

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038184.D
 Acq On : 19 Nov 2024 18:08
 Operator : SY/MD
 Sample : P4882-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 00:15:54 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	245698	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	261549	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	114286	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	80988	4.301	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.529	69	76375	5.014	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.053	65	35988	4.441	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	3.780	46	197305	52.373	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.740%
24) Chloroform-d	4.239	84	178817	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	4.937	65	90447	5.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
32) Benzene-d6	4.953	84	324972	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	5.982	67	104754	5.036	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.239	98	260925	4.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.554	79	35979	4.652	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.017	63	170317	56.655	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.320%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	91389	5.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	108571	5.576	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	126	0.005	ug/L #	42
3) Chloromethane	1.214	50	3460	0.173	ug/L	98
5) Vinyl chloride	1.278	62	534	0.024	ug/L #	1
6) Bromomethane	1.484	94	689	0.078	ug/L	81
8) Chloroethane	1.542	64	1119	0.077	ug/L #	63
9) Trichlorofluoromethane	1.709	101	1528	0.047	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	2254	0.122	ug/L #	68
12) 1,1-Dichloroethene	2.053	96	1452	0.083	ug/L #	1
14) Carbon disulfide	2.233	76	944	0.017	ug/L #	75
15) Methyl Acetate	2.452	43	219	0.032	ug/L #	47
16) Methylene chloride	2.442	84	16842	0.842	ug/L	98
17) Methyl tert-butyl Ether	2.690	73	170	0.004	ug/L #	5
18) trans-1,2-Dichloroethene	2.687	96	176	0.010	ug/L #	1
19) 1,1-Dichloroethane	3.108	63	211	0.006	ug/L #	88
21) 2-Butanone	3.876	43	200	0.050	ug/L #	49
22) cis-1,2-Dichloroethene	3.802	96	635	0.033	ug/L	80
25) Chloroform	4.272	83	2143	0.060	ug/L	94
27) 1,2-Dichloroethane	5.063	62	914	0.047	ug/L #	72
29) 1,1,1-Trichloroethane	4.510	97	12013	0.383	ug/L	96

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

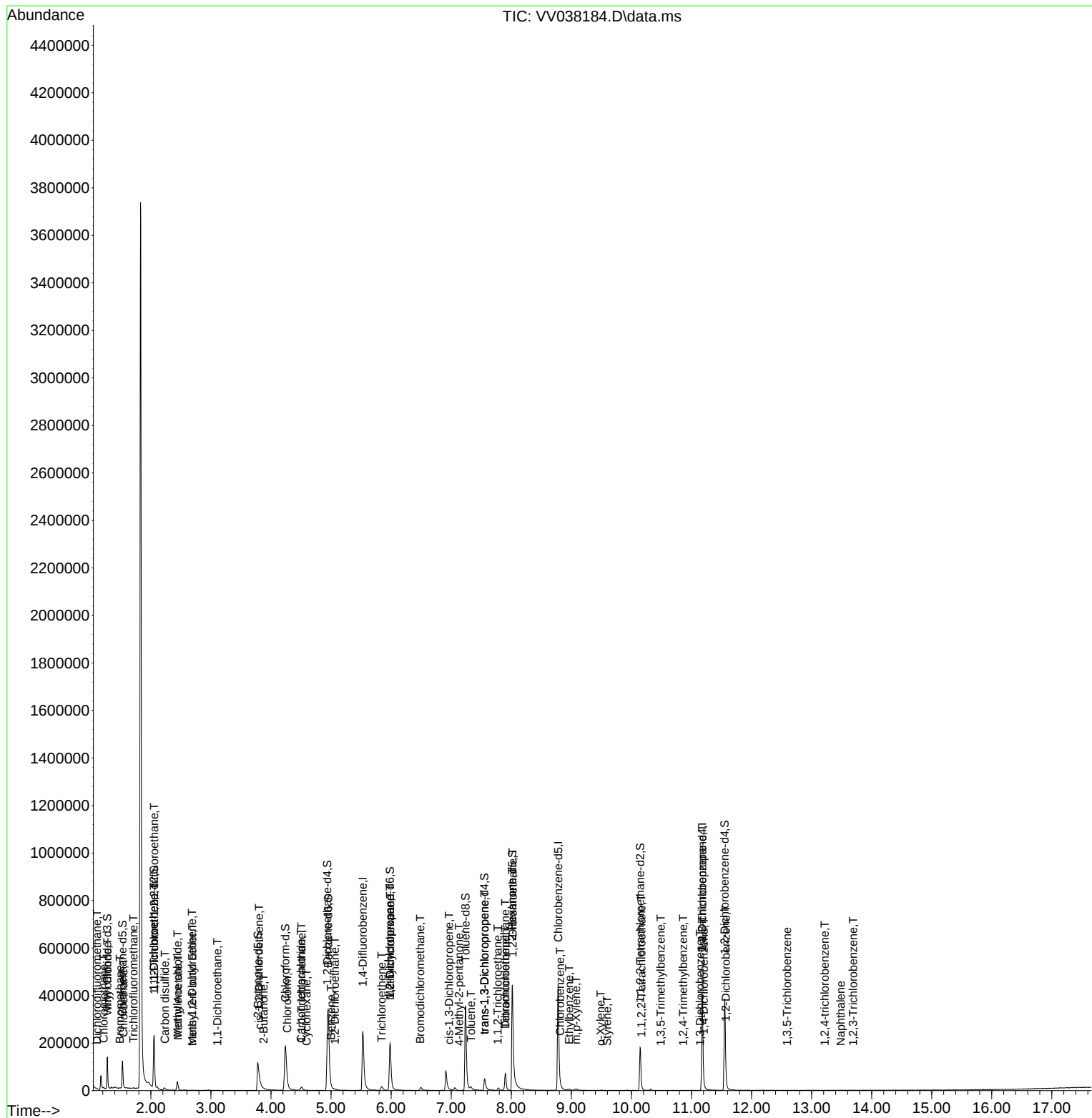
30) Cyclohexane	4.590	56	21	0.001	ug/L #	13
31) Carbon tetrachloride	4.503	117	1653	0.060	ug/L #	40
33) Benzene	5.002	78	272	0.004	ug/L	100
34) Trichloroethene	5.844	95	5772	0.288	ug/L	91
35) Methylcyclohexane	5.985	83	26989	0.953	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	10898	0.592	ug/L #	86
38) Bromodichloromethane	6.484	83	159	0.006	ug/L #	26
39) cis-1,3-Dichloropropene	6.966	75	148	0.006	ug/L #	52
40) 4-Methyl-2-pentanone	7.133	43	276	0.029	ug/L #	41
42) Toluene	7.329	91	12291	0.158	ug/L	89
44) trans-1,3-Dichloropropene	7.558	75	1735	0.080	ug/L #	67
45) 1,1,2-Trichloroethane	7.773	97	200	0.013	ug/L #	1
47) Tetrachloroethene	7.902	164	17405	1.082	ug/L	97
48) 2-Hexanone	8.017	43	18924	2.709	ug/L #	67
49) Dibromochloromethane	7.902	129	17070	1.049	ug/L #	11
50) 1,2-Dibromoethane	8.024	107	20	0.001	ug/L #	5
51) Chlorobenzene	8.815	112	9002	0.168	ug/L	90
52) Ethylbenzene	8.963	91	3730	0.045	ug/L	99
53) m,p-Xylene	9.082	106	2040	0.065	ug/L	79
54) o-Xylene	9.487	106	512	0.017	ug/L #	44
55) Styrene	9.596	104	62	0.001	ug/L #	33
57) 1,1,2,2-Tetrachloroethane	10.169	83	2045	0.117	ug/L #	79
61) 1,2,3-Trichloropropane	11.178	75	12916	1.320	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.487	105	237	0.005	ug/L #	28
63) 1,2,4-Trimethylbenzene	10.863	105	244	0.005	ug/L #	70
64) 1,3-Dichlorobenzene	11.143	146	255	0.007	ug/L #	57
65) 1,4-Dichlorobenzene	11.207	146	758	0.021	ug/L #	74
67) 1,2-Dichlorobenzene	11.574	146	2399	0.073	ug/L #	73
69) 1,3,5-Trichlorobenzene	12.593	180	84	0.003	ug/L #	19
70) 1,2,4-trichlorobenzene	13.220	180	126	0.006	ug/L #	56
71) Naphthalene	13.483	128	798	0.025	ug/L #	70
72) 1,2,3-Trichlorobenzene	13.692	180	158	0.008	ug/L #	76

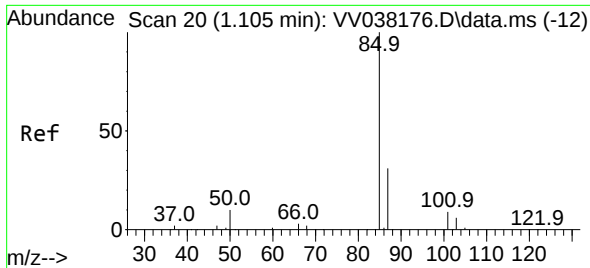
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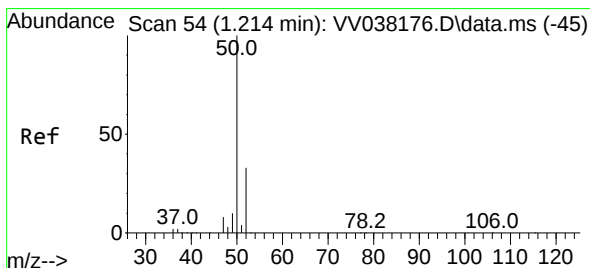
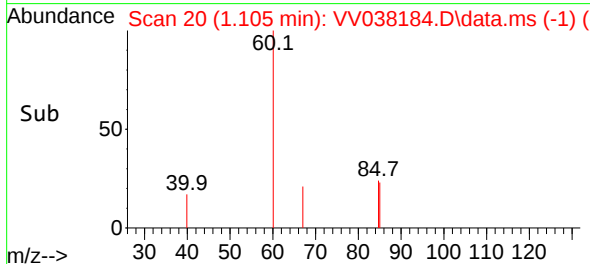
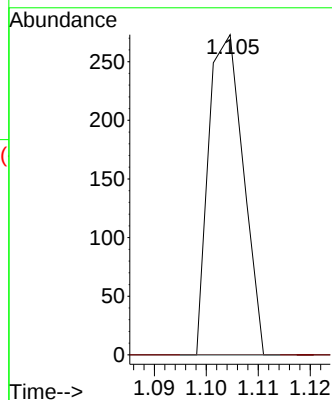
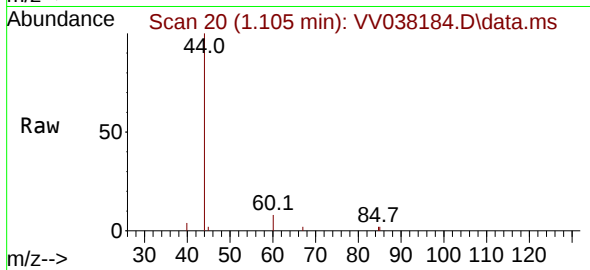




#2
 Dichlorodifluoromethane
 Concen: 0.005 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038184.D
 Acq: 19 Nov 2024 18:08

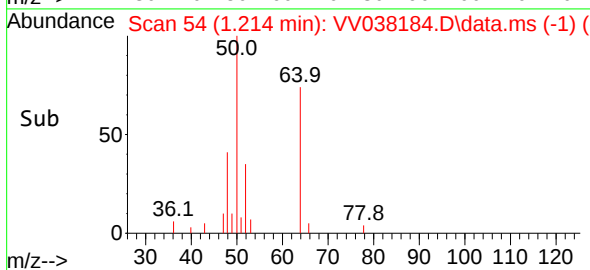
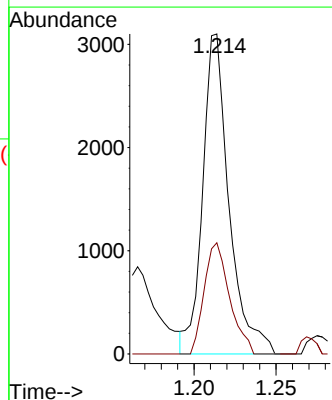
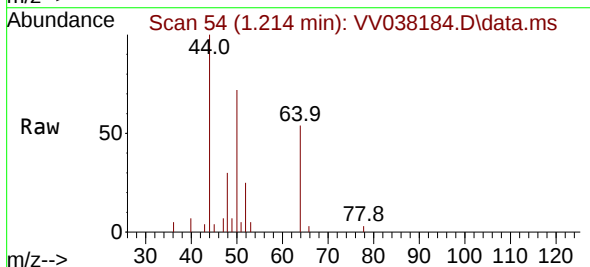
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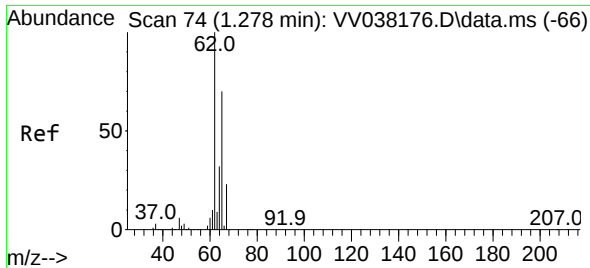
Tgt Ion: 85 Resp: 126
 Ion Ratio Lower Upper
 85 100
 87 0.0 26.5 39.7#



#3
 Chloromethane
 Concen: 0.173 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038184.D
 Acq: 19 Nov 2024 18:08

Tgt Ion: 50 Resp: 3460
 Ion Ratio Lower Upper
 50 100
 52 34.8 23.5 43.7

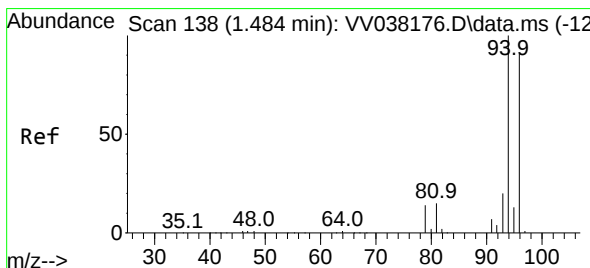
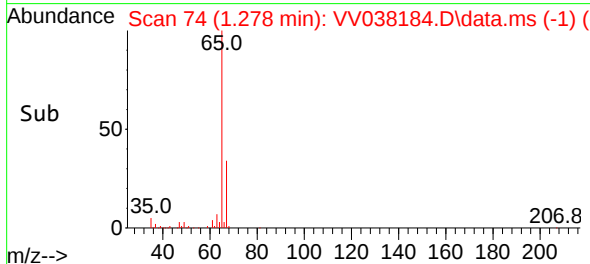
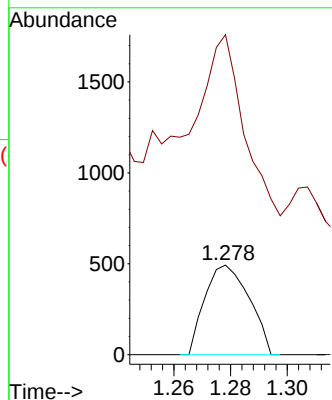
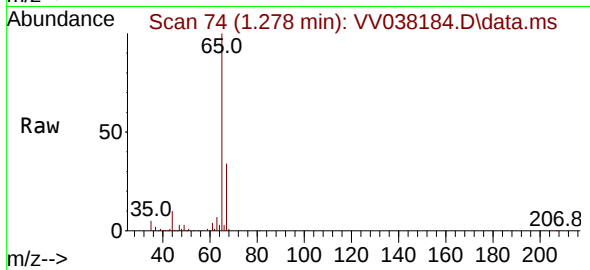




#5
 Vinyl chloride
 Concen: 0.024 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV038184.D
 Acq: 19 Nov 2024 18:08

