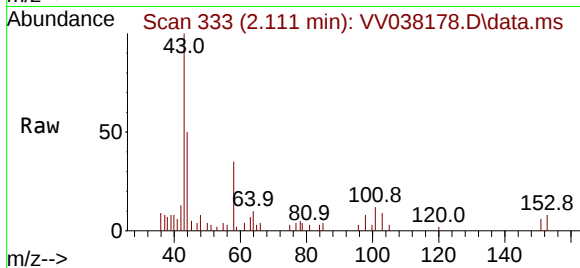
ClientSampleId :

Tgt Ion: 43 Resp: 6327

Ion Ratio Lower Upper

43 100

58 35.0 0.0 67.2



#14

Carbon disulfide

Concen: 0.033 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV038178.D

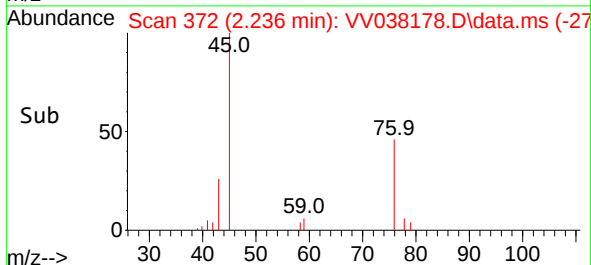
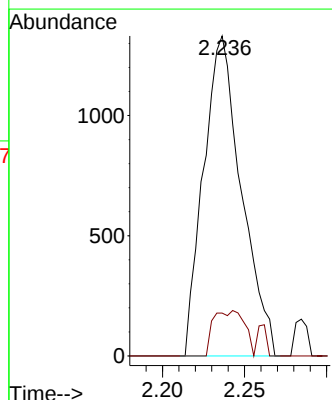
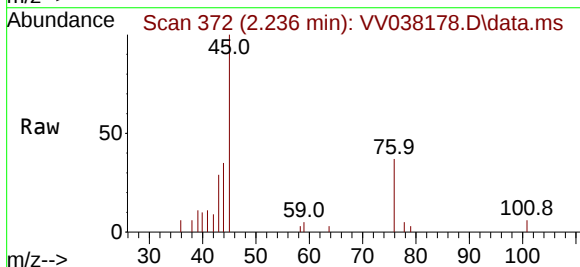
Acq: 19 Nov 2024 15:42

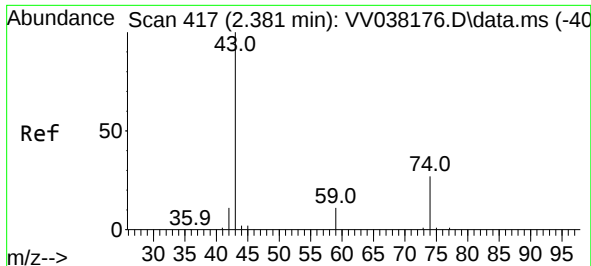
Tgt Ion: 76 Resp: 2134

Ion Ratio Lower Upper

76 100

78 13.4 7.4 11.0#

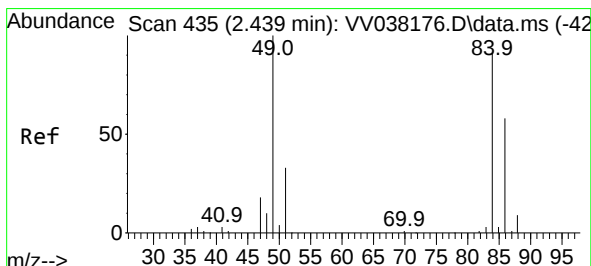
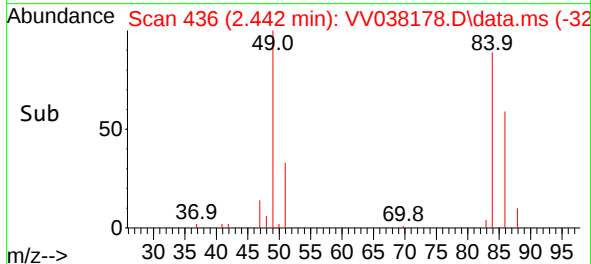
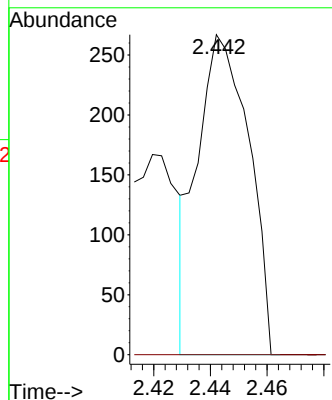
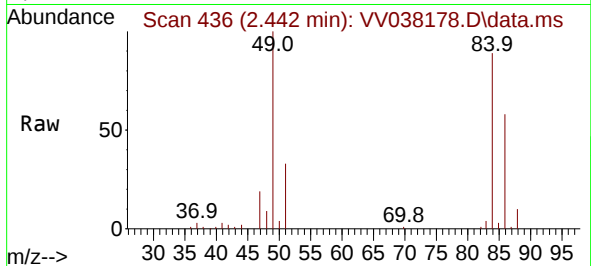




#15
Methyl Acetate
Concen: 0.043 ug/L
RT: 2.442 min Scan# 417
Delta R.T. 0.061 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

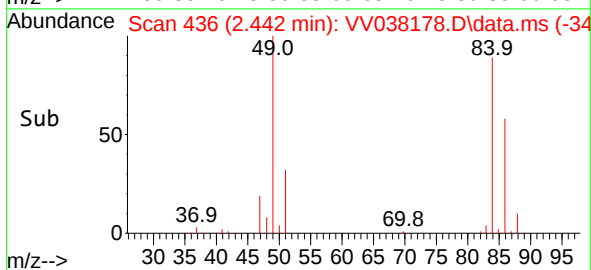
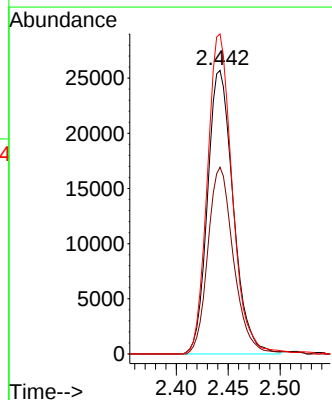
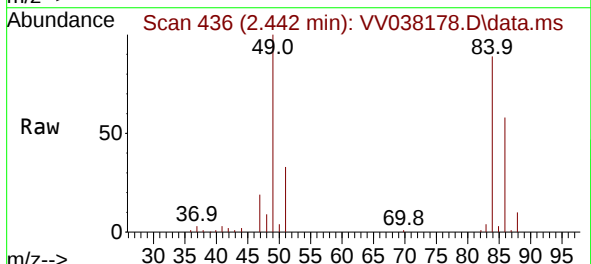
Instrument :
MSVOA_V
ClientSampleId :

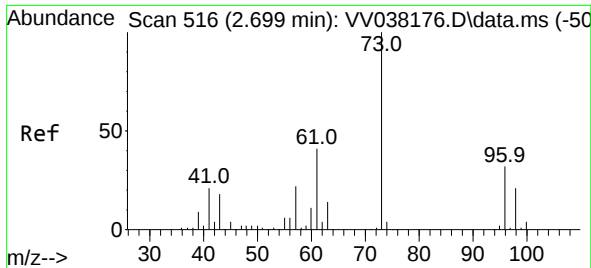
Tgt Ion: 43 Resp: 335
Ion Ratio Lower Upper
43 100
74 0.0 22.4 33.6#



#16
Methylene chloride
Concen: 1.927 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

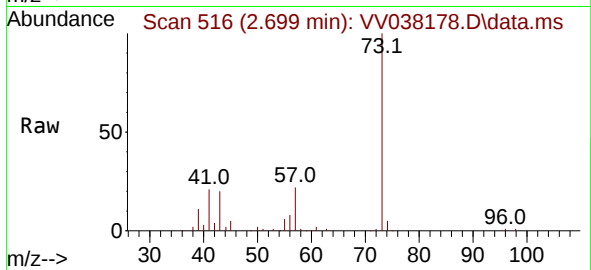
Tgt Ion: 84 Resp: 44311
Ion Ratio Lower Upper
84 100
86 65.8 44.2 82.2
49 112.9 74.9 139.1



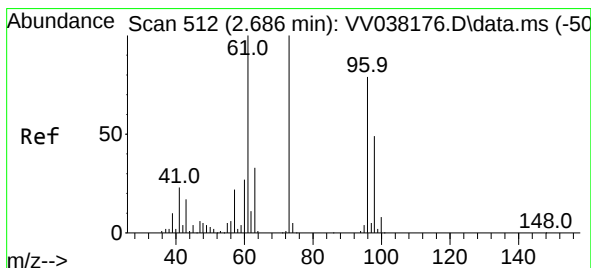
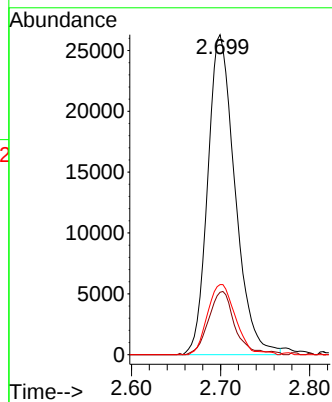
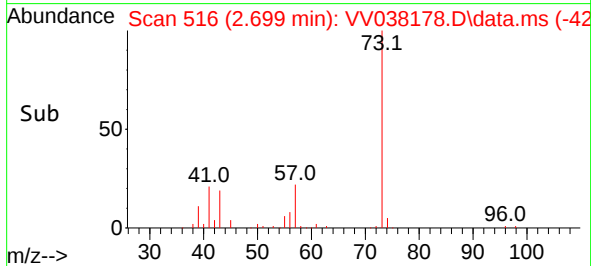


#17
Methyl tert-butyl Ether
Concen: 1.227 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

Instrument :
MSVOA_V
ClientSampleId :

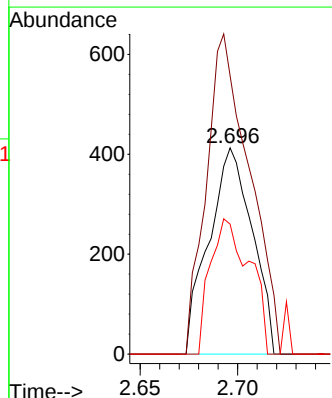
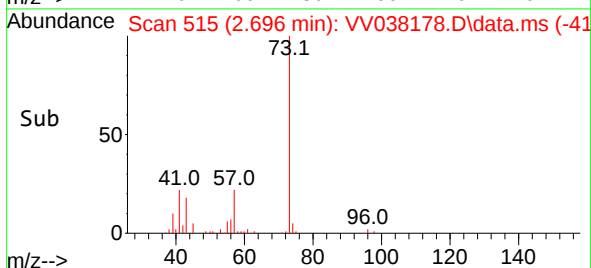
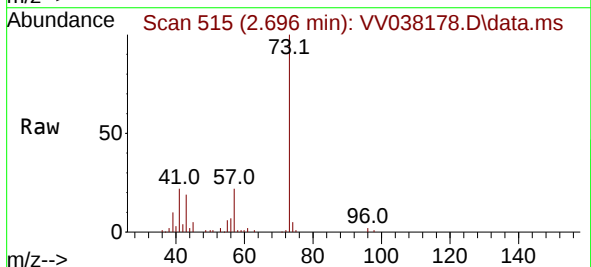


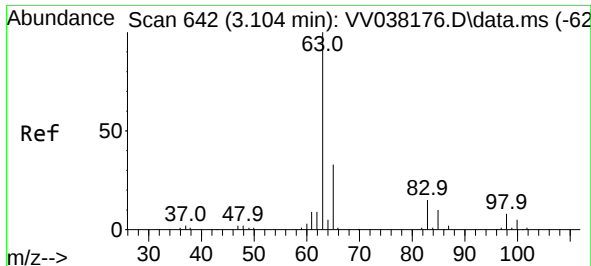
Tgt Ion: 73 Resp: 55919
Ion Ratio Lower Upper
73 100
43 18.9 14.2 21.2
57 22.5 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 0.030 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.010 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

Tgt Ion: 96 Resp: 639
Ion Ratio Lower Upper
96 100
61 134.9 88.5 164.4
98 63.0 43.9 81.5

