

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038186.D
 Acq On : 19 Nov 2024 18:57
 Operator : SY/MD
 Sample : P4882-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 00:17:18 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	231917	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	246762	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	107025	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	81617	4.591	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.529	69	75934	5.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.053	65	36415	4.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	3.780	46	200653	56.426	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.860%
24) Chloroform-d	4.243	84	179734	5.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	4.937	65	88728	5.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.600%
32) Benzene-d6	4.950	84	323704	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	5.982	67	109153	5.562	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.200%
41) Toluene-d8	7.239	98	264055	4.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.558	79	35995	4.933	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.017	63	177297	62.512	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.020%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	90648	5.441	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	106412	5.836	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	753	0.034	ug/L	90
3) Chloromethane	1.214	50	4092	0.217	ug/L	88
5) Vinyl chloride	1.278	62	774	0.036	ug/L #	1
6) Bromomethane	1.487	94	675	0.081	ug/L #	71
8) Chloroethane	1.545	64	724	0.053	ug/L #	57
9) Trichlorofluoromethane	1.709	101	936344	30.731	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	14794	0.851	ug/L	90
12) 1,1-Dichloroethene	2.063	96	12196	0.736	ug/L #	1
13) Acetone	2.108	43	6467	2.459	ug/L	89
14) Carbon disulfide	2.236	76	1117	0.021	ug/L #	76
15) Methyl Acetate	2.452	43	239	0.037	ug/L #	47
16) Methylene chloride	2.442	84	41163	2.179	ug/L	100
17) Methyl tert-butyl Ether	2.699	73	60142	1.606	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	3267	0.187	ug/L	85
19) 1,1-Dichloroethane	3.108	63	81675	2.578	ug/L	97
21) 2-Butanone	3.886	43	78	0.021	ug/L #	49
22) cis-1,2-Dichloroethene	3.805	96	133116	7.378	ug/L	99
25) Chloroform	4.275	83	23916	0.706	ug/L	97
27) 1,2-Dichloroethane	5.063	62	6088	0.330	ug/L #	92

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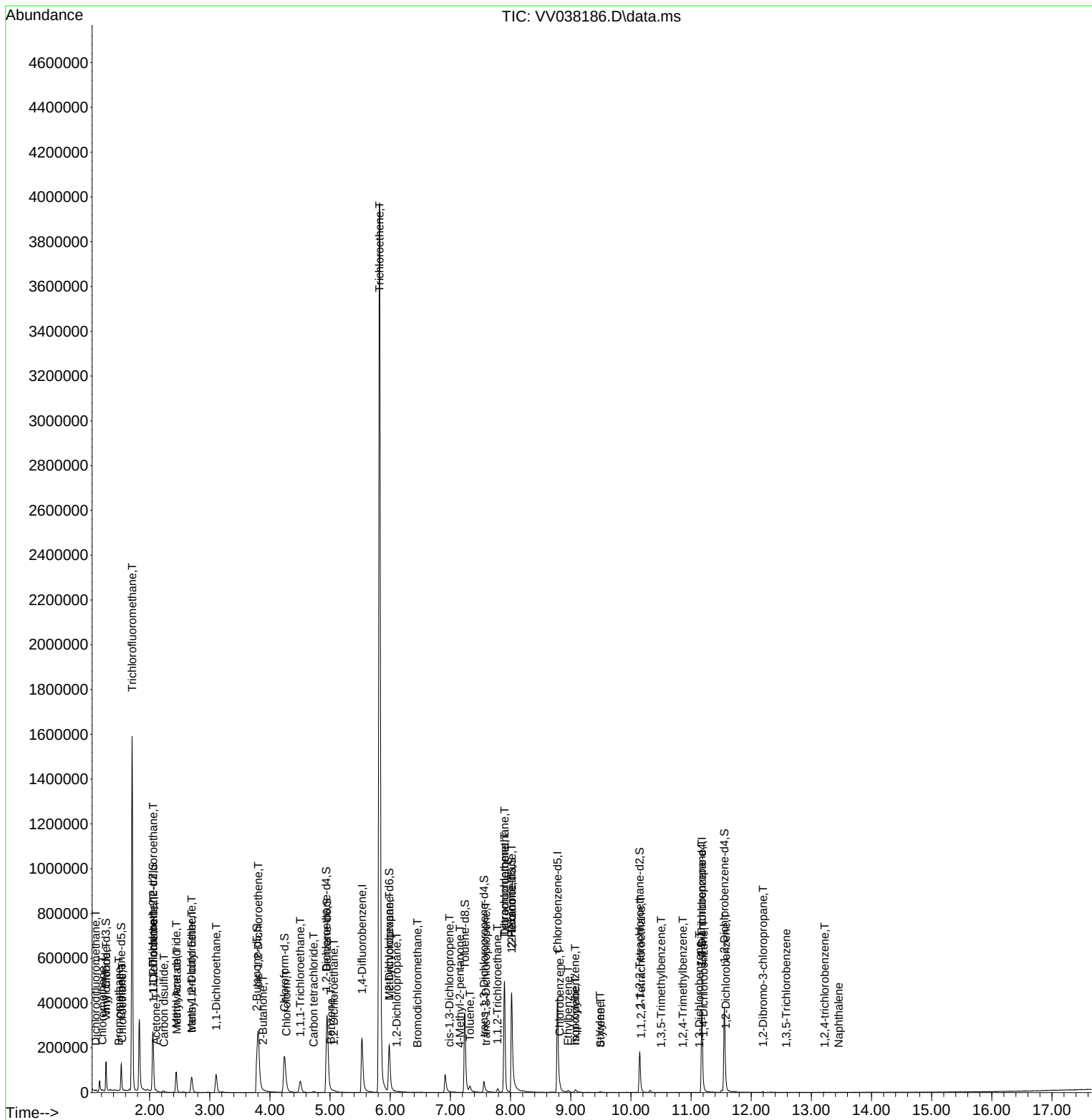
Instrument :
 MSVOA_V
 ClientSampleId :