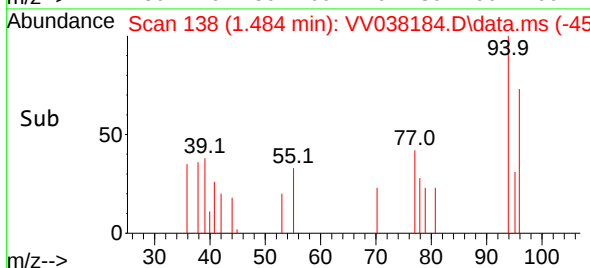
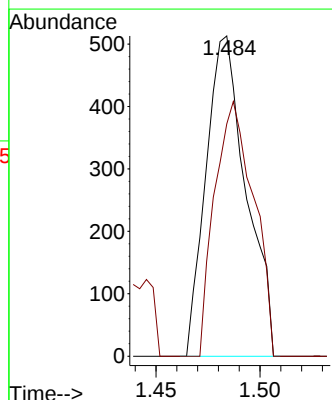
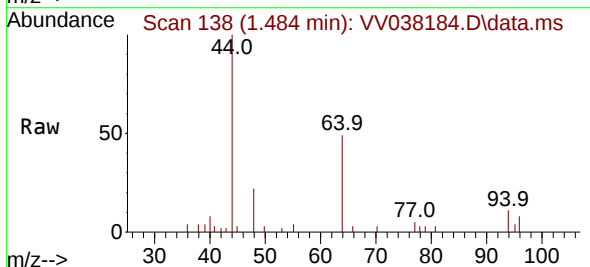
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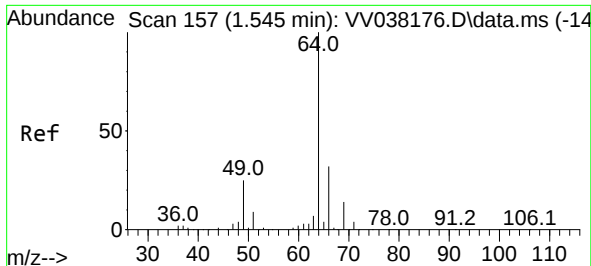
Tgt Ion: 62 Resp: 534
 Ion Ratio Lower Upper
 62 100
 64 357.0 24.4 45.4#



#6
 Bromomethane
 Concen: 0.078 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV038184.D
 Acq: 19 Nov 2024 18:08

Tgt Ion: 94 Resp: 689
 Ion Ratio Lower Upper
 94 100
 96 72.5 63.7 118.3

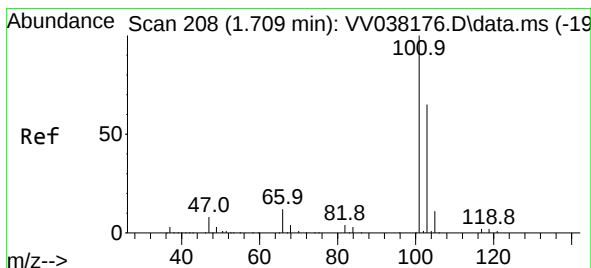
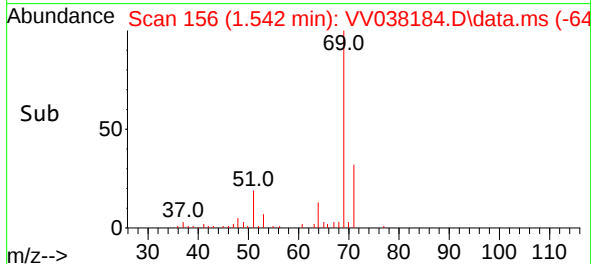
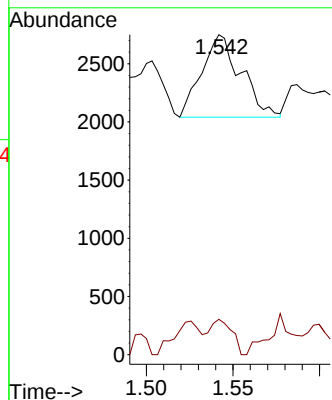
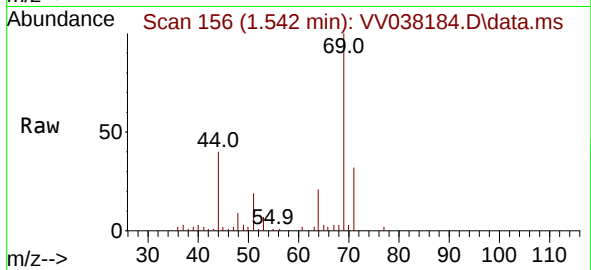




#8
Chloroethane
Concen: 0.077 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

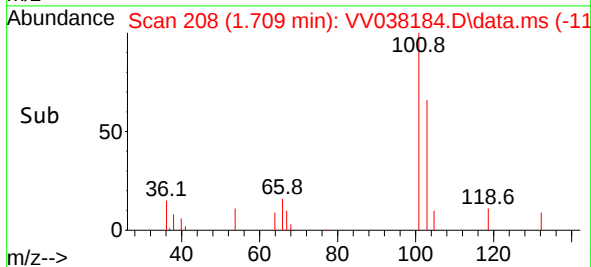
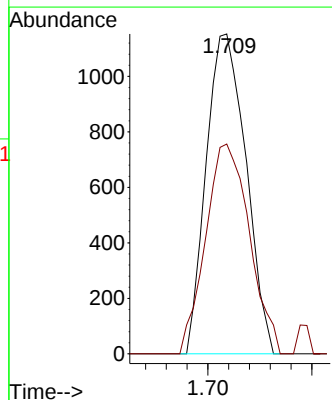
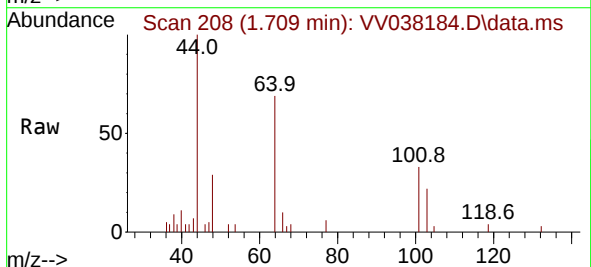
Instrument :
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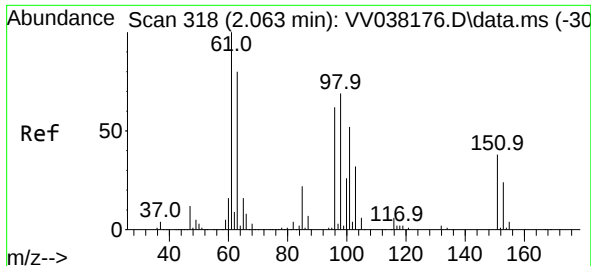
Tgt Ion: 64 Resp: 1119
Ion Ratio Lower Upper
64 100
66 11.0 22.0 40.8#



#9
Trichlorofluoromethane
Concen: 0.047 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

Tgt Ion: 101 Resp: 1528
Ion Ratio Lower Upper
101 100
103 72.5 51.5 77.3

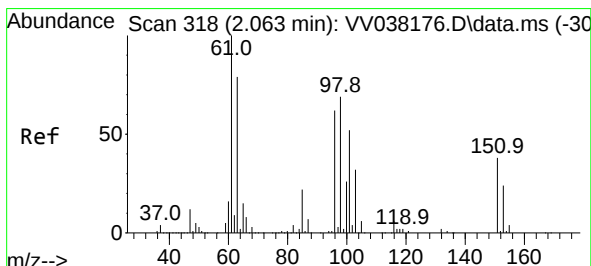
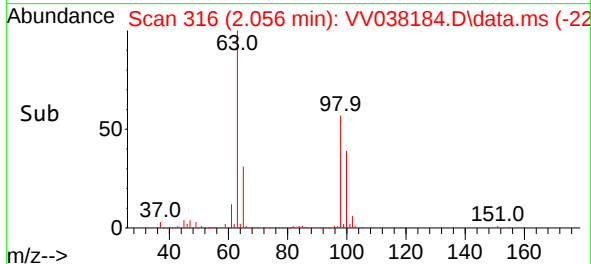
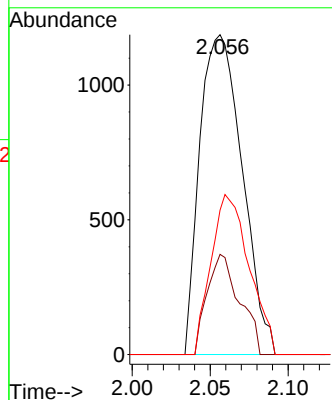
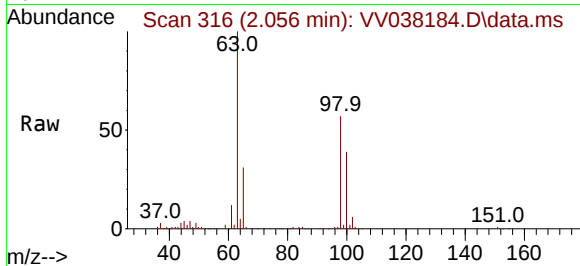




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.122 ug/L
RT: 2.056 min Scan# 316
Delta R.T. -0.006 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

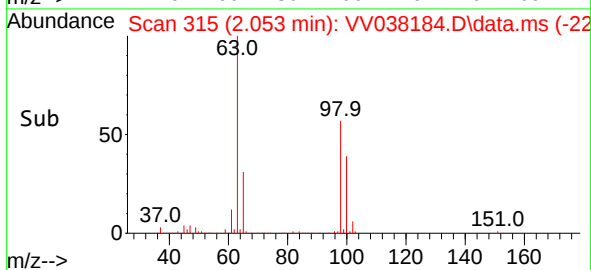
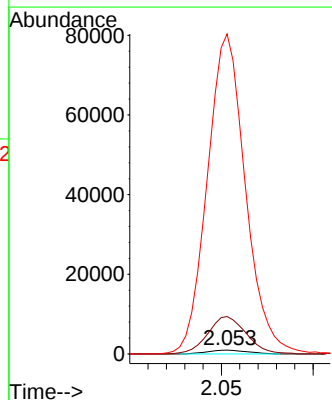
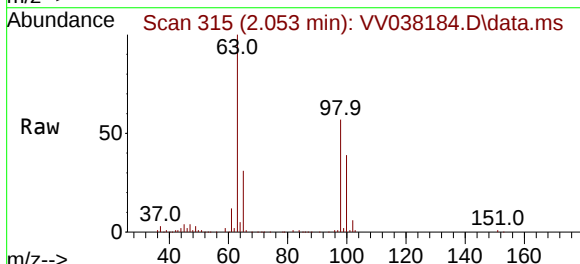
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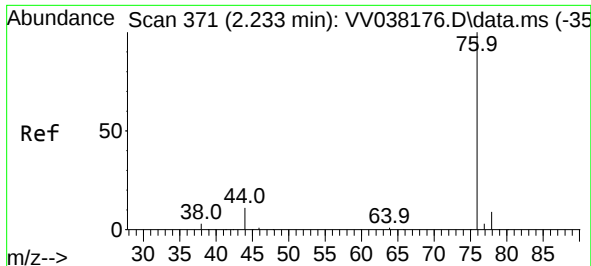
Tgt Ion:101 Resp: 2254
Ion Ratio Lower Upper
101 100
85 24.0 33.4 50.0#
151 44.9 58.8 88.2#



#12
1,1-Dichloroethene
Concen: 0.083 ug/L
RT: 2.053 min Scan# 315
Delta R.T. -0.010 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

Tgt Ion: 96 Resp: 1452
Ion Ratio Lower Upper
96 100
61 989.3 115.7 214.9#
63 8448.4 101.1 187.7#





#14

Carbon disulfide

Concen: 0.017 ug/L

RT: 2.233 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038184.D

Acq: 19 Nov 2024 18:08

Instrument :

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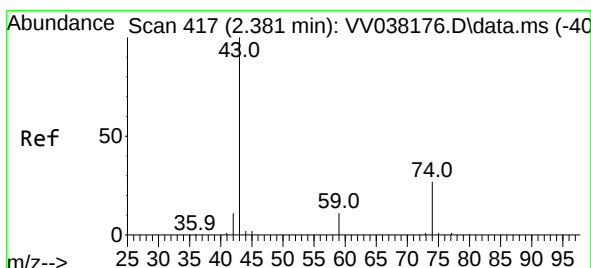
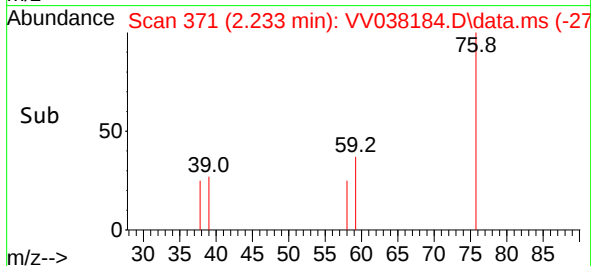
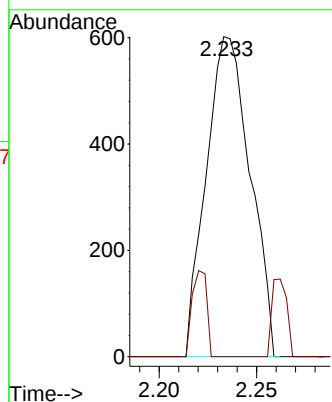
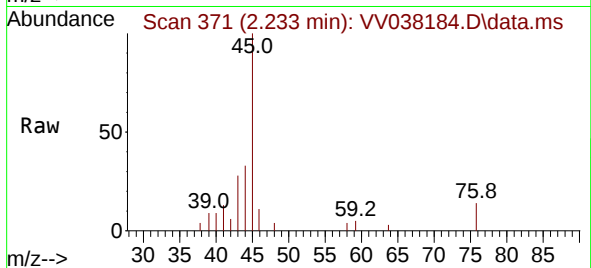
ClientSampleId :

Tgt Ion: 76 Resp: 944

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



#15

Methyl Acetate

Concen: 0.032 ug/L

RT: 2.452 min Scan# 439

Delta R.T. 0.071 min

Lab File: VV038184.D

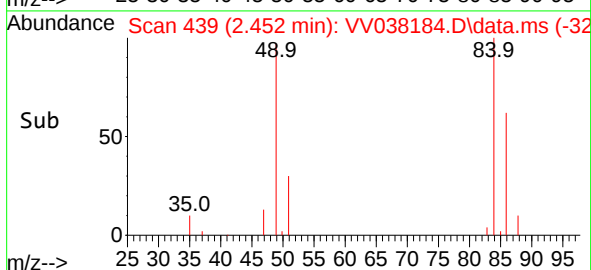
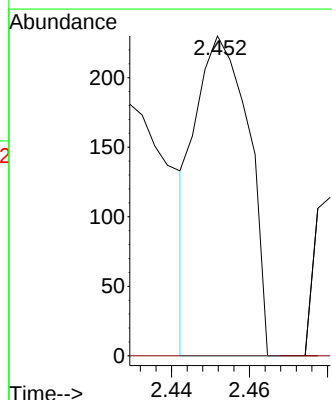
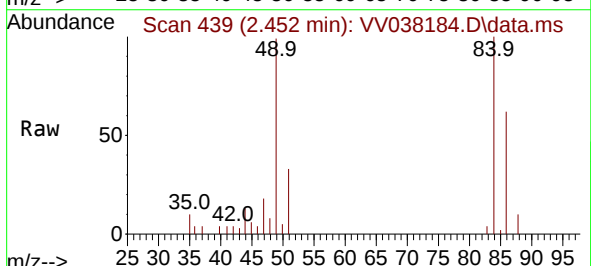
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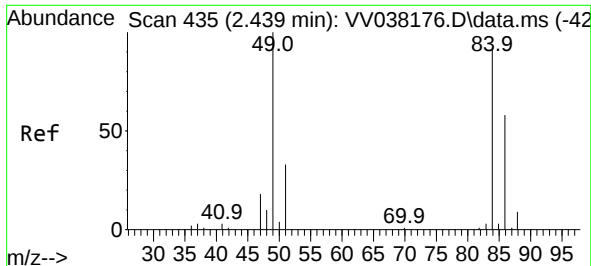
Tgt Ion: 43 Resp: 219