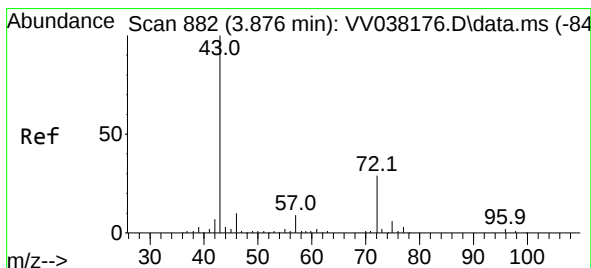
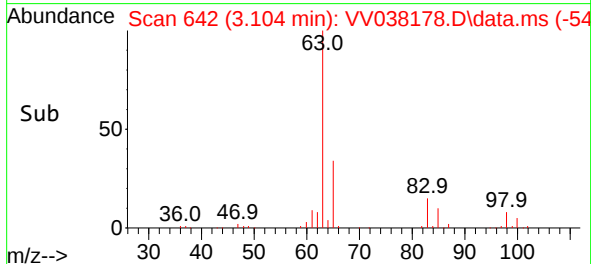
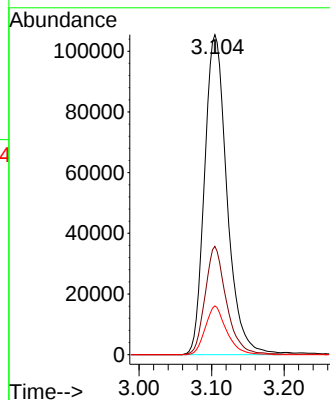
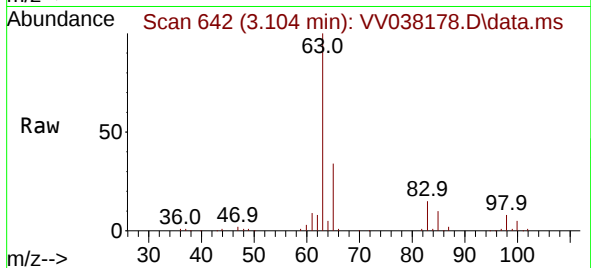




#19
1,1-Dichloroethane
Concen: 5.885 ug/L
RT: 3.104 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

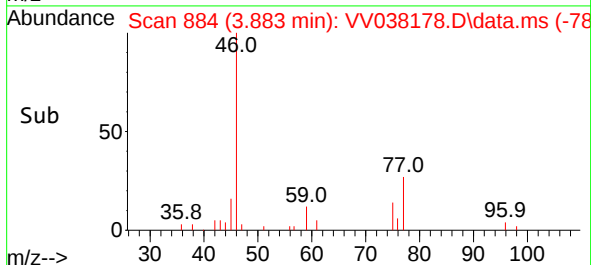
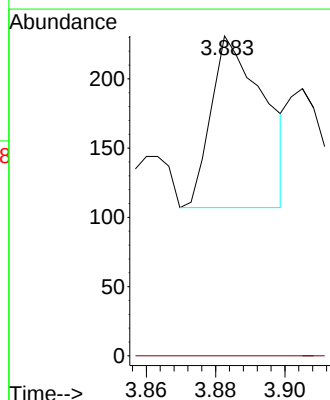
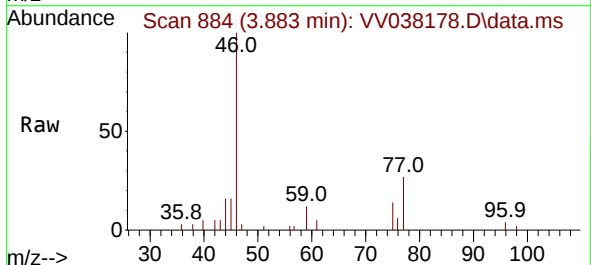
Instrument :
MSVOA_V
ClientSampleId :

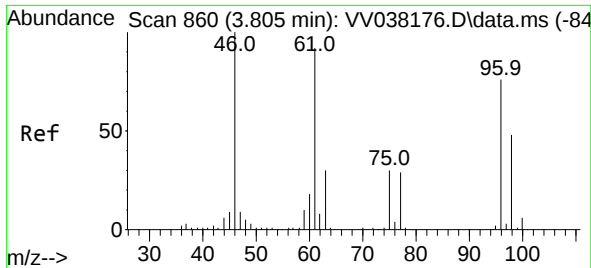
Tgt Ion: 63 Resp: 226926
Ion Ratio Lower Upper
63 100
65 33.8 22.5 41.7
83 15.2 10.1 18.9



#21
2-Butanone
Concen: 0.029 ug/L
RT: 3.883 min Scan# 884
Delta R.T. 0.006 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

Tgt Ion: 43 Resp: 131
Ion Ratio Lower Upper
43 100
72 0.0 13.0 39.0#





#22

cis-1,2-Dichloroethene

Concen: 0.520 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV038178.D

Acq: 19 Nov 2024 15:42

Instrument :

MSVOA_V

ClientSampleId :

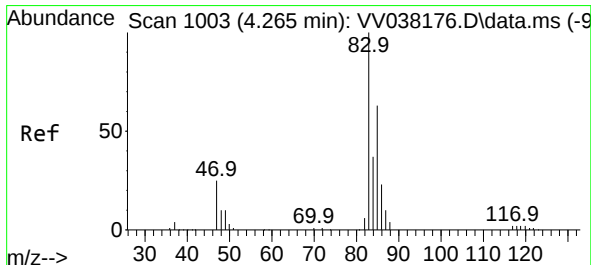
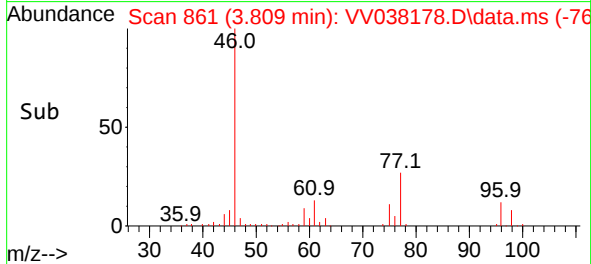
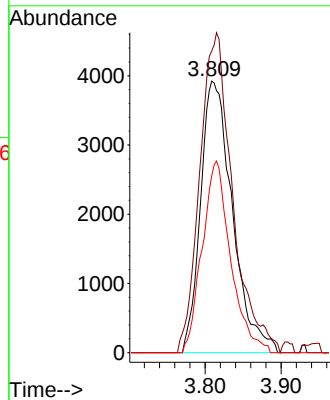
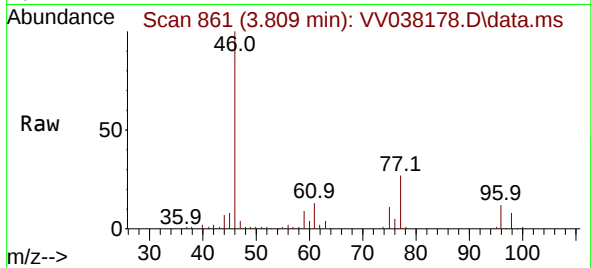
Tgt Ion: 96 Resp: 11414

Ion Ratio Lower Upper

96 100

61 111.1 82.7 153.5

98 65.1 46.3 85.9



#25

Chloroform

Concen: 0.560 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VV038178.D

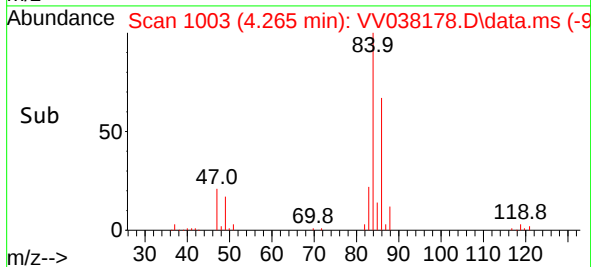
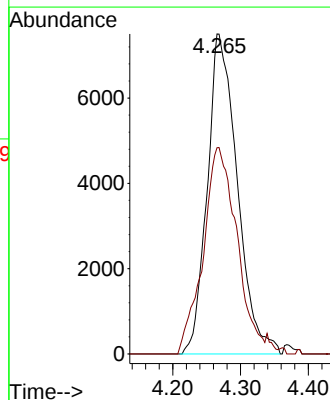
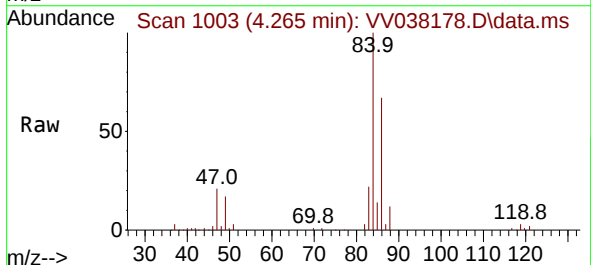
Acq: 19 Nov 2024 15:42

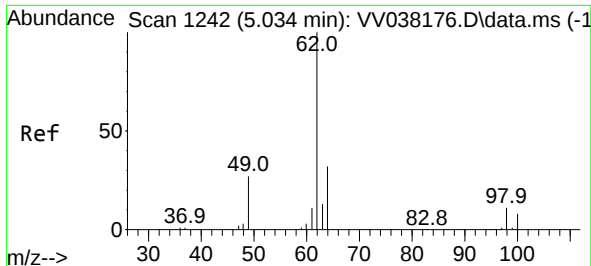
Tgt Ion: 83 Resp: 23083

Ion Ratio Lower Upper

83 100

85 64.4 46.5 86.3





#27

1,2-Dichloroethane

Concen: 0.278 ug/L

RT: 5.063 min Scan# 11

Delta R.T. 0.029 min

Lab File: VV038178.D

Acq: 19 Nov 2024 15:42

Instrument :

MSVOA_V

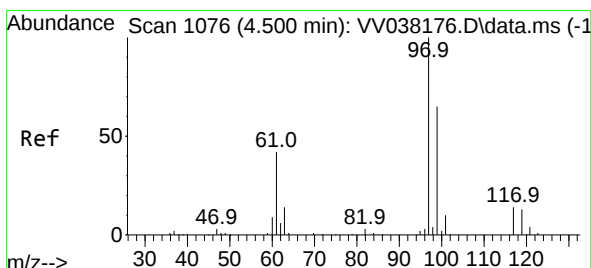
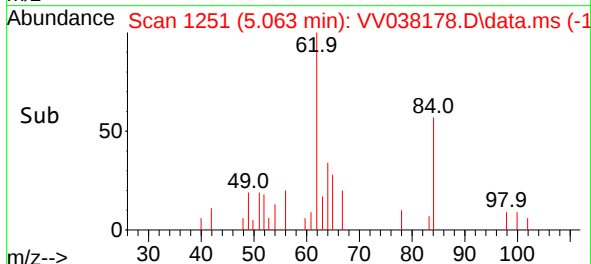
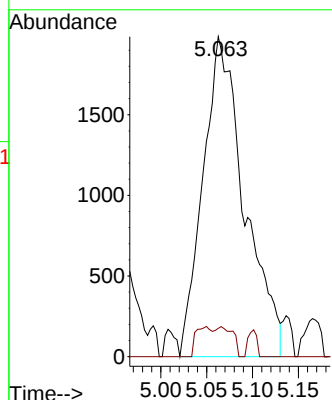
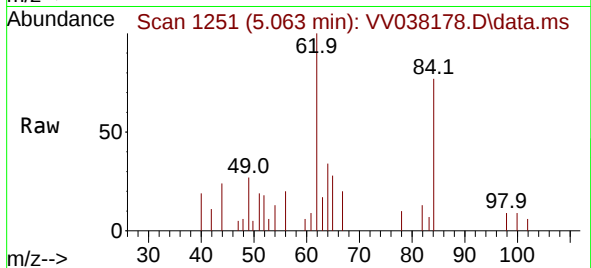
ClientSampleId :

Tgt Ion: 62 Resp: 6233

Ion Ratio Lower Upper

62 100

98 8.8 8.2 12.4



#29

1,1,1-Trichloroethane

Concen: 1.304 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV038178.D

Acq: 19 Nov 2024 15:42

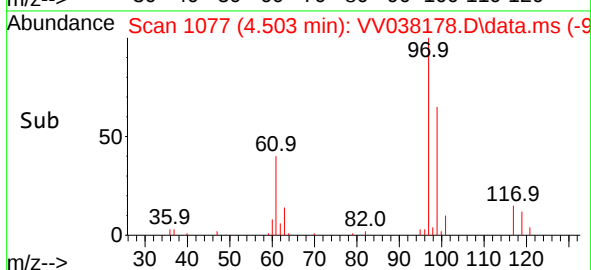
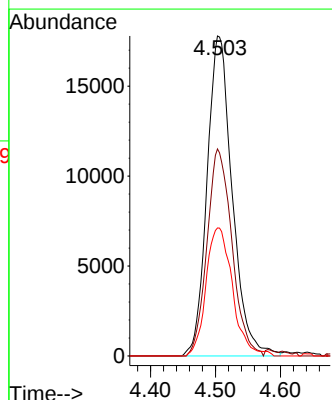
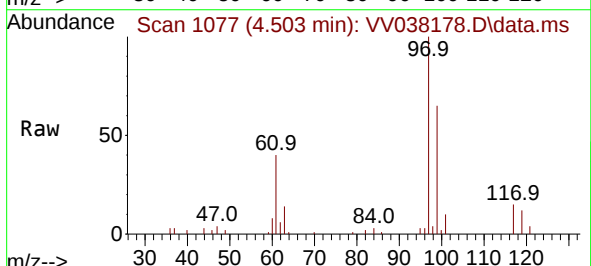
Tgt Ion: 97 Resp: 47938