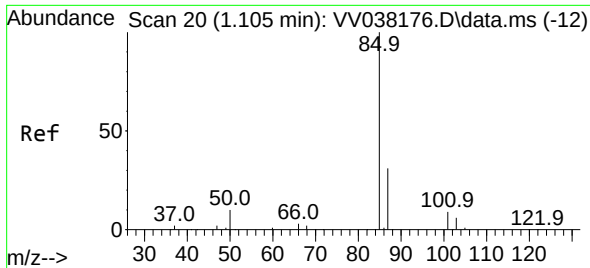
Quant Time: Nov 20 00:17:18 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.506	97	42596	1.439	ug/L	97
31) Carbon tetrachloride	4.725	117	3770	0.144	ug/L	89
33) Benzene	5.011	78	3871	0.056	ug/L	100
34) Trichloroethene	5.821	95	1423856	75.356	ug/L	99
35) Methylcyclohexane	5.982	83	26524	0.992	ug/L #	19
37) 1,2-Dichloropropane	6.108	63	457	0.026	ug/L #	88
38) Bromodichloromethane	6.452	83	286	0.012	ug/L #	26
39) cis-1,3-Dichloropropene	6.982	75	80	0.003	ug/L #	13
40) 4-Methyl-2-pentanone	7.156	43	48	0.005	ug/L #	41
42) Toluene	7.323	91	23524	0.320	ug/L	94
44) trans-1,3-Dichloropropene	7.593	75	222	0.011	ug/L #	28
45) 1,1,2-Trichloroethane	7.783	97	1536	0.109	ug/L #	40
47) Tetrachloroethene	7.898	164	113931	7.504	ug/L	98
48) 2-Hexanone	8.017	43	20078	3.047	ug/L #	64
49) Dibromochloromethane	7.898	129	108544	7.071	ug/L #	11
50) 1,2-Dibromoethane	8.021	107	139	0.011	ug/L #	5
51) Chlorobenzene	8.815	112	20231	0.400	ug/L	92
52) Ethylbenzene	8.956	91	6486	0.083	ug/L	92
53) m,p-Xylene	9.079	106	3961	0.135	ug/L	97
54) o-Xylene	9.487	106	444	0.016	ug/L	65
55) Styrene	9.496	104	40	0.001	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.169	83	4716	0.286	ug/L #	96
60) Isopropylbenzene	9.075	105	1161	0.019	ug/L #	1
61) 1,2,3-Trichloropropane	11.178	75	11308	1.234	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.503	105	272	0.006	ug/L #	28
63) 1,2,4-Trimethylbenzene	10.863	105	351	0.007	ug/L	96
64) 1,3-Dichlorobenzene	11.136	146	158	0.005	ug/L #	48
65) 1,4-Dichlorobenzene	11.207	146	1111	0.033	ug/L #	64
67) 1,2-Dichlorobenzene	11.577	146	5834	0.190	ug/L	89
68) 1,2-Dibromo-3-chloropr...	12.197	75	45	0.022	ug/L #	2
69) 1,3,5-Trichlorobenzene	12.580	180	50	0.002	ug/L #	19
70) 1,2,4-trichlorobenzene	13.223	180	379	0.020	ug/L #	22
71) Naphthalene	13.455	128	124	0.004	ug/L #	70

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

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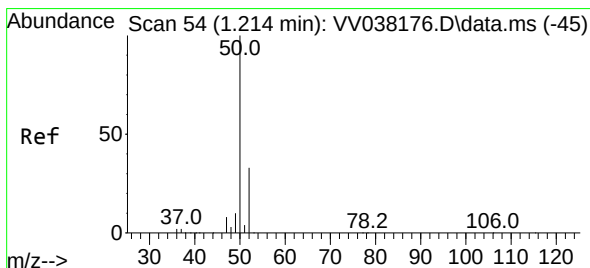
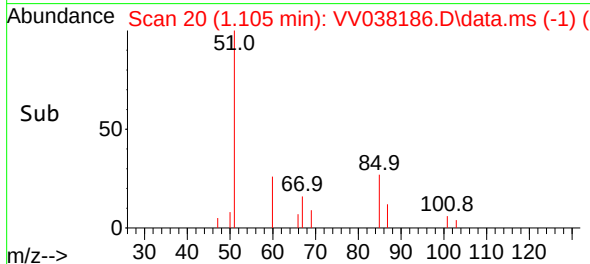
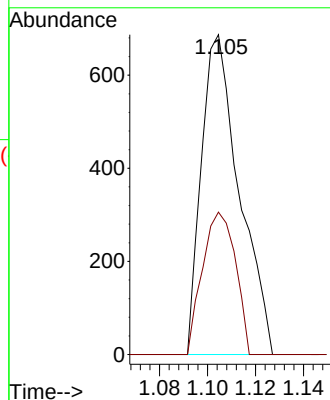
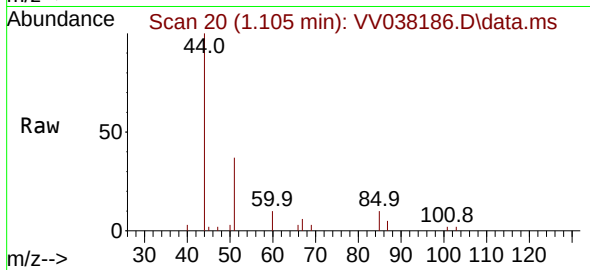




#2
 Dichlorodifluoromethane
 Concen: 0.034 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038186.D
 Acq: 19 Nov 2024 18:57

