

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038182.D
 Acq On : 19 Nov 2024 17:19
 Operator : SY/MD
 Sample : P4882-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 00:14:32 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	5.532	114	235441	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	254311	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	111231	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	89548	4.962	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.529	69	84895	5.816	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.400%
11) 1,1-Dichloroethene-d2	2.056	65	40197	5.176	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.600%
20) 2-Butanone-d5	3.780	46	218471	60.517	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.040%
24) Chloroform-d	4.243	84	201882	5.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.200%
26) 1,2-Dichloroethane-d4	4.937	65	98354	6.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.200%
32) Benzene-d6	4.953	84	366626	5.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.600%
36) 1,2-Dichloropropane-d6	5.982	67	118688	5.868	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.400%
41) Toluene-d8	7.239	98	303796	4.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	7.558	79	38511	5.121	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.400%
46) 2-Hexanone-d5	8.017	63	199524	68.260	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	136.520%#
56) 1,1,2,2-Tetrachloroeth...	10.146	84	102586	5.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	123627	6.523	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	130.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	5327	0.239	ug/L	92
3) Chloromethane	1.217	50	5853	0.305	ug/L	94
5) Vinyl chloride	1.278	62	542	0.025	ug/L #	1
6) Bromomethane	1.487	94	651	0.077	ug/L	94
8) Chloroethane	1.552	64	268	0.019	ug/L #	62
9) Trichlorofluoromethane	1.712	101	9416	0.304	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3278	0.186	ug/L #	69
12) 1,1-Dichloroethene	2.053	96	1425	0.085	ug/L #	1
14) Carbon disulfide	2.236	76	1344	0.025	ug/L #	82
15) Methyl Acetate	2.391	43	216	0.033	ug/L #	47
16) Methylene chloride	2.442	84	13018	0.679	ug/L	96
17) Methyl tert-butyl Ether	2.703	73	23815	0.626	ug/L	98
18) trans-1,2-Dichloroethene	2.709	96	22	0.001	ug/L #	61
19) 1,1-Dichloroethane	3.111	63	4013	0.125	ug/L	92
21) 2-Butanone	3.847	43	248	0.065	ug/L	81
22) cis-1,2-Dichloroethene	3.818	96	3201	0.175	ug/L	79
25) Chloroform	4.272	83	22378	0.650	ug/L	98
27) 1,2-Dichloroethane	4.950	62	2125	0.114	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	20271	0.665	ug/L	99

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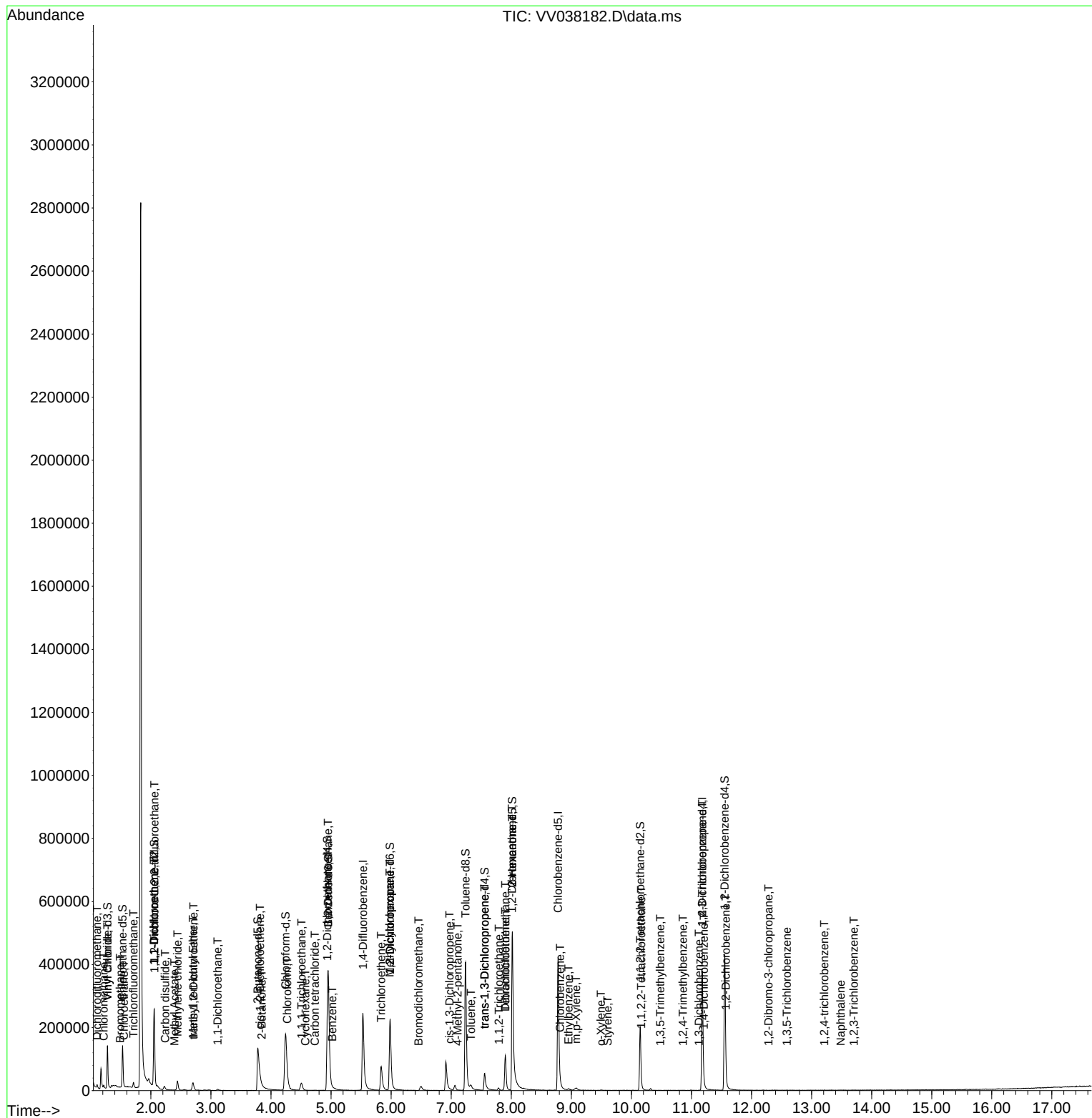
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.571	56	46	0.002	ug/L #	13
31) Carbon tetrachloride	4.728	117	118	0.004	ug/L #	1
33) Benzene	5.021	78	794	0.011	ug/L	100
34) Trichloroethene	5.834	95	30856	1.585	ug/L	98
35) Methylcyclohexane	5.979	83	29420	1.068	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	12580	0.703	ug/L #	86
38) Bromodichloromethane	6.458	83	109	0.005	ug/L #	26
39) cis-1,3-Dichloropropene	6.976	75	180	0.007	ug/L #	24
40) 4-Methyl-2-pentanone	7.108	43	263	0.028	ug/L #	41
42) Toluene	7.329	91	12977	0.172	ug/L	100
44) trans-1,3-Dichloropropene	7.558	75	1607	0.076	ug/L #	65
45) 1,1,2-Trichloroethane	7.796	97	83	0.006	ug/L #	1
47) Tetrachloroethene	7.902	164	26915	1.720	ug/L	97
48) 2-Hexanone	8.017	43	21185	3.120	ug/L #	64
49) Dibromochloromethane	7.902	129	23992	1.516	ug/L #	11
50) 1,2-Dibromoethane	8.011	107	67	0.005	ug/L #	5
51) Chlorobenzene	8.815	112	7498	0.144	ug/L #	80
52) Ethylbenzene	8.953	91	3498	0.044	ug/L	95
53) m,p-Xylene	9.082	106	1914	0.063	ug/L	99
54) o-Xylene	9.490	106	599	0.020	ug/L #	25
55) Styrene	9.603	104	21	0.000	ug/L #	33
57) 1,1,2,2-Tetrachloroethane	10.165	83	1445	0.085	ug/L #	65
61) 1,2,3-Trichloropropane	11.178	75	12192	1.280	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.480	105	126	0.002	ug/L #	28
63) 1,2,4-Trimethylbenzene	10.860	105	191	0.004	ug/L #	30
64) 1,3-Dichlorobenzene	11.123	146	303	0.009	ug/L #	25
65) 1,4-Dichlorobenzene	11.207	146	1237	0.036	ug/L	94
67) 1,2-Dichlorobenzene	11.574	146	1989	0.062	ug/L #	74
68) 1,2-Dibromo-3-chloropr...	12.281	75	42	0.020	ug/L #	2
69) 1,3,5-Trichlorobenzene	12.586	180	129	0.005	ug/L #	39
70) 1,2,4-trichlorobenzene	13.213	180	215	0.011	ug/L #	43
71) Naphthalene	13.483	128	473	0.015	ug/L #	70
72) 1,2,3-Trichlorobenzene	13.702	180	171	0.009	ug/L #	83

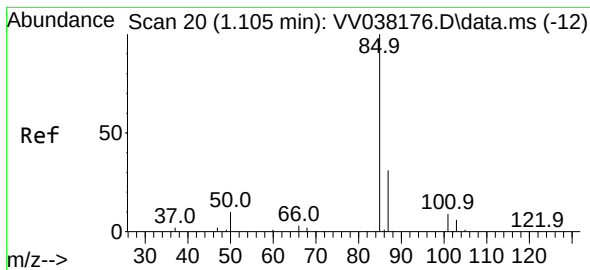
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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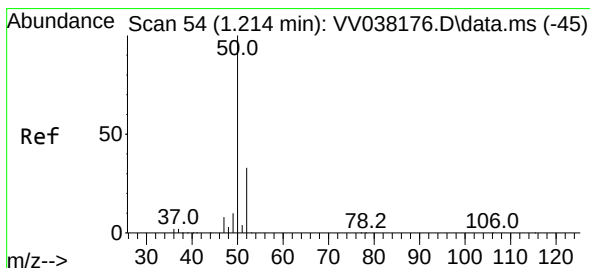
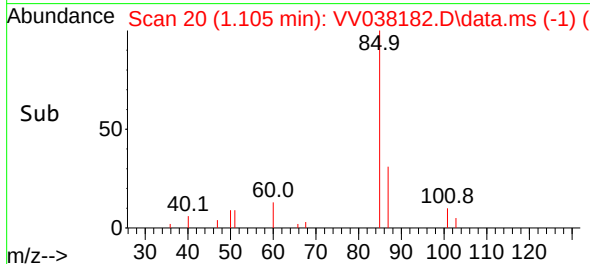
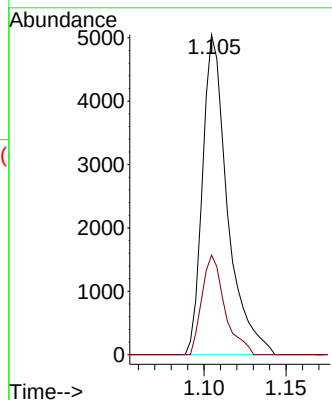
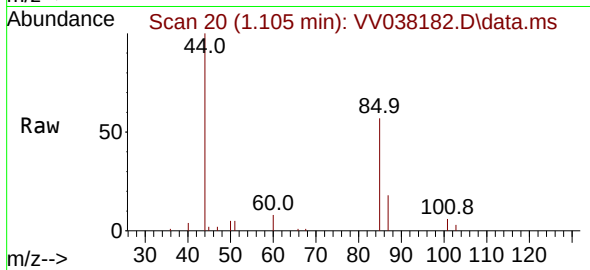




#2
 Dichlorodifluoromethane
 Concen: 0.239 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038182.D
 Acq: 19 Nov 2024 17:19

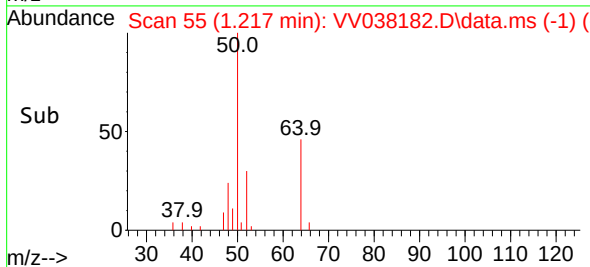
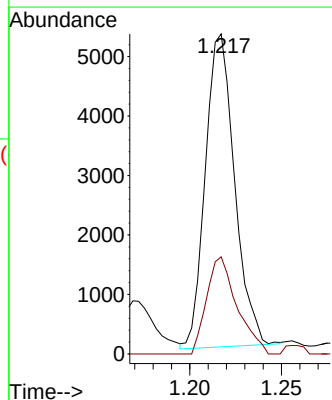
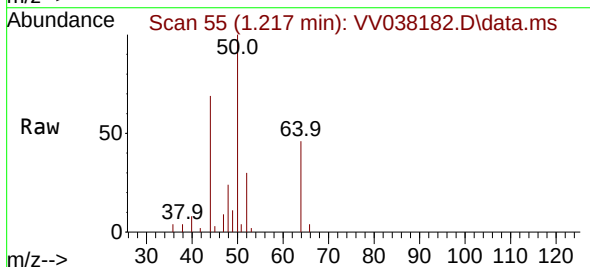
Instrument :
 MSVOA_V
 ClientSampleId :

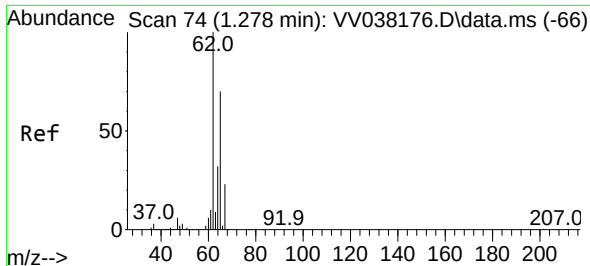
Tgt Ion: 85 Resp: 5327
 Ion Ratio Lower Upper
 85 100
 87 28.5 26.5 39.7



#3
 Chloromethane
 Concen: 0.305 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV038182.D
 Acq: 19 Nov 2024 17:19

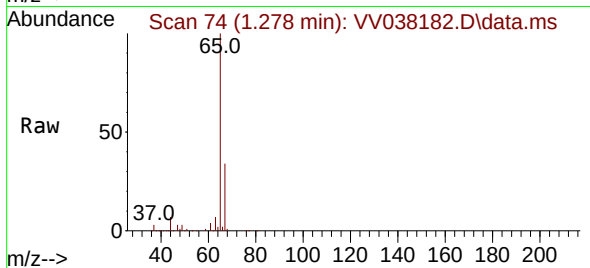
Tgt Ion: 50 Resp: 5853
 Ion Ratio Lower Upper
 50 100
 52 30.4 23.5 43.7



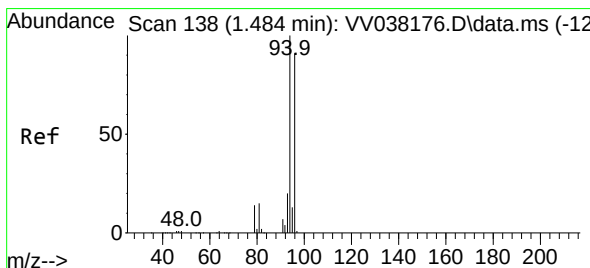
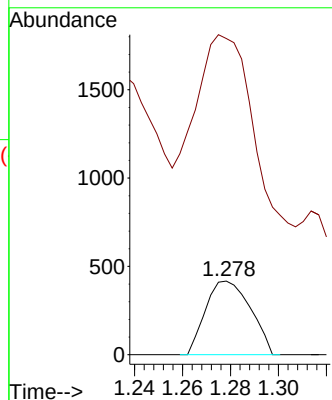
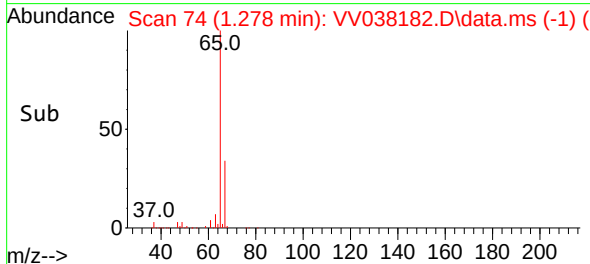


#5
 Vinyl chloride
 Concen: 0.025 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV038182.D
 Acq: 19 Nov 2024 17:19