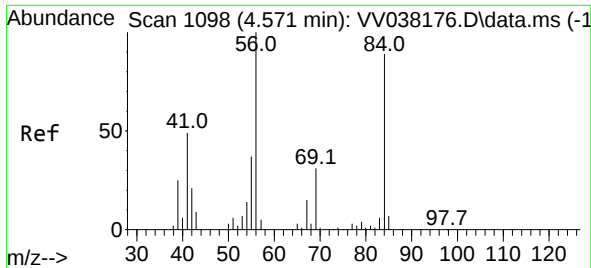
Ion Ratio Lower Upper

97 100

99 64.0 51.8 77.8

61 42.0 32.2 48.2

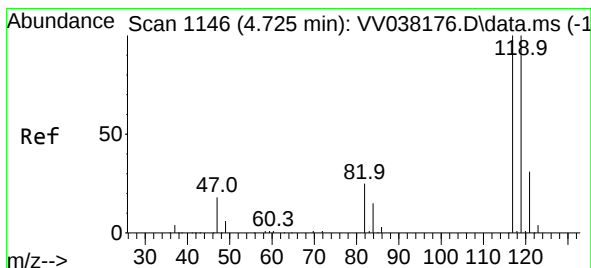
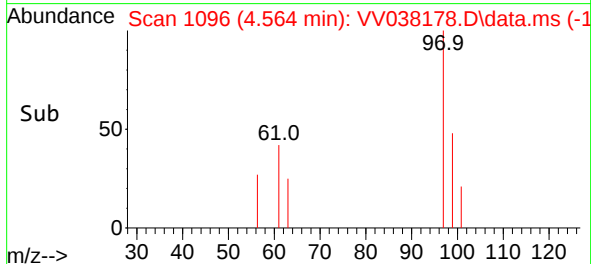
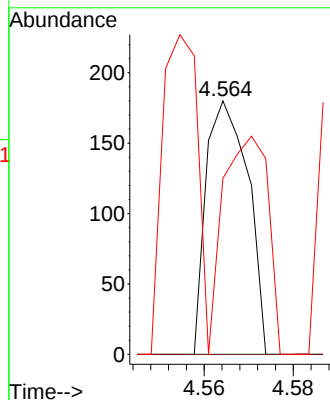
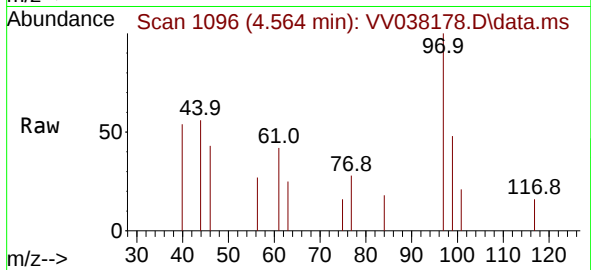




#30
Cyclohexane
Concen: 0.004 ug/L
RT: 4.564 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

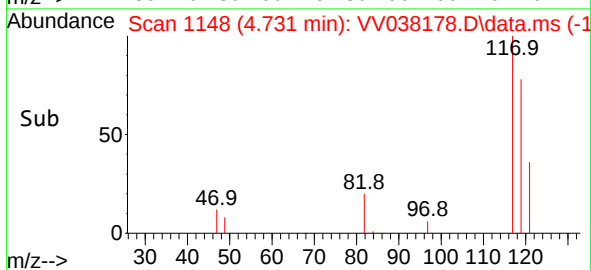
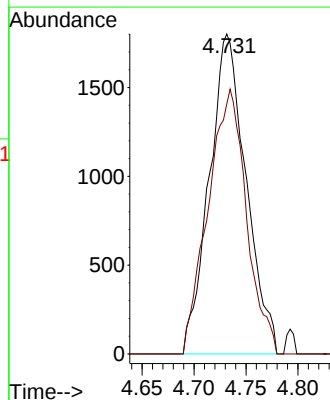
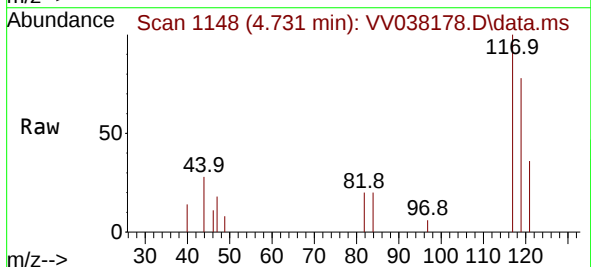
Instrument :
MSVOA_V
ClientSampleId :

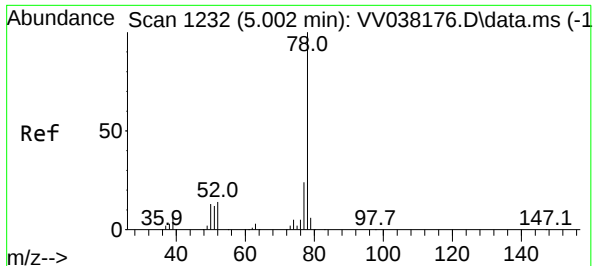
Tgt Ion: 56 Resp: 117
Ion Ratio Lower Upper
56 100
69 21.4 26.0 39.0#
84 0.0 75.6 113.4#



#31
Carbon tetrachloride
Concen: 0.137 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. 0.006 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

Tgt Ion: 117 Resp: 4450
Ion Ratio Lower Upper
117 100
119 85.9 77.4 116.2

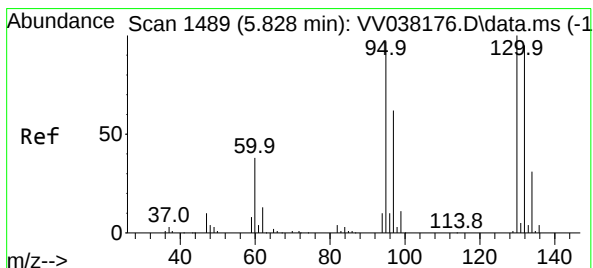
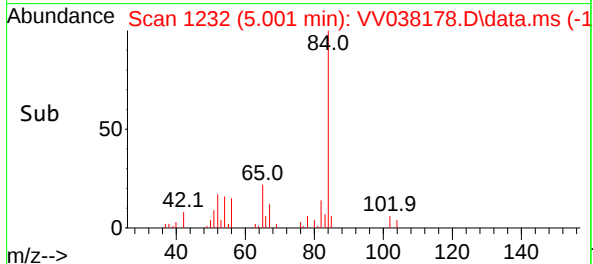
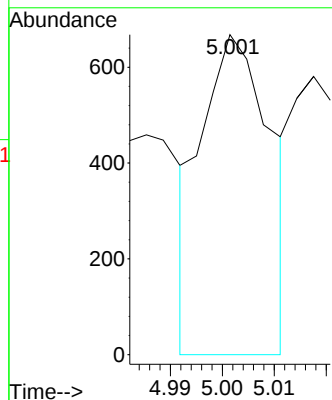
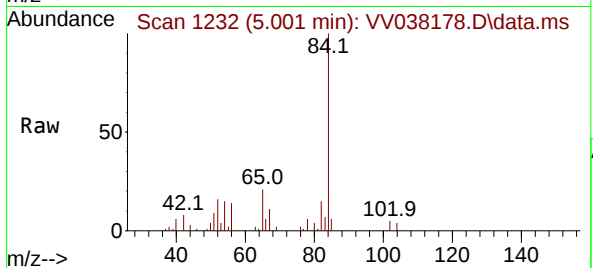




#33
Benzene
Concen: 0.007 ug/L
RT: 5.001 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

Instrument :
MSVOA_V
ClientSampleId :

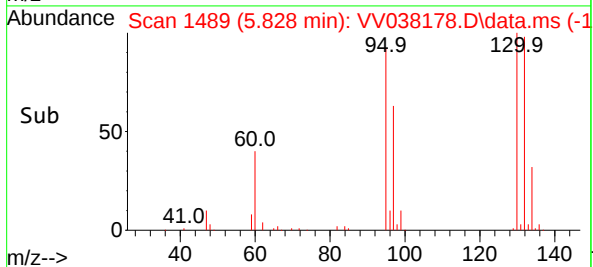
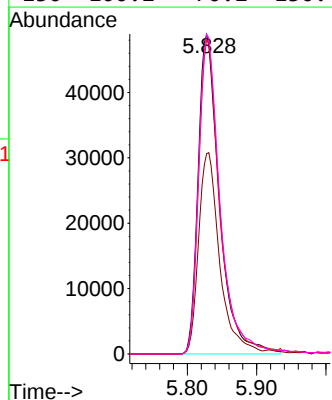
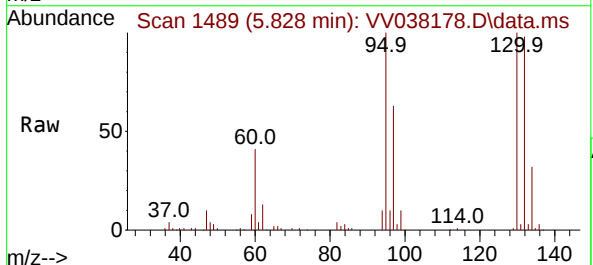
Tgt Ion: 78 Resp: 614

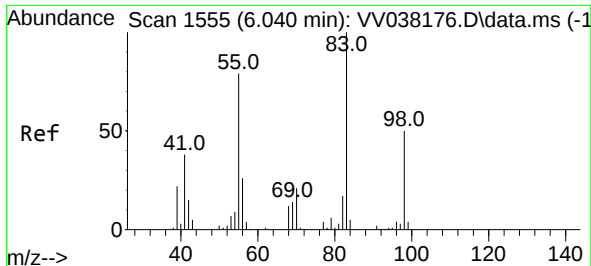


#34
Trichloroethene
Concen: 4.466 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

Tgt Ion: 95 Resp: 104807

Ion	Ratio	Lower	Upper
95	100		
97	62.7	44.8	83.2
132	98.3	68.3	126.8
130	100.2	70.2	130.4

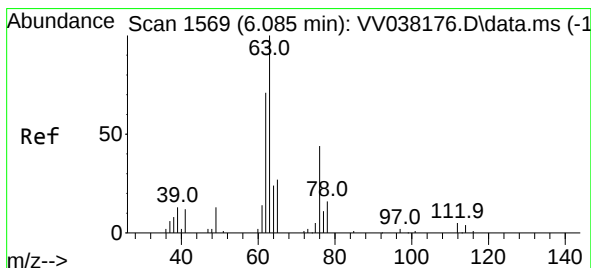
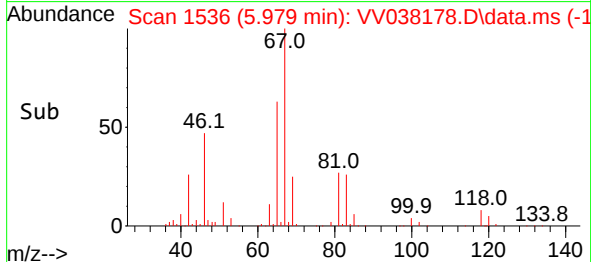
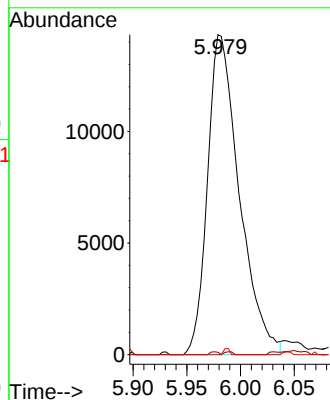
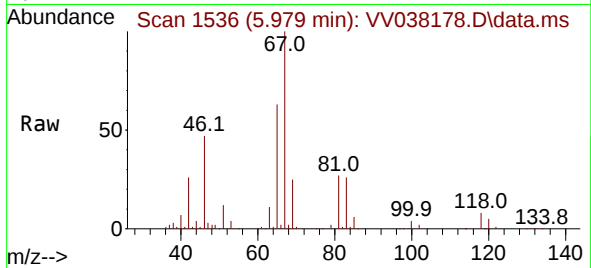




#35
Methylcyclohexane
Concen: 0.889 ug/L
RT: 5.979 min Scan# 1536
Delta R.T. -0.061 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

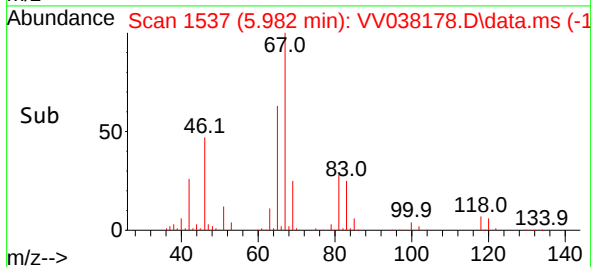
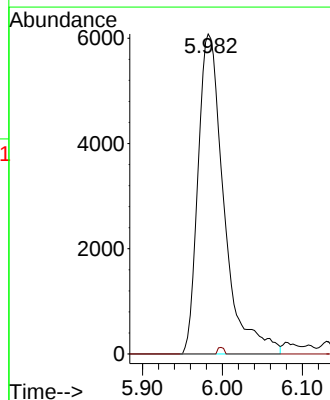
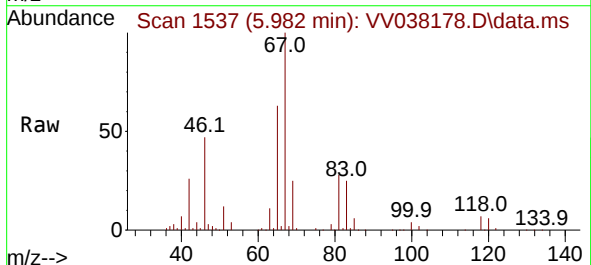
Instrument :
MSVOA_V
ClientSampleId :