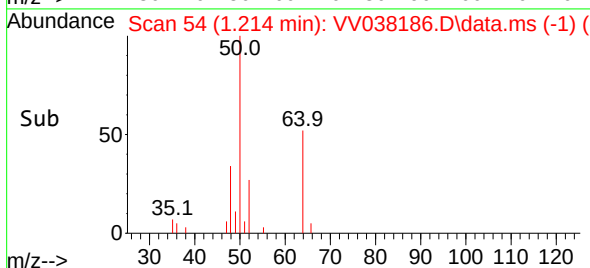
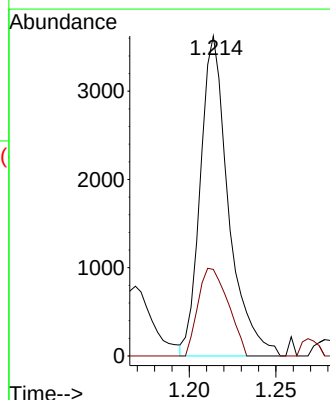
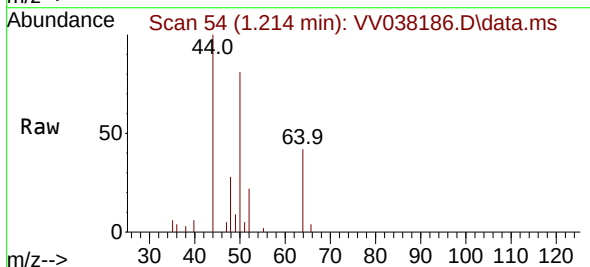
Instrument :
 MSVOA_V
 ClientSampleId :

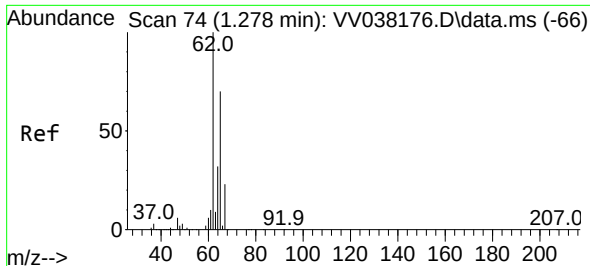
Tgt Ion: 85 Resp: 753
 Ion Ratio Lower Upper
 85 100
 87 38.8 26.5 39.7



#3
 Chloromethane
 Concen: 0.217 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038186.D
 Acq: 19 Nov 2024 18:57

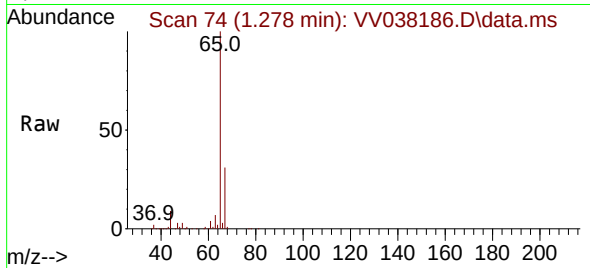
Tgt Ion: 50 Resp: 4092
 Ion Ratio Lower Upper
 50 100
 52 27.0 23.5 43.7



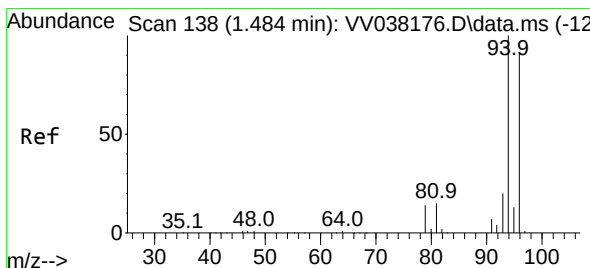
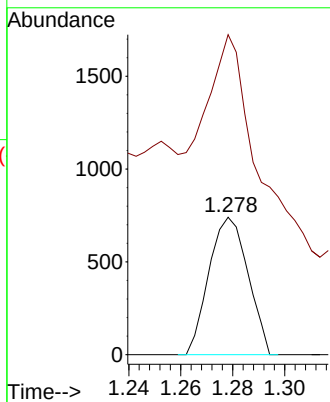
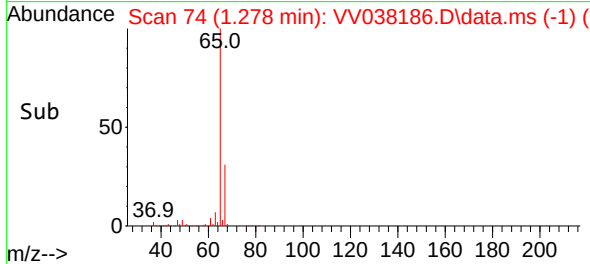


#5
 Vinyl chloride
 Concen: 0.036 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV038186.D
 Acq: 19 Nov 2024 18:57

Instrument :
 MSVOA_V
 ClientSampleId :

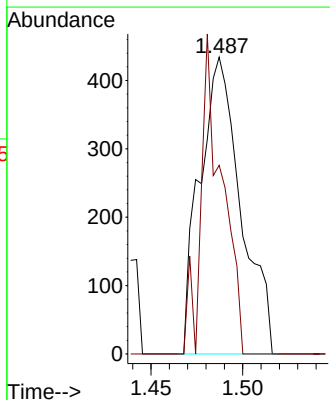
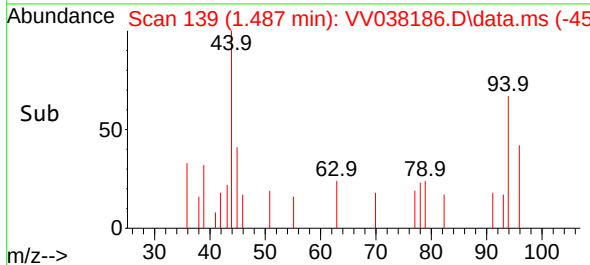
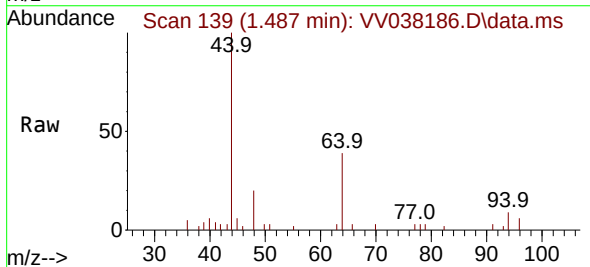