Instrument :
 MSVOA_V
 ClientSampleId :

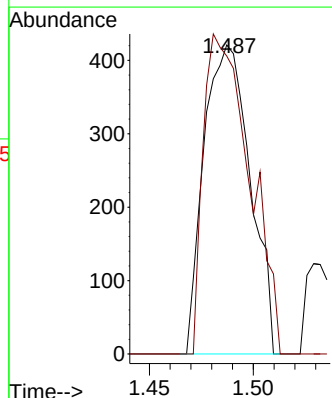
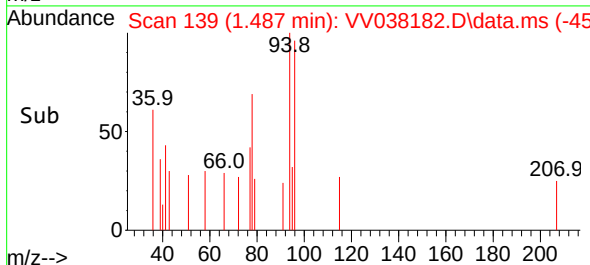
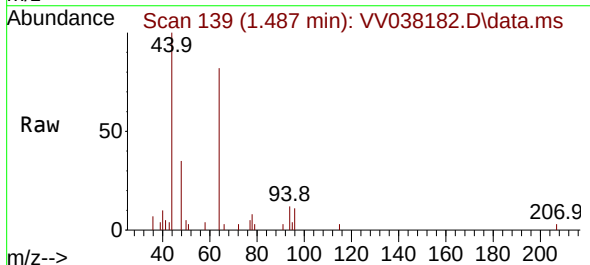


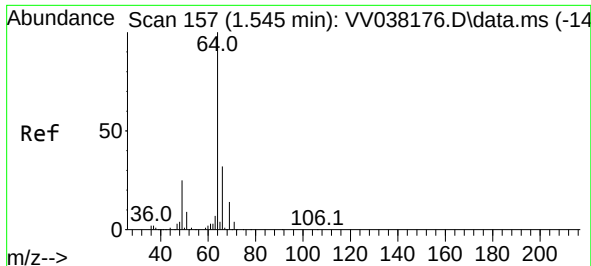
Tgt Ion: 62 Resp: 542
 Ion Ratio Lower Upper
 62 100
 64 429.3 24.4 45.4#



#6
 Bromomethane
 Concen: 0.077 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV038182.D
 Acq: 19 Nov 2024 17:19

Tgt Ion: 94 Resp: 651
 Ion Ratio Lower Upper
 94 100
 96 96.4 63.7 118.3

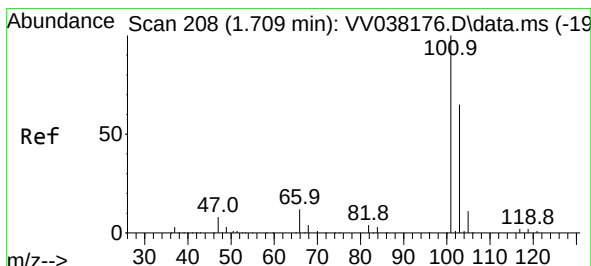
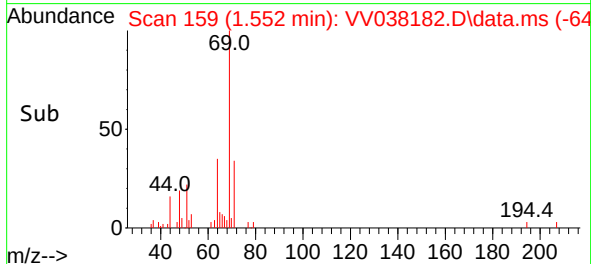
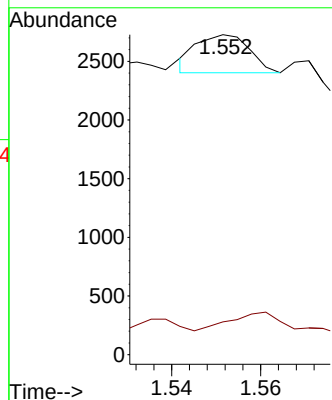
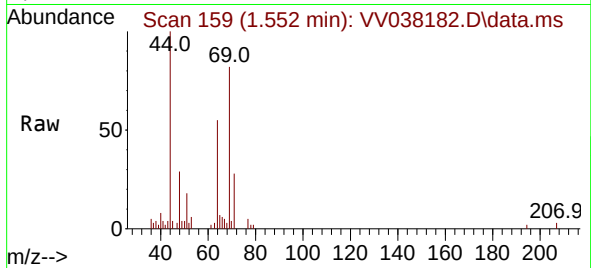




#8
Chloroethane
Concen: 0.019 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

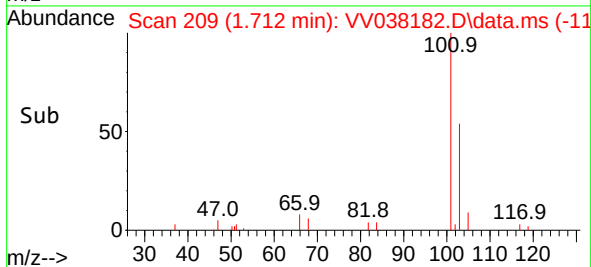
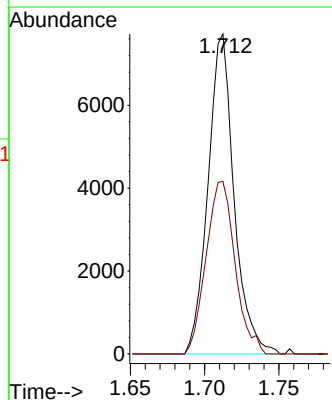
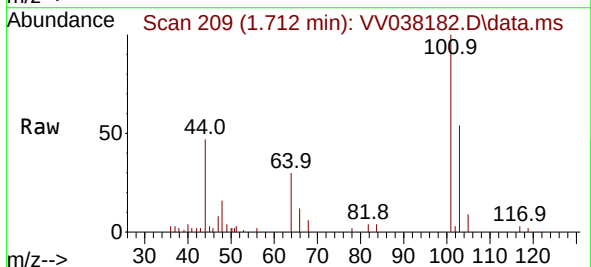
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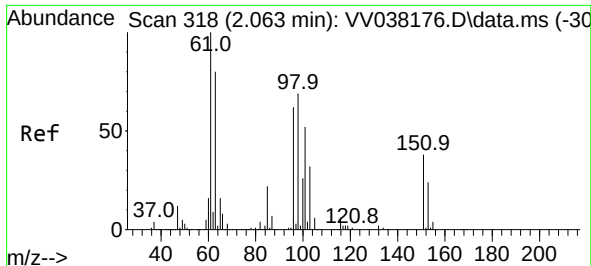
Tgt Ion: 64 Resp: 268
Ion Ratio Lower Upper
64 100
66 10.2 22.0 40.8#



#9
Trichlorofluoromethane
Concen: 0.304 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.003 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

Tgt Ion: 101 Resp: 9416
Ion Ratio Lower Upper
101 100
103 60.1 51.5 77.3

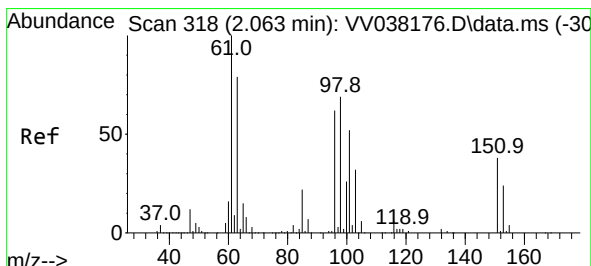
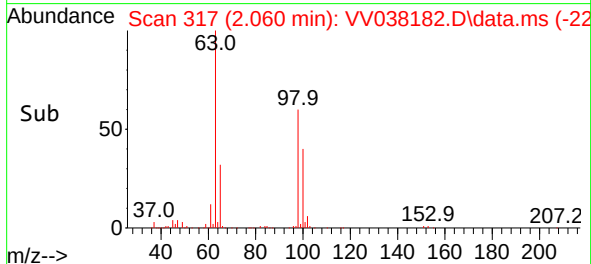
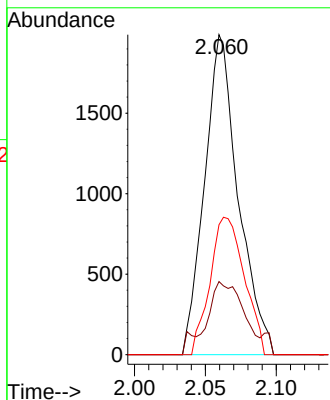
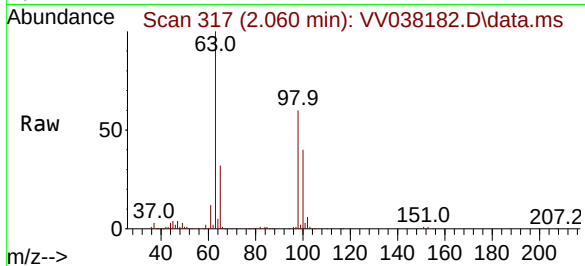




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.186 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV038182.D
 Acq: 19 Nov 2024 17:19

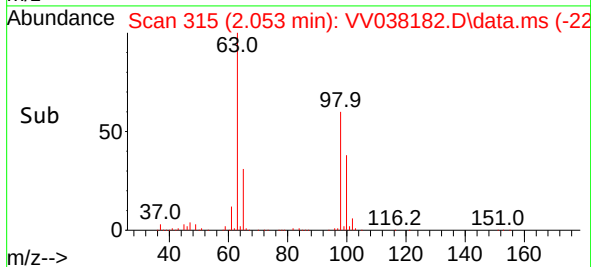
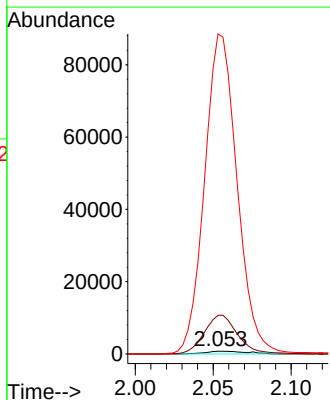
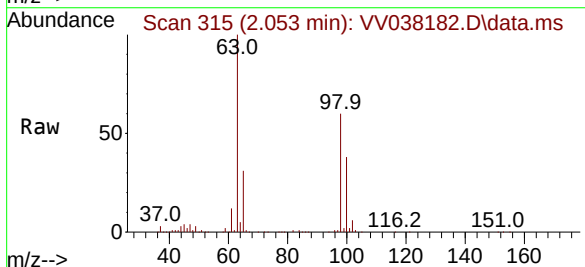
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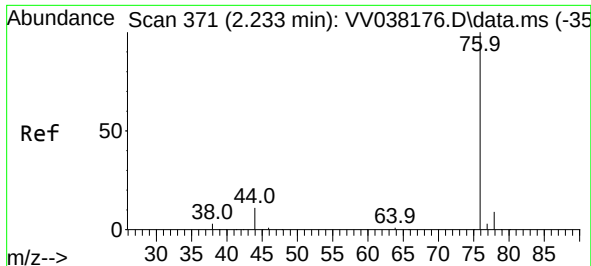
Tgt Ion:101 Resp: 3278
 Ion Ratio Lower Upper
 101 100
 85 27.1 33.4 50.0#
 151 43.9 58.8 88.2#



#12
 1,1-Dichloroethene
 Concen: 0.085 ug/L
 RT: 2.053 min Scan# 315
 Delta R.T. -0.010 min
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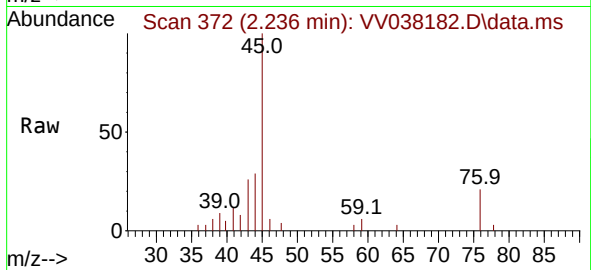
Tgt Ion: 96 Resp: 1425
 Ion Ratio Lower Upper
 96 100
 61 1395.7 115.7 214.9#
 63 11528.1 101.1 187.7#



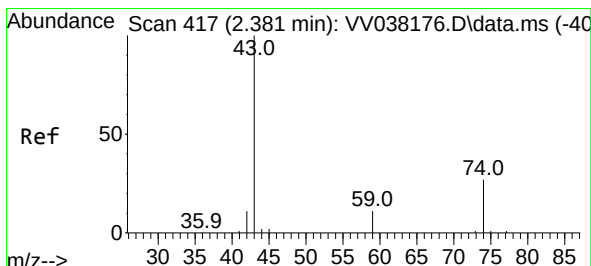
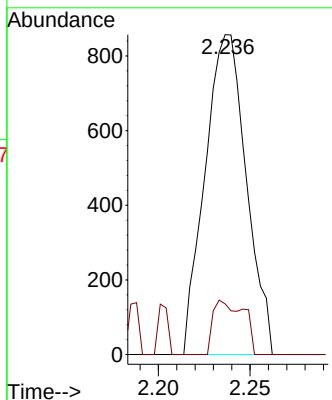
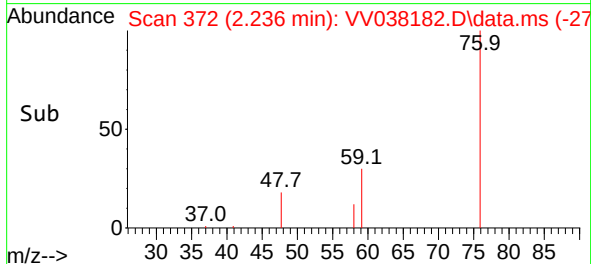


#14
Carbon disulfide
Concen: 0.025 ug/L
RT: 2.236 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038182.D
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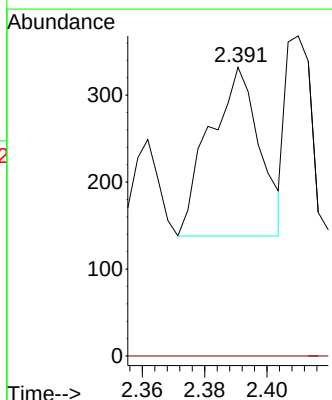
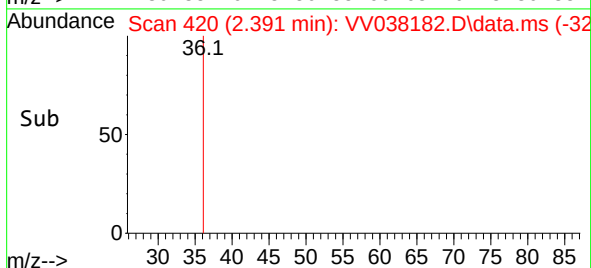
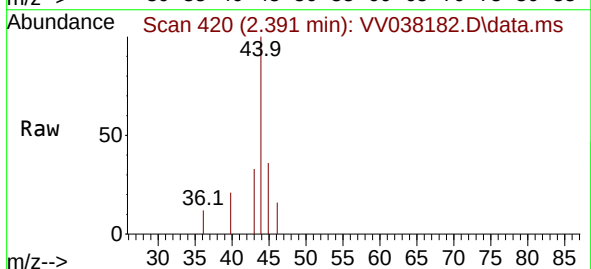


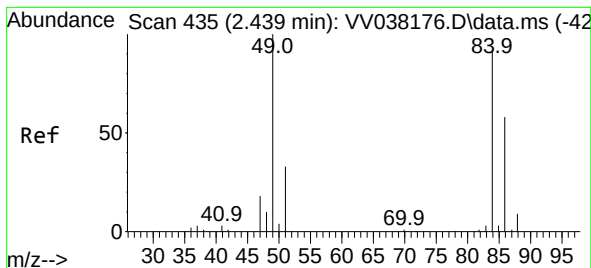
Tgt Ion: 76 Resp: 1344
Ion Ratio Lower Upper
76 100
78 15.9 7.4 11.0#