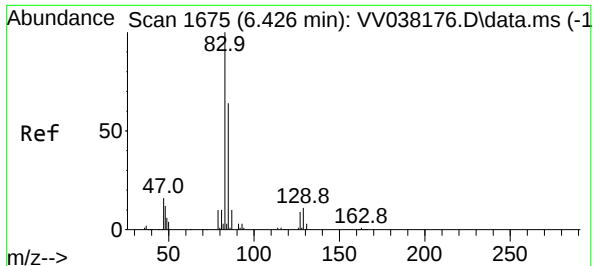
Tgt Ion: 83 Resp: 29514
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.636 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.103 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

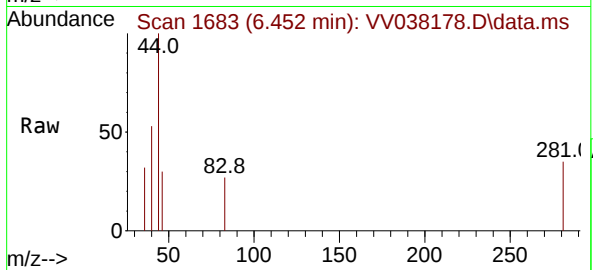
Tgt Ion: 63 Resp: 13715
Ion Ratio Lower Upper
63 100
112 0.5 3.9 5.9#



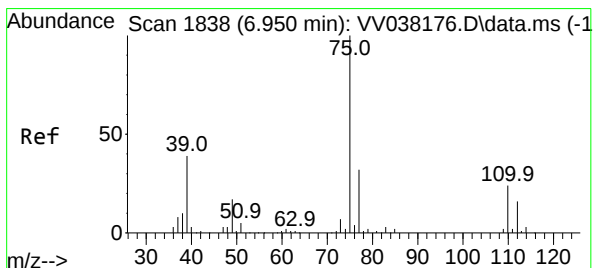
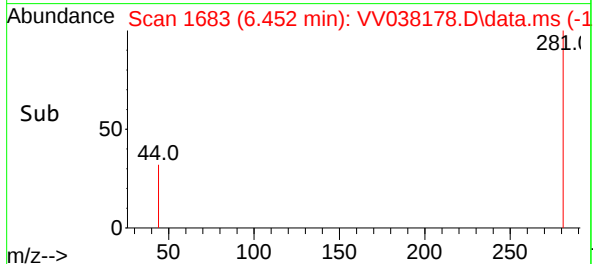
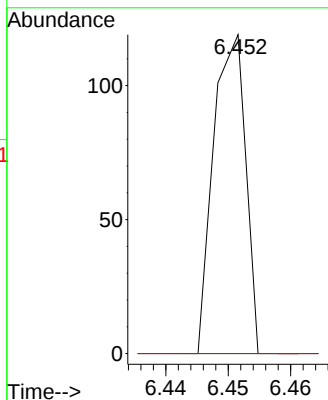


#38
Bromodichloromethane
Concen: 0.001 ug/L
RT: 6.452 min Scan# 1
Delta R.T. 0.026 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

Instrument :
MSVOA_V
ClientSampleId :

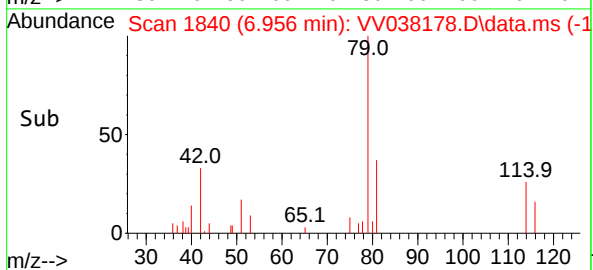
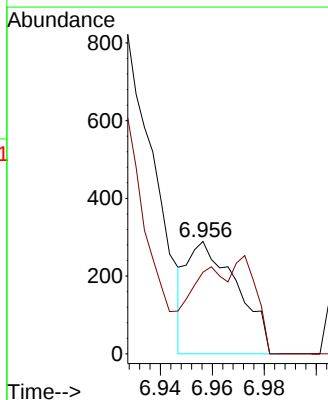
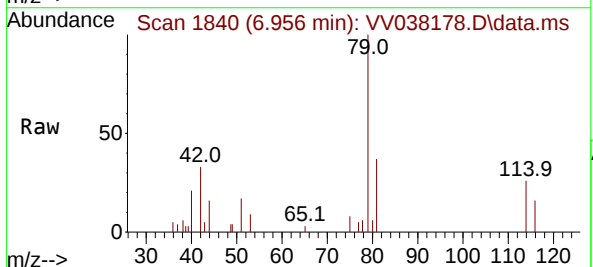


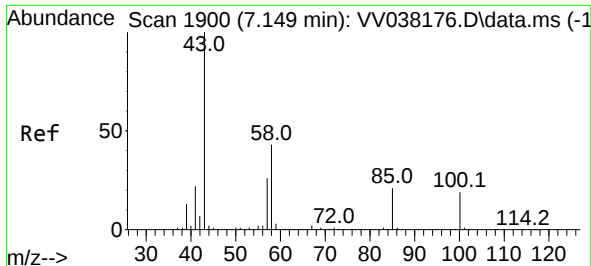
Tgt Ion: 83 Resp: 42
Ion Ratio Lower Upper
83 100
85 0.0 43.9 81.5#
127 0.0 6.7 10.1#



#39
cis-1,3-Dichloropropene
Concen: 0.013 ug/L
RT: 6.956 min Scan# 1840
Delta R.T. 0.006 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

Tgt Ion: 75 Resp: 388
Ion Ratio Lower Upper
75 100
77 72.7 23.4 43.6#





#40

4-Methyl-2-pentanone

Concen: 0.036 ug/L

RT: 7.210 min Scan# 1919

Delta R.T. 0.061 min

Lab File: VV038178.D

Acq: 19 Nov 2024 15:42

Instrument :

MSVOA_V

ClientSampleId :

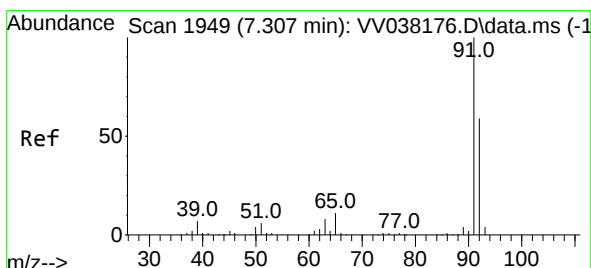
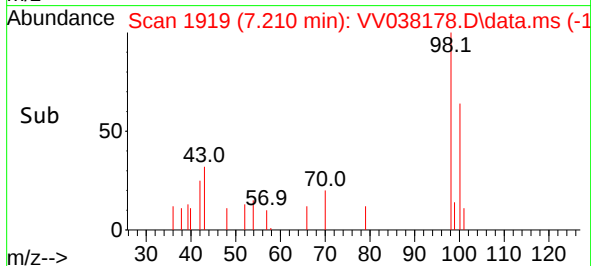
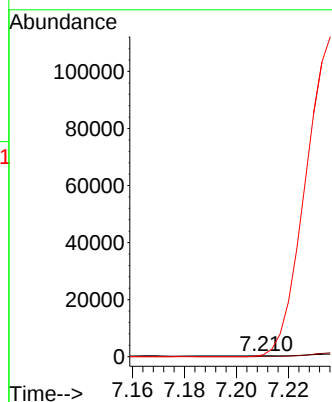
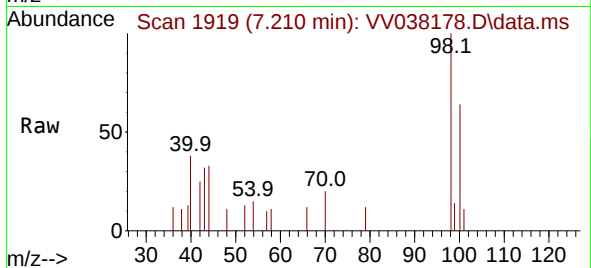
Tgt Ion: 43 Resp: 411

Ion Ratio Lower Upper

43 100

58 22.1 33.4 50.2#

100 0.0 14.3 21.5#



#42

Toluene

Concen: 0.231 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.016 min

Lab File: VV038178.D

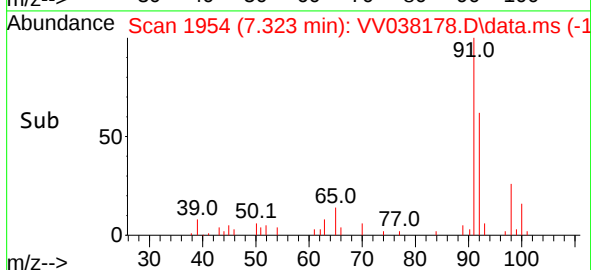
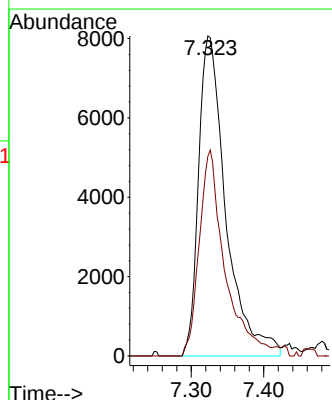
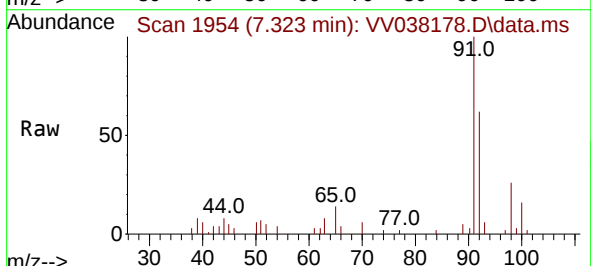
Acq: 19 Nov 2024 15:42

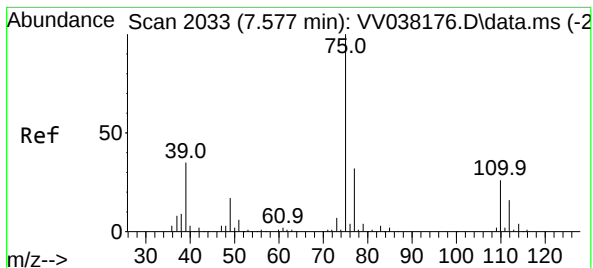
Tgt Ion: 91 Resp: 21095

Ion Ratio Lower Upper

91 100

92 62.5 40.8 75.8





#44

trans-1,3-Dichloropropene

Concen: 0.040 ug/L

RT: 7.554 min Scan# 2100

Delta R.T. -0.023 min

Lab File: VV038178.D

Acq: 19 Nov 2024 15:42

Instrument :

MSVOA_V

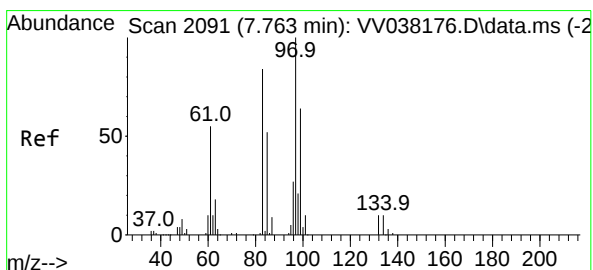
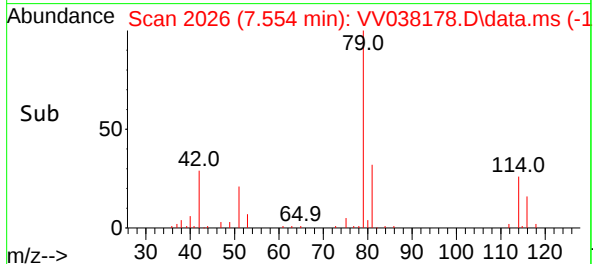
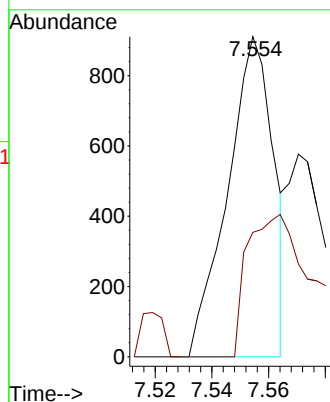
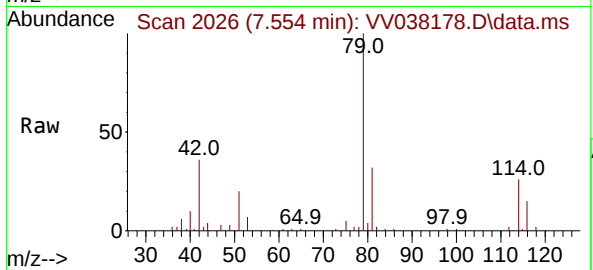
ClientSampleId :