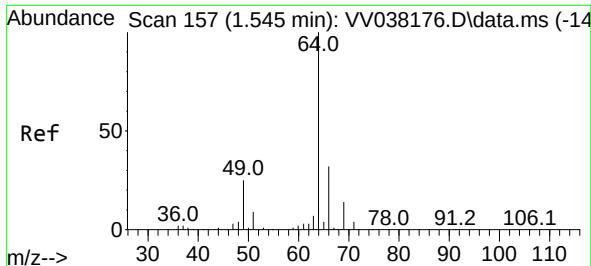
Tgt Ion: 62 Resp: 774
 Ion Ratio Lower Upper
 62 100
 64 233.0 24.4 45.4#



#6
 Bromomethane
 Concen: 0.081 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV038186.D
 Acq: 19 Nov 2024 18:57

Tgt Ion: 94 Resp: 675
 Ion Ratio Lower Upper
 94 100
 96 63.6 63.7 118.3#





#8

Chloroethane

Concen: 0.053 ug/L

RT: 1.545 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038186.D

Acq: 19 Nov 2024 18:57

Instrument :

MSVOA_V

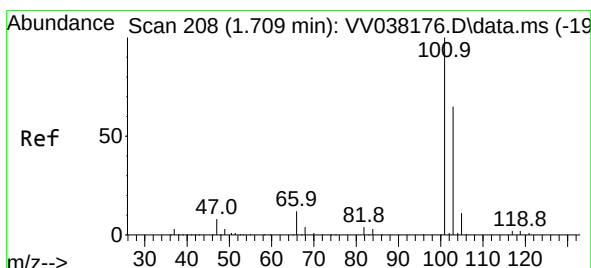
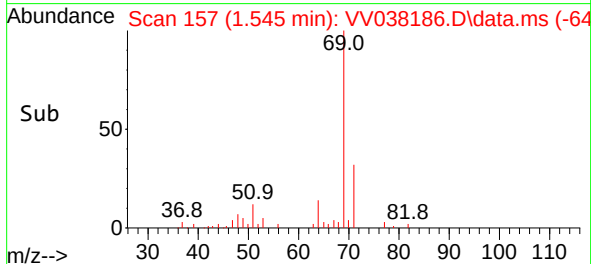
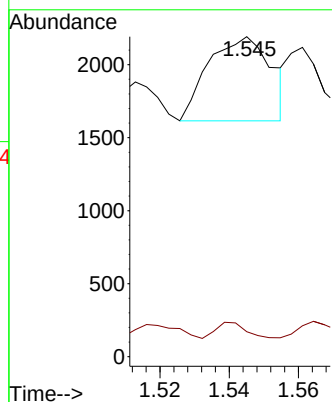
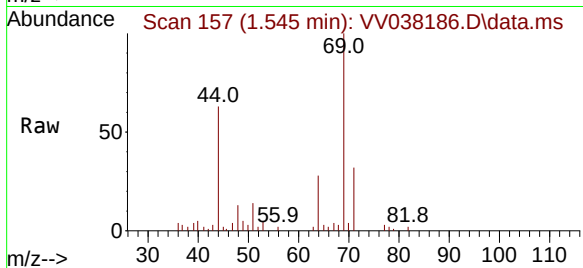
ClientSampleId :

Tgt Ion: 64 Resp: 724

Ion Ratio Lower Upper

64 100

66 7.8 22.0 40.8#



#9

Trichlorofluoromethane

Concen: 30.731 ug/L

RT: 1.709 min Scan# 208

Delta R.T. 0.000 min

Lab File: VV038186.D

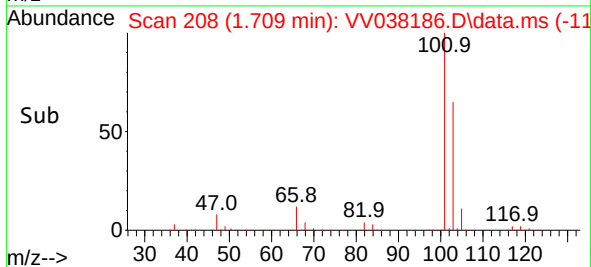
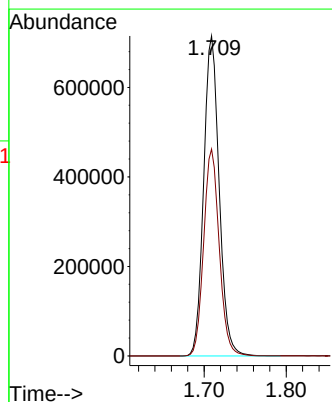
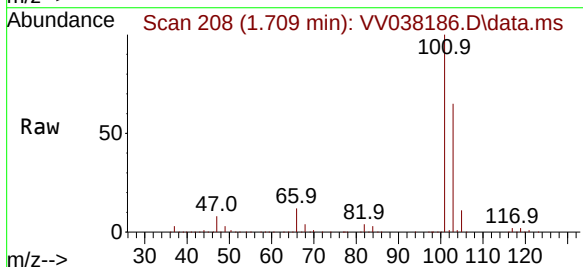
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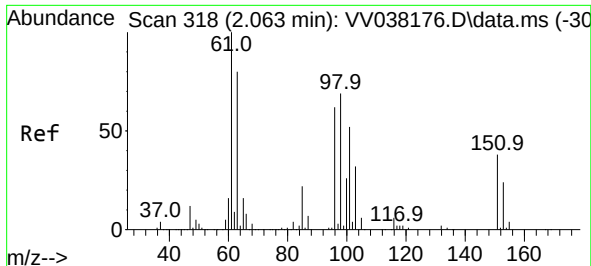
Tgt Ion:101 Resp: 936344