#15
Methyl Acetate
Concen: 0.033 ug/L
RT: 2.391 min Scan# 420
Delta R.T. 0.010 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
74 0.0 22.4 33.6#





#16

Methylene chloride

Concen: 0.679 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV038182.D

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Instrument :

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ClientSampleId :

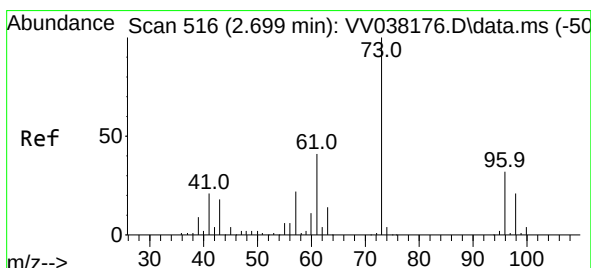
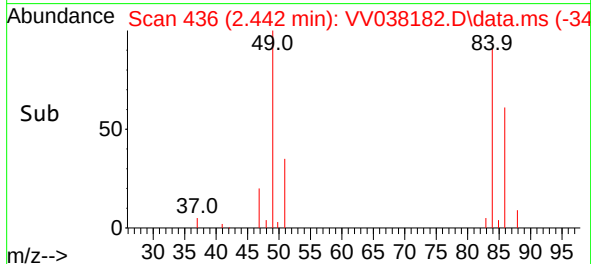
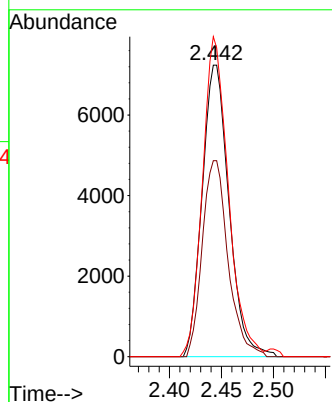
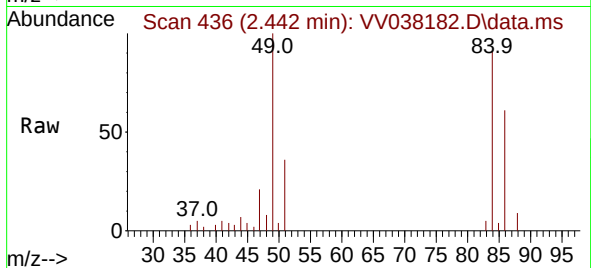
Tgt Ion: 84 Resp: 13018

Ion Ratio Lower Upper

84 100

86 67.2 44.2 82.2

49 109.7 74.9 139.1



#17

Methyl tert-butyl Ether

Concen: 0.626 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV038182.D

Acq: 19 Nov 2024 17:19

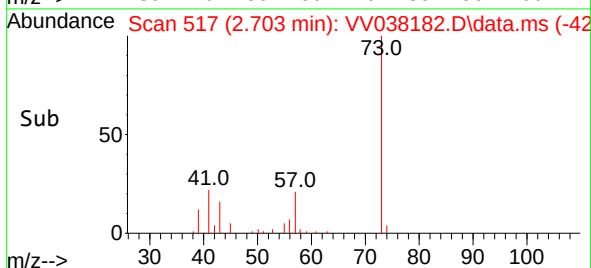
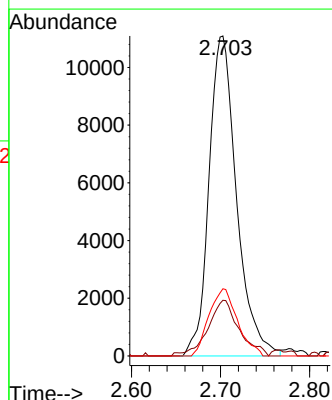
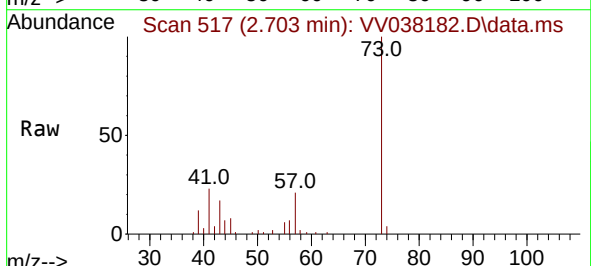
Tgt Ion: 73 Resp: 23815

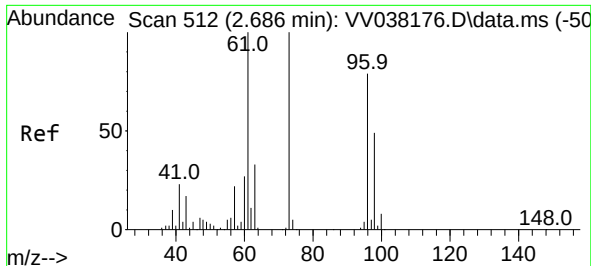
Ion Ratio Lower Upper

73 100

43 19.7 14.2 21.2

57 21.7 17.6 26.4

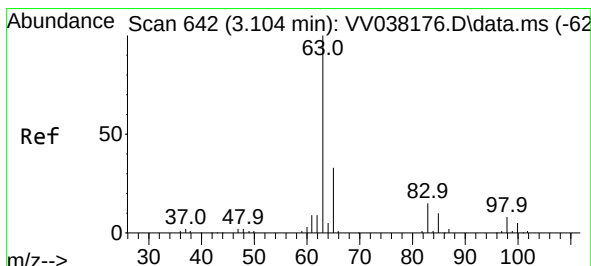
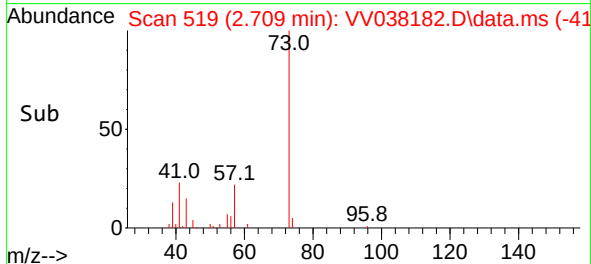
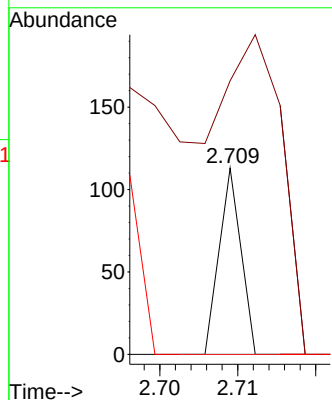
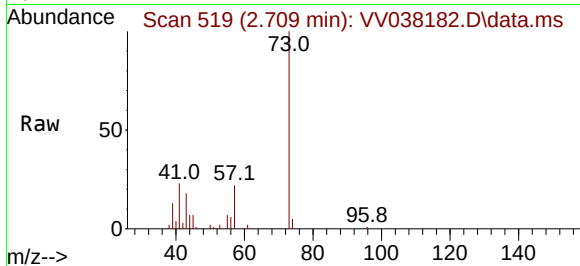




#18
trans-1,2-Dichloroethene
Concen: 0.001 ug/L
RT: 2.709 min Scan# 512
Delta R.T. 0.023 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

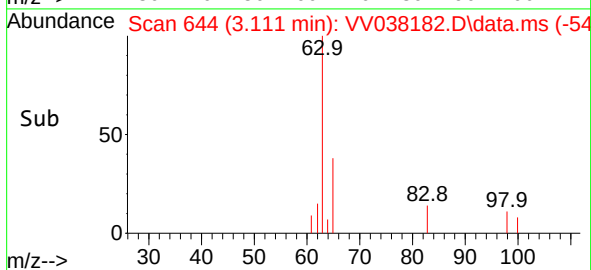
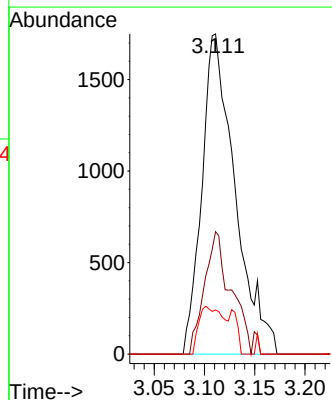
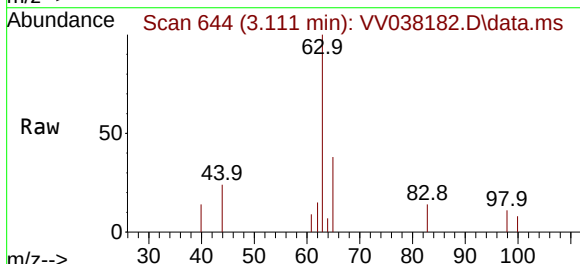
Instrument :
MSVOA_V
ClientSampleId :

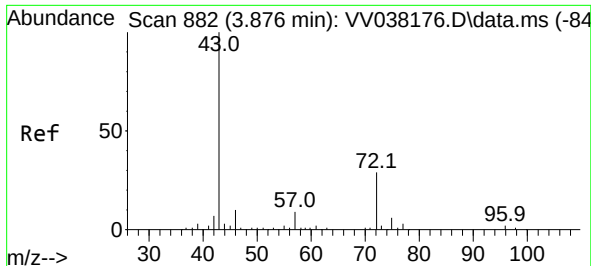
Tgt Ion: 96 Resp: 22
Ion Ratio Lower Upper
96 100
61 146.9 88.5 164.4
98 0.0 43.9 81.5#



#19
1,1-Dichloroethane
Concen: 0.125 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.006 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

Tgt Ion: 63 Resp: 4013
Ion Ratio Lower Upper
63 100
65 38.2 22.5 41.7
83 13.8 10.1 18.9

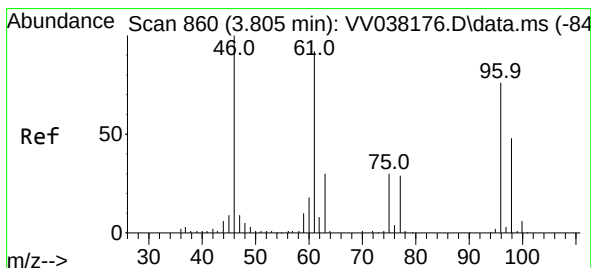
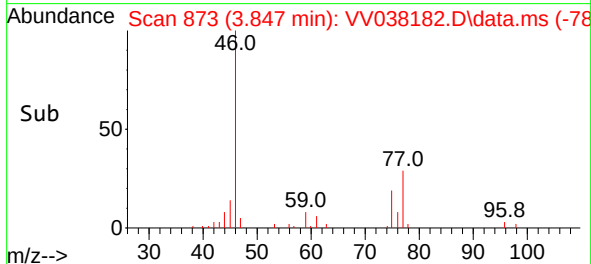
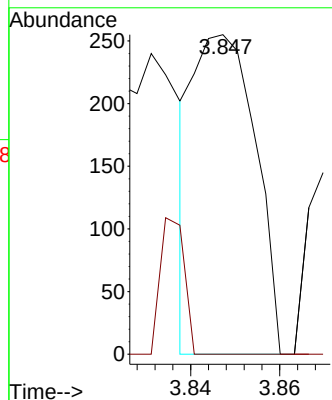
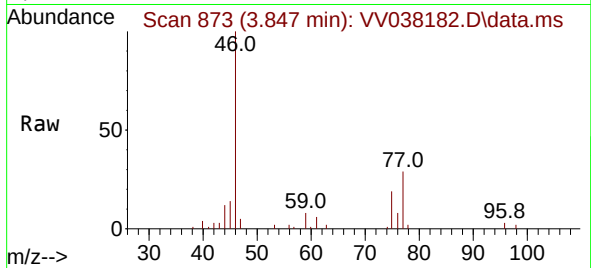




#21
2-Butanone
Concen: 0.065 ug/L
RT: 3.847 min Scan# 81
Delta R.T. -0.029 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

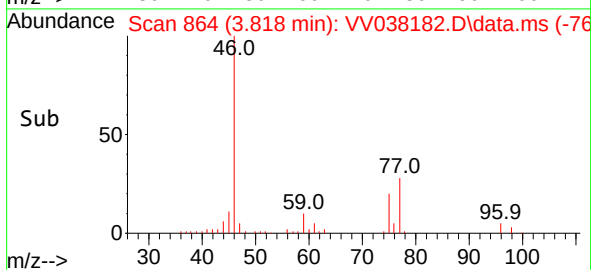
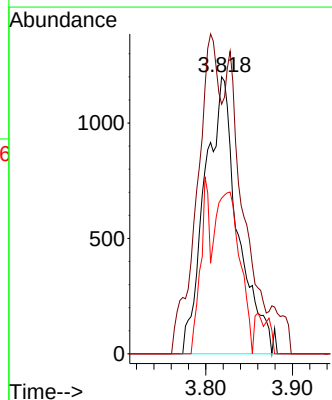
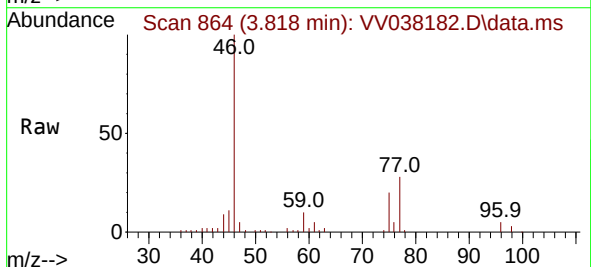
Instrument :
MSVOA_V
ClientSampleId :

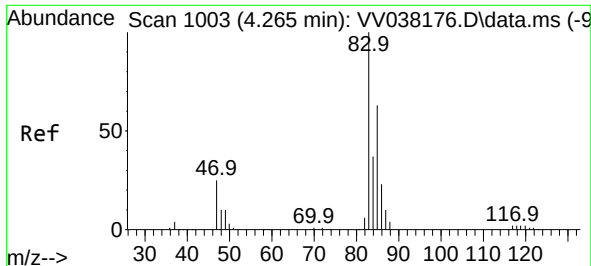
Tgt Ion: 43 Resp: 248
Ion Ratio Lower Upper
43 100
72 16.5 13.0 39.0



#22
cis-1,2-Dichloroethene
Concen: 0.175 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.013 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

Tgt Ion: 96 Resp: 3201
Ion Ratio Lower Upper
96 100
61 90.2 82.7 153.5
98 56.3 46.3 85.9





#25

Chloroform

Concen: 0.650 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV038182.D

Acq: 19 Nov 2024 17:19

Instrument :

MSVOA_V

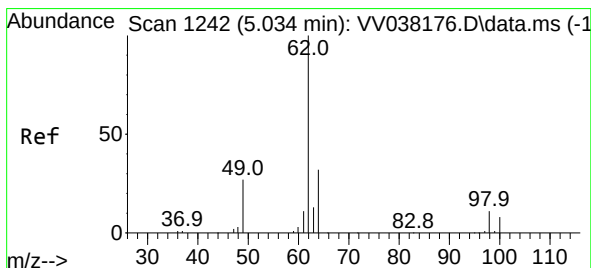
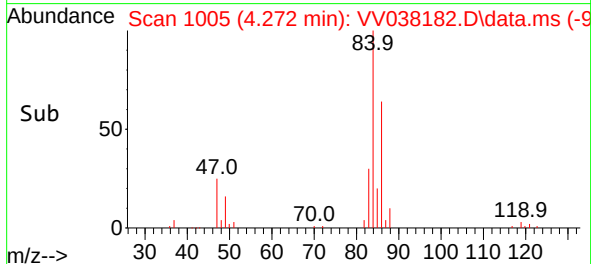
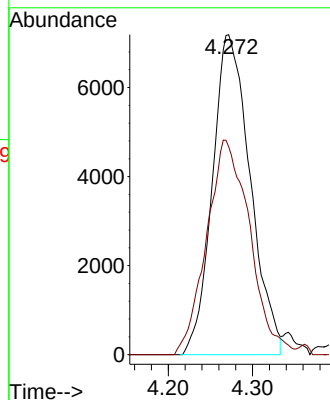
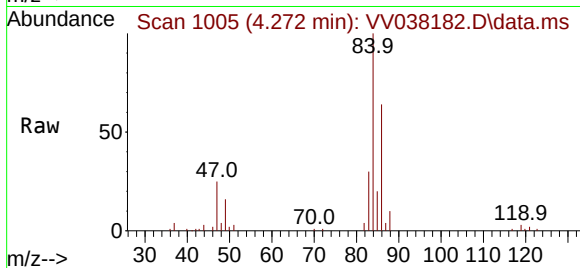
ClientSampleId :