Tgt Ion: 75 Resp: 1019

Ion Ratio Lower Upper

75 100

77 38.9 23.4 43.4



#45

1,1,2-Trichloroethane

Concen: 0.054 ug/L

RT: 7.792 min Scan# 2100

Delta R.T. 0.029 min

Lab File: VV038178.D

Acq: 19 Nov 2024 15:42

Tgt Ion: 97 Resp: 948

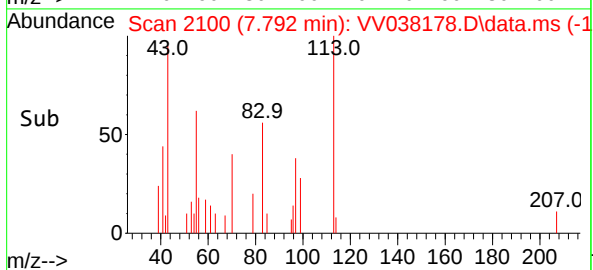
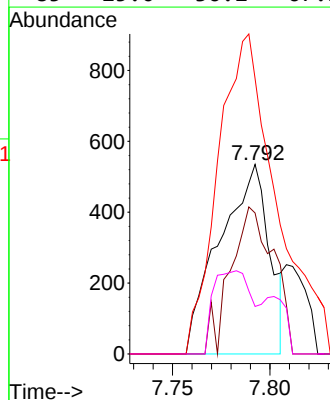
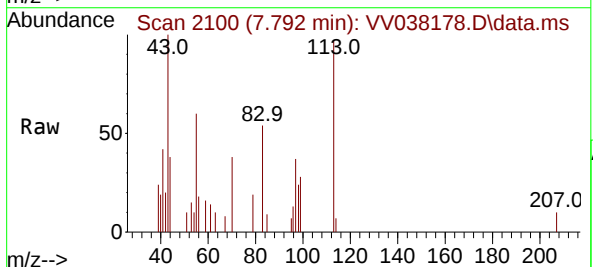
Ion Ratio Lower Upper

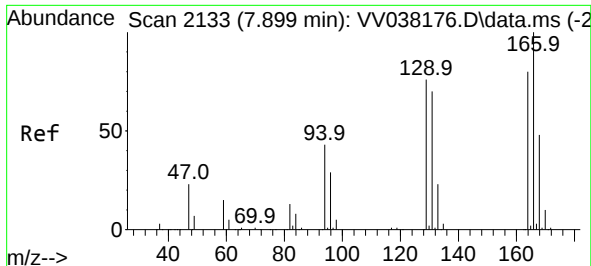
97 100

99 74.4 41.9 77.7

83 145.2 57.7 107.1#

85 25.0 36.2 67.2#





#47

Tetrachloroethene

Concen: 1.830 ug/L

RT: 7.898 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV038178.D

Acq: 19 Nov 2024 15:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 34506

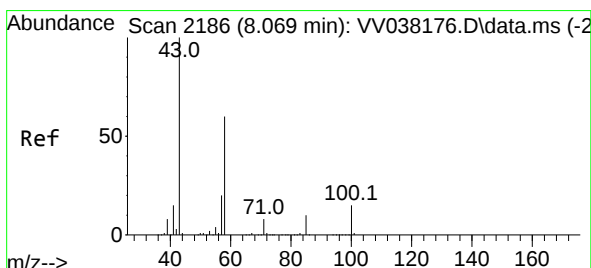
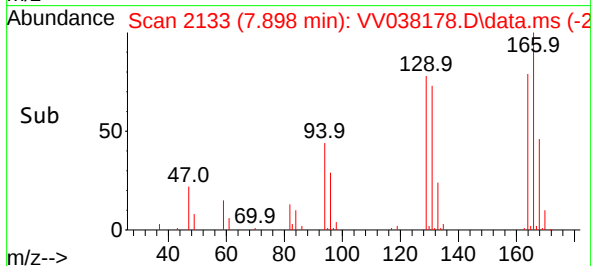
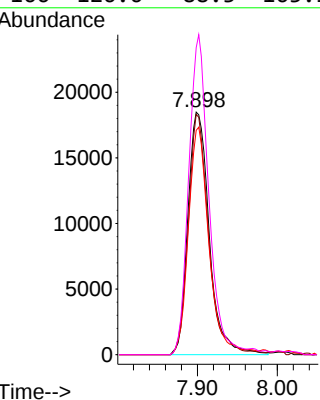
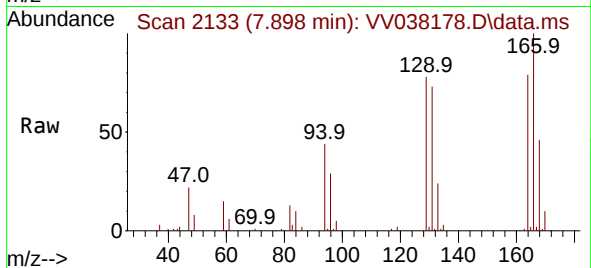
Ion Ratio Lower Upper

164 100

129 99.0 68.5 127.1

131 92.5 64.8 120.4

166 126.6 88.3 163.9



#48

2-Hexanone

Concen: 2.750 ug/L

RT: 8.017 min Scan# 2170

Delta R.T. -0.051 min

Lab File: VV038178.D

Acq: 19 Nov 2024 15:42

Tgt Ion: 43 Resp: 22507

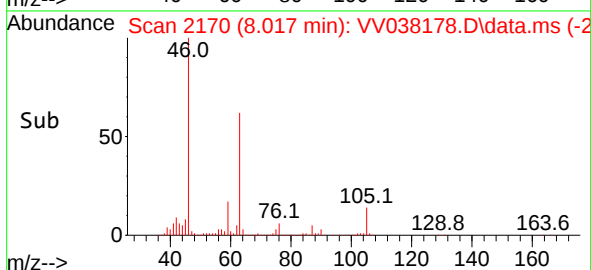
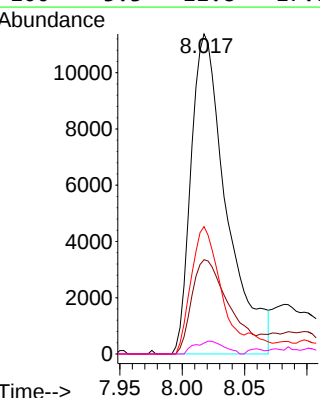
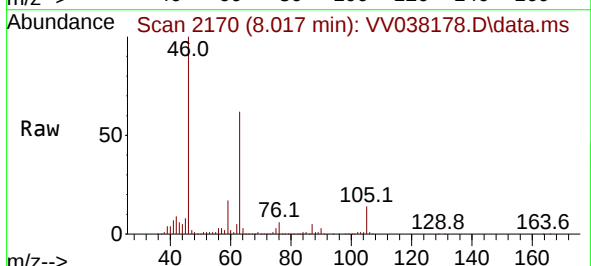
Ion Ratio Lower Upper

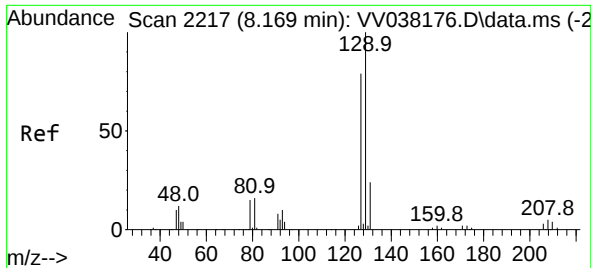
43 100

58 31.1 49.2 73.8#

57 33.2 16.9 25.3#

100 3.3 11.8 17.8#

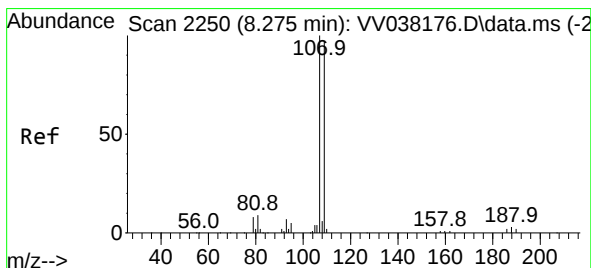
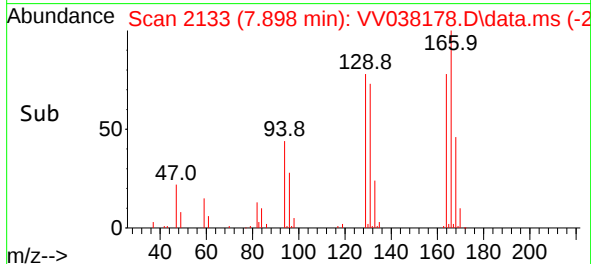
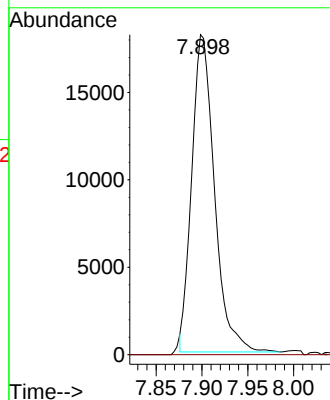
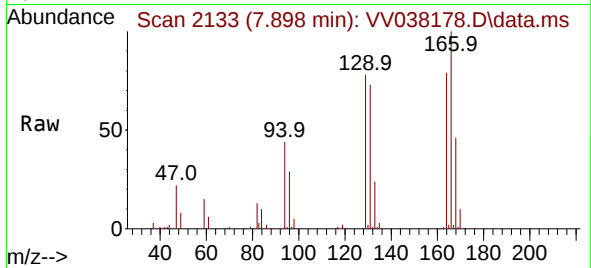




#49
Dibromochloromethane
Concen: 1.639 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. -0.270 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

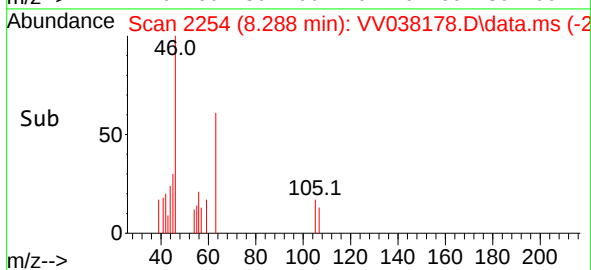
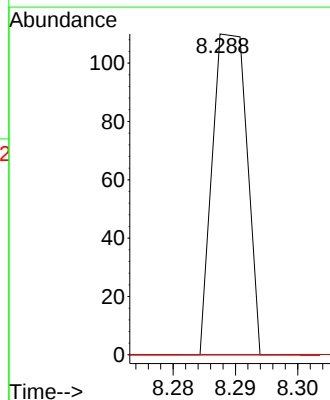
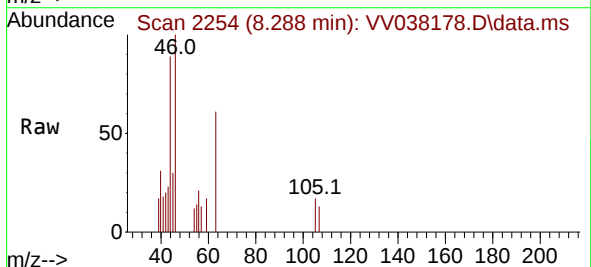
Instrument :
MSVOA_V
ClientSampleId :

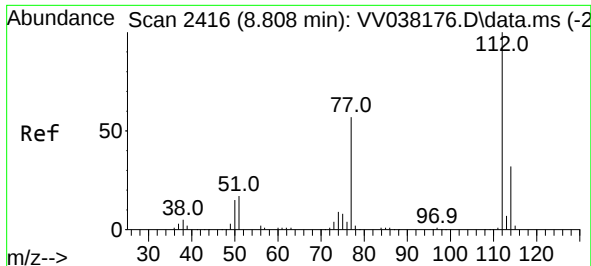
Tgt Ion:129 Resp: 31252
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



#50
1,2-Dibromoethane
Concen: 0.003 ug/L
RT: 8.288 min Scan# 2254
Delta R.T. 0.013 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

Tgt Ion:107 Resp: 42
Ion Ratio Lower Upper
107 100
109 0.0 66.1 122.7#
188 0.0 2.6 3.8#

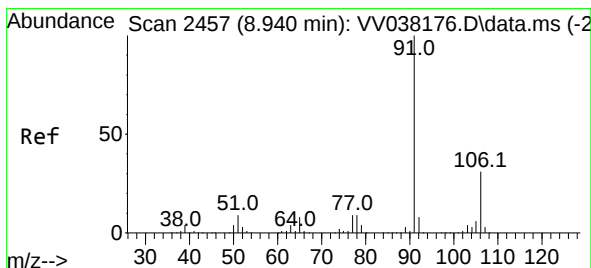
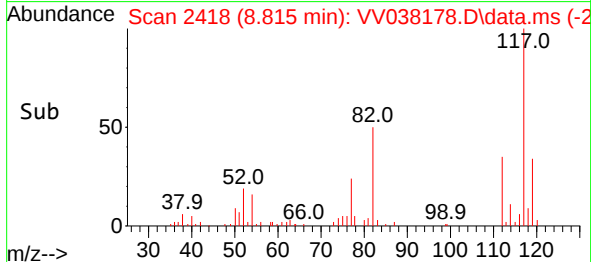
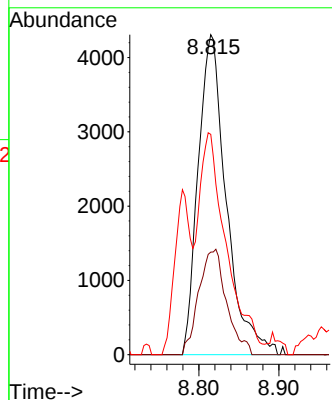
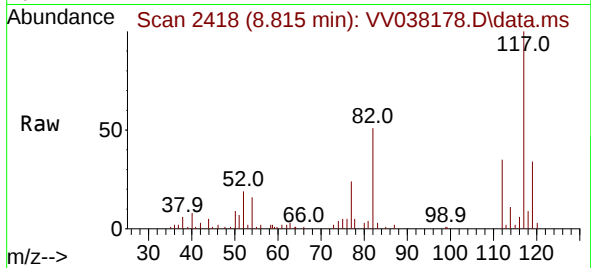