Ion Ratio Lower Upper

101 100

103 65.0 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.851 ug/L

RT: 2.059 min Scan# 317

Delta R.T. -0.003 min

Lab File: VV038186.D

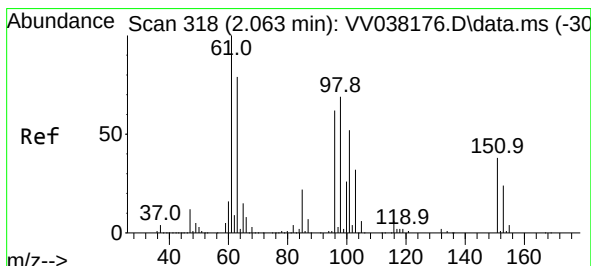
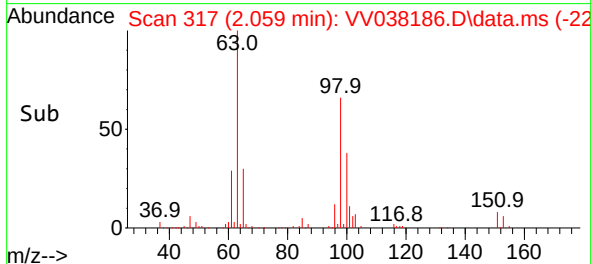
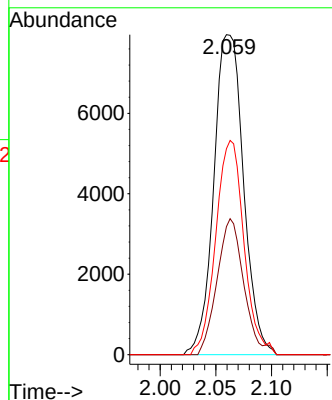
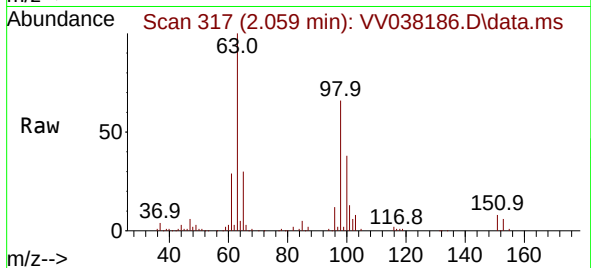
Acq: 19 Nov 2024 18:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:101	Resp:	14794
Ion Ratio	Lower	Upper
101	100	
85	38.2	33.4 50.0
151	63.4	58.8 88.2



#12

1,1-Dichloroethene

Concen: 0.736 ug/L

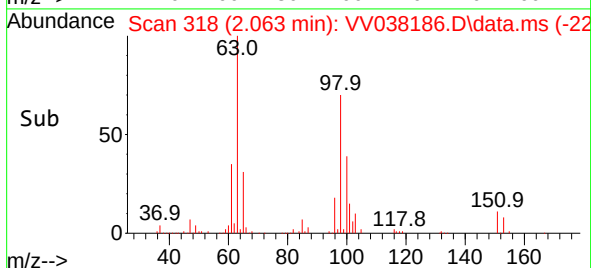
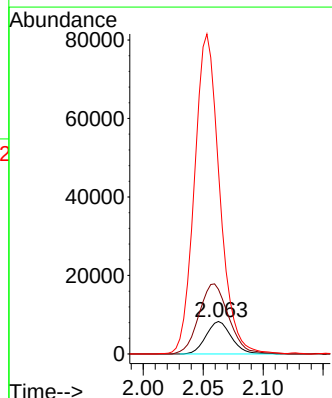
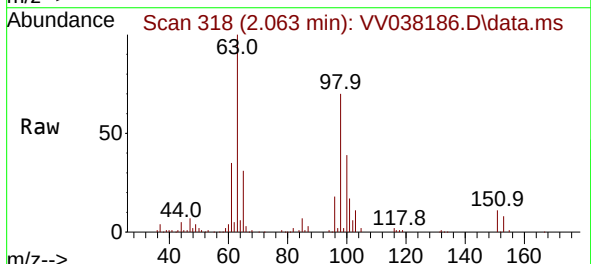
RT: 2.063 min Scan# 318

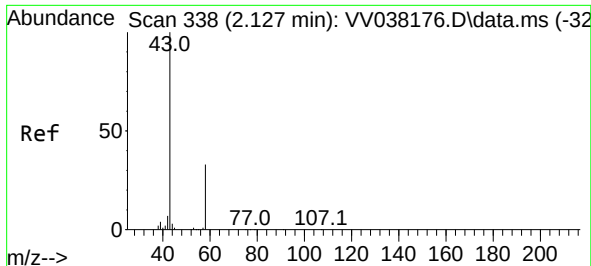
Delta R.T. 0.000 min

Lab File: VV038186.D

Acq: 19 Nov 2024 18:57

Tgt Ion: 96	Resp:	12196
Ion Ratio	Lower	Upper
96	100	
61	198.5	115.7 214.9
63	566.2	101.1 187.7#





#13

Acetone

Concen: 2.459 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV038186.D

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Instrument :