Tgt Ion: 83 Resp: 22378

Ion Ratio Lower Upper

83 100

85 65.0 46.5 86.3



#27

1,2-Dichloroethane

Concen: 0.114 ug/L

RT: 4.950 min Scan# 1216

Delta R.T. -0.084 min

Lab File: VV038182.D

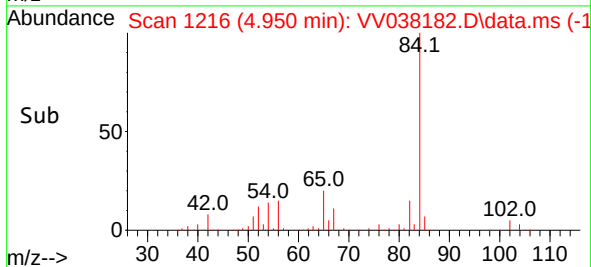
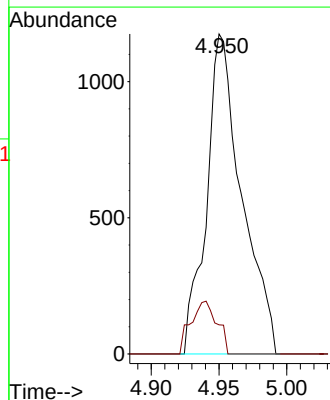
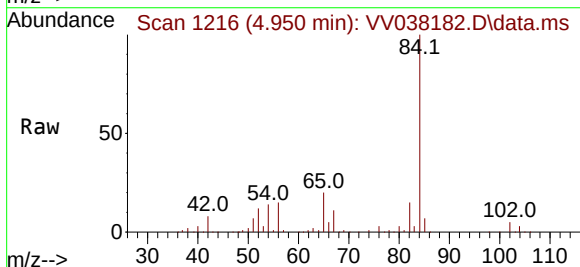
Acq: 19 Nov 2024 17:19

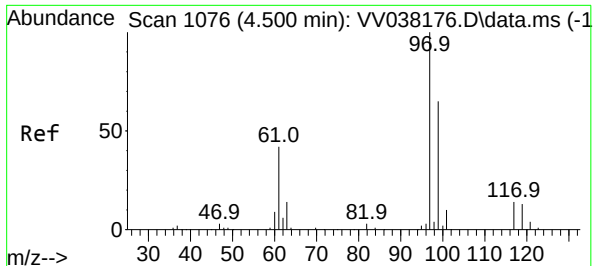
Tgt Ion: 62 Resp: 2125

Ion Ratio Lower Upper

62 100

98 9.1 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 0.665 ug/L

RT: 4.510 min Scan# 1076

Delta R.T. 0.010 min

Lab File: VV038182.D

Acq: 19 Nov 2024 17:19

Instrument :

MSVOA_V

ClientSampleId :

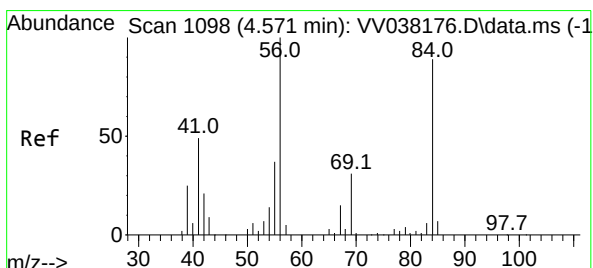
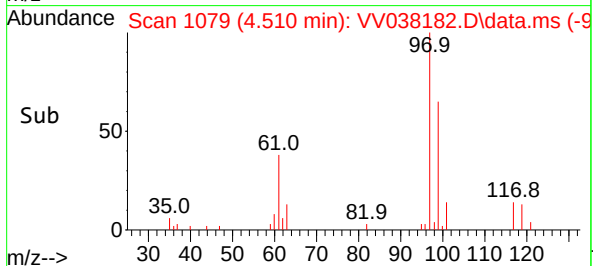
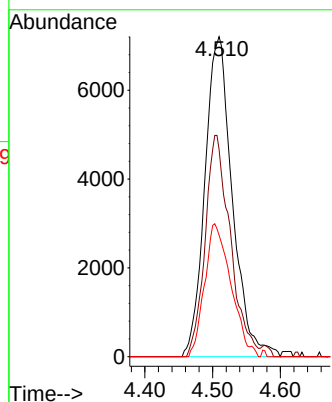
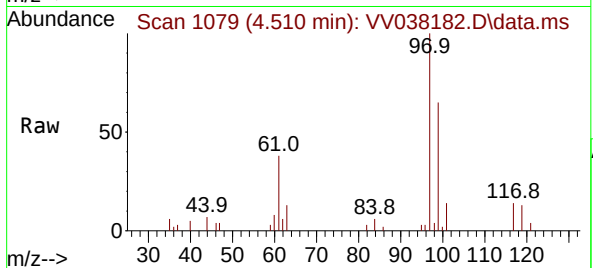
Tgt Ion: 97 Resp: 20271

Ion Ratio Lower Upper

97 100

99 63.5 51.8 77.8

61 39.8 32.2 48.2



#30

Cyclohexane

Concen: 0.002 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV038182.D

Acq: 19 Nov 2024 17:19

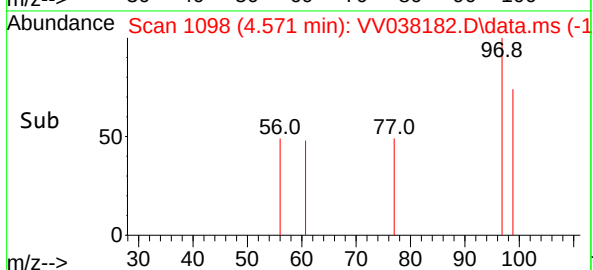
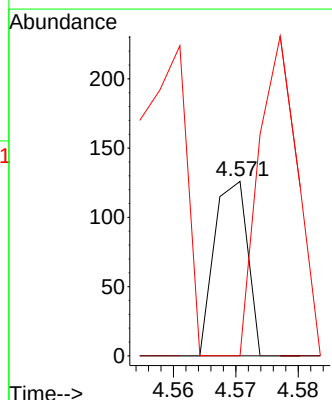
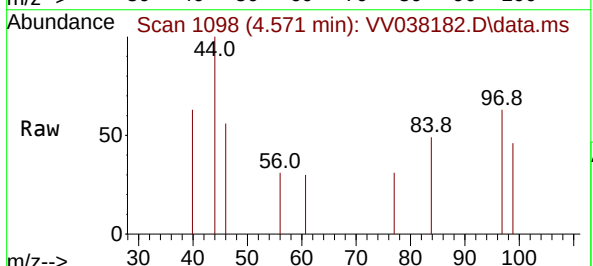
Tgt Ion: 56 Resp: 46

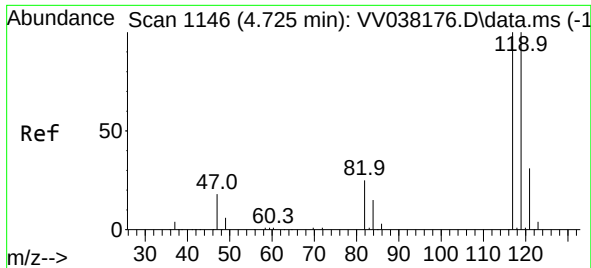
Ion Ratio Lower Upper

56 100

69 0.0 26.0 39.0#

84 0.0 75.6 113.4#

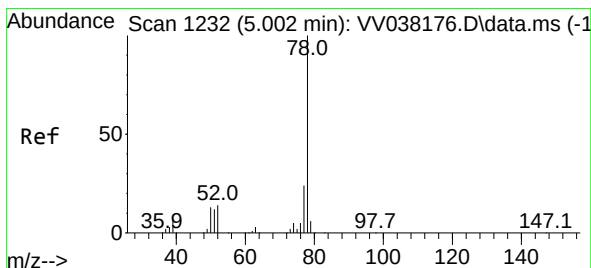
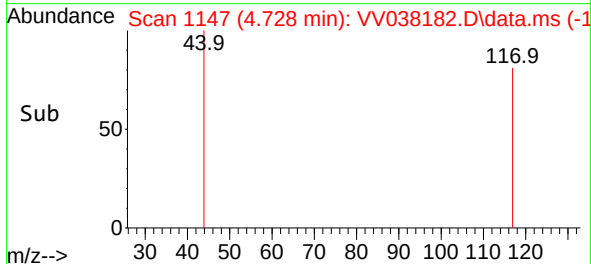
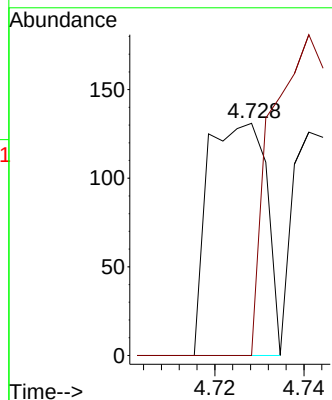
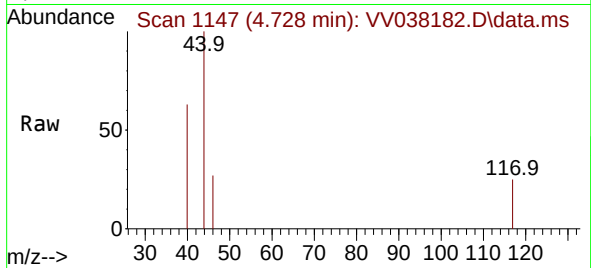




#31
Carbon tetrachloride
Concen: 0.004 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

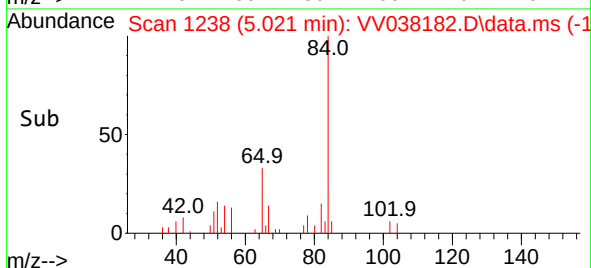
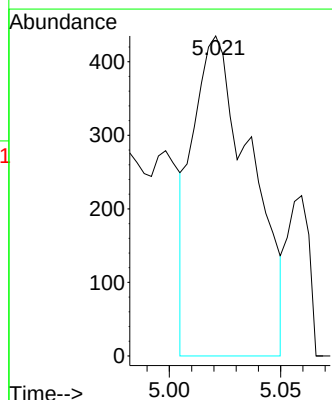
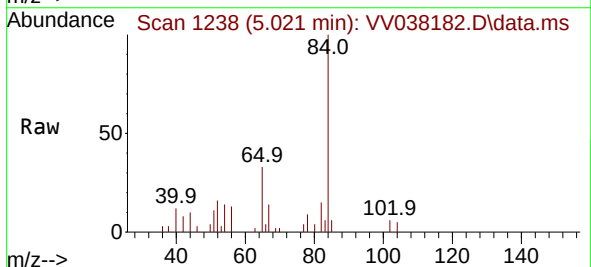
Instrument :
MSVOA_V
ClientSampleId :

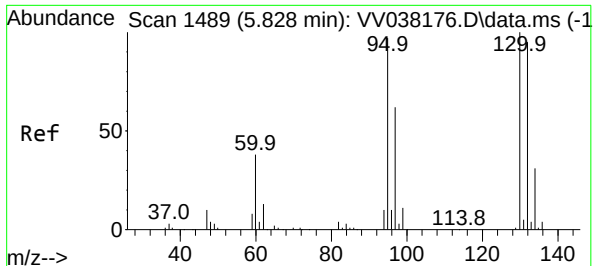
Tgt Ion:117 Resp: 118
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.2#



#33
Benzene
Concen: 0.011 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.019 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

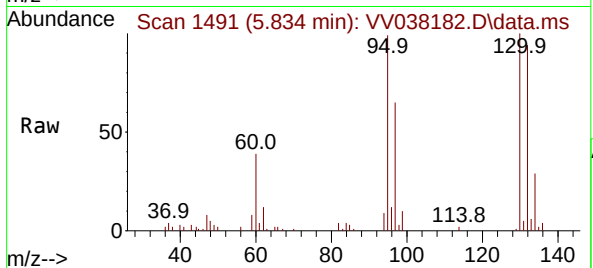
Tgt Ion: 78 Resp: 794





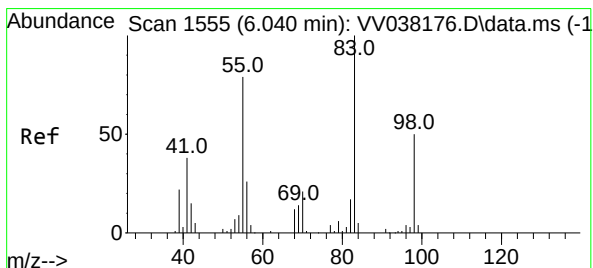
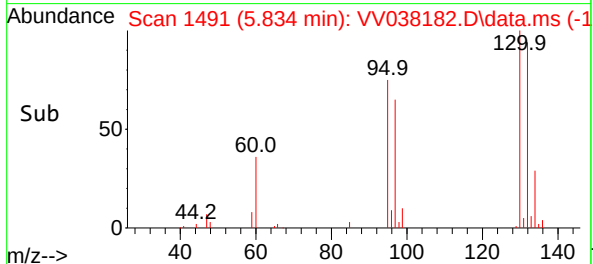
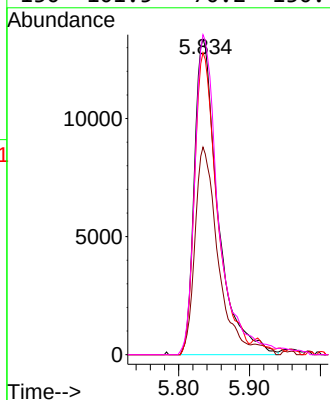
#34
Trichloroethene
Concen: 1.585 ug/L
RT: 5.834 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 30856

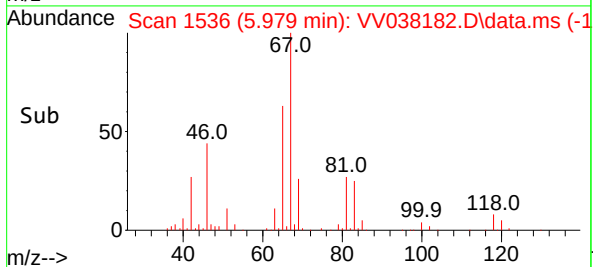
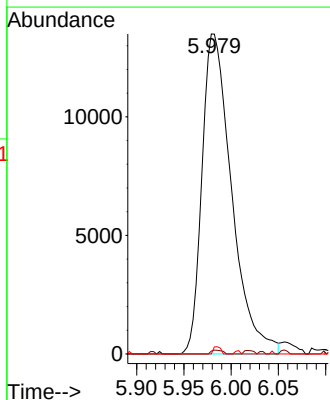
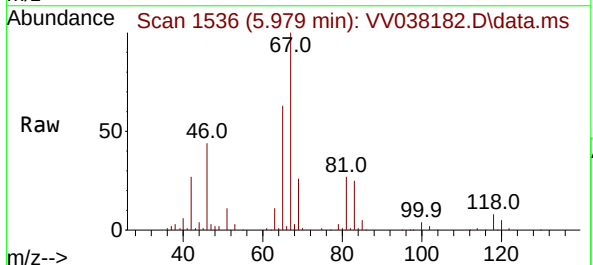
Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.8	83.2
132	95.7	68.3	126.8
130	101.5	70.2	130.4

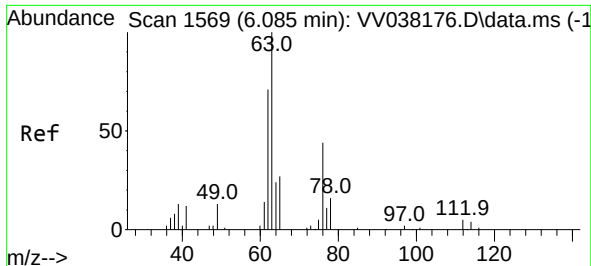


#35
Methylcyclohexane
Concen: 1.068 ug/L
RT: 5.979 min Scan# 1536
Delta R.T. -0.061 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