Ion Ratio Lower Upper

43 100

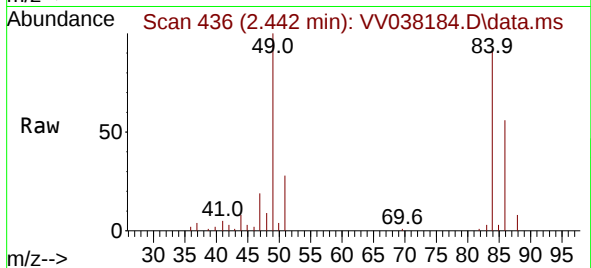
74 0.0 22.4 33.6#





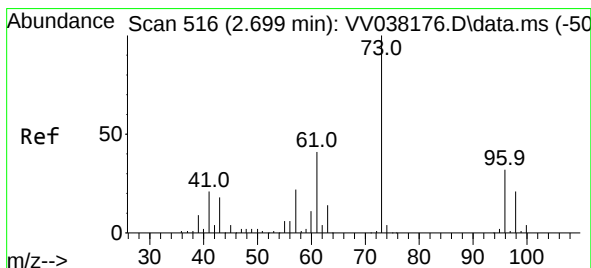
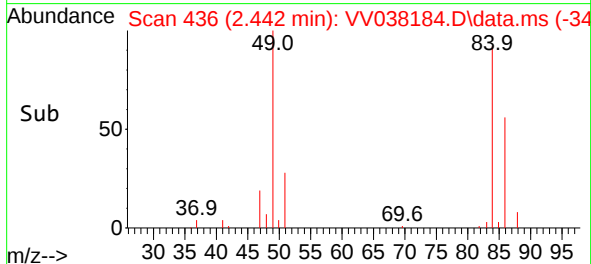
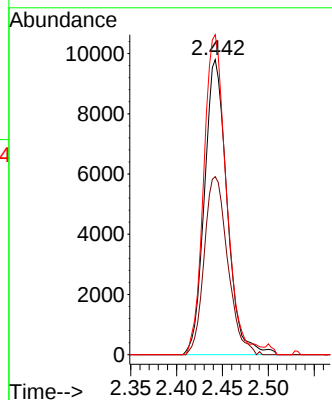
#16
Methylene chloride
Concen: 0.842 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 16842

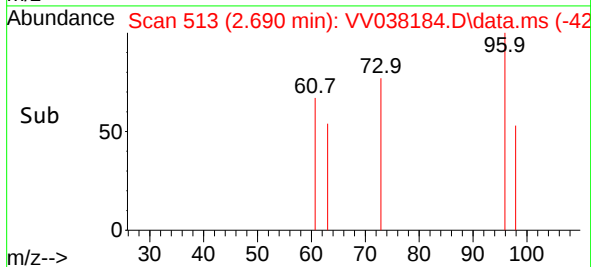
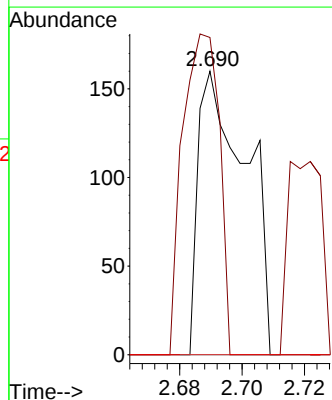
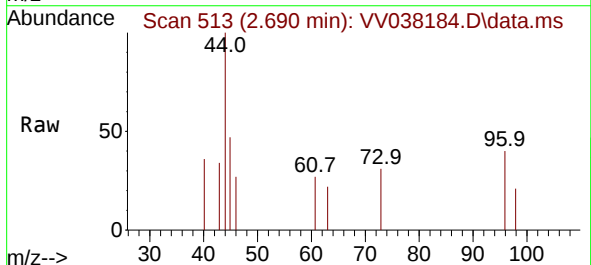
Ion	Ratio	Lower	Upper
84	100		
86	60.3	44.2	82.2
49	108.4	74.9	139.1

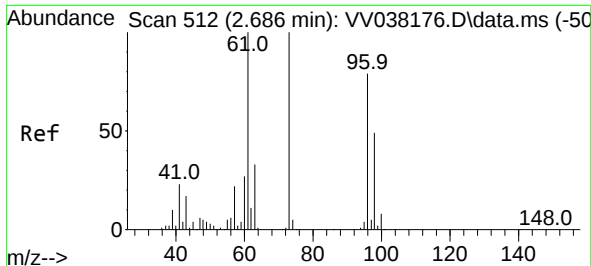


#17
Methyl tert-butyl Ether
Concen: 0.004 ug/L
RT: 2.690 min Scan# 513
Delta R.T. -0.010 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

Tgt Ion: 73 Resp: 170

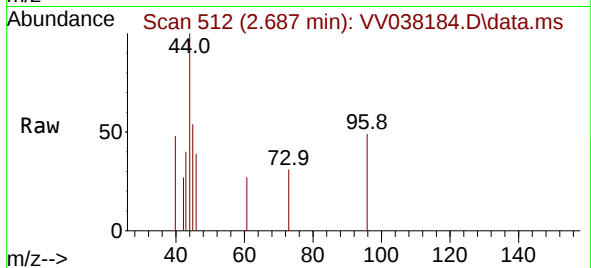
Ion	Ratio	Lower	Upper
73	100		
43	86.5	14.2	21.2#
57	0.0	17.6	26.4#



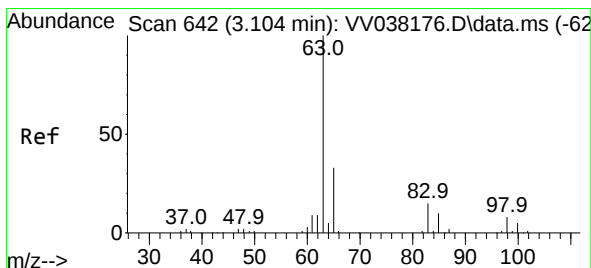
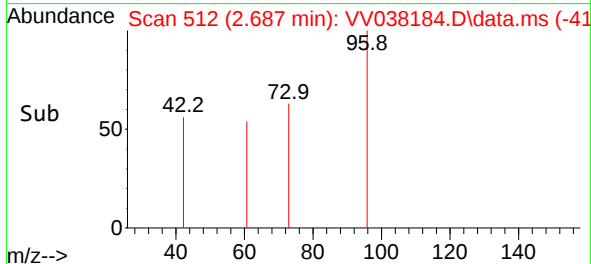
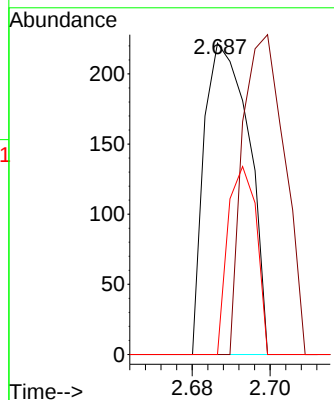


#18
trans-1,2-Dichloroethene
Concen: 0.010 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

Instrument :
MSVOA_V
ClientSampleId :

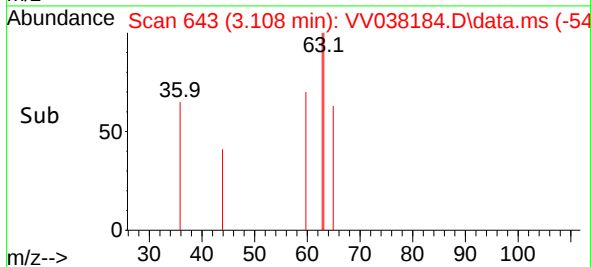
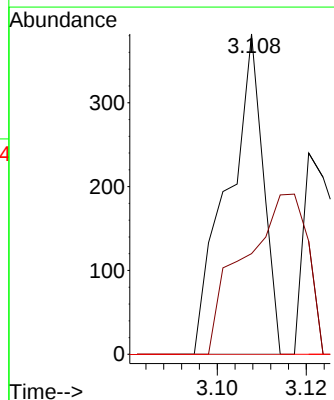
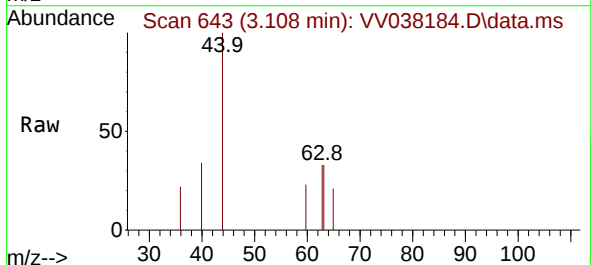


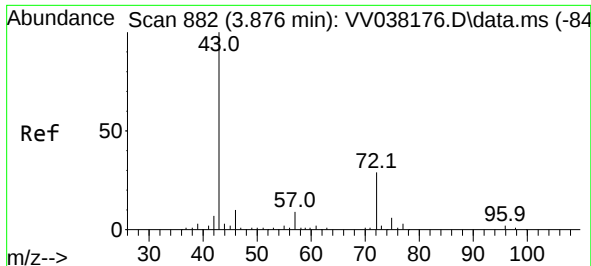
Tgt Ion: 96 Resp: 176
Ion Ratio Lower Upper
96 100
61 0.0 88.5 164.4#
98 0.0 43.9 81.5#



#19
1,1-Dichloroethane
Concen: 0.006 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

Tgt Ion: 63 Resp: 211
Ion Ratio Lower Upper
63 100
65 31.4 22.5 41.7
83 0.0 10.1 18.9#





#21

2-Butanone

Concen: 0.050 ug/L

RT: 3.876 min Scan# 882

Delta R.T. 0.000 min

Lab File: VV038184.D

Acq: 19 Nov 2024 18:08

Instrument :

MSVOA_V

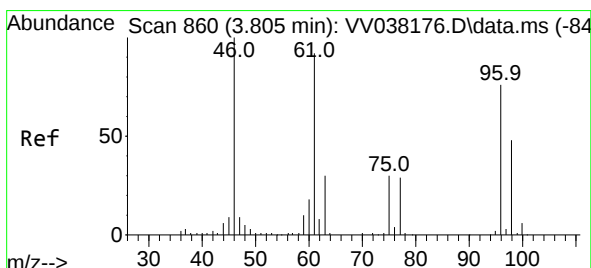
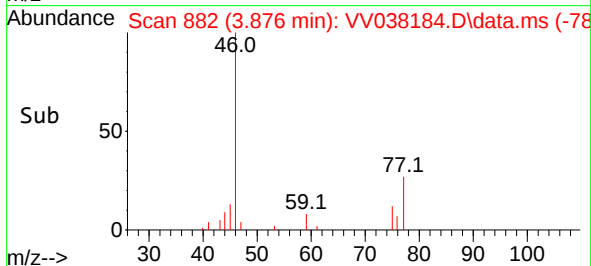
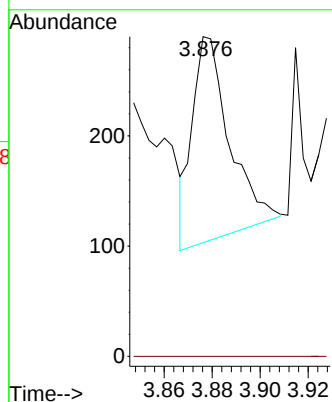
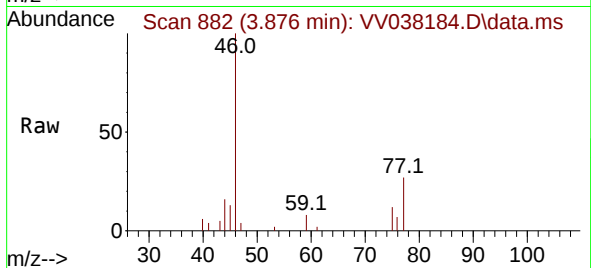
ClientSampleId :

Tgt Ion: 43 Resp: 200

Ion Ratio Lower Upper

43 100

72 0.0 13.0 39.0#



#22

cis-1,2-Dichloroethene

Concen: 0.033 ug/L

RT: 3.802 min Scan# 859

Delta R.T. -0.003 min

Lab File: VV038184.D

Acq: 19 Nov 2024 18:08

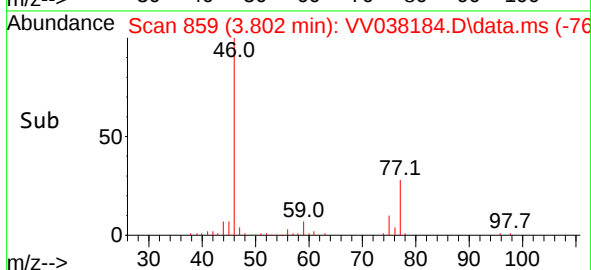
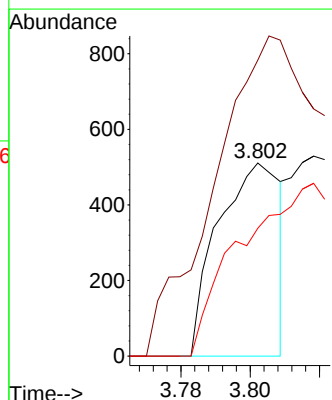
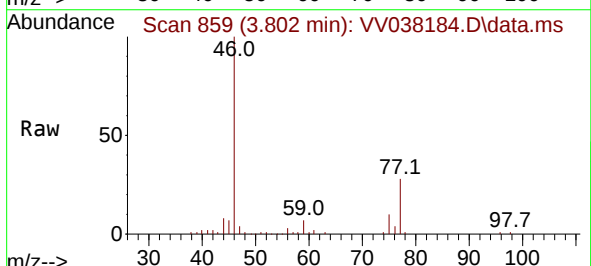
Tgt Ion: 96 Resp: 635

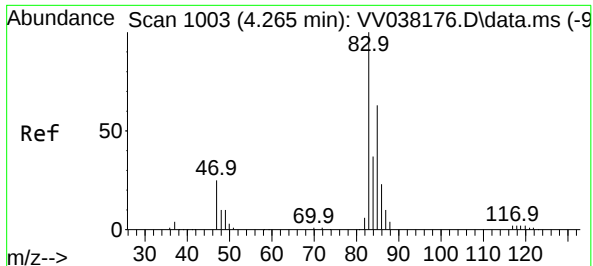
Ion Ratio Lower Upper

96 100

61 153.2 82.7 153.5

98 66.1 46.3 85.9





#25

Chloroform

Concen: 0.060 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VV038184.D

Acq: 19 Nov 2024 18:08

Instrument :

MSVOA_V

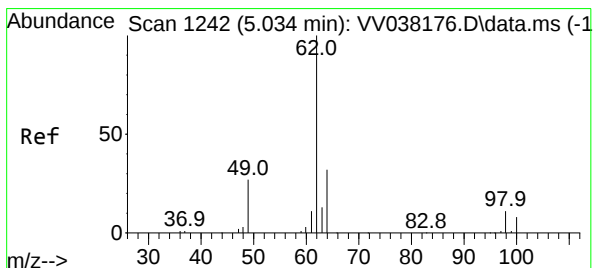
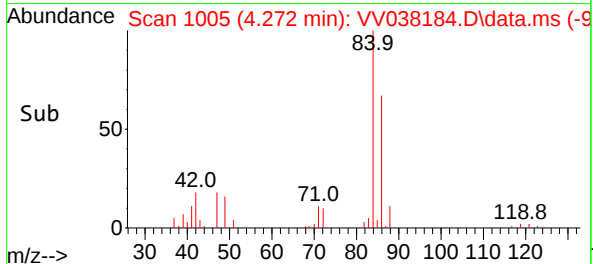
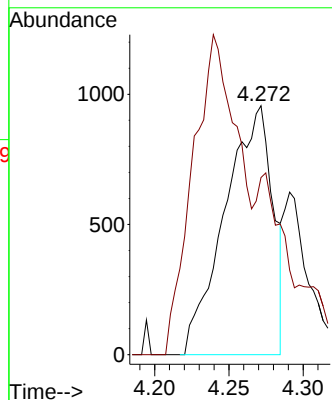
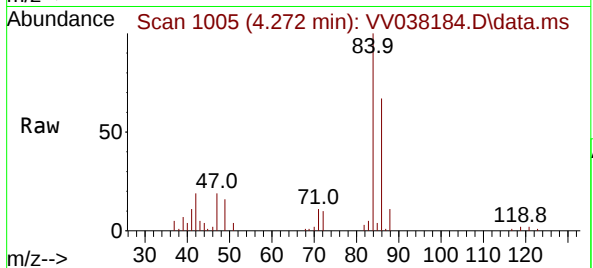
ClientSampleId :