#51
Chlorobenzene
Concen: 0.168 ug/L
RT: 8.815 min Scan# 2416
Delta R.T. 0.006 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

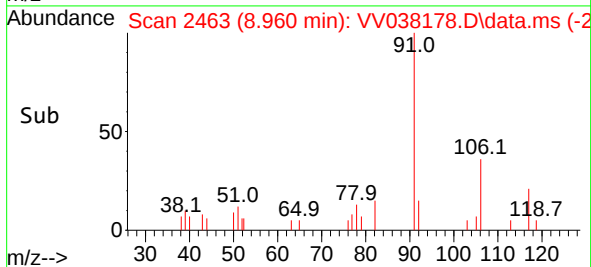
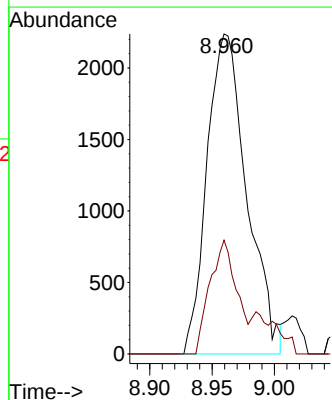
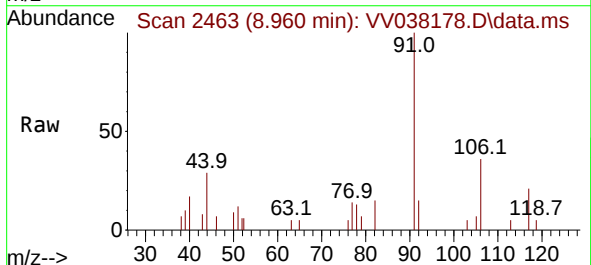
Instrument :
MSVOA_V
ClientSampleId :

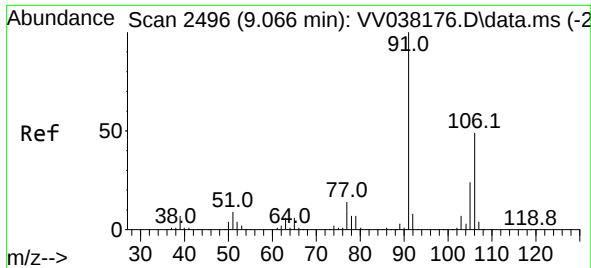
Tgt Ion:112 Resp: 10535
Ion Ratio Lower Upper
112 100
114 32.1 22.0 40.8
77 84.3 45.0 67.4#



#52
Ethylbenzene
Concen: 0.051 ug/L
RT: 8.960 min Scan# 2463
Delta R.T. 0.019 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

Tgt Ion: 91 Resp: 4978
Ion Ratio Lower Upper
91 100
106 35.6 21.8 40.4





#53

m,p-Xylene

Concen: 0.102 ug/L

RT: 9.078 min Scan# 21

Delta R.T. 0.013 min

Lab File: VV038178.D

Acq: 19 Nov 2024 15:42

Instrument :

MSVOA_V

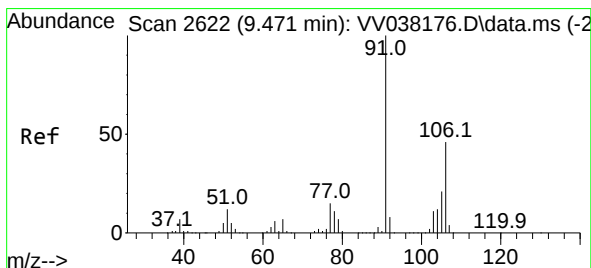
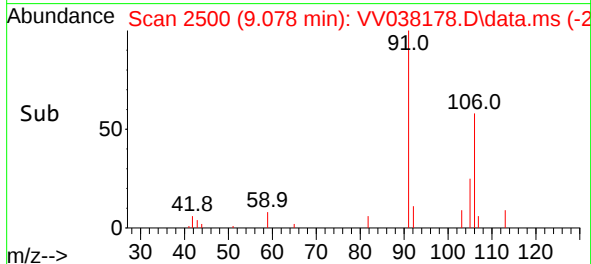
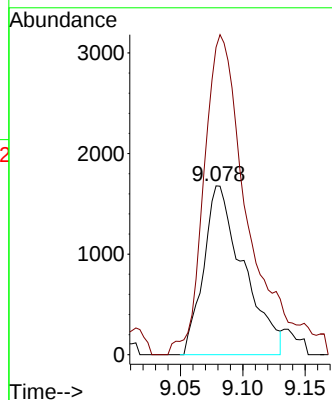
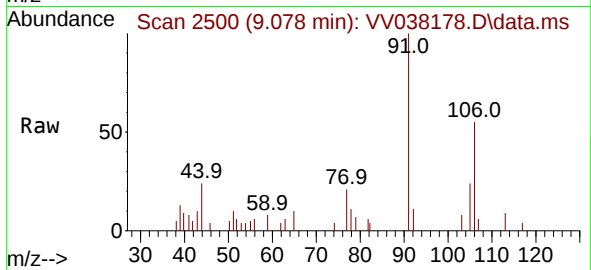
ClientSampleId :

Tgt Ion:106 Resp: 3738

Ion Ratio Lower Upper

106 100

91 182.0 138.7 257.5



#54

o-Xylene

Concen: 0.026 ug/L

RT: 9.484 min Scan# 2626

Delta R.T. 0.013 min

Lab File: VV038178.D

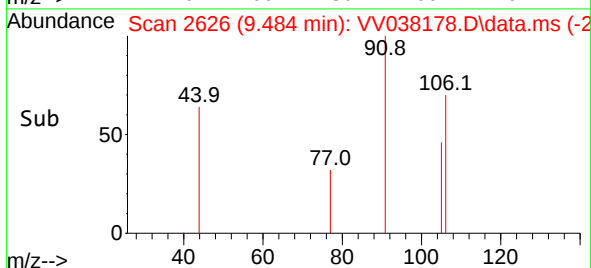
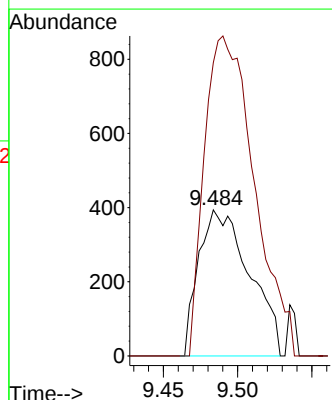
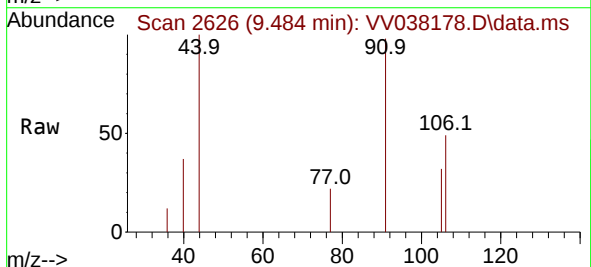
Acq: 19 Nov 2024 15:42

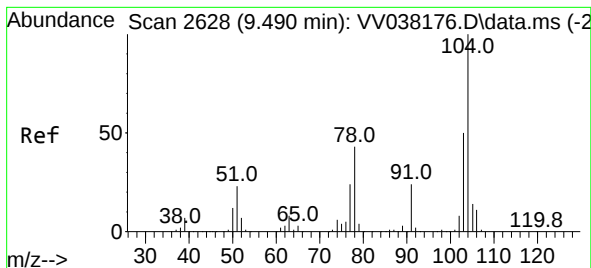
Tgt Ion:106 Resp: 939

Ion Ratio Lower Upper

106 100

91 200.8 155.5 288.7





#55

Styrene

Concen: 0.000 ug/L

RT: 9.561 min Scan# 20

Delta R.T. 0.071 min

Lab File: VV038178.D

Acq: 19 Nov 2024 15:42

Instrument :

MSVOA_V

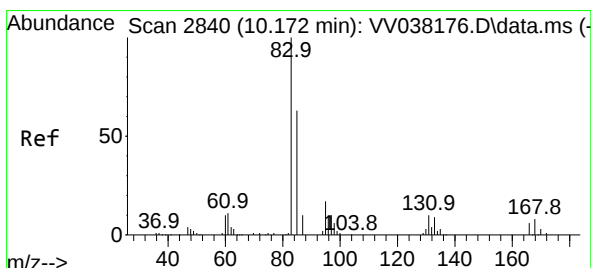
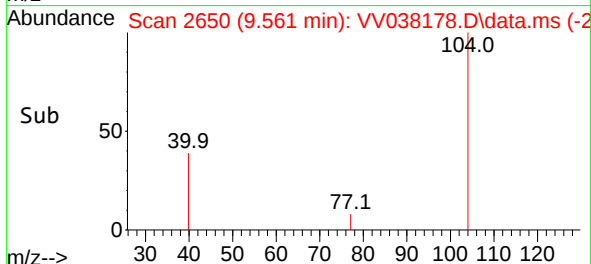
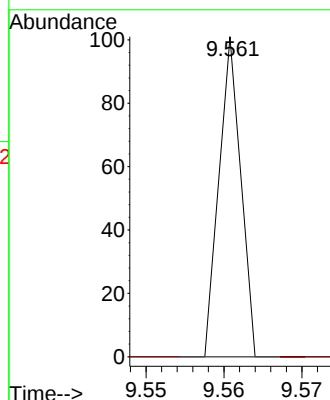
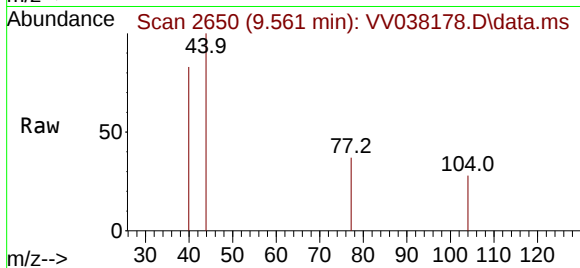
ClientSampleId :

Tgt Ion:104 Resp: 19

Ion Ratio Lower Upper

104 100

78 0.0 29.7 55.1#



#57

1,1,2,2-Tetrachloroethane

Concen: 0.109 ug/L

RT: 10.165 min Scan# 2838

Delta R.T. -0.006 min

Lab File: VV038178.D

Acq: 19 Nov 2024 15:42

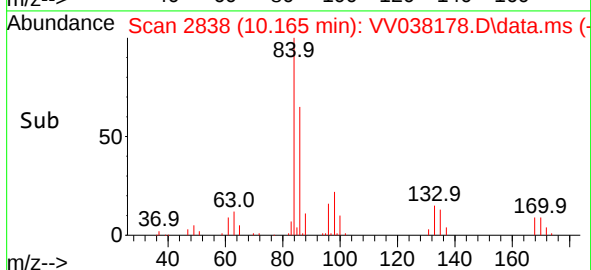
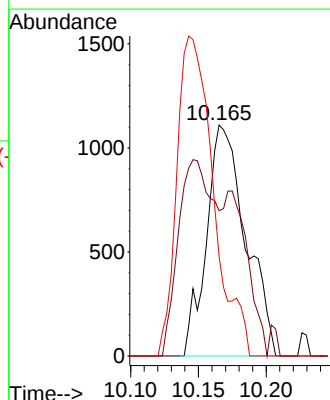
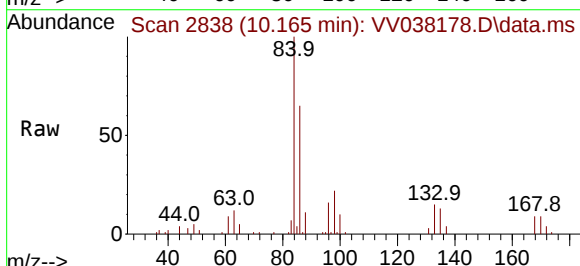
Tgt Ion: 83 Resp: 2234