Tgt Ion: 83 Resp: 29420

Ion	Ratio	Lower	Upper
83	100		
55	0.4	59.7	89.5#
98	0.6	39.0	58.4#





#37

1,2-Dichloropropane

Concen: 0.703 ug/L

RT: 5.982 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV038182.D

Acq: 19 Nov 2024 17:19

Instrument :

MSVOA_V

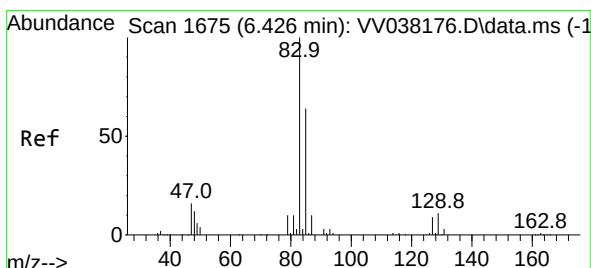
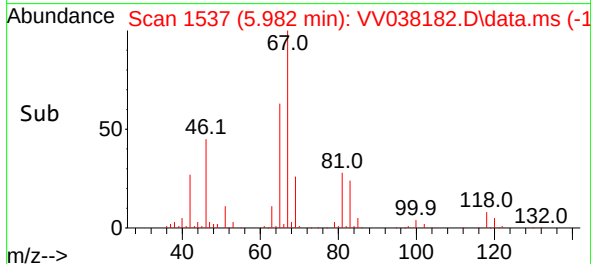
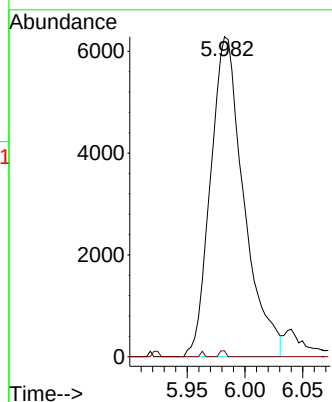
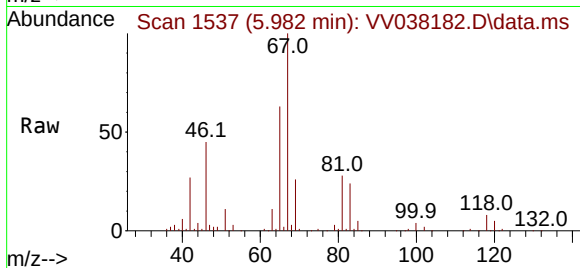
ClientSampleId :

Tgt Ion: 63 Resp: 12580

Ion Ratio Lower Upper

63 100

112 0.3 3.9 5.9#



#38

Bromodichloromethane

Concen: 0.005 ug/L

RT: 6.458 min Scan# 1685

Delta R.T. 0.032 min

Lab File: VV038182.D

Acq: 19 Nov 2024 17:19

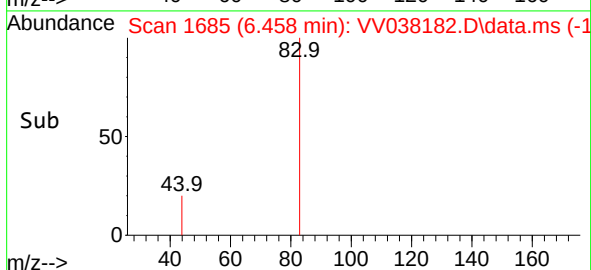
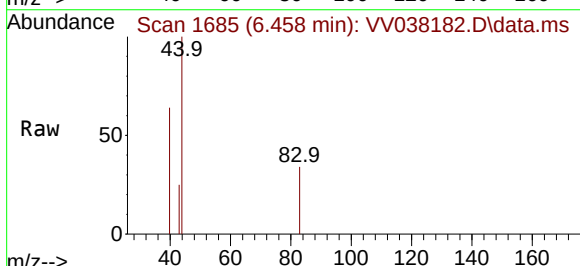
Tgt Ion: 83 Resp: 109

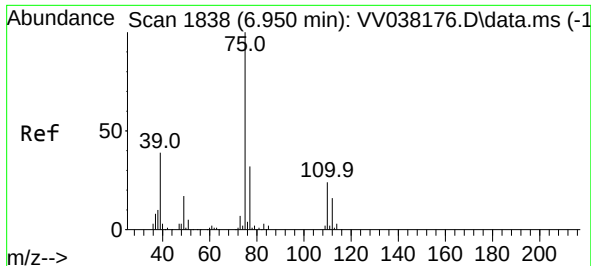
Ion Ratio Lower Upper

83 100

85 0.0 43.9 81.5#

127 0.0 6.7 10.1#





#39

cis-1,3-Dichloropropene

Concen: 0.007 ug/L

RT: 6.976 min Scan# 11

Delta R.T. 0.026 min

Lab File: VV038182.D

Acq: 19 Nov 2024 17:19

Instrument :

MSVOA_V

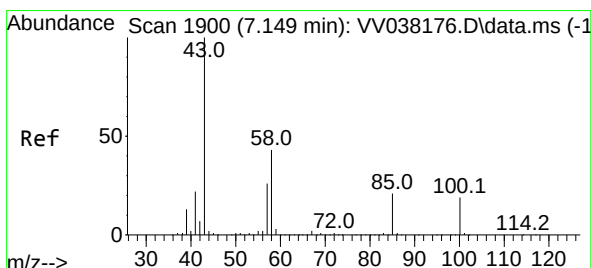
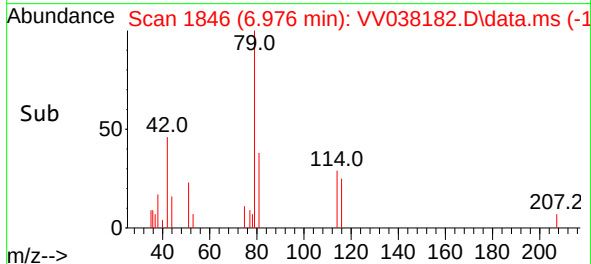
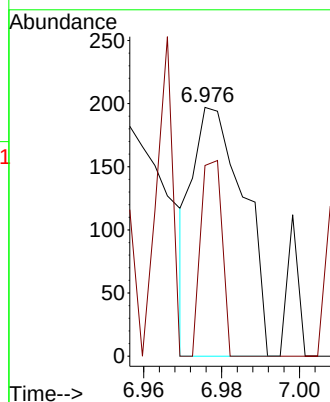
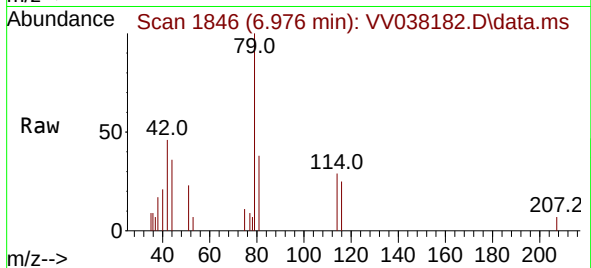
ClientSampleId :

Tgt Ion: 75 Resp: 180

Ion Ratio Lower Upper

75 100

77 76.6 23.4 43.6#



#40

4-Methyl-2-pentanone

Concen: 0.028 ug/L

RT: 7.108 min Scan# 1887

Delta R.T. -0.042 min

Lab File: VV038182.D

Acq: 19 Nov 2024 17:19

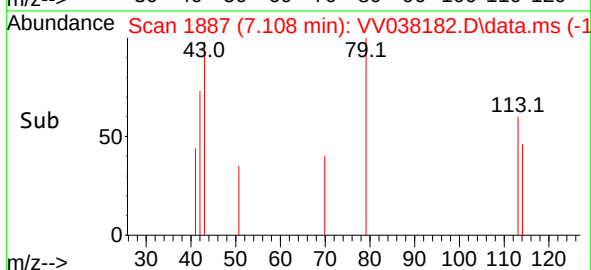
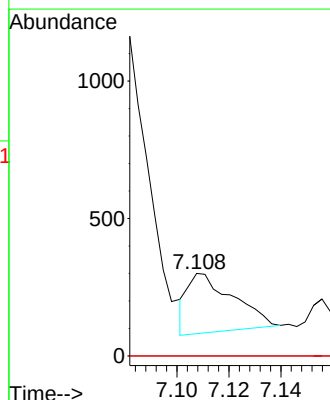
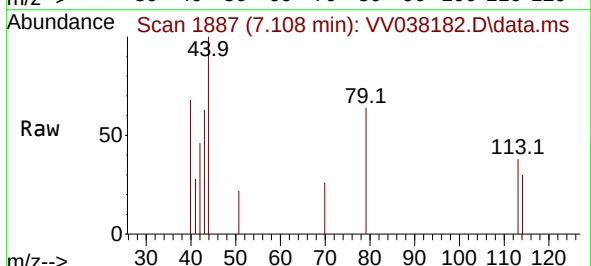
Tgt Ion: 43 Resp: 263

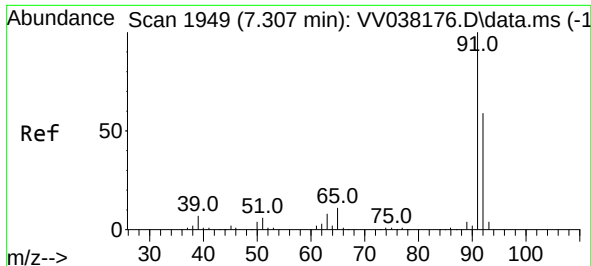
Ion Ratio Lower Upper

43 100

58 0.0 33.4 50.2#

100 0.0 14.3 21.5#





#42

Toluene

Concen: 0.172 ug/L

RT: 7.329 min Scan# 1949

Delta R.T. 0.023 min

Lab File: VV038182.D

Acq: 19 Nov 2024 17:19

Instrument :

MSVOA_V

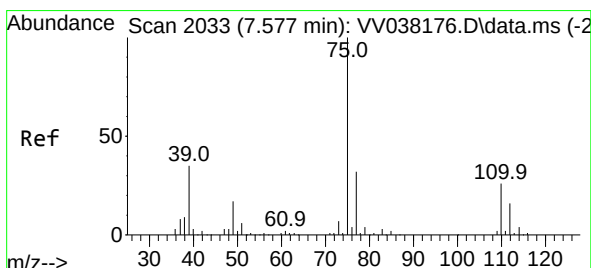
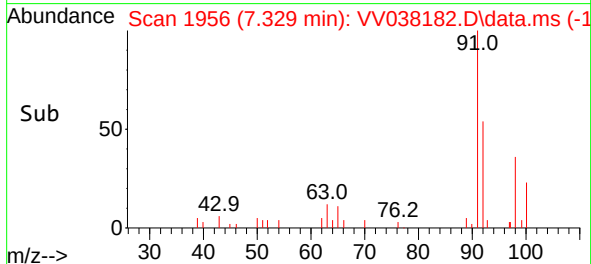
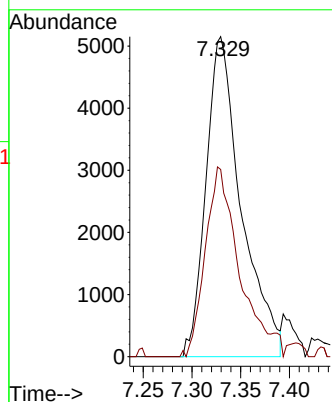
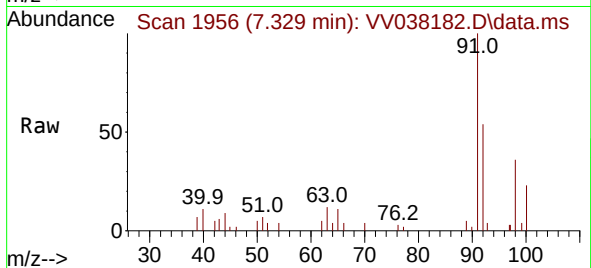
ClientSampleId :

Tgt Ion: 91 Resp: 12977

Ion Ratio Lower Upper

91 100

92 58.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 7.558 min Scan# 2027

Delta R.T. -0.019 min

Lab File: VV038182.D

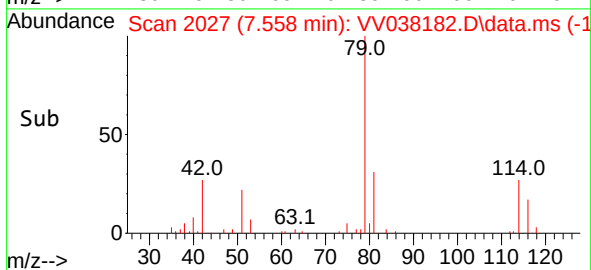
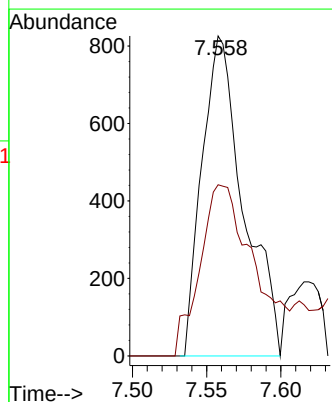
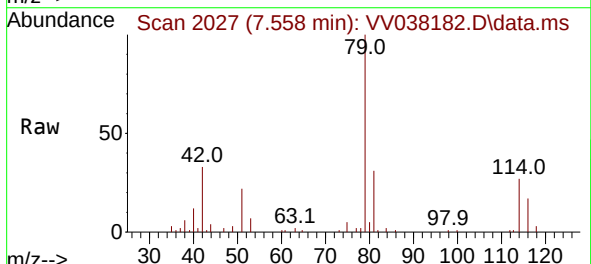
Acq: 19 Nov 2024 17:19

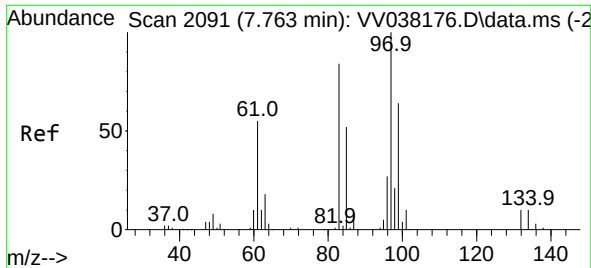
Tgt Ion: 75 Resp: 1607

Ion Ratio Lower Upper

75 100

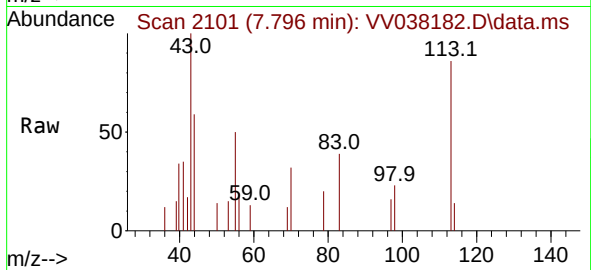
77 53.5 23.4 43.4#



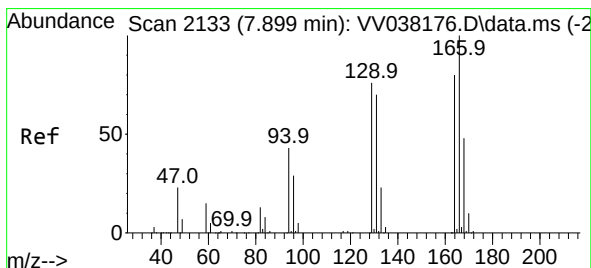
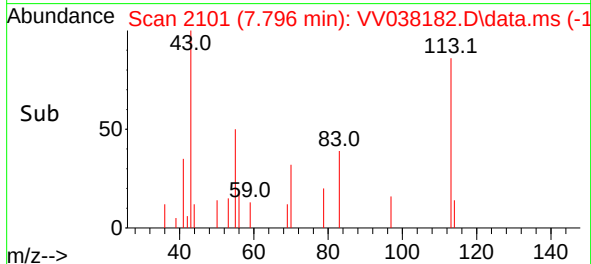
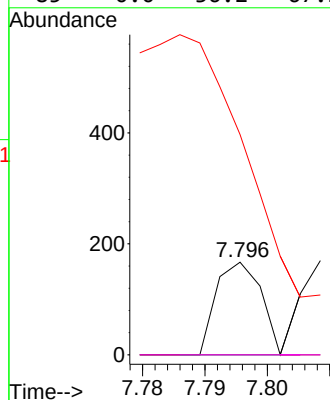