MSVOA_V

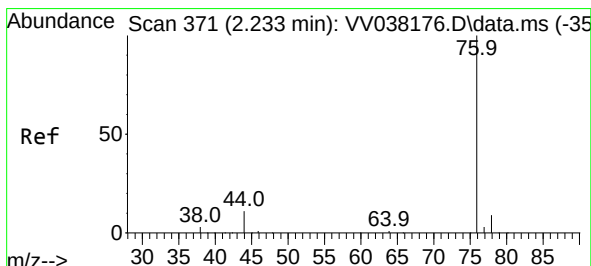
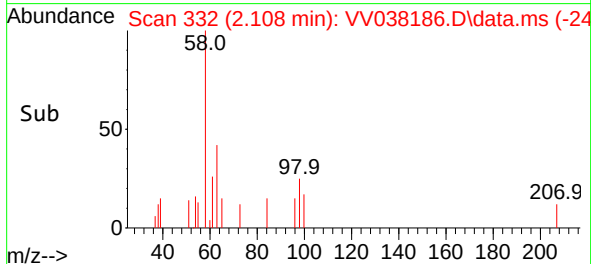
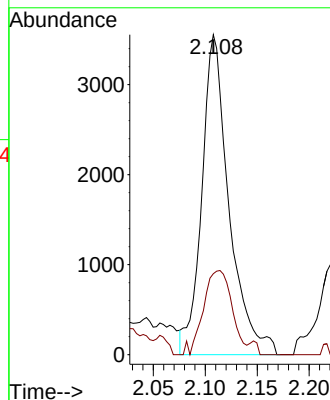
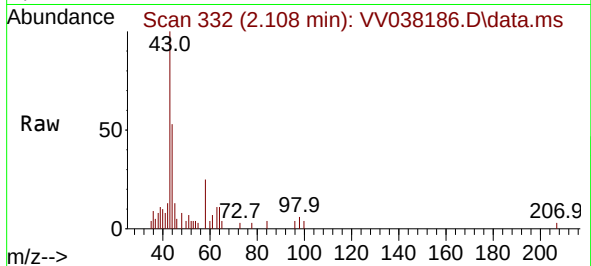
ClientSampleId :

Tgt Ion: 43 Resp: 6467

Ion Ratio Lower Upper

43 100

58 27.6 0.0 67.2



#14

Carbon disulfide

Concen: 0.021 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV038186.D

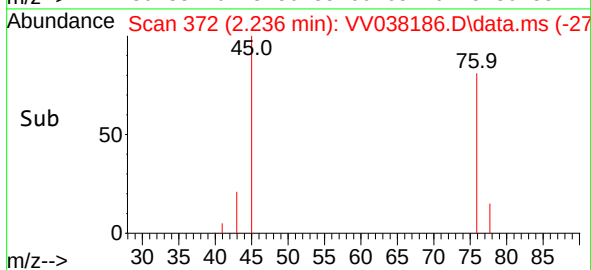
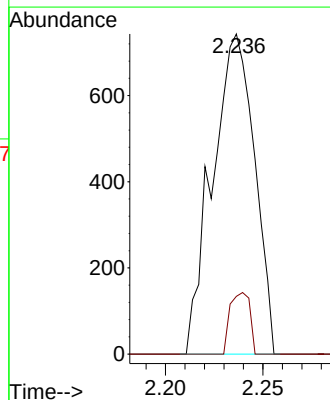
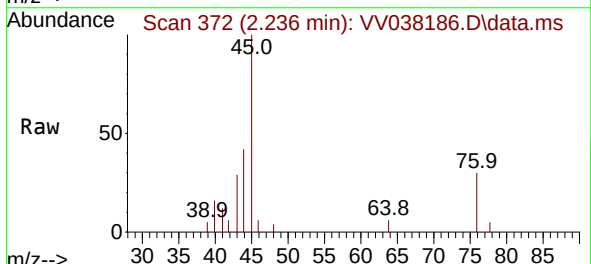
Acq: 19 Nov 2024 18:57

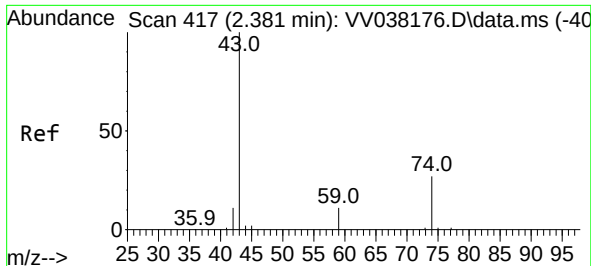
Tgt Ion: 76 Resp: 1117

Ion Ratio Lower Upper

76 100

78 18.0 7.4 11.0#

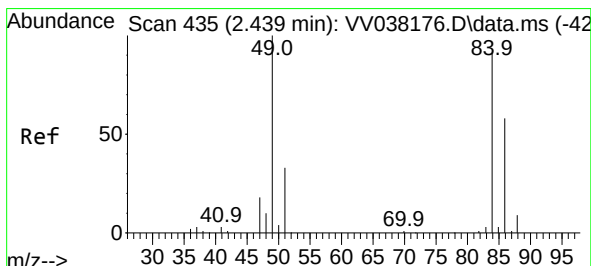
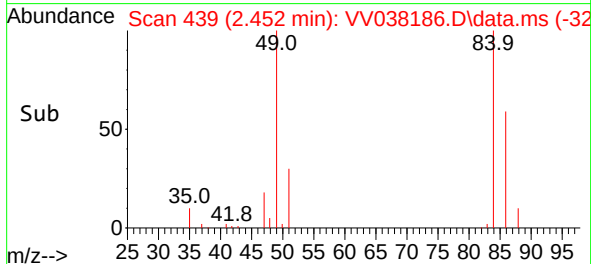
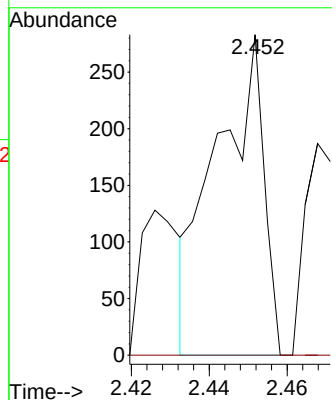
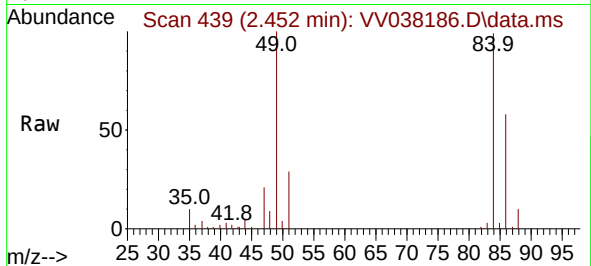