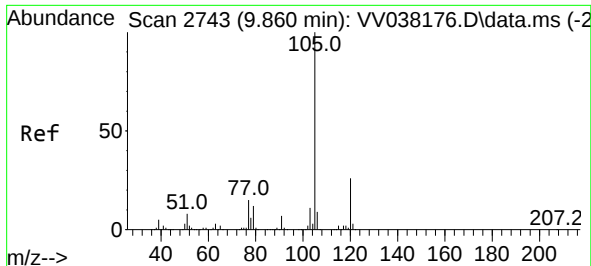
Ion Ratio Lower Upper

83 100

85 62.9 45.7 84.9

131 43.2 8.2 12.4#

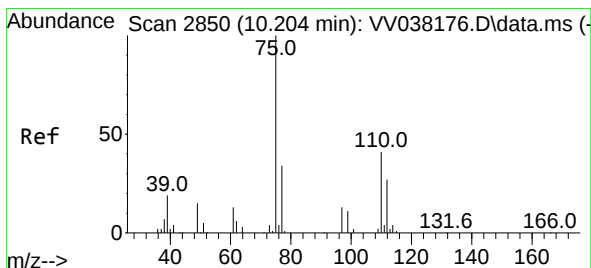
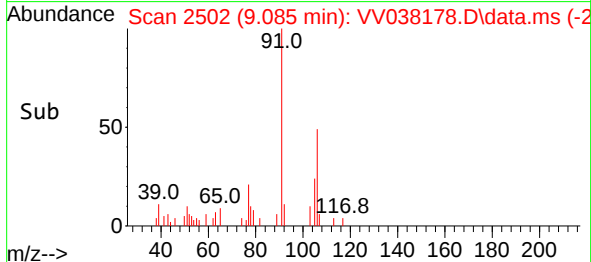
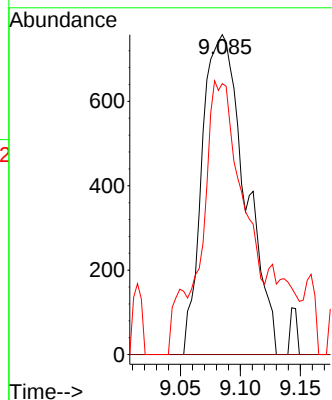
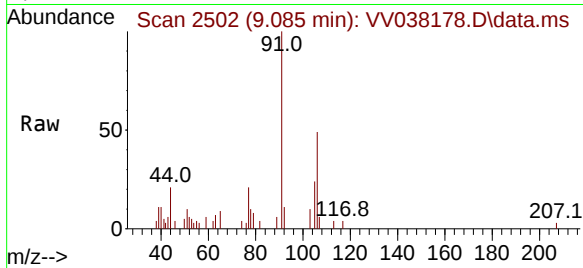




#60
Isopropylbenzene
Concen: 0.025 ug/L
RT: 9.085 min Scan# 21
Delta R.T. -0.775 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

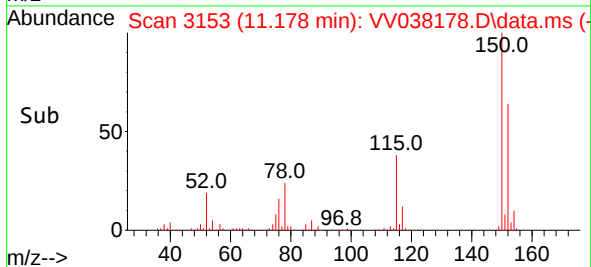
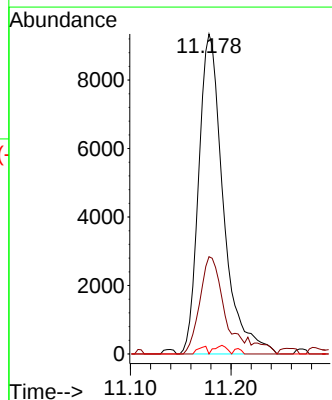
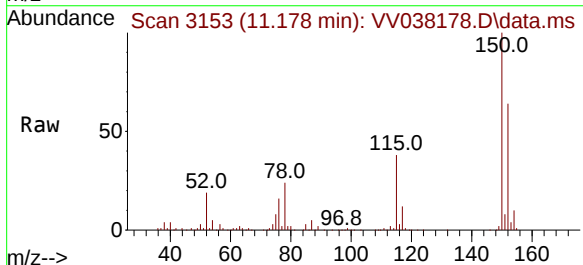
Instrument :
MSVOA_V
ClientSampleId :

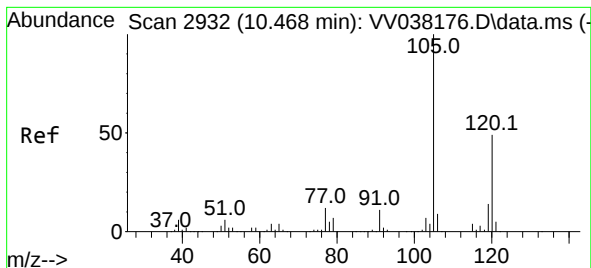
Tgt Ion:105 Resp: 1898
Ion Ratio Lower Upper
105 100
120 0.0 20.8 31.2#
77 60.7 12.2 18.2#



#61
1,2,3-Trichloropropane
Concen: 1.400 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.974 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

Tgt Ion: 75 Resp: 15848
Ion Ratio Lower Upper
75 100
77 30.9 26.4 39.6
110 0.9 32.3 48.5#





#62

1,3,5-Trimethylbenzene

Concen: 0.009 ug/L

RT: 10.484 min Scan# 2932

Delta R.T. 0.016 min

Lab File: VV038178.D

Acq: 19 Nov 2024 15:42

Instrument :

MSVOA_V

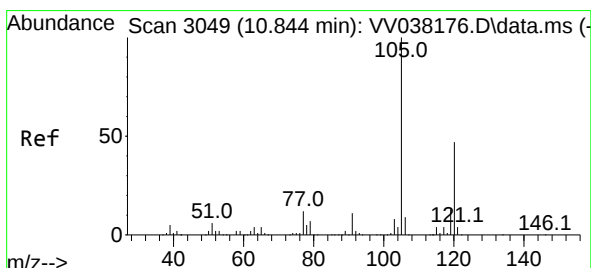
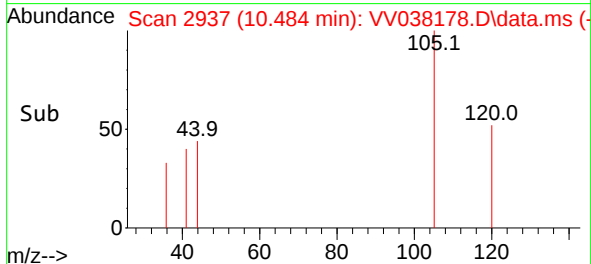
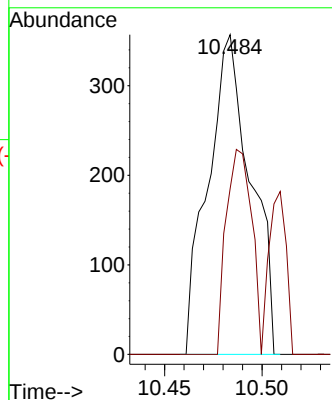
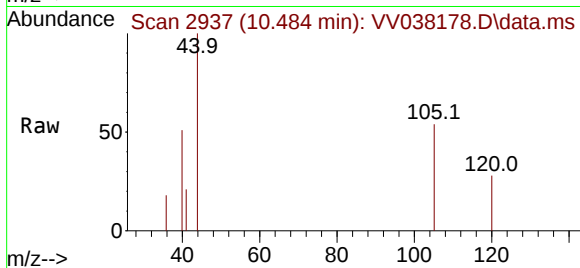
ClientSampleId :

Tgt Ion:105 Resp: 546

Ion Ratio Lower Upper

105 100

120 38.1 39.2 58.8#



#63

1,2,4-Trimethylbenzene

Concen: 0.007 ug/L

RT: 10.869 min Scan# 3057

Delta R.T. 0.026 min

Lab File: VV038178.D

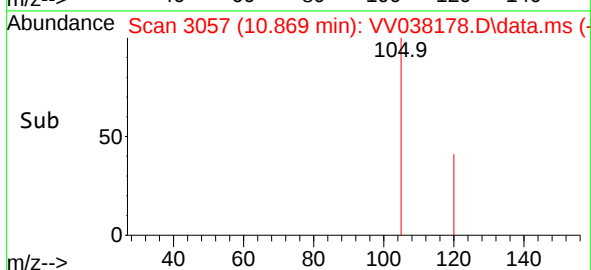
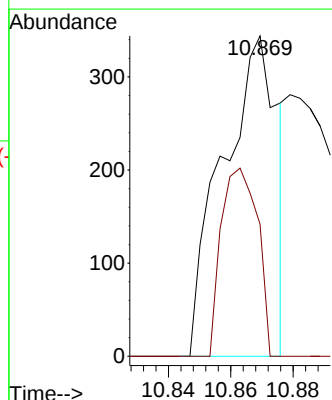
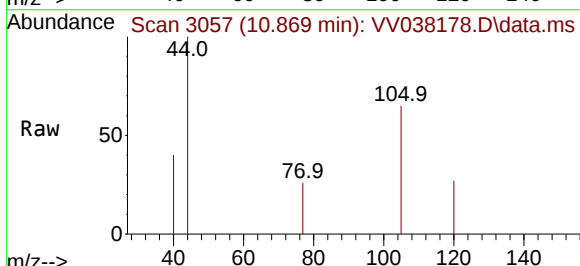
Acq: 19 Nov 2024 15:42

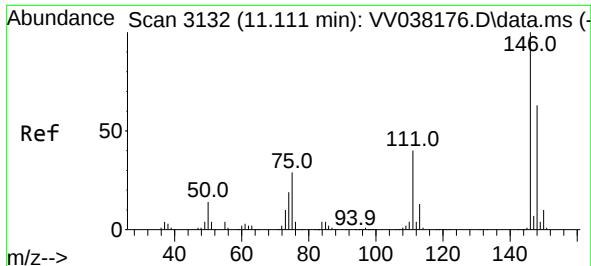
Tgt Ion:105 Resp: 419

Ion Ratio Lower Upper

105 100

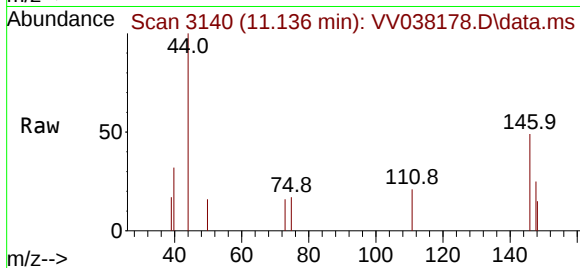
120 39.1 37.0 55.4



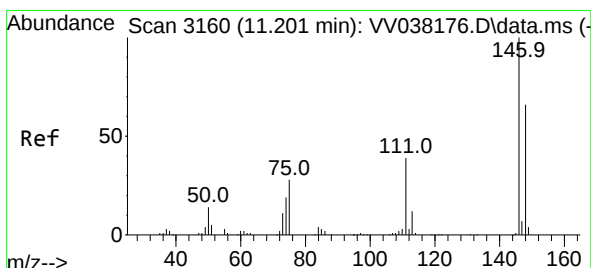
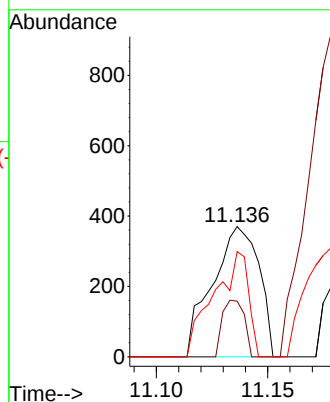
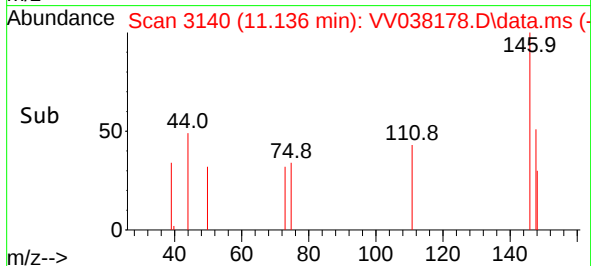


#64
1,3-Dichlorobenzene
Concen: 0.013 ug/L
RT: 11.136 min Scan# 3113
Delta R.T. 0.026 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42

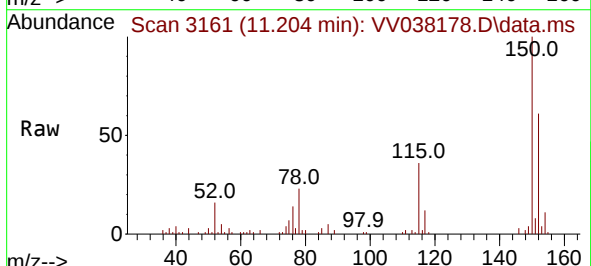
Instrument :
MSVOA_V
ClientSampleId :



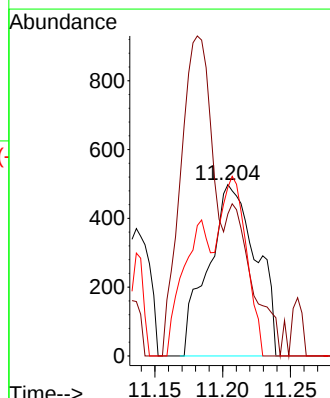
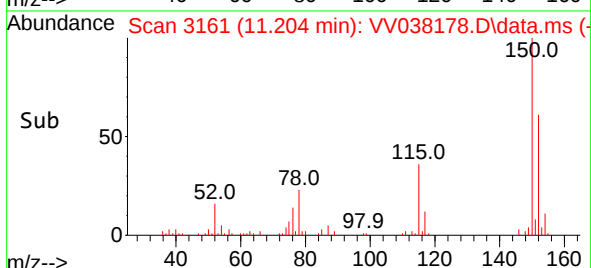
Tgt Ion:146 Resp: 540
Ion Ratio Lower Upper
146 100
111 42.7 28.2 52.4
148 80.8 44.2 82.2