#45
1,1,2-Trichloroethane
Concen: 0.006 ug/L
RT: 7.796 min Scan# 2101
Delta R.T. 0.032 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

Instrument :
MSVOA_V
ClientSampleId :

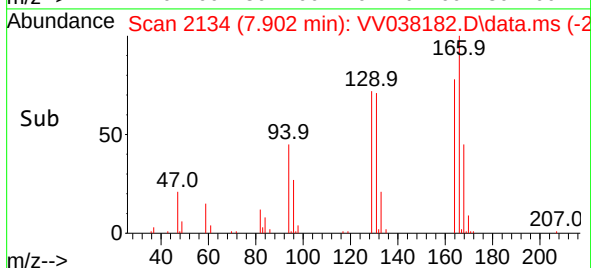
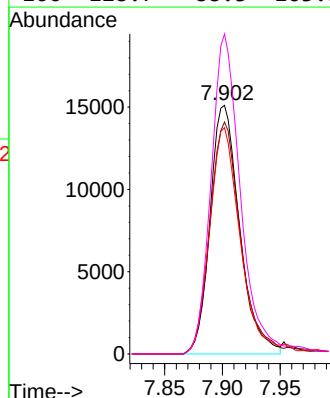
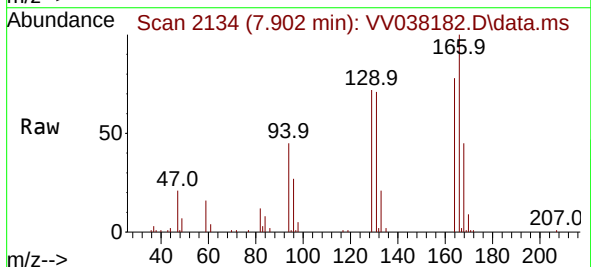


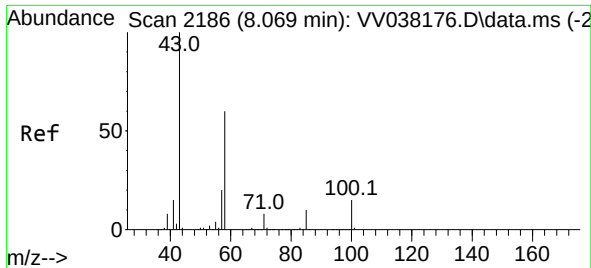
Tgt Ion:	97	Resp:	83
Ion	Ratio	Lower	Upper
97	100		
99	0.0	41.9	77.7#
83	237.7	57.7	107.1#
85	0.0	36.2	67.2#



#47
Tetrachloroethene
Concen: 1.720 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

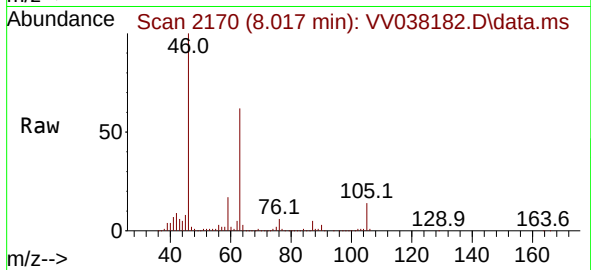
Tgt Ion:	164	Resp:	26915
Ion	Ratio	Lower	Upper
164	100		
129	93.3	68.5	127.1
131	91.0	64.8	120.4
166	128.7	88.3	163.9



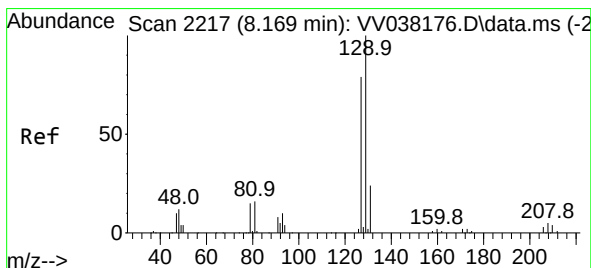
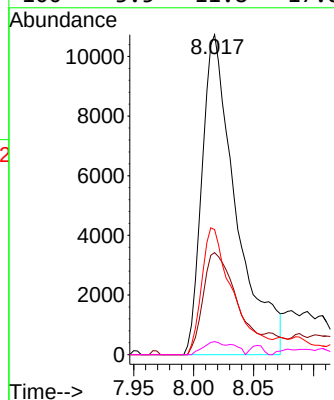
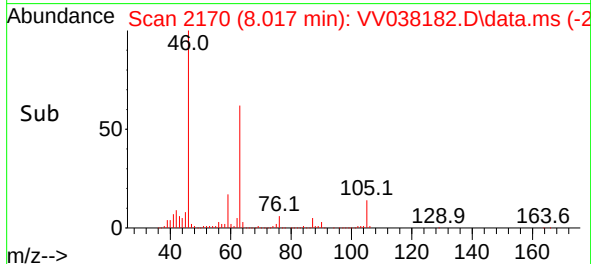


#48
2-Hexanone
Concen: 3.120 ug/L
RT: 8.017 min Scan# 21185
Delta R.T. -0.051 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

Instrument :
MSVOA_V
ClientSampleId :

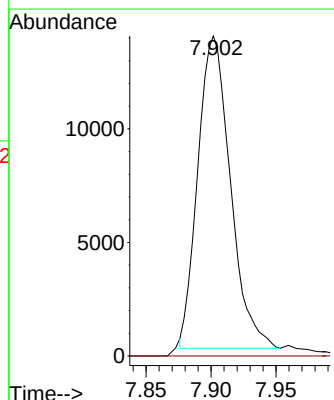
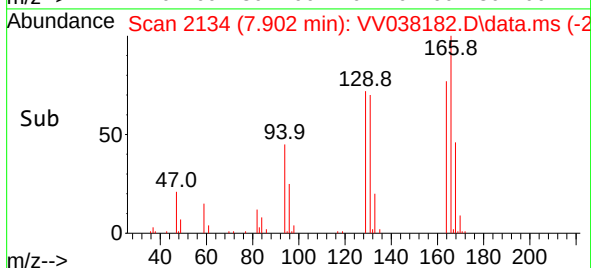
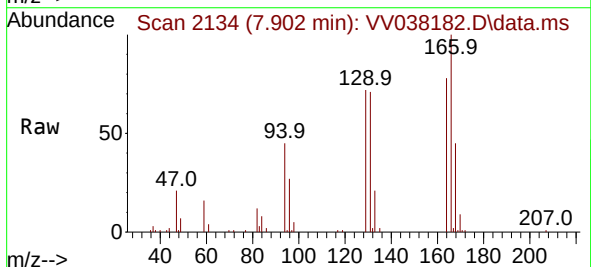


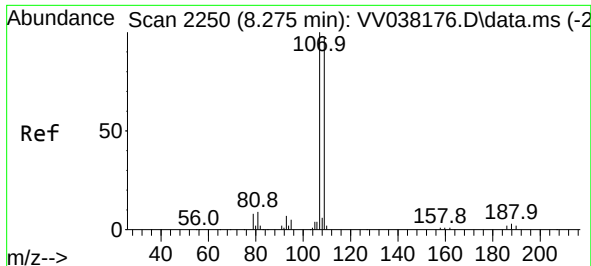
Tgt Ion: 43	Resp: 21185
Ion Ratio	Lower Upper
43 100	
58 31.7	49.2 73.8#
57 36.9	16.9 25.3#
100 3.5	11.8 17.8#



#49
Dibromochloromethane
Concen: 1.516 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.267 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

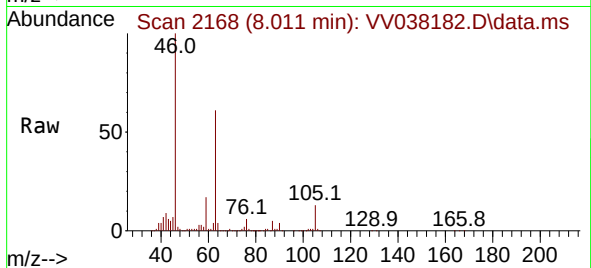
Tgt Ion:129	Resp: 23992		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	53.5	99.3#	



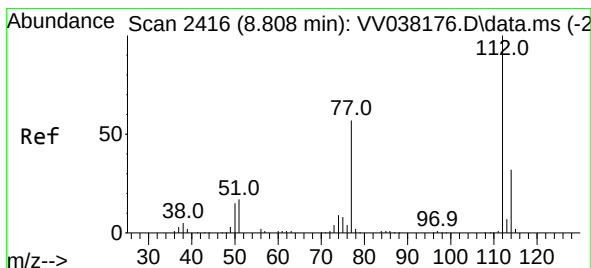
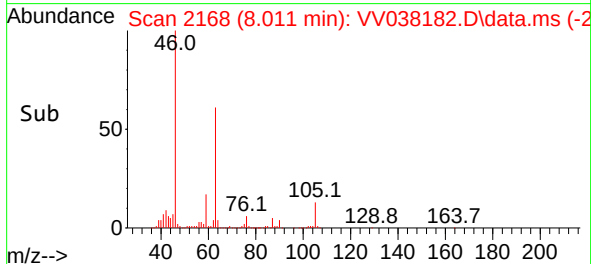
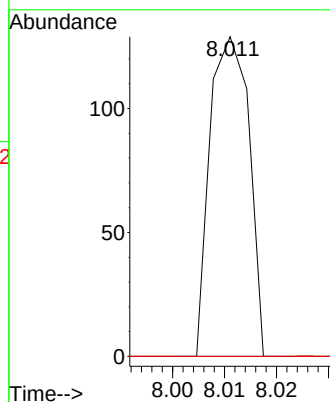


#50
1,2-Dibromoethane
Concen: 0.005 ug/L
RT: 8.011 min Scan# 2168
Delta R.T. -0.264 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

Instrument :
MSVOA_V
ClientSampleId :

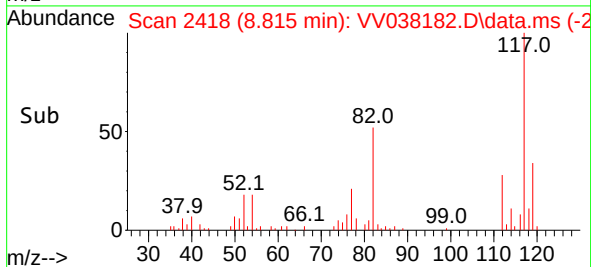
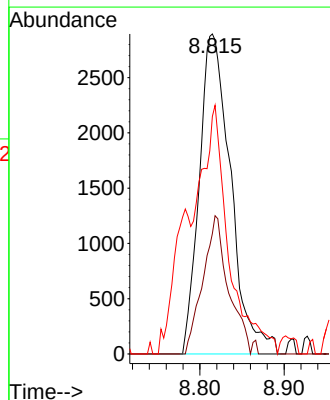
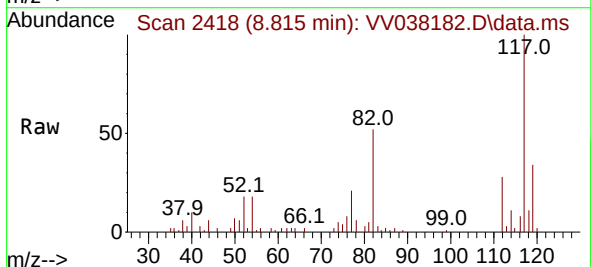


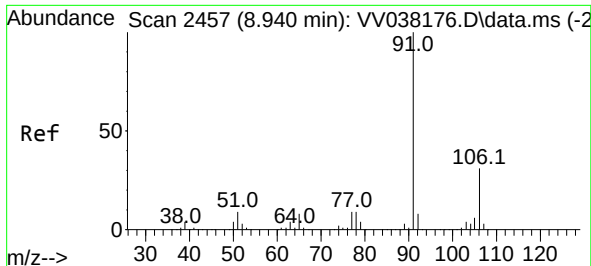
Tgt Ion:107 Resp: 67
Ion Ratio Lower Upper
107 100
109 0.0 66.1 122.7#
188 0.0 2.6 3.8#



#51
Chlorobenzene
Concen: 0.144 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.006 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

Tgt Ion:112 Resp: 7498
Ion Ratio Lower Upper
112 100
114 37.6 22.0 40.8
77 74.2 45.0 67.4#

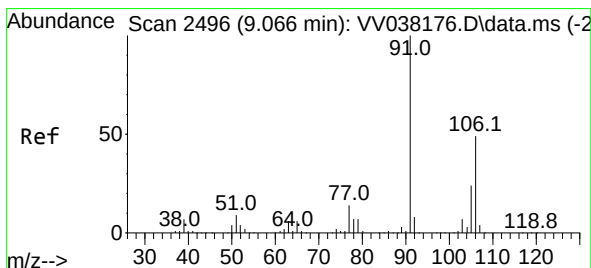
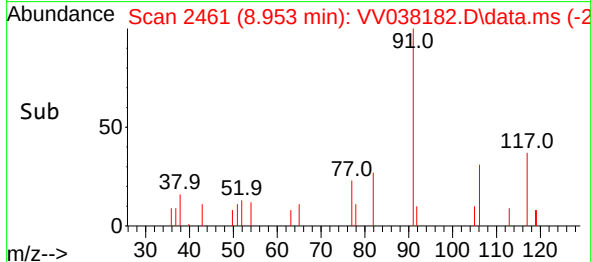
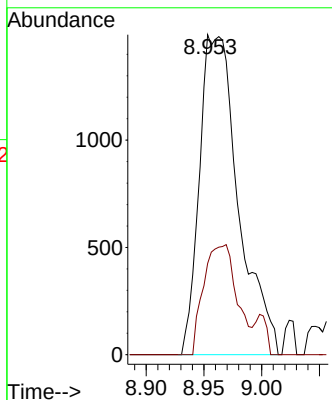
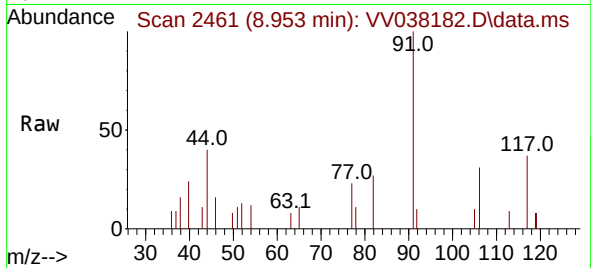




#52
Ethylbenzene
Concen: 0.044 ug/L
RT: 8.953 min Scan# 2457
Delta R.T. 0.013 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

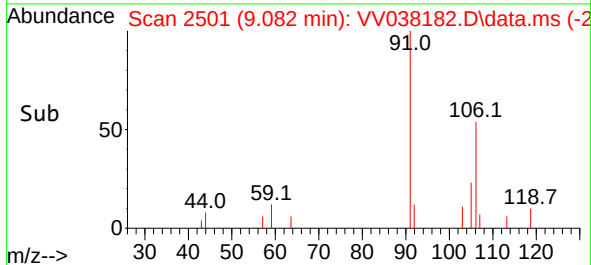
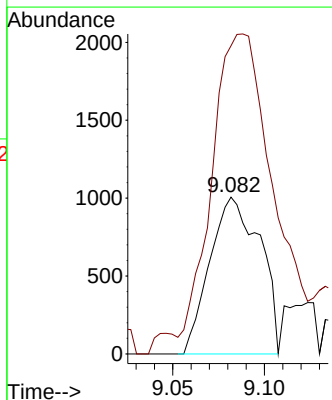
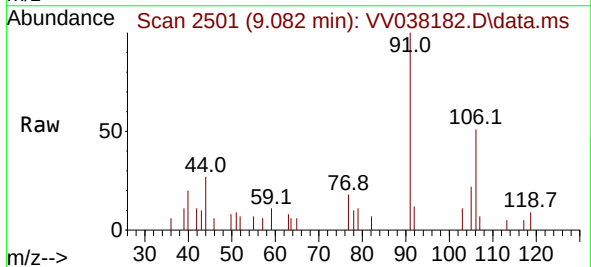
Instrument :
MSVOA_V
ClientSampleId :