Tgt Ion: 83 Resp: 2143

Ion Ratio Lower Upper

83 100

85 71.1 46.5 86.3



#27

1,2-Dichloroethane

Concen: 0.047 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. 0.029 min

Lab File: VV038184.D

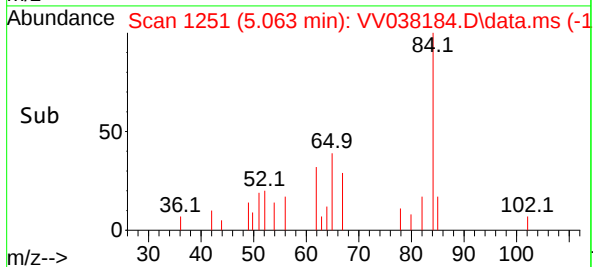
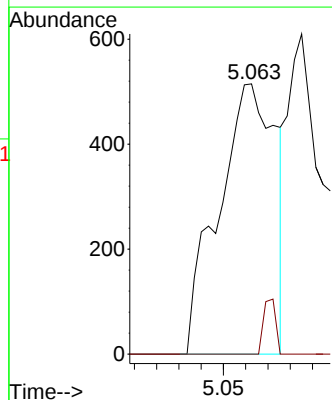
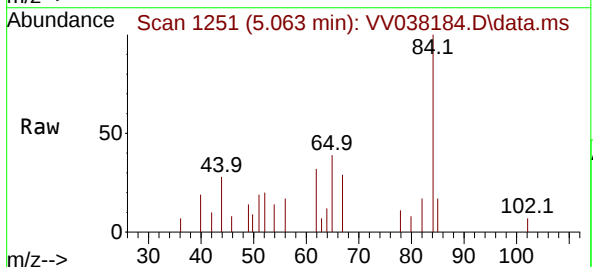
Acq: 19 Nov 2024 18:08

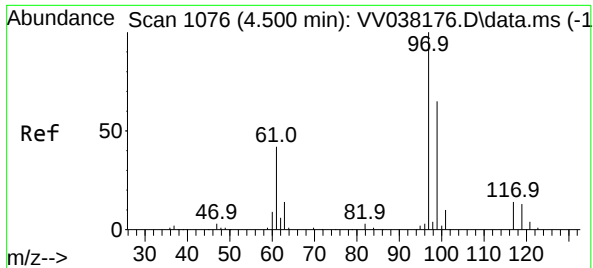
Tgt Ion: 62 Resp: 914

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#

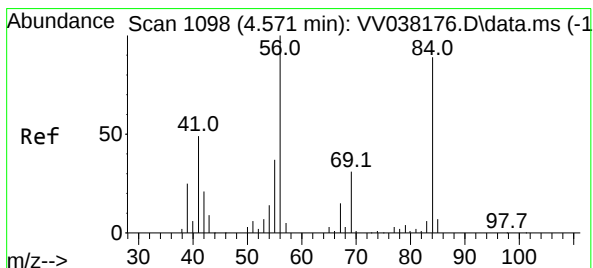
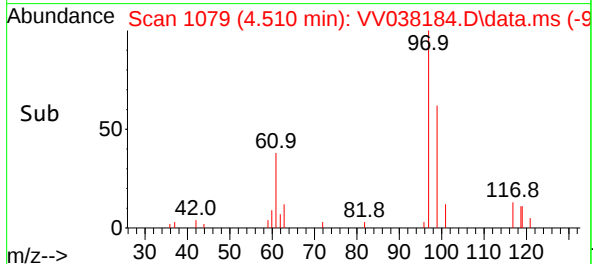
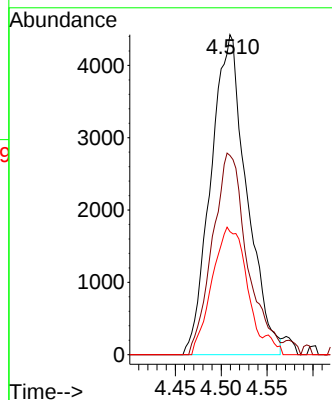
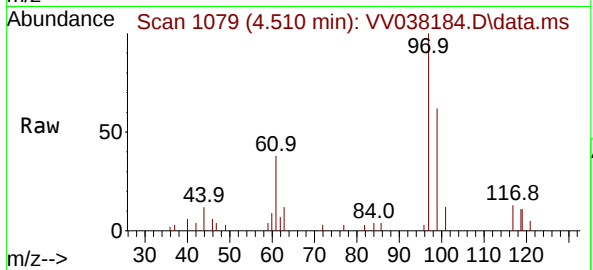




#29
1,1,1-Trichloroethane
Concen: 0.383 ug/L
RT: 4.510 min Scan# 1104
Delta R.T. 0.010 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

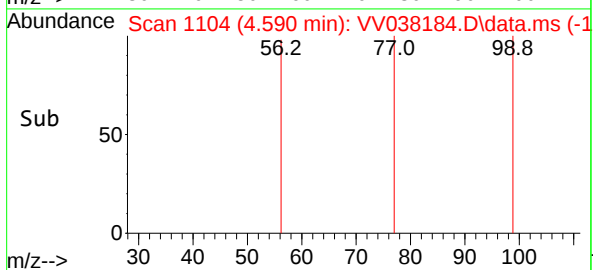
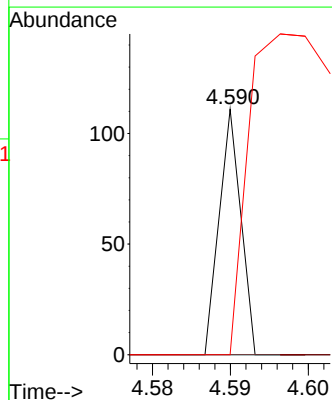
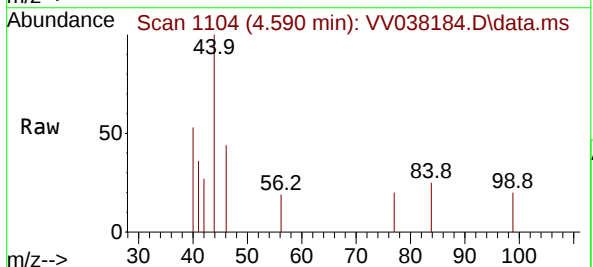
Instrument :
MSVOA_V
ClientSampleId :

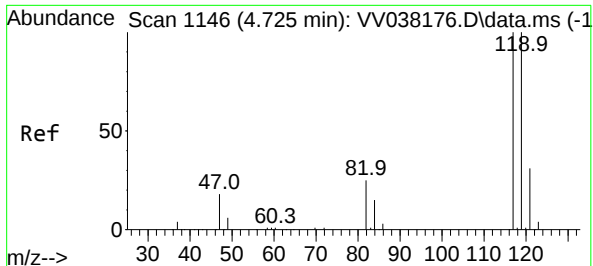
Tgt Ion: 97 Resp: 12013
Ion Ratio Lower Upper
97 100
99 61.5 51.8 77.8
61 38.0 32.2 48.2



#30
Cyclohexane
Concen: 0.001 ug/L
RT: 4.590 min Scan# 1104
Delta R.T. 0.019 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
69 0.0 26.0 39.0#
84 0.0 75.6 113.4#

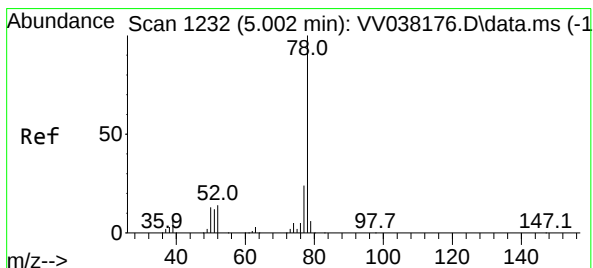
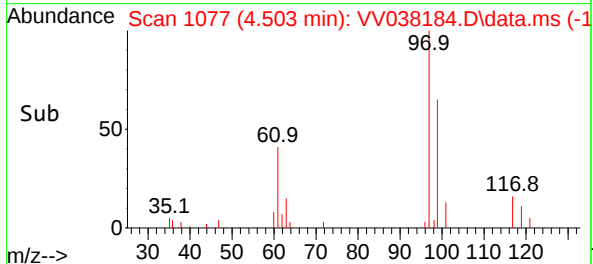
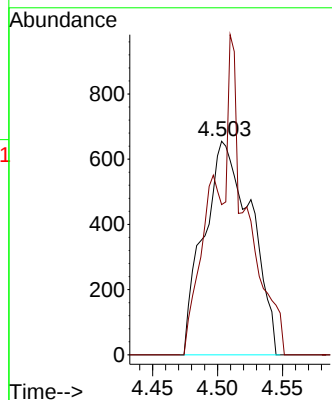
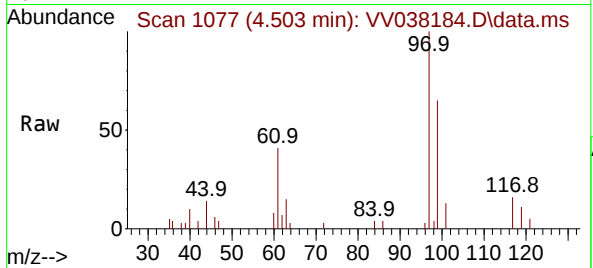




#31
Carbon tetrachloride
Concen: 0.060 ug/L
RT: 4.503 min Scan# 1146
Delta R.T. -0.222 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

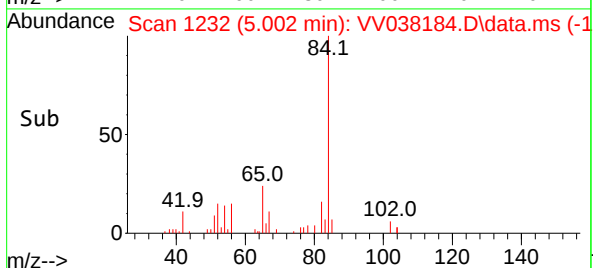
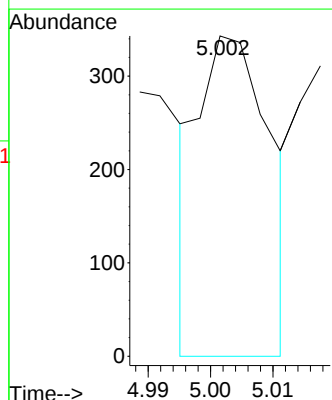
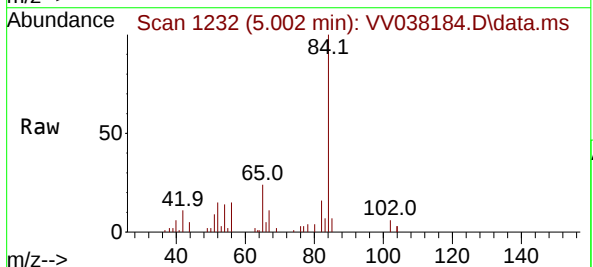
Instrument :
MSVOA_V
ClientSampleId :

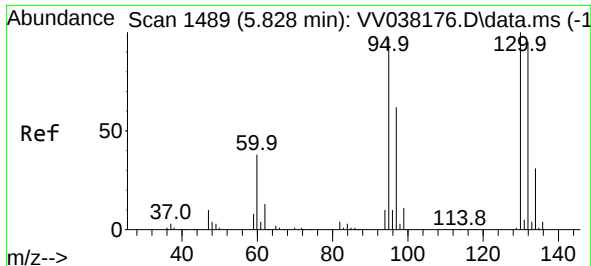
Tgt Ion:117 Resp: 1653
Ion Ratio Lower Upper
117 100
119 38.1 77.4 116.2#



#33
Benzene
Concen: 0.004 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

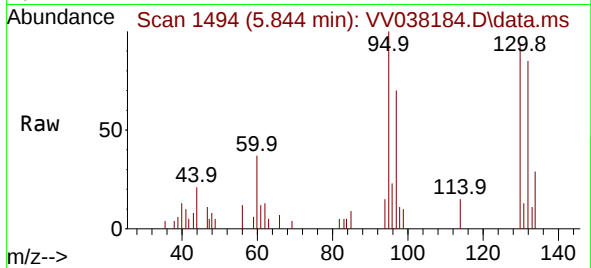
Tgt Ion: 78 Resp: 272



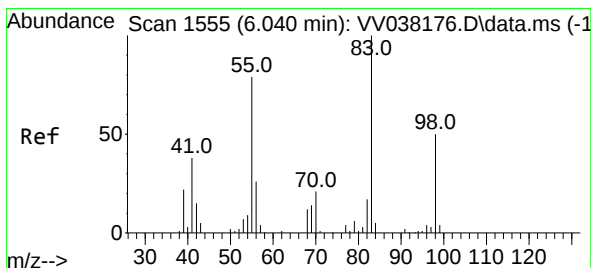
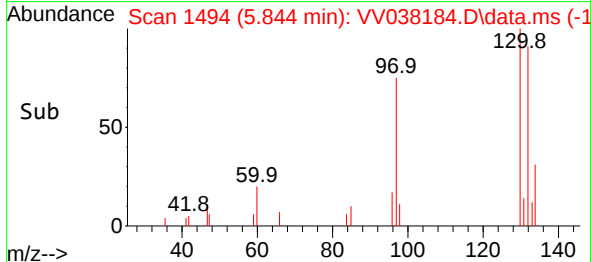
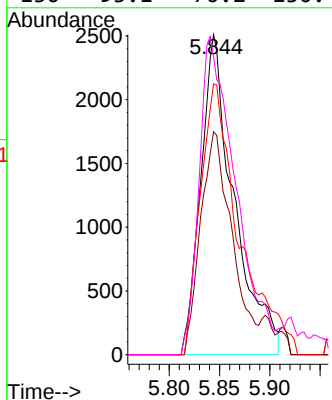


#34
Trichloroethene
Concen: 0.288 ug/L
RT: 5.844 min Scan# 1489
Delta R.T. 0.016 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

Instrument :
MSVOA_V
ClientSampleId :

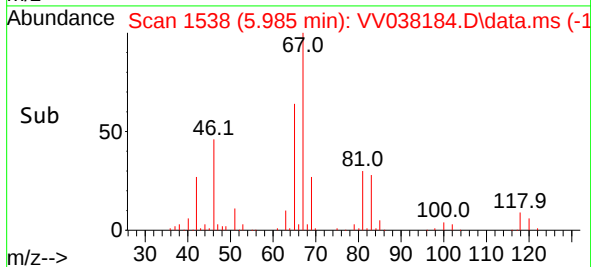
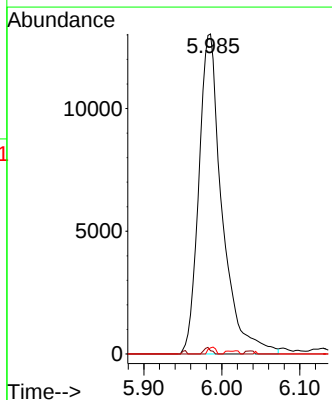
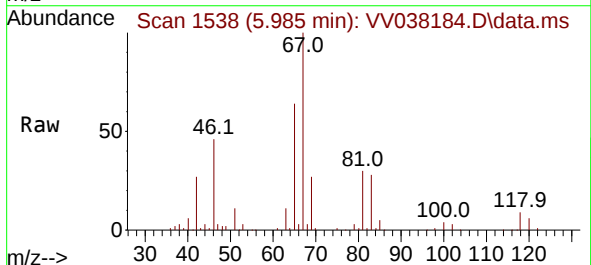