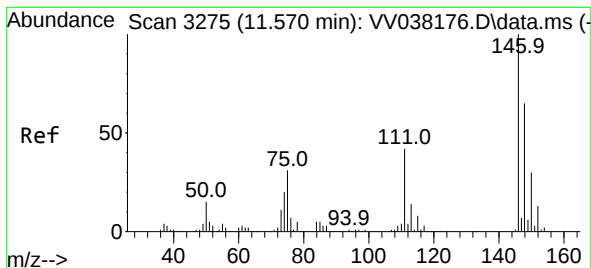


#65
1,4-Dichlorobenzene
Concen: 0.030 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.003 min
Lab File: VV038178.D
Acq: 19 Nov 2024 15:42



Tgt Ion:146 Resp: 1220
Ion Ratio Lower Upper
146 100
111 82.9 27.4 50.8#
148 98.4 44.4 82.4#





#67

1,2-Dichlorobenzene

Concen: 0.077 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV038178.D

Acq: 19 Nov 2024 15:42

Instrument :

MSVOA_V

ClientSampleId :

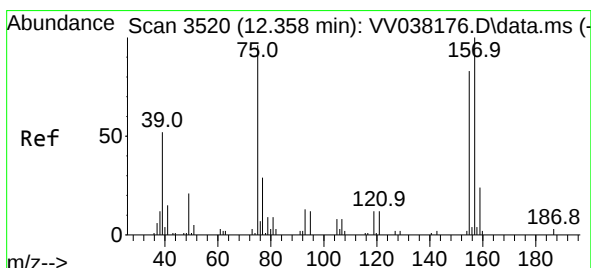
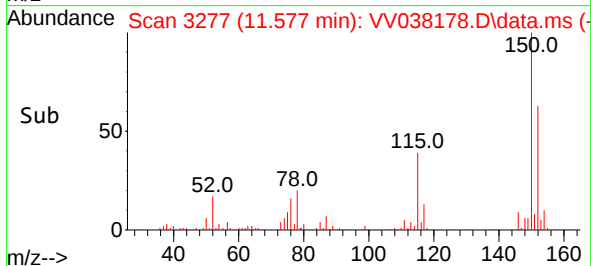
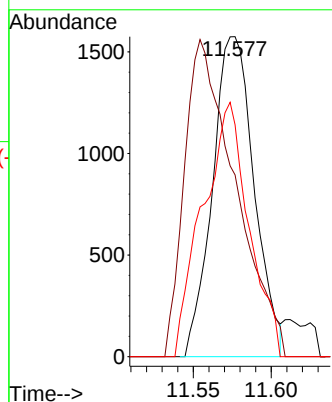
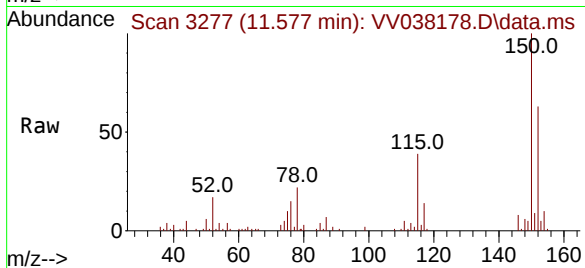
Tgt Ion:146 Resp: 2929

Ion Ratio Lower Upper

146 100

111 56.8 34.2 51.2#

148 72.4 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.052 ug/L

RT: 12.606 min Scan# 3597

Delta R.T. 0.248 min

Lab File: VV038178.D

Acq: 19 Nov 2024 15:42

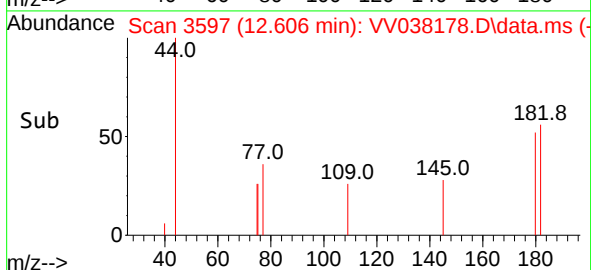
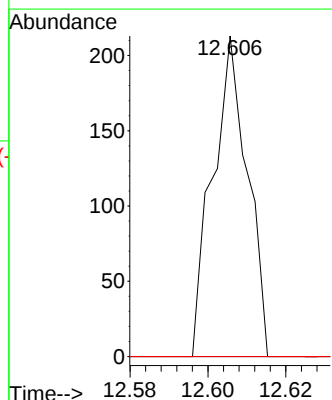
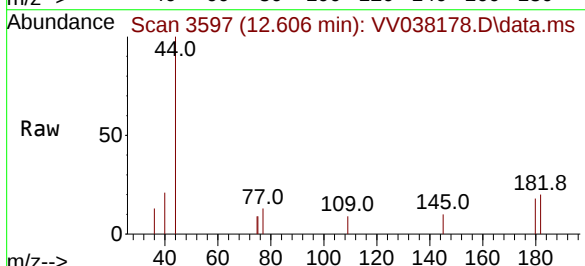
Tgt Ion: 75 Resp: 132

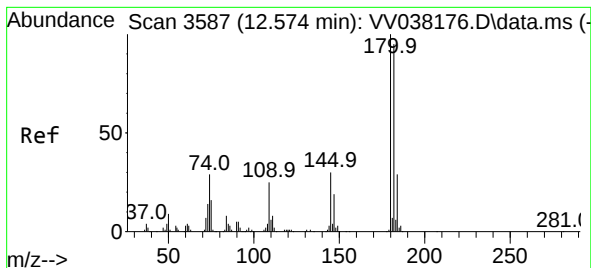
Ion Ratio Lower Upper

75 100

155 0.0 67.5 101.3#

157 0.0 82.7 124.1#





#69

1,3,5-Trichlorobenzene

Concen: 0.018 ug/L

RT: 12.596 min Scan# 3

Delta R.T. 0.022 min

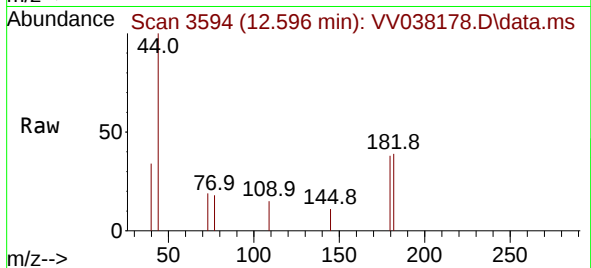
Lab File: VV038178.D

Acq: 19 Nov 2024 15:42

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 533

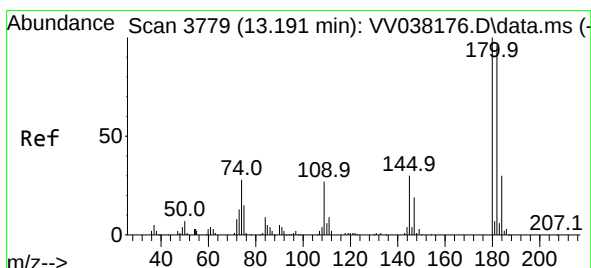
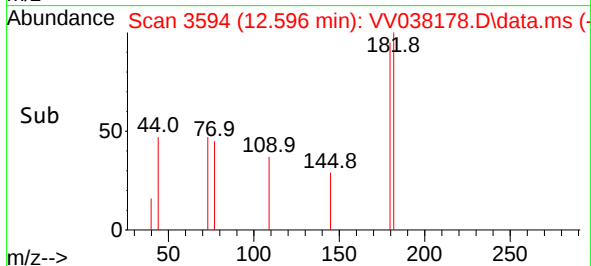
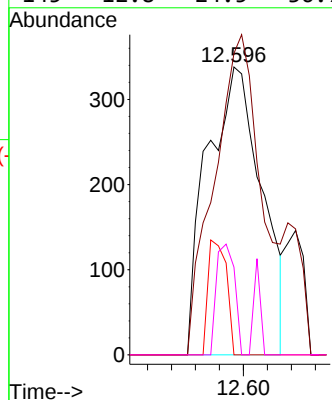
Ion Ratio Lower Upper

180 100

182 96.4 76.0 114.0

184 13.5 23.7 35.5#

145 12.8 24.5 36.7#



#70

1,2,4-trichlorobenzene

Concen: 0.038 ug/L

RT: 13.213 min Scan# 3786

Delta R.T. 0.022 min

Lab File: VV038178.D

Acq: 19 Nov 2024 15:42

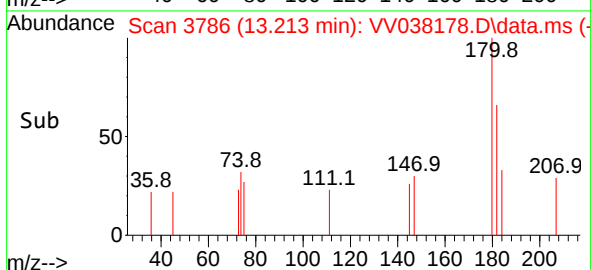
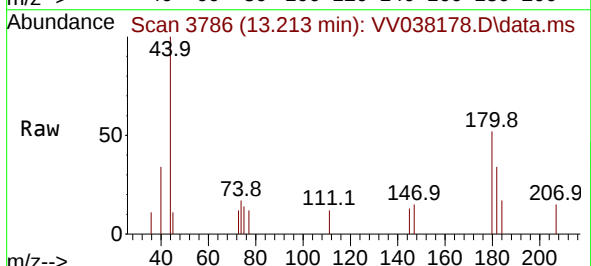
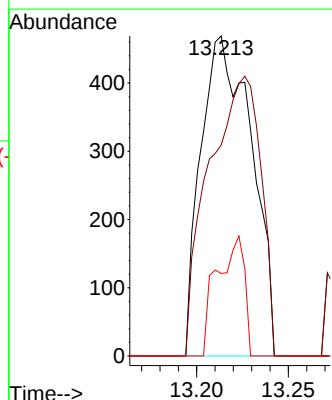
Tgt Ion:180 Resp: 900

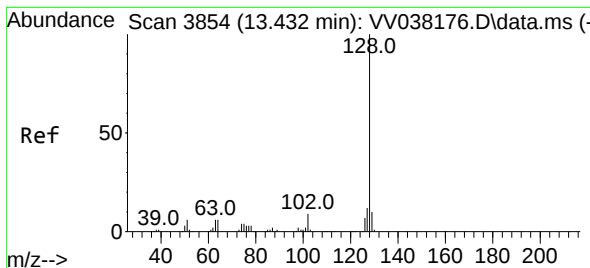
Ion Ratio Lower Upper

180 100

182 89.6 73.8 110.8

145 20.2 24.6 37.0#





#71

Naphthalene

Concen: 0.053 ug/L

RT: 13.467 min Scan# 3935

Delta R.T. 0.035 min

Lab File: VV038178.D

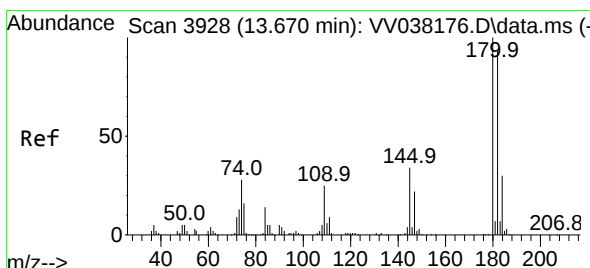
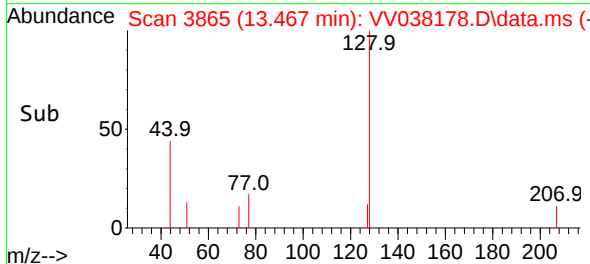
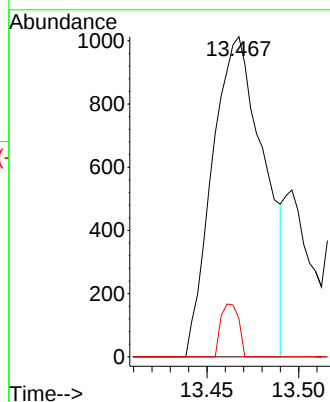
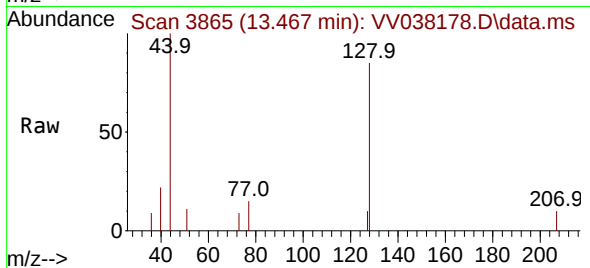
Acq: 19 Nov 2024 15:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	1986
Ion Ratio	Lower	Upper	
128	100		
129	0.0	8.5	12.7#
127	5.6	10.1	15.1#



#72

1,2,3-Trichlorobenzene

Concen: 0.030 ug/L

RT: 13.692 min Scan# 3935

Delta R.T. 0.022 min

Lab File: VV038178.D

Acq: 19 Nov 2024 15:42

Tgt Ion:	180	Resp:	657
Ion Ratio	Lower	Upper	
180	100		
182	80.4	75.1	112.7
145	26.2	27.0	40.4#