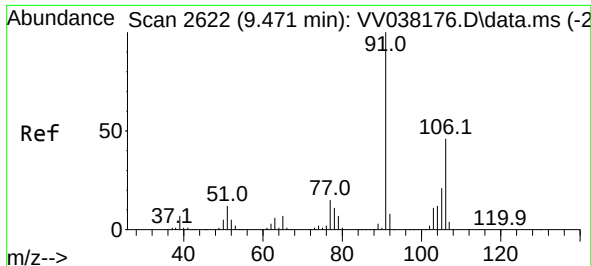
Tgt Ion: 91 Resp: 3498
Ion Ratio Lower Upper
91 100
106 28.5 21.8 40.4



#53
m,p-Xylene
Concen: 0.063 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.016 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

Tgt Ion: 106 Resp: 1914
Ion Ratio Lower Upper
106 100
91 196.6 138.7 257.5

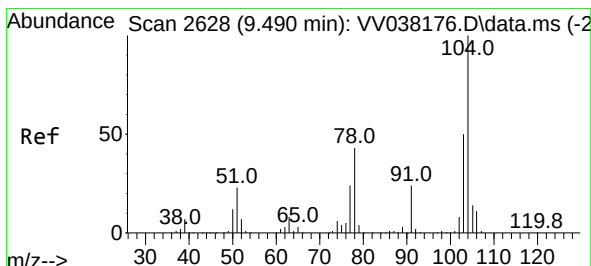
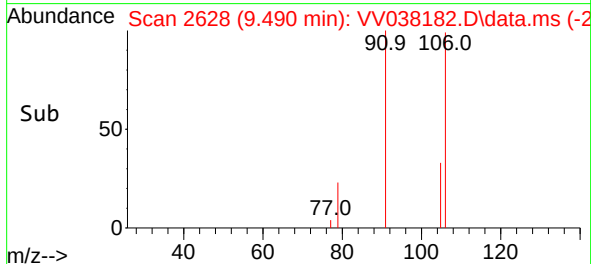
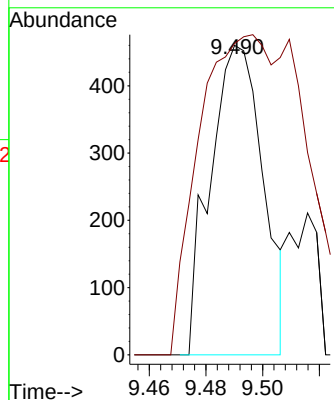
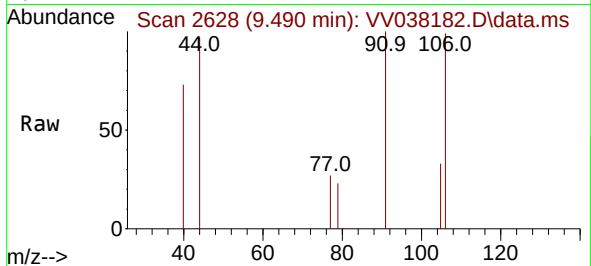




#54
o-Xylene
Concen: 0.020 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.019 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

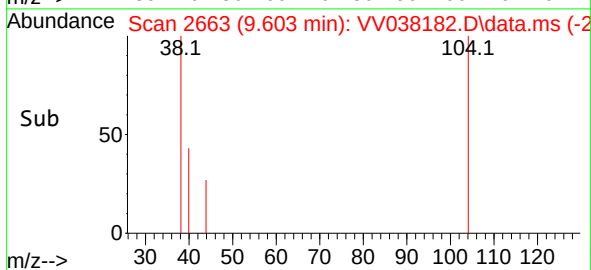
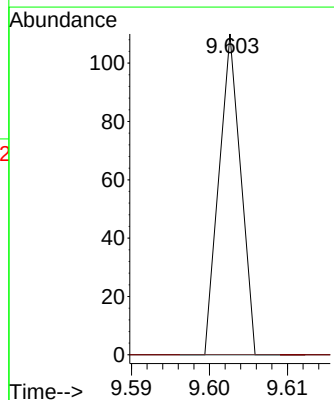
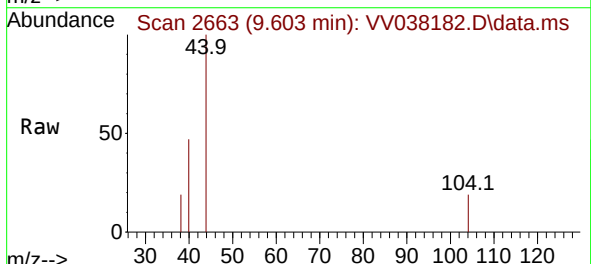
Instrument :
MSVOA_V
ClientSampleId :

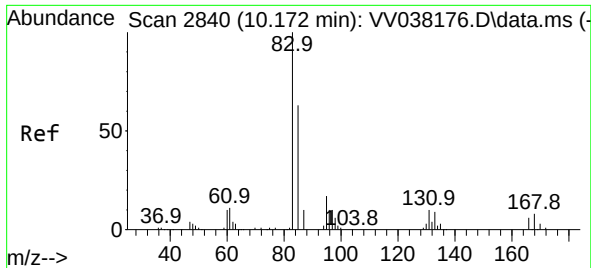
Tgt Ion:106 Resp: 599
Ion Ratio Lower Upper
106 100
91 100.7 155.5 288.7#



#55
Styrene
Concen: 0.000 ug/L
RT: 9.603 min Scan# 2663
Delta R.T. 0.113 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

Tgt Ion:104 Resp: 21
Ion Ratio Lower Upper
104 100
78 0.0 29.7 55.1#





#57

1,1,2,2-Tetrachloroethane

Concen: 0.085 ug/L

RT: 10.165 min Scan# 21

Delta R.T. -0.006 min

Lab File: VV038182.D

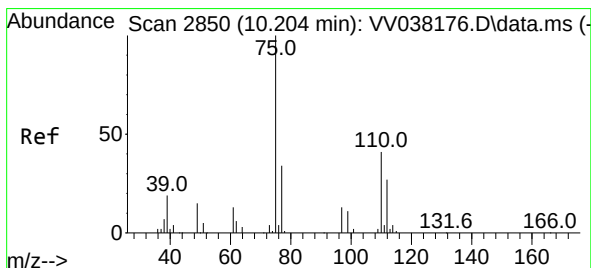
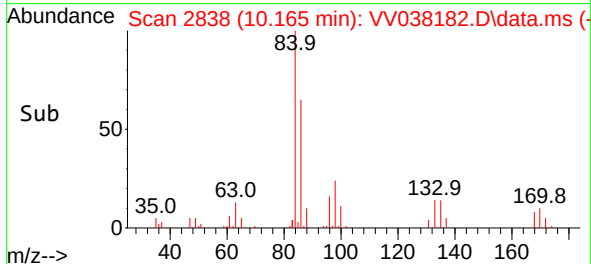
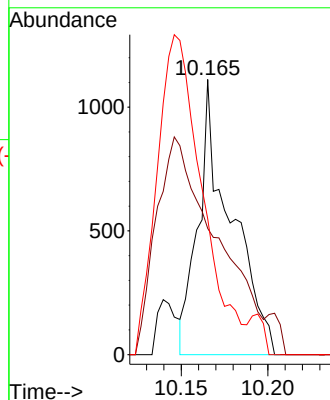
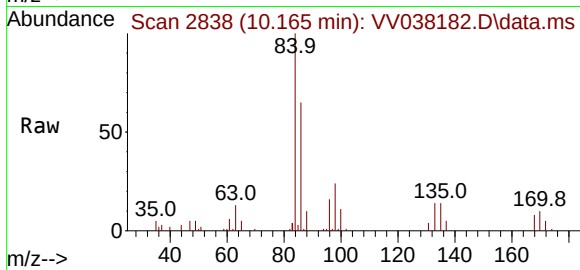
Acq: 19 Nov 2024 17:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 1445
Ion Ratio	Lower Upper
83	100
85	45.9 45.7 84.9
131	49.4 8.2 12.4#



#61

1,2,3-Trichloropropane

Concen: 1.280 ug/L

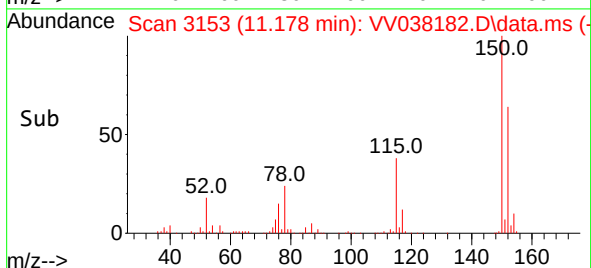
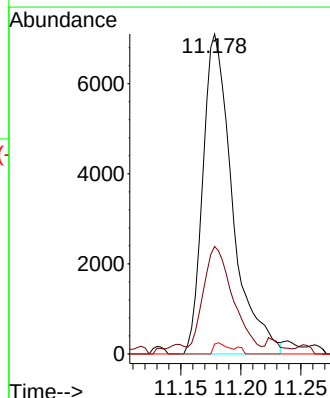
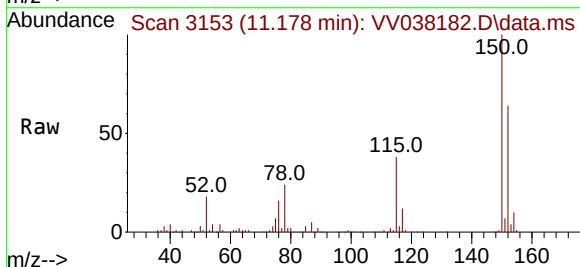
RT: 11.178 min Scan# 3153

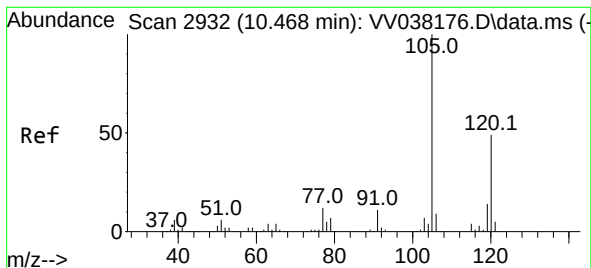
Delta R.T. 0.974 min

Lab File: VV038182.D

Acq: 19 Nov 2024 17:19

Tgt Ion: 75	Resp: 12192
Ion Ratio	Lower Upper
75	100
77	34.3 26.4 39.6
110	2.2 32.3 48.5#

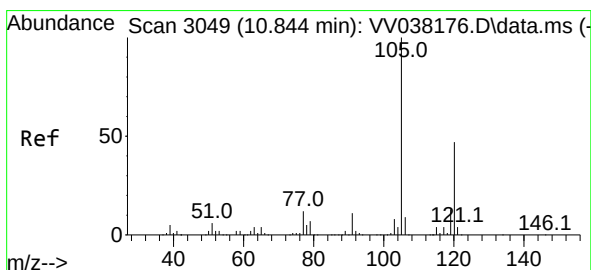
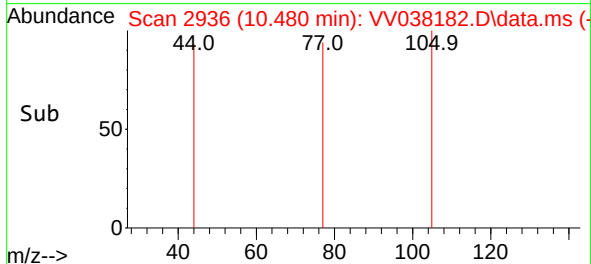
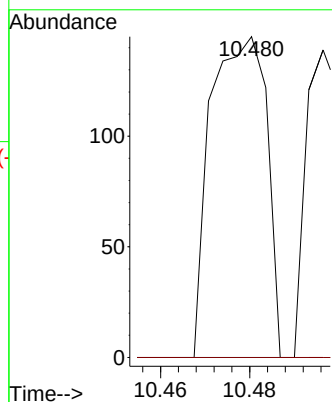
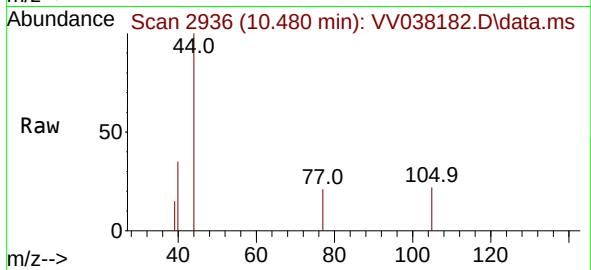




#62
 1,3,5-Trimethylbenzene
 Concen: 0.002 ug/L
 RT: 10.480 min Scan# 2932
 Delta R.T. 0.013 min
 Lab File: VV038182.D
 Acq: 19 Nov 2024 17:19

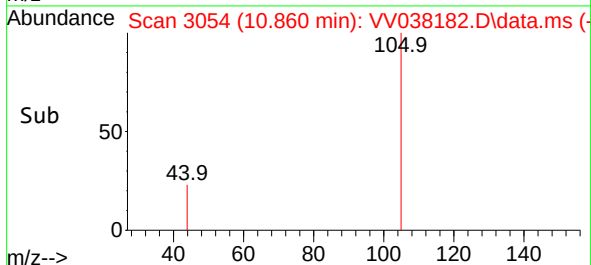
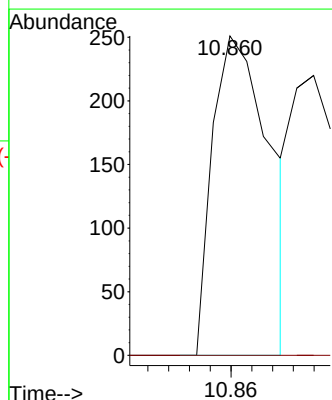
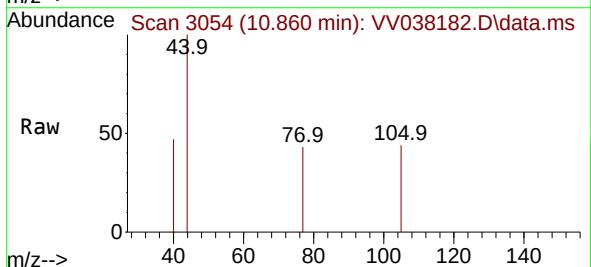
Instrument :
 MSVOA_V
 ClientSampleId :

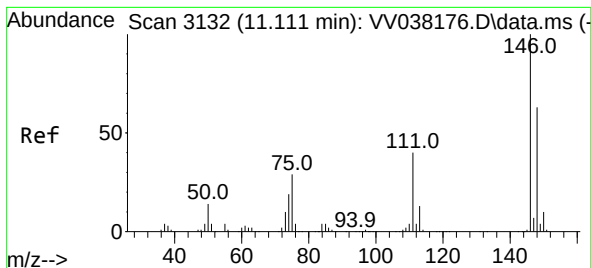
Tgt Ion:105 Resp: 126
 Ion Ratio Lower Upper
 105 100
 120 0.0 39.2 58.8#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.004 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. 0.016 min
 Lab File: VV038182.D
 Acq: 19 Nov 2024 17:19

Tgt Ion:105 Resp: 191
 Ion Ratio Lower Upper
 105 100
 120 0.0 37.0 55.4#





#64

1,3-Dichlorobenzene

Concen: 0.009 ug/L

RT: 11.123 min Scan# 3136

Delta R.T. 0.013 min

Lab File: VV038182.D

Acq: 19 Nov 2024 17:19

Instrument :

MSVOA_V

ClientSampleId :