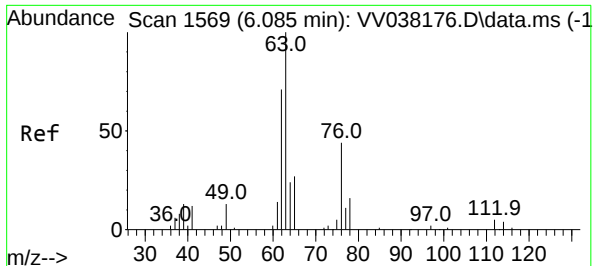
Tgt Ion:	95	Resp:	5772
Ion	Ratio	Lower	Upper
95	100		
97	69.6	44.8	83.2
132	84.7	68.3	126.8
130	93.1	70.2	130.4



#35
Methylcyclohexane
Concen: 0.953 ug/L
RT: 5.985 min Scan# 1538
Delta R.T. -0.055 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

Tgt Ion:	83	Resp:	26989
Ion	Ratio	Lower	Upper
83	100		
55	0.6	59.7	89.5#
98	0.7	39.0	58.4#





#37

1,2-Dichloropropane

Concen: 0.592 ug/L

RT: 5.982 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV038184.D

Acq: 19 Nov 2024 18:08

Instrument :

MSVOA_V

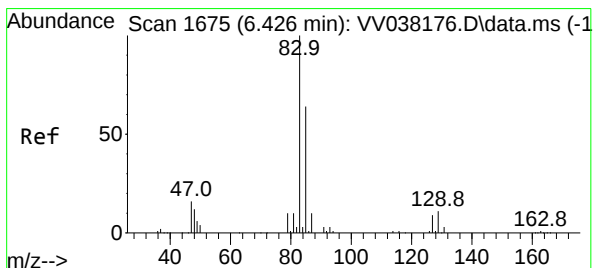
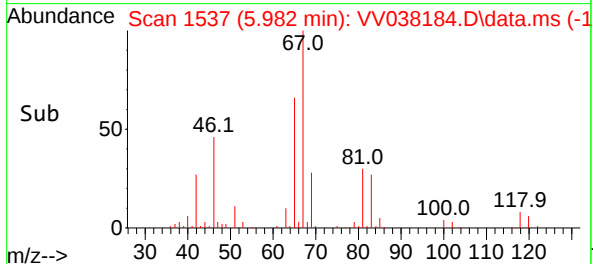
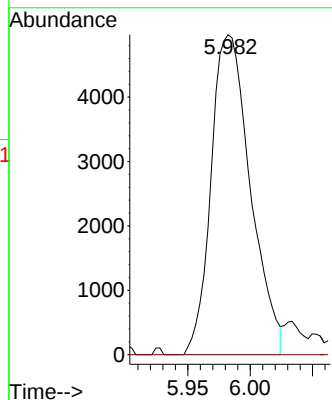
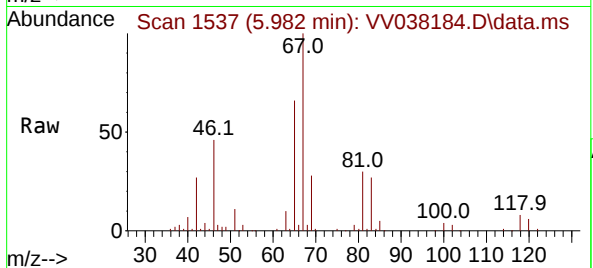
ClientSampleId :

Tgt Ion: 63 Resp: 10898

Ion Ratio Lower Upper

63 100

112 0.4 3.9 5.9#



#38

Bromodichloromethane

Concen: 0.006 ug/L

RT: 6.484 min Scan# 1693

Delta R.T. 0.058 min

Lab File: VV038184.D

Acq: 19 Nov 2024 18:08

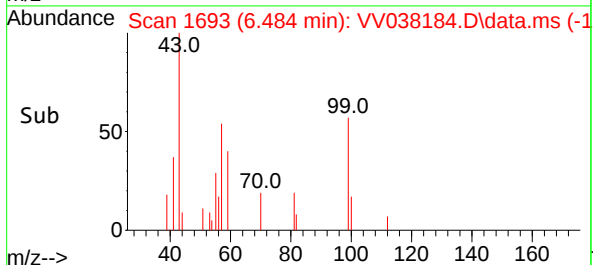
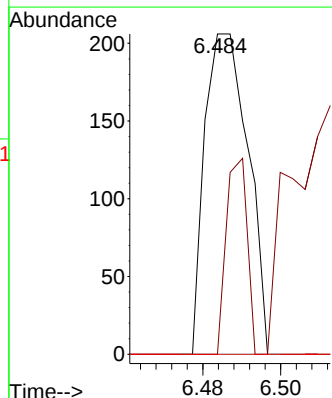
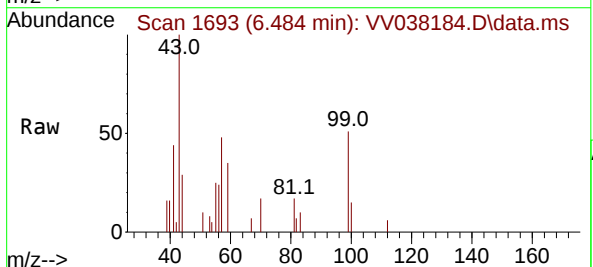
Tgt Ion: 83 Resp: 159

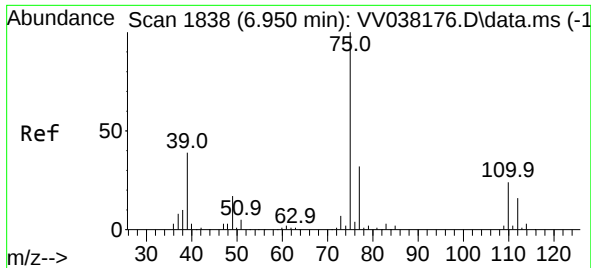
Ion Ratio Lower Upper

83 100

85 0.0 43.9 81.5#

127 0.0 6.7 10.1#

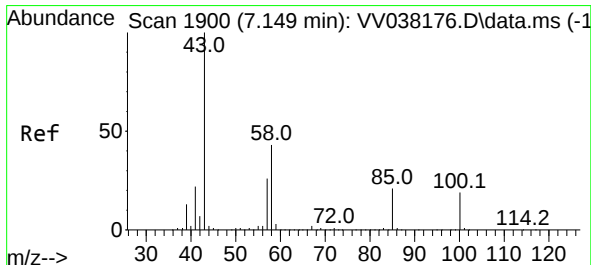
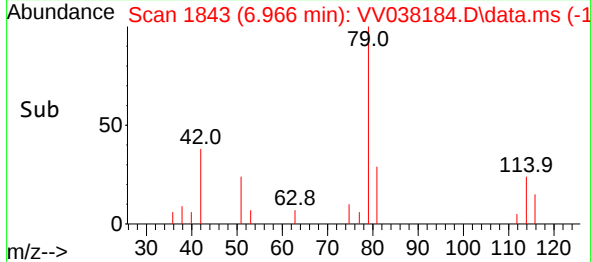
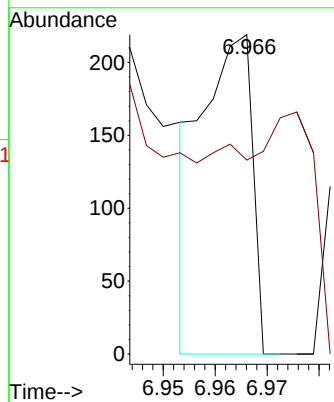
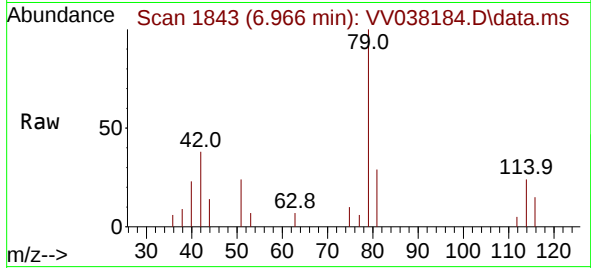




#39
 cis-1,3-Dichloropropene
 Concen: 0.006 ug/L
 RT: 6.966 min Scan# 1895
 Delta R.T. 0.016 min
 Lab File: VV038184.D
 Acq: 19 Nov 2024 18:08

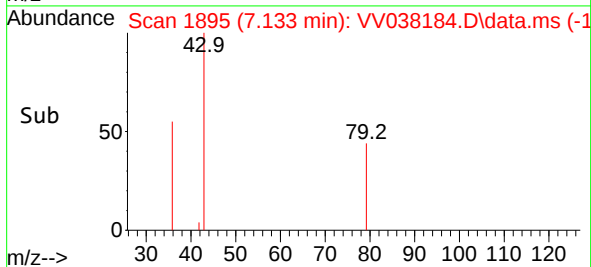
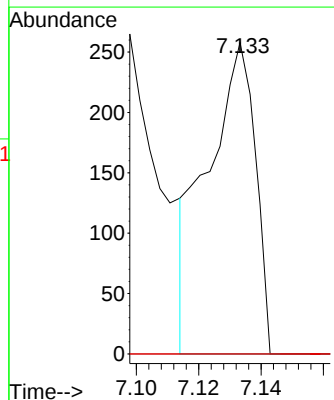
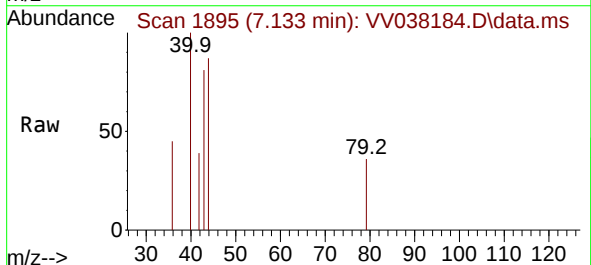
Instrument :
 MSVOA_V
 ClientSampleId :

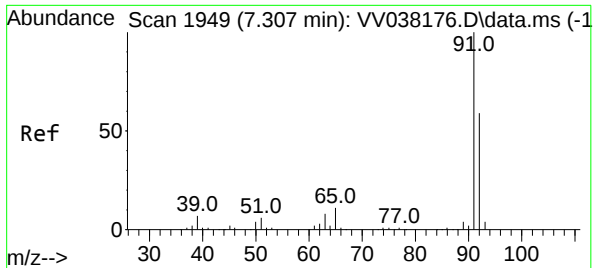
Tgt Ion: 75 Resp: 148
 Ion Ratio Lower Upper
 75 100
 77 60.7 23.4 43.6#



#40
 4-Methyl-2-pentanone
 Concen: 0.029 ug/L
 RT: 7.133 min Scan# 1895
 Delta R.T. -0.016 min
 Lab File: VV038184.D
 Acq: 19 Nov 2024 18:08

Tgt Ion: 43 Resp: 276
 Ion Ratio Lower Upper
 43 100
 58 0.0 33.4 50.2#
 100 0.0 14.3 21.5#





#42

Toluene

Concen: 0.158 ug/L

RT: 7.329 min Scan# 1949

Delta R.T. 0.023 min

Lab File: VV038184.D

Acq: 19 Nov 2024 18:08

Instrument :

MSVOA_V

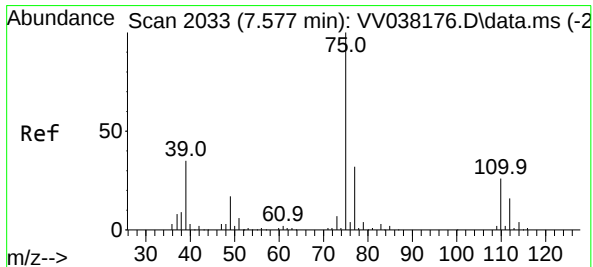
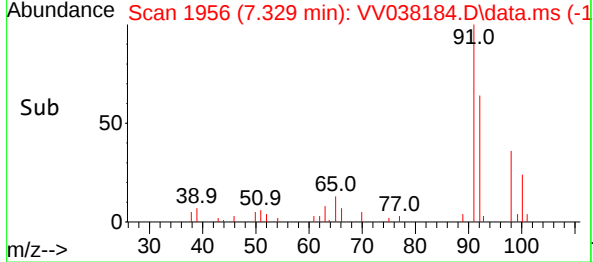
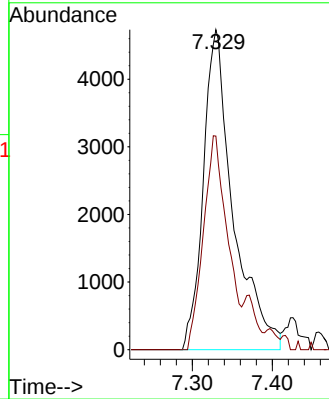
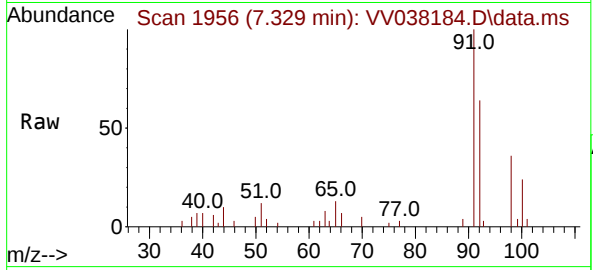
ClientSampleId :

Tgt Ion: 91 Resp: 12291

Ion Ratio Lower Upper

91 100

92 66.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.558 min Scan# 2027

Delta R.T. -0.019 min

Lab File: VV038184.D

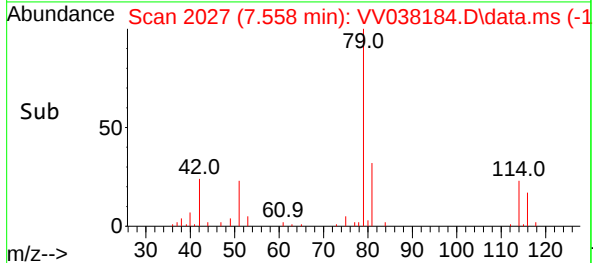
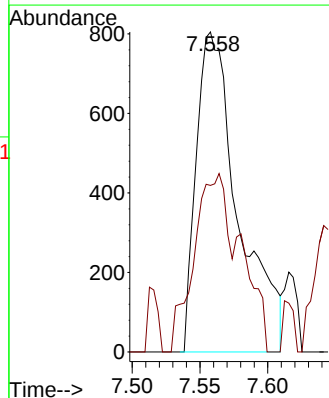
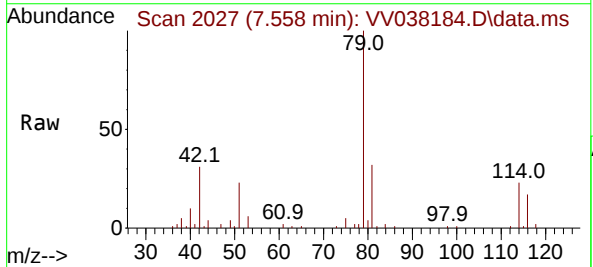
Acq: 19 Nov 2024 18:08