#15
Methyl Acetate
Concen: 0.037 ug/L
RT: 2.452 min Scan# 417
Delta R.T. 0.071 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

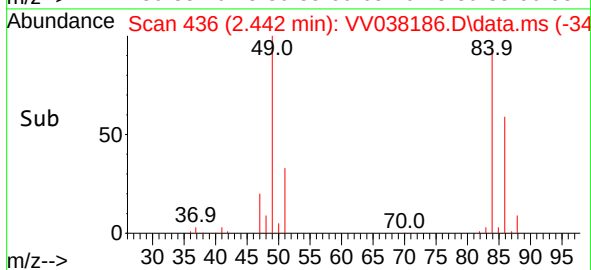
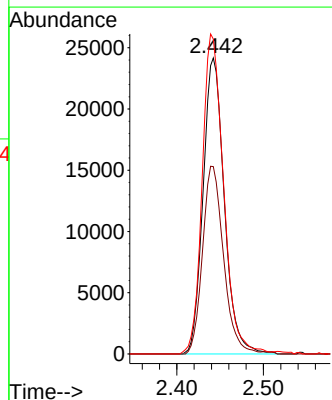
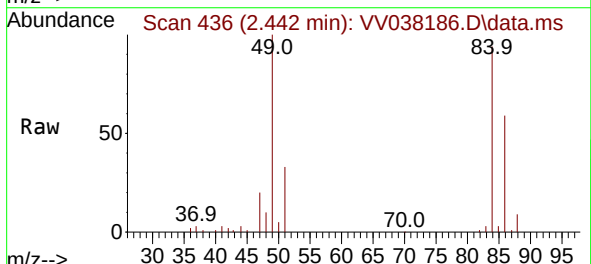
Instrument :
MSVOA_V
ClientSampleId :

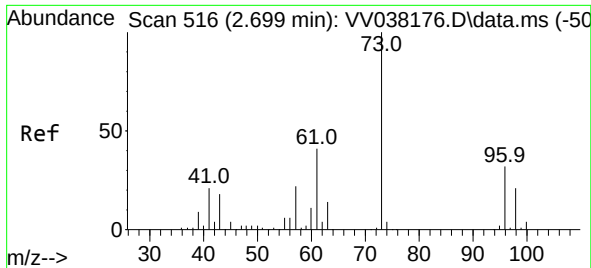
Tgt Ion: 43 Resp: 239
Ion Ratio Lower Upper
43 100
74 0.0 22.4 33.6#



#16
Methylene chloride
Concen: 2.179 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

Tgt Ion: 84 Resp: 41163
Ion Ratio Lower Upper
84 100
86 63.3 44.2 82.2
49 106.4 74.9 139.1

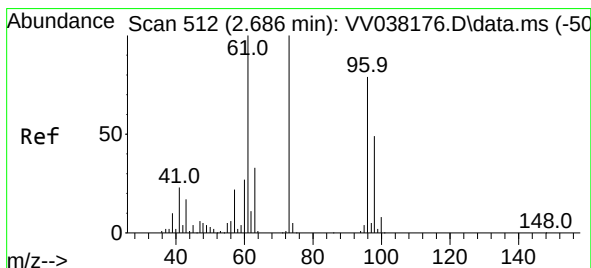
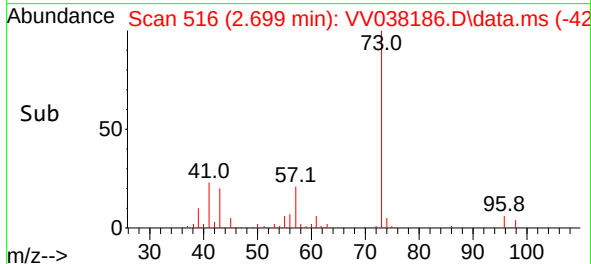
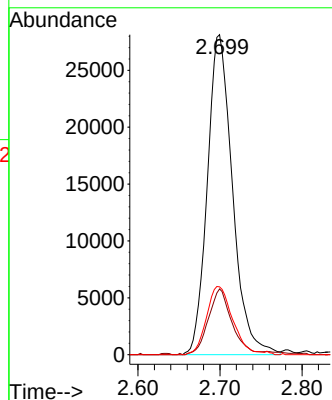
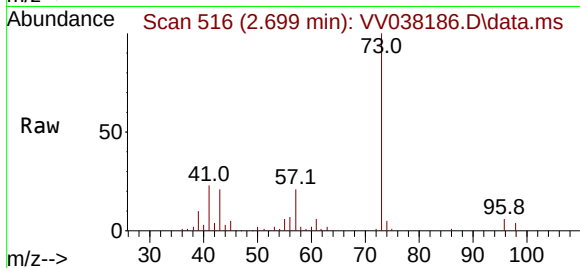




#17
Methyl tert-butyl Ether
Concen: 1.606 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

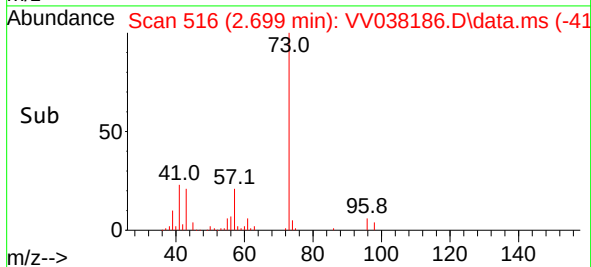
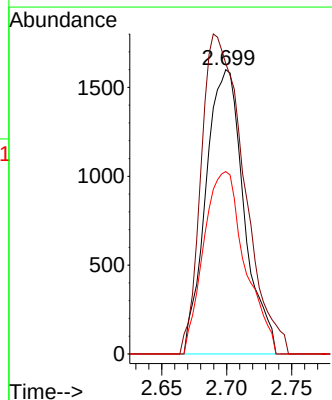
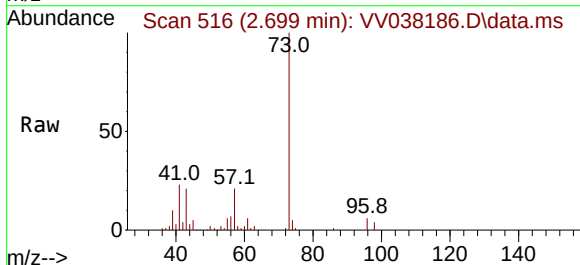
Instrument :
MSVOA_V
ClientSampleId :