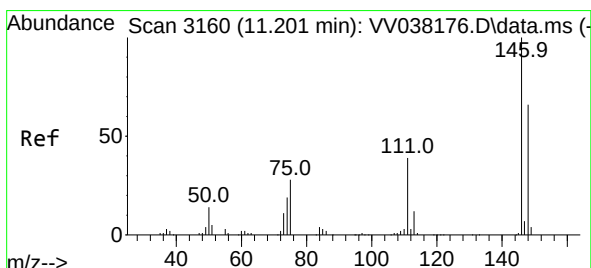
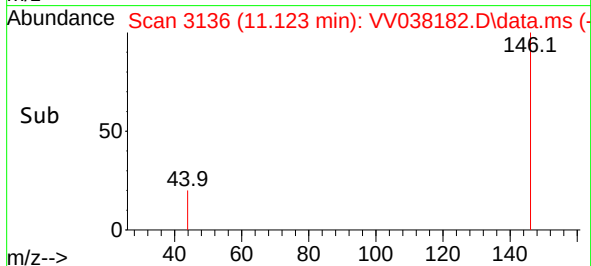
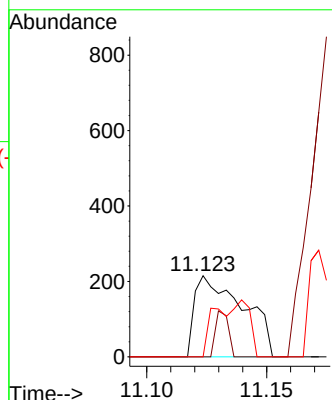
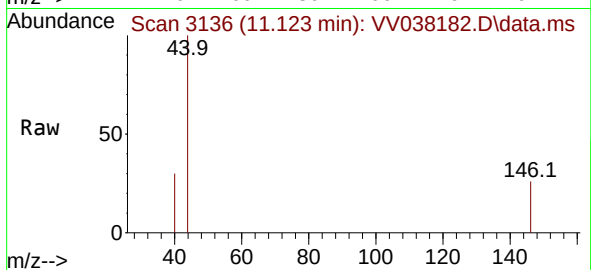
Tgt Ion:146 Resp: 303

Ion Ratio Lower Upper

146 100

111 0.0 28.2 52.4#

148 0.0 44.2 82.2#



#65

1,4-Dichlorobenzene

Concen: 0.036 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.006 min

Lab File: VV038182.D

Acq: 19 Nov 2024 17:19

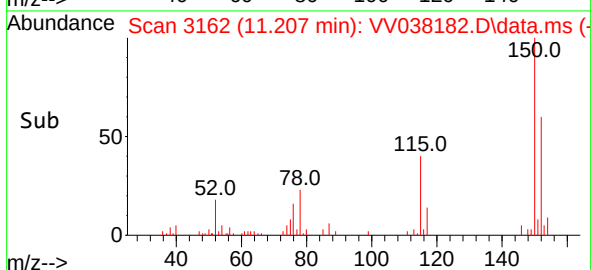
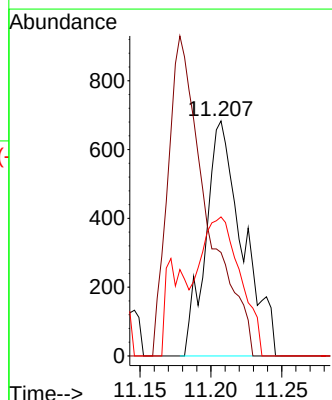
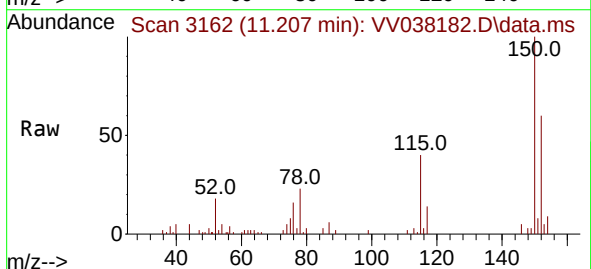
Tgt Ion:146 Resp: 1237

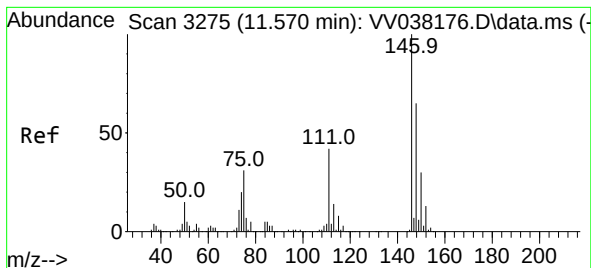
Ion Ratio Lower Upper

146 100

111 44.1 27.4 50.8

148 59.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 0.062 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038182.D

Acq: 19 Nov 2024 17:19

Instrument :

MSVOA_V

ClientSampleId :

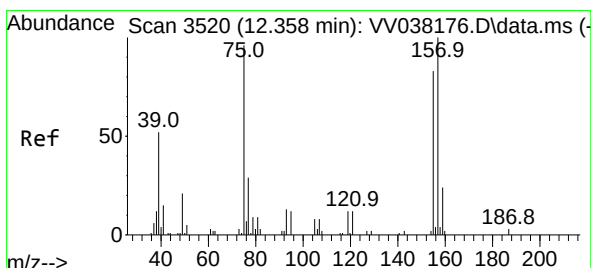
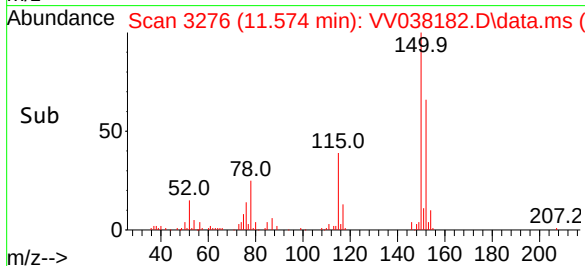
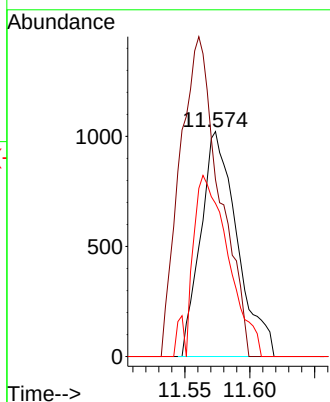
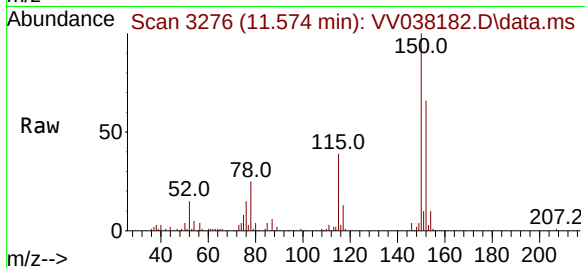
Tgt Ion:146 Resp: 1989

Ion Ratio Lower Upper

146 100

111 78.7 34.2 51.2#

148 68.1 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.020 ug/L

RT: 12.281 min Scan# 3496

Delta R.T. -0.077 min

Lab File: VV038182.D

Acq: 19 Nov 2024 17:19

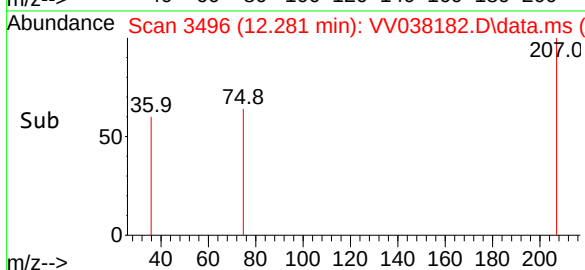
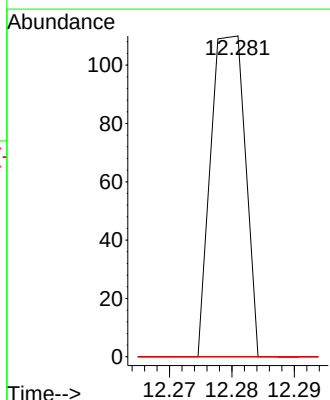
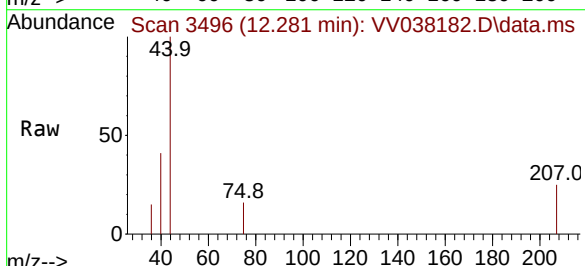
Tgt Ion: 75 Resp: 42

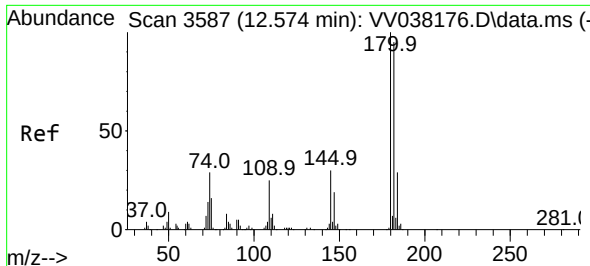
Ion Ratio Lower Upper

75 100

155 0.0 67.5 101.3#

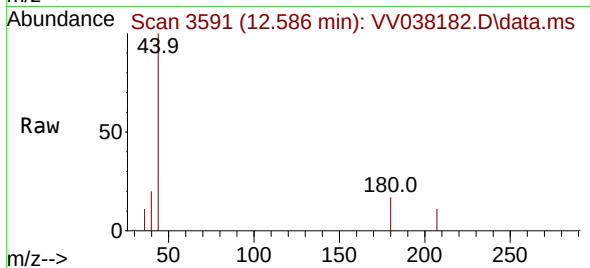
157 0.0 82.7 124.1#



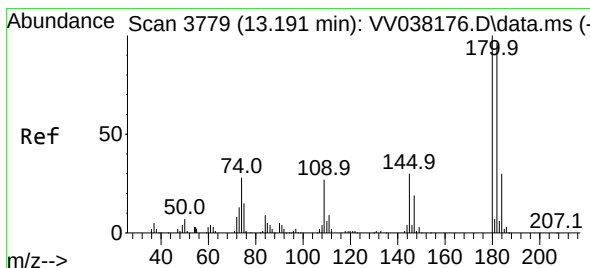
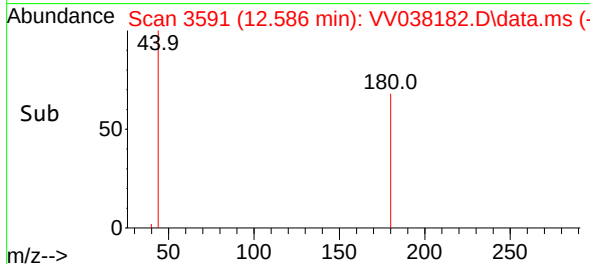
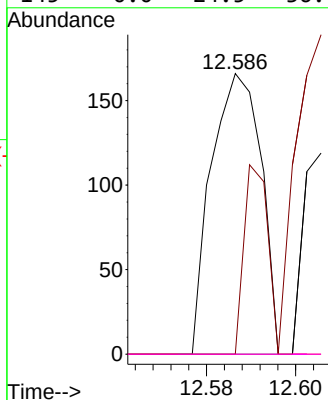


#69
 1,3,5-Trichlorobenzene
 Concen: 0.005 ug/L
 RT: 12.586 min Scan# 31
 Delta R.T. 0.013 min
 Lab File: VV038182.D
 Acq: 19 Nov 2024 17:19

Instrument :
 MSVOA_V
 ClientSampleId :

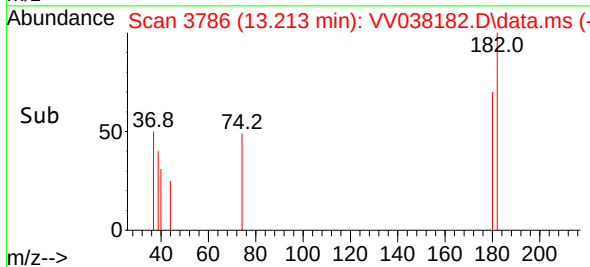
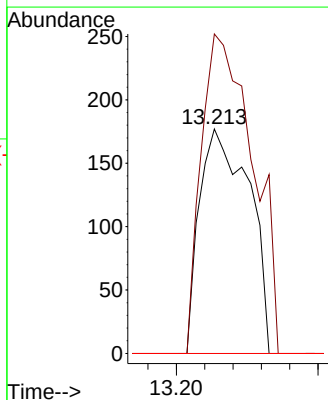
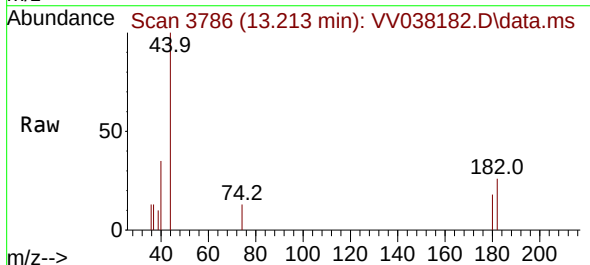


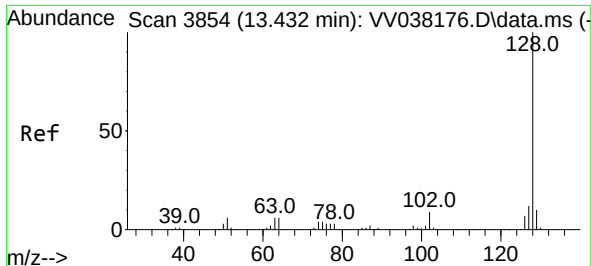
Tgt Ion:180 Resp: 129
 Ion Ratio Lower Upper
 180 100
 182 31.8 76.0 114.0#
 184 0.0 23.7 35.5#
 145 0.0 24.5 36.7#



#70
 1,2,4-trichlorobenzene
 Concen: 0.011 ug/L
 RT: 13.213 min Scan# 3786
 Delta R.T. 0.023 min
 Lab File: VV038182.D
 Acq: 19 Nov 2024 17:19

Tgt Ion:180 Resp: 215
 Ion Ratio Lower Upper
 180 100
 182 147.4 73.8 110.8#
 145 0.0 24.6 37.0#

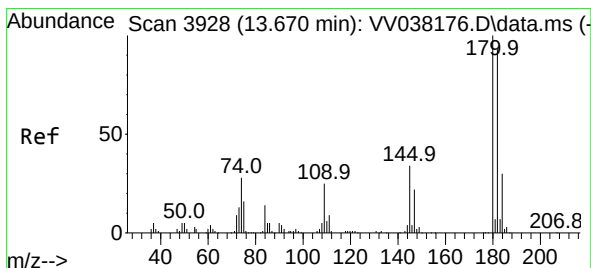
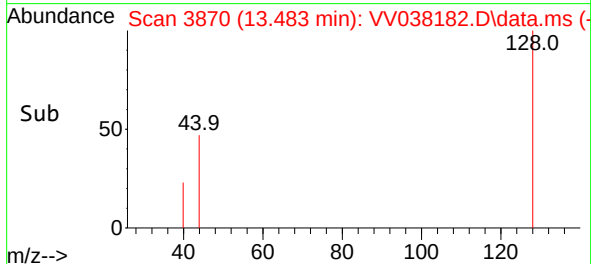
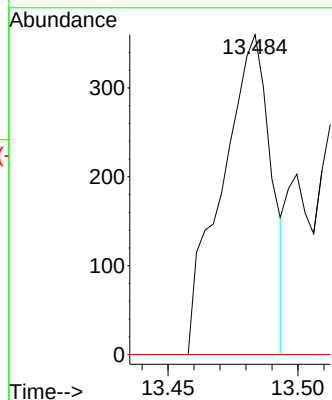
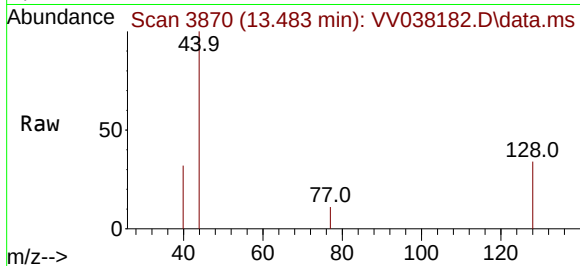




#71
Naphthalene
Concen: 0.015 ug/L
RT: 13.483 min Scan# 3938
Delta R.T. 0.051 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 473
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: 0.009 ug/L
RT: 13.702 min Scan# 3938
Delta R.T. 0.032 min
Lab File: VV038182.D
Acq: 19 Nov 2024 17:19

Tgt Ion:180 Resp: 171
Ion Ratio Lower Upper
180 100
182 95.3 75.1 112.7
145 0.0 27.0 40.4#