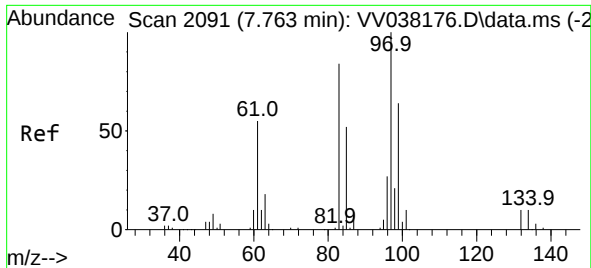
Tgt Ion: 75 Resp: 1735

Ion Ratio Lower Upper

75 100

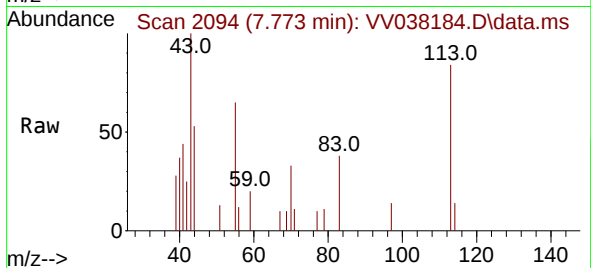
77 52.0 23.4 43.4#



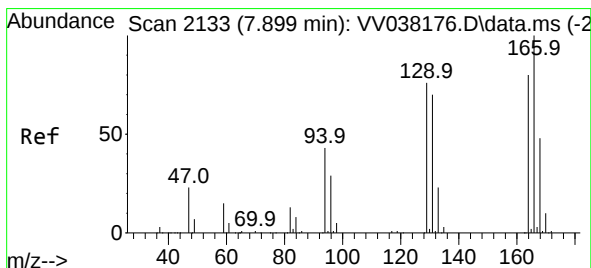
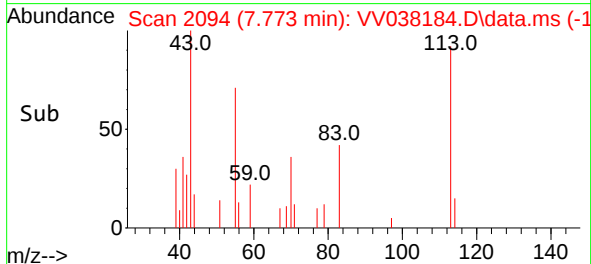
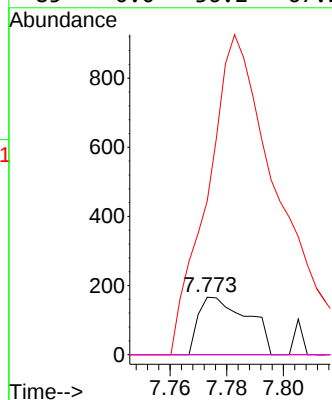


#45
1,1,2-Trichloroethane
Concen: 0.013 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.010 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

Instrument :
MSVOA_V
ClientSampleId :

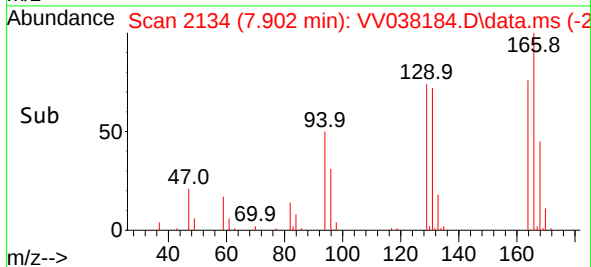
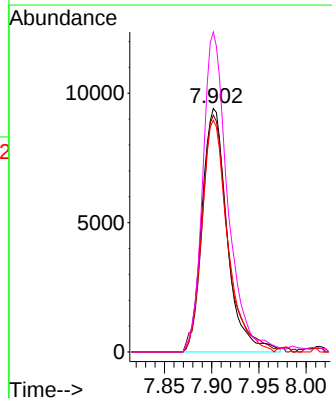
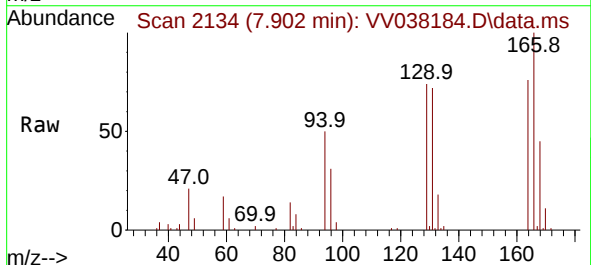


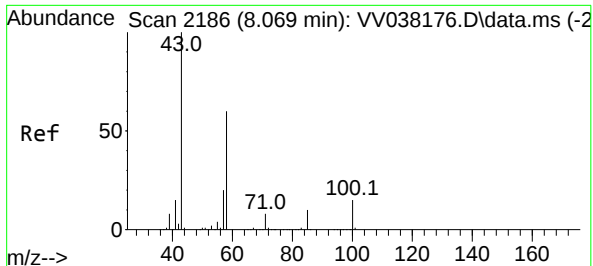
Tgt Ion:	97	Resp:	200
Ion	Ratio	Lower	Upper
97	100		
99	0.0	41.9	77.7#
83	268.1	57.7	107.1#
85	0.0	36.2	67.2#



#47
Tetrachloroethene
Concen: 1.082 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

Tgt Ion:	164	Resp:	17405
Ion	Ratio	Lower	Upper
164	100		
129	97.3	68.5	127.1
131	95.1	64.8	120.4
166	131.4	88.3	163.9

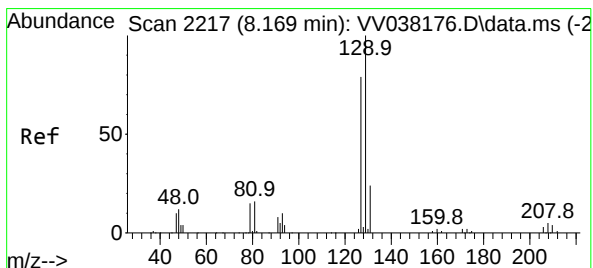
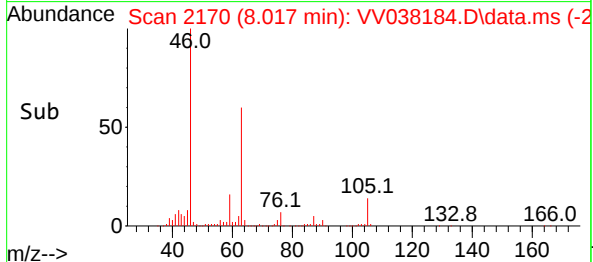
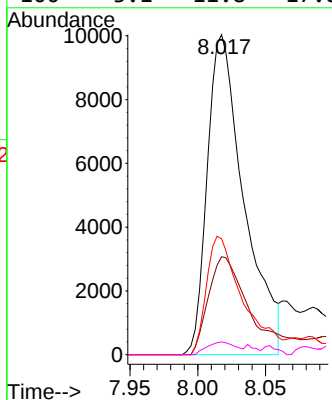
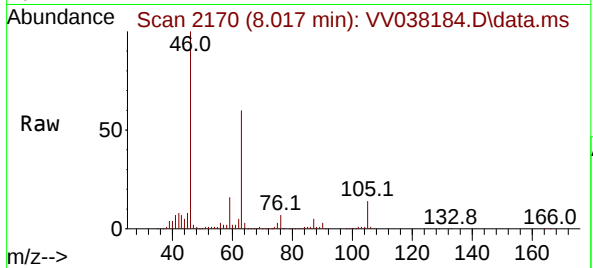




#48
2-Hexanone
Concen: 2.709 ug/L
RT: 8.017 min Scan# 2186
Delta R.T. -0.051 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

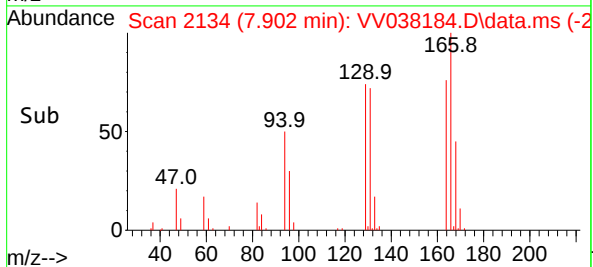
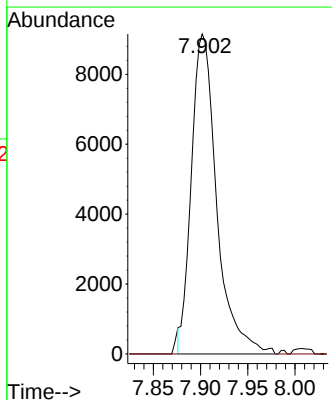
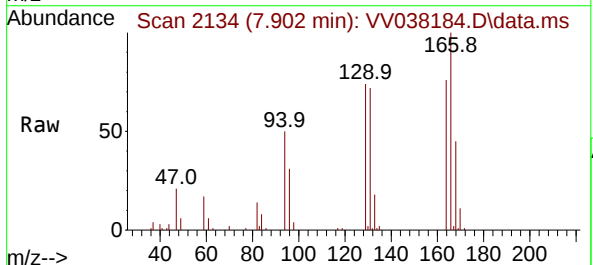
Instrument :
MSVOA_V
ClientSampleId :

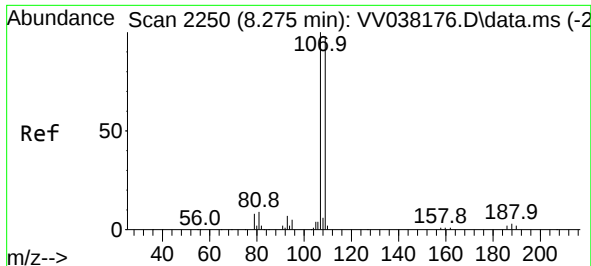
Tgt Ion: 43	Resp: 18924
Ion Ratio	Lower Upper
43 100	
58 35.7	49.2 73.8#
57 36.8	16.9 25.3#
100 3.1	11.8 17.8#



#49
Dibromochloromethane
Concen: 1.049 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.267 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

Tgt Ion: 129	Resp: 17070
Ion Ratio	Lower Upper
129 100	
127 0.0	53.5 99.3#





#50

1,2-Dibromoethane

Concen: 0.001 ug/L

RT: 8.024 min Scan# 2172

Delta R.T. -0.251 min

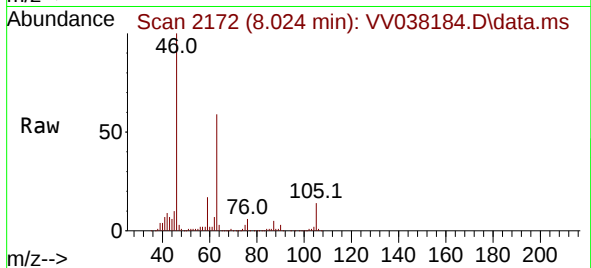
Lab File: VV038184.D

Acq: 19 Nov 2024 18:08

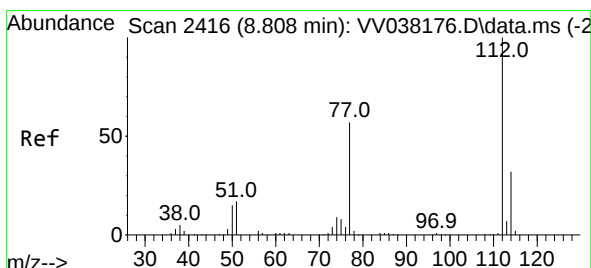
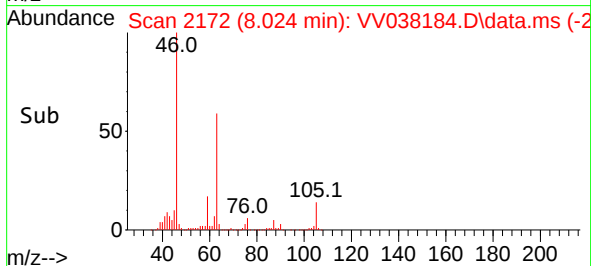
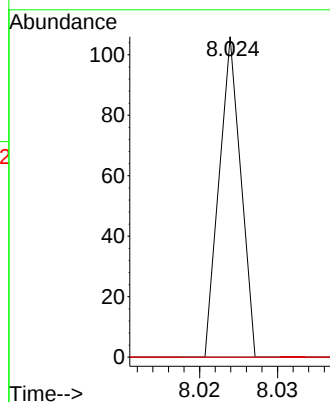
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	20
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

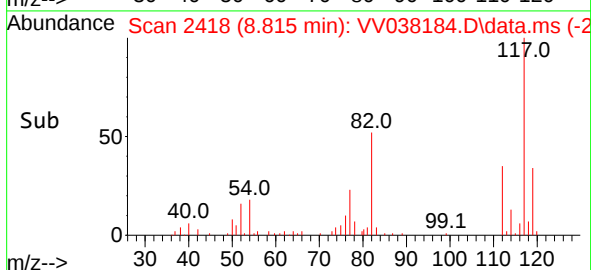
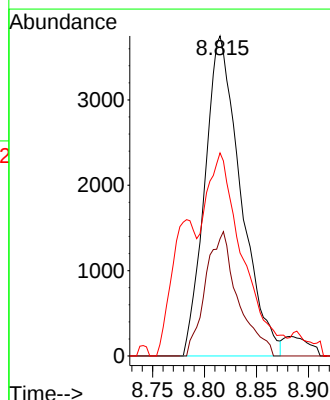
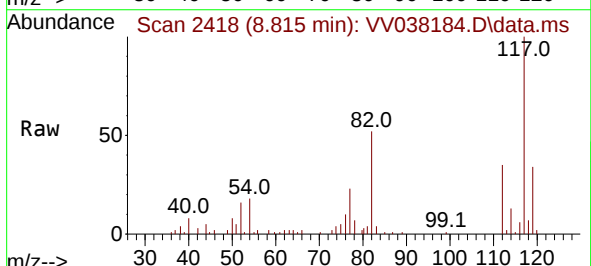
RT: 8.815 min Scan# 2418

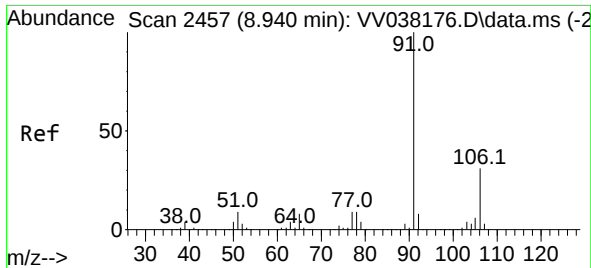
Delta R.T. 0.006 min

Lab File: VV038184.D

Acq: 19 Nov 2024 18:08

Tgt Ion:	112	Resp:	9002
Ion	Ratio	Lower	Upper
112	100		
114	36.6	22.0	40.8
77	63.5	45.0	67.4





#52

Ethylbenzene

Concen: 0.045 ug/L

RT: 8.963 min Scan# 2457

Delta R.T. 0.023 min

Lab File: VV038184.D

Acq: 19 Nov 2024 18:08

Instrument :

MSVOA_V

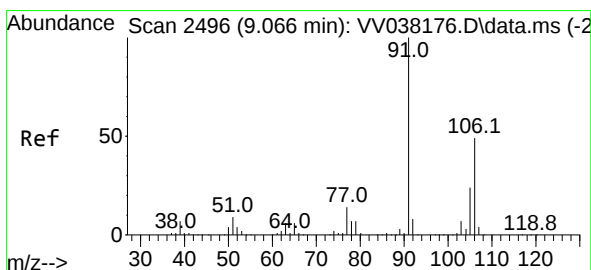
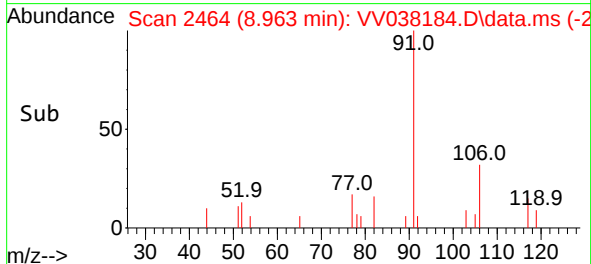
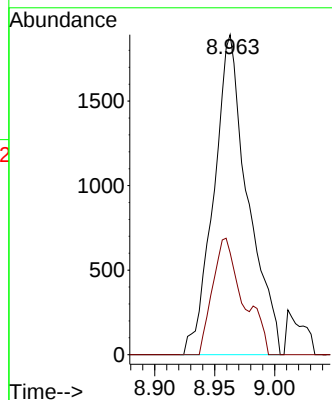
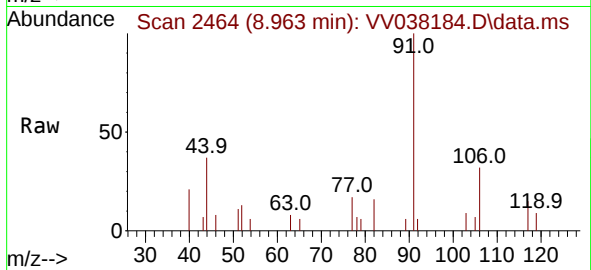
ClientSampleId :

Tgt Ion: 91 Resp: 3730

Ion Ratio Lower Upper

91 100

106 31.9 21.8 40.4



#53

m,p-Xylene

Concen: 0.065 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.016 min

Lab File: VV038184.D

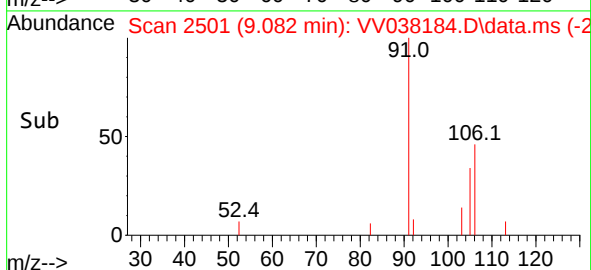
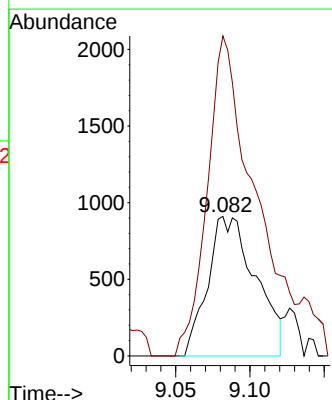
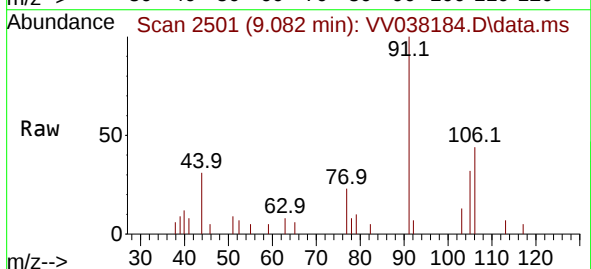
Acq: 19 Nov 2024 18:08

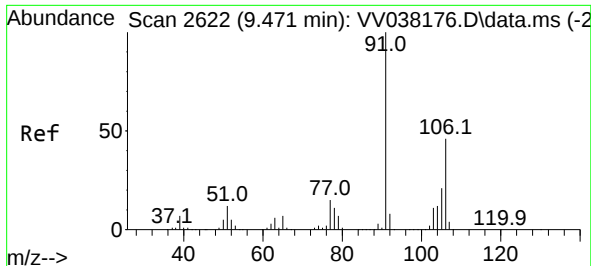
Tgt Ion: 106 Resp: 2040

Ion Ratio Lower Upper

106 100

91 229.5 138.7 257.5

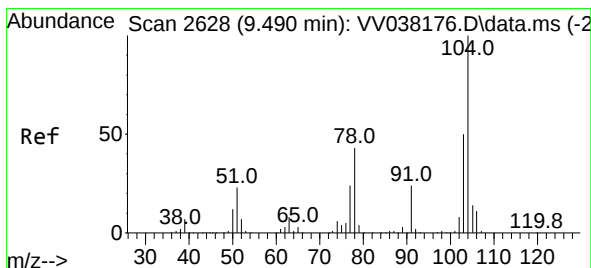
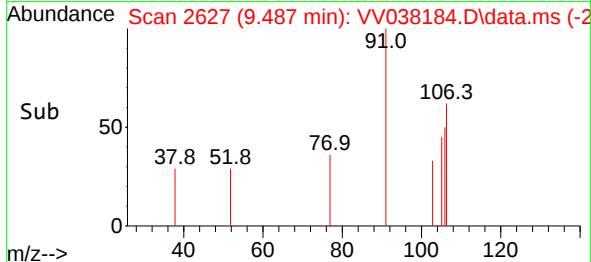
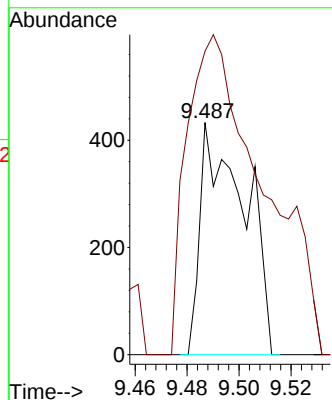
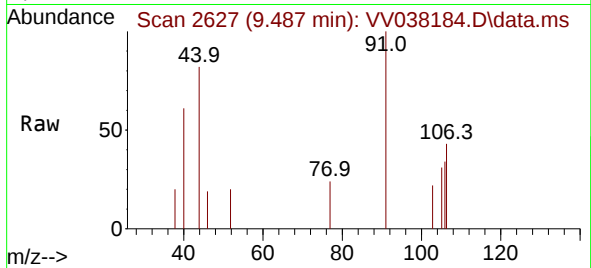




#54
o-Xylene
Concen: 0.017 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.016 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

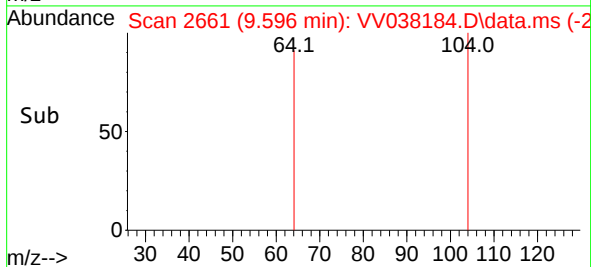
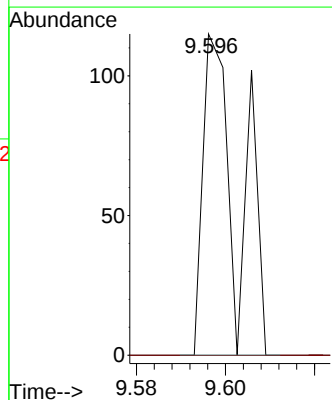
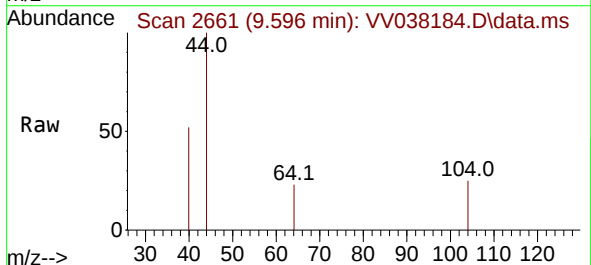
Instrument :
MSVOA_V
ClientSampleId :

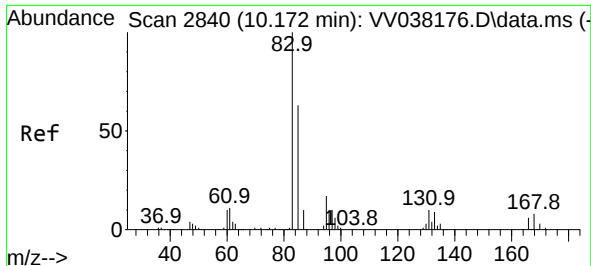
Tgt Ion:106 Resp: 512
Ion Ratio Lower Upper
106 100
91 130.7 155.5 288.7#



#55
Styrene
Concen: 0.001 ug/L
RT: 9.596 min Scan# 2661
Delta R.T. 0.106 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

Tgt Ion:104 Resp: 62
Ion Ratio Lower Upper
104 100
78 0.0 29.7 55.1#





#57

1,1,2,2-Tetrachloroethane

Concen: 0.117 ug/L

RT: 10.169 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV038184.D

Acq: 19 Nov 2024 18:08

Instrument :

MSVOA_V

ClientSampleId :

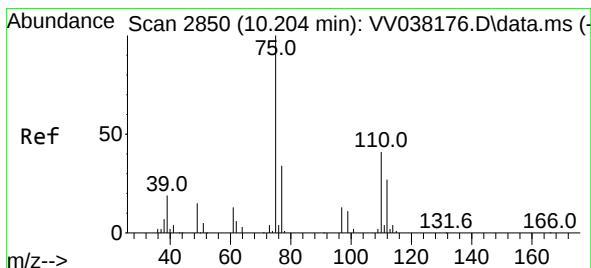
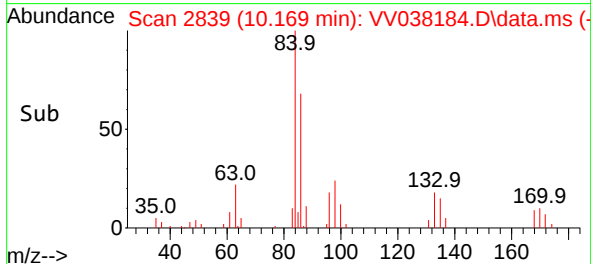
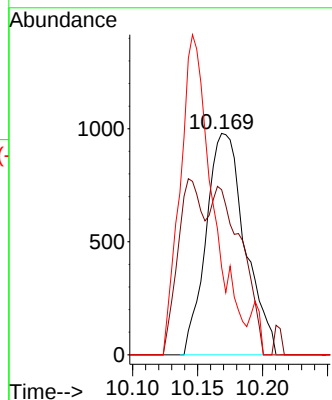
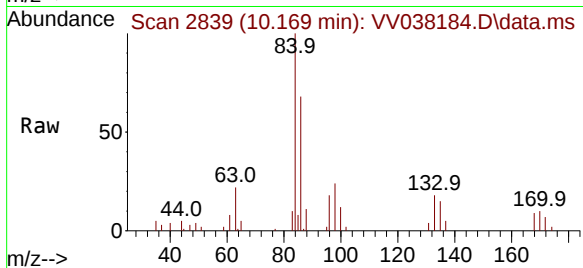
Tgt Ion: 83 Resp: 2045

Ion Ratio Lower Upper

83 100

85 74.6 45.7 84.9

131 39.5 8.2 12.4#



#61

1,2,3-Trichloropropane

Concen: 1.320 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.974 min

Lab File: VV038184.D

Acq: 19 Nov 2024 18:08

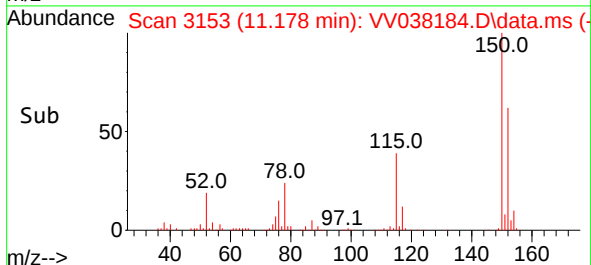
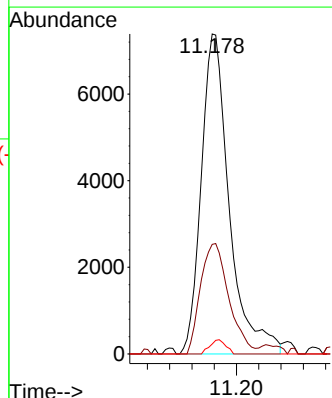
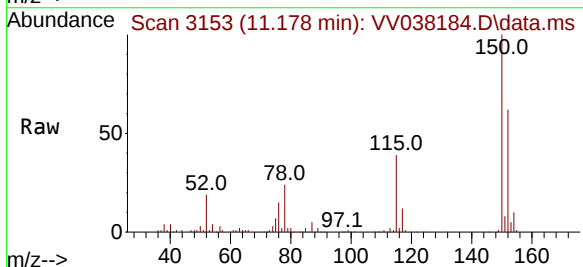
Tgt Ion: 75 Resp: 12916

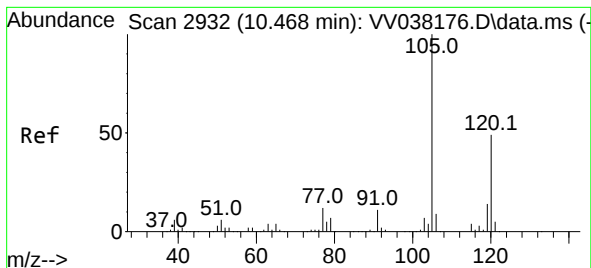
Ion Ratio Lower Upper

75 100

77 34.9 26.4 39.6

110 2.5 32.3 48.5#





#62

1,3,5-Trimethylbenzene

Concen: 0.005 ug/L

RT: 10.487 min Scan# 2932

Delta R.T. 0.019 min

Lab File: VV038184.D

Acq: 19 Nov 2024 18:08

Instrument :

MSVOA_V

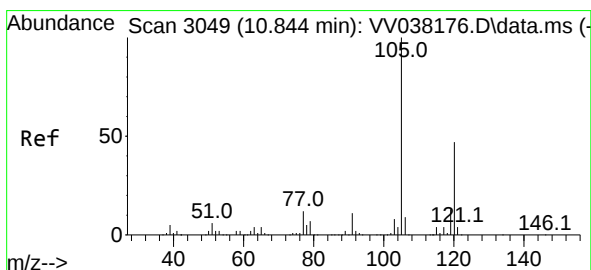
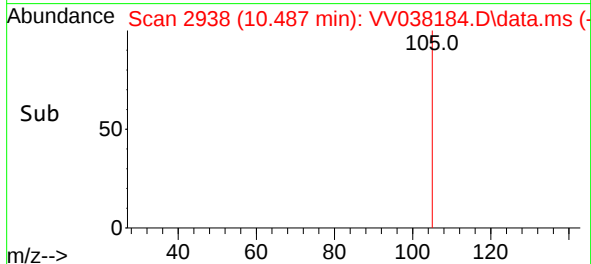
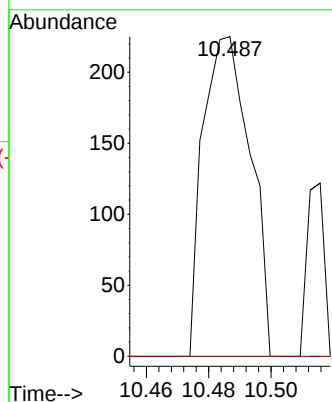
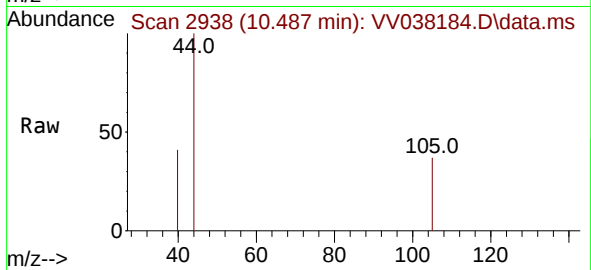
ClientSampleId :

Tgt Ion:105 Resp: 237

Ion Ratio Lower Upper

105 100

120 0.0 39.2 58.8#



#63

1,2,4-Trimethylbenzene

Concen: 0.005 ug/L

RT: 10.863 min Scan# 3055

Delta R.T. 0.019 min

Lab File: VV038184.D

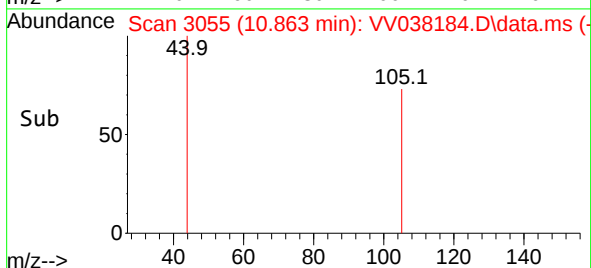
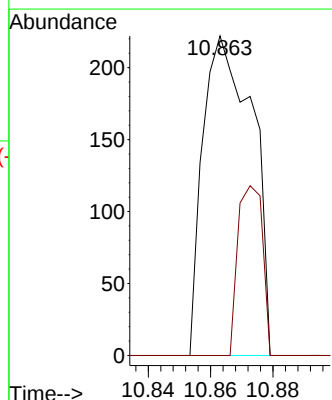
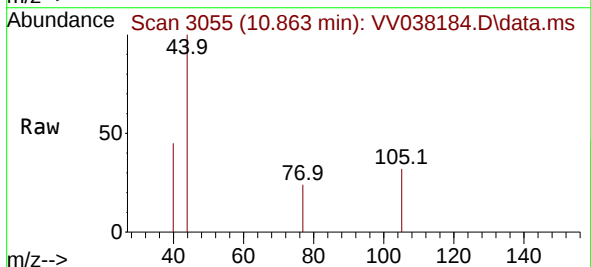
Acq: 19 Nov 2024 18:08

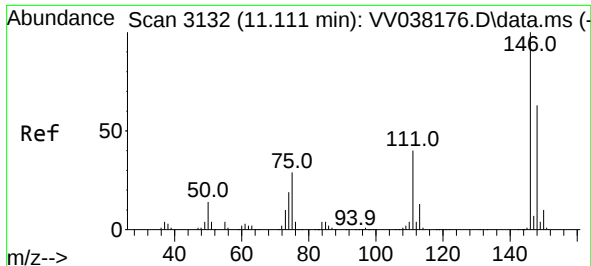
Tgt Ion:105 Resp: 244

Ion Ratio Lower Upper

105 100

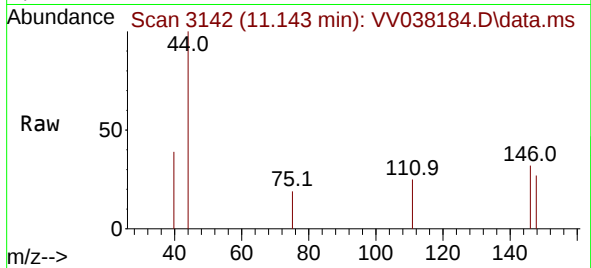
120 26.6 37.0 55.4#



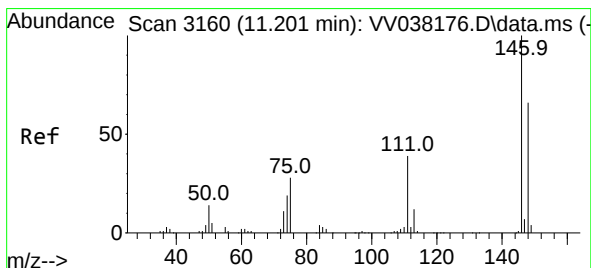
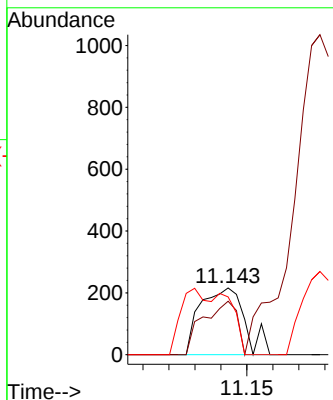
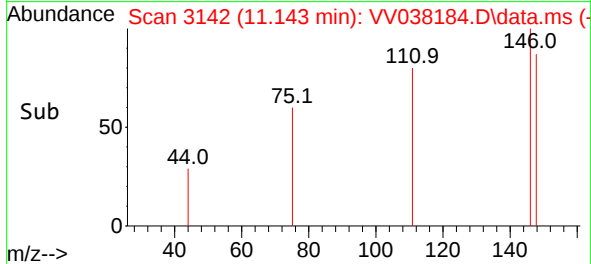


#64
1,3-Dichlorobenzene
Concen: 0.007 ug/L
RT: 11.143 min Scan# 3142
Delta R.T. 0.032 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

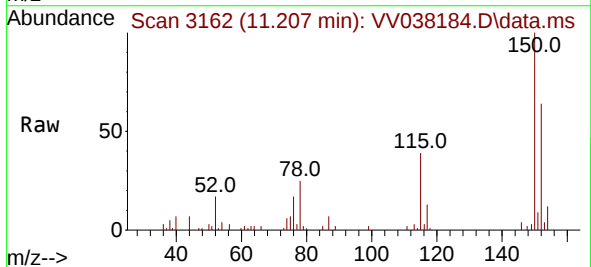
Instrument :
MSVOA_V
ClientSampleId :



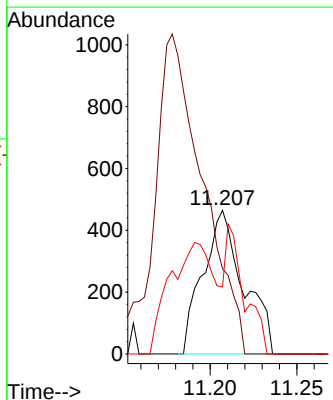
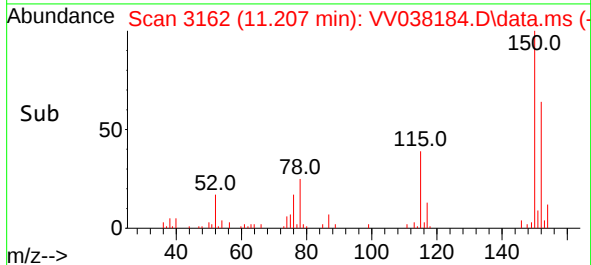
Tgt Ion:146 Resp: 255
Ion Ratio Lower Upper
146 100
111 80.1 28.2 52.4#
148 86.6 44.2 82.2#

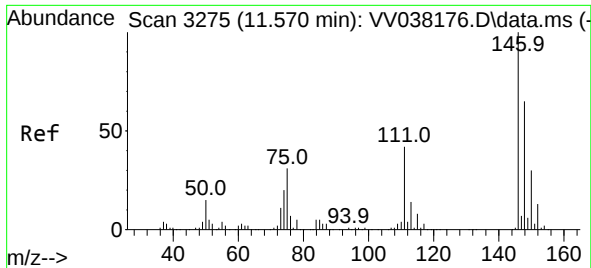


#65
1,4-Dichlorobenzene
Concen: 0.021 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.006 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08



Tgt Ion:146 Resp: 758
Ion Ratio Lower Upper
146 100
111 59.4 27.4 50.8#
148 46.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 0.073 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038184.D

Acq: 19 Nov 2024 18:08

Instrument :

MSVOA_V

ClientSampleId :

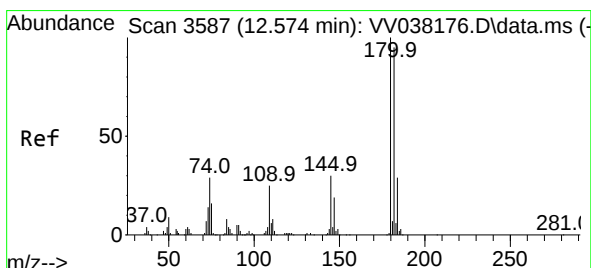
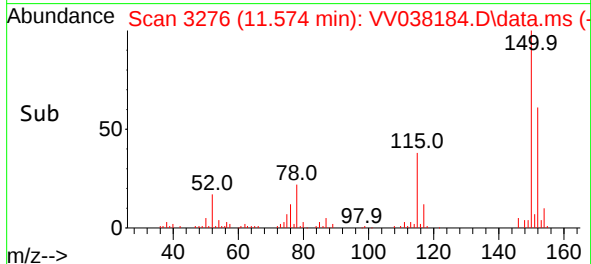
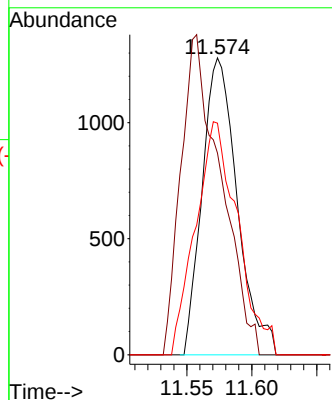
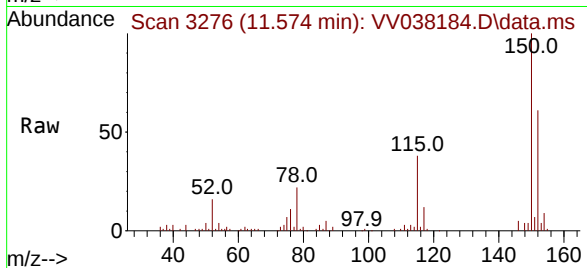
Tgt Ion:146 Resp: 2399

Ion Ratio Lower Upper

146 100

111 67.9 34.2 51.2#

148 78.0 51.0 76.4#



#69

1,3,5-Trichlorobenzene

Concen: 0.003 ug/L

RT: 12.593 min Scan# 3593

Delta R.T. 0.019 min

Lab File: VV038184.D

Acq: 19 Nov 2024 18:08

Tgt Ion:180 Resp: 84

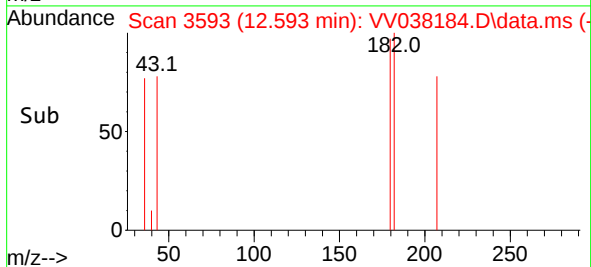
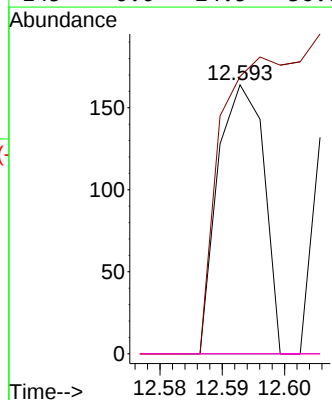
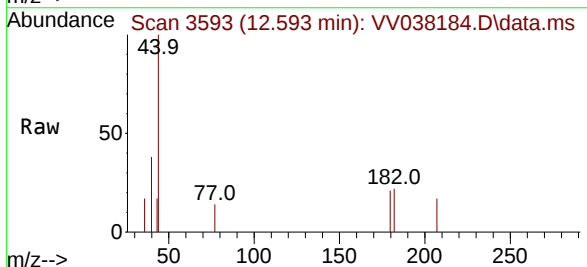
Ion Ratio Lower Upper

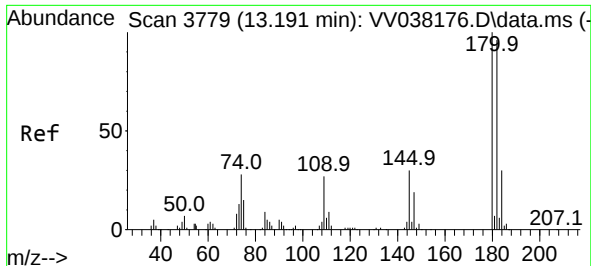
180 100

182 0.0 76.0 114.0#

184 0.0 23.7 35.5#

145 0.0 24.5 36.7#

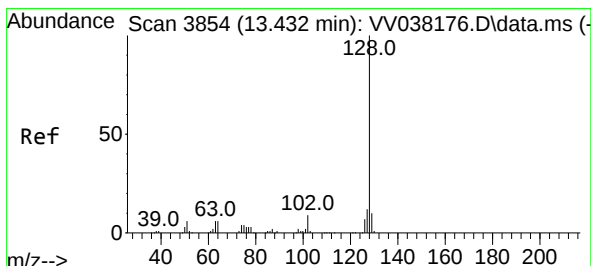
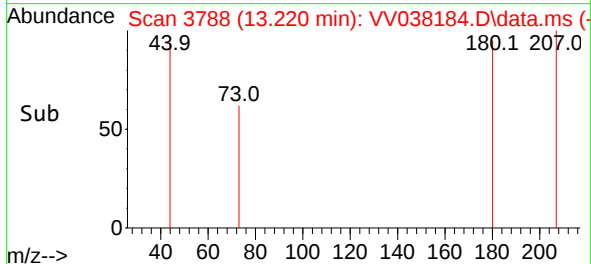
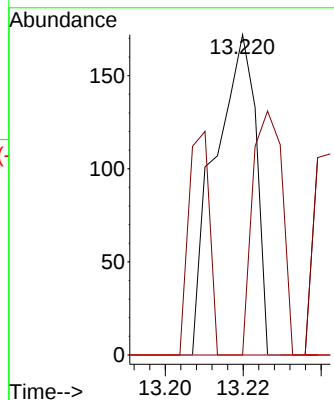
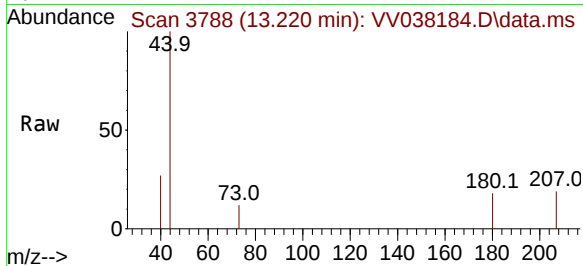




#70
1,2,4-trichlorobenzene
Concen: 0.006 ug/L
RT: 13.220 min Scan# 31
Delta R.T. 0.029 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

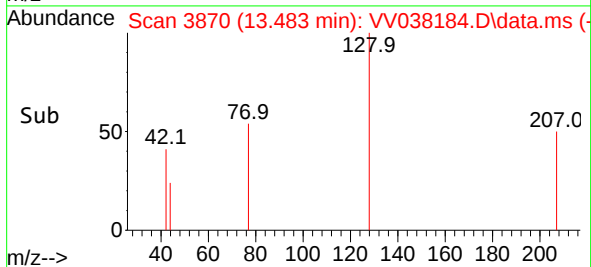
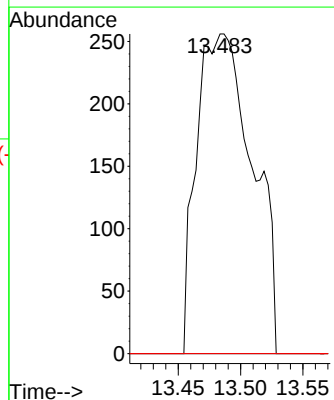
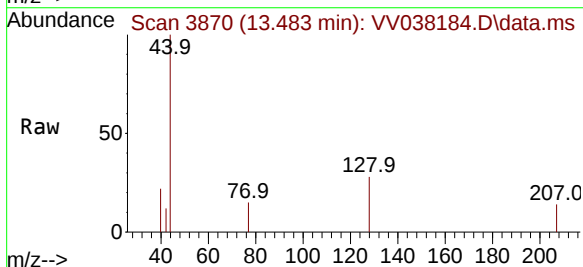
Instrument :
MSVOA_V
ClientSampleId :

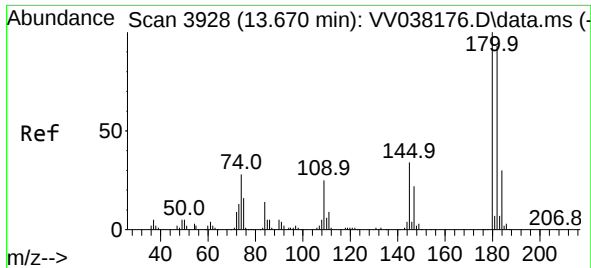
Tgt Ion:180 Resp: 126
Ion Ratio Lower Upper
180 100
182 54.8 73.8 110.8#
145 0.0 24.6 37.0#



#71
Naphthalene
Concen: 0.025 ug/L
RT: 13.483 min Scan# 3870
Delta R.T. 0.051 min
Lab File: VV038184.D
Acq: 19 Nov 2024 18:08

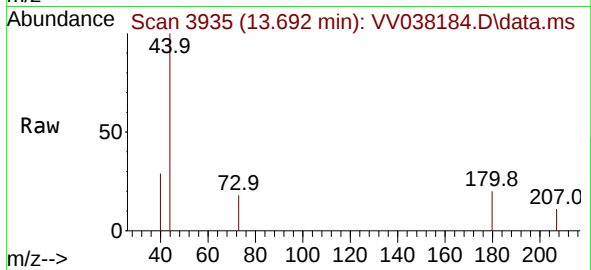
Tgt Ion:128 Resp: 798
Ion Ratio Lower Upper
128 100
129 0.0 8.5 12.7#
127 0.0 10.1 15.1#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.008 ug/L
 RT: 13.692 min Scan# 3935
 Delta R.T. 0.023 min
 Lab File: VV038184.D
 Acq: 19 Nov 2024 18:08

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	158
Ion	Ratio	Lower	Upper
180	100		
182	82.9	75.1	112.7
145	0.0	27.0	40.4#