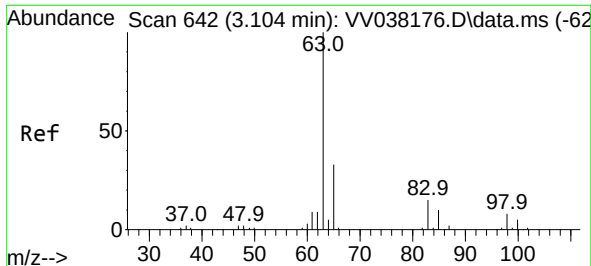
Tgt Ion: 73	Resp: 60142
Ion Ratio	Lower Upper
73 100	
43 19.1	14.2 21.2
57 22.2	17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 0.187 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.013 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

Tgt Ion: 96	Resp: 3267		
Ion Ratio	Lower	Upper	
96 100			
61 102.1	88.5	164.4	
98 64.2	43.9	81.5	





#19

1,1-Dichloroethane

Concen: 2.578 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV038186.D

Acq: 19 Nov 2024 18:57

Instrument :

MSVOA_V

ClientSampleId :

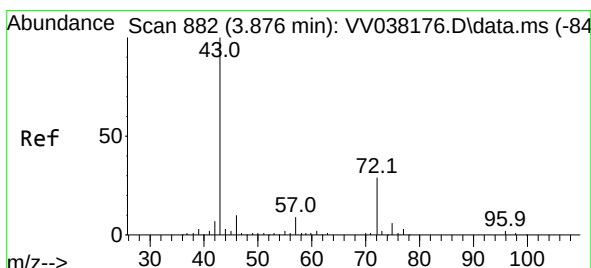
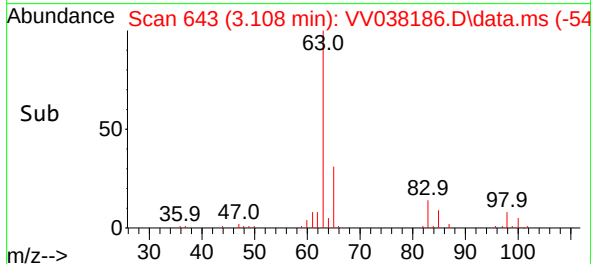
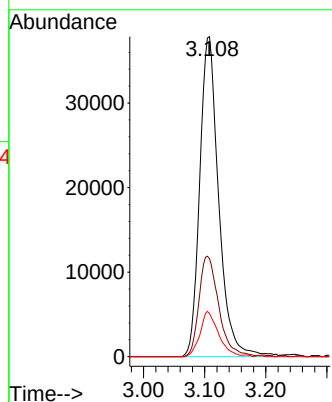
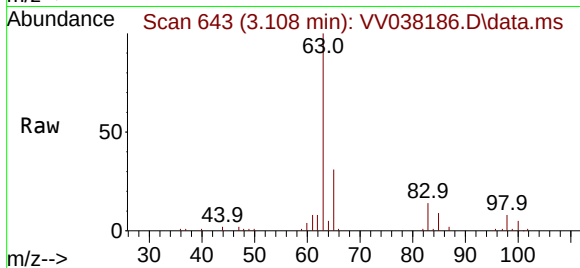
Tgt Ion: 63 Resp: 81675

Ion Ratio Lower Upper

63 100

65 30.6 22.5 41.7

83 13.5 10.1 18.9



#21

2-Butanone

Concen: 0.021 ug/L

RT: 3.886 min Scan# 885

Delta R.T. 0.010 min

Lab File: VV038186.D

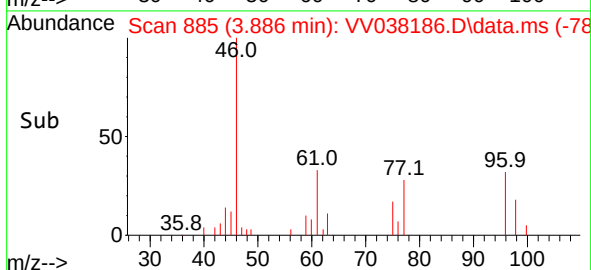
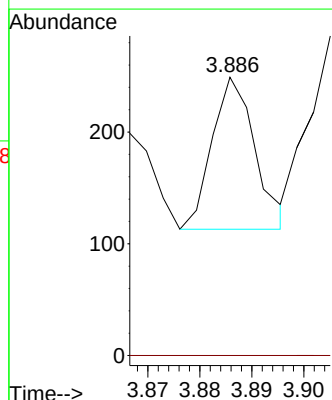
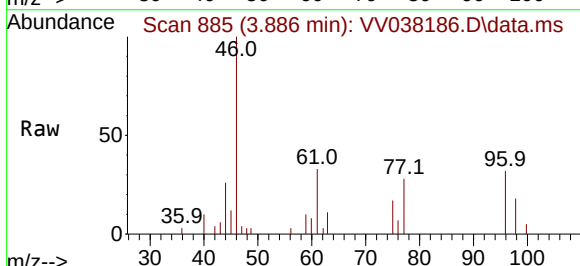
Acq: 19 Nov 2024 18:57

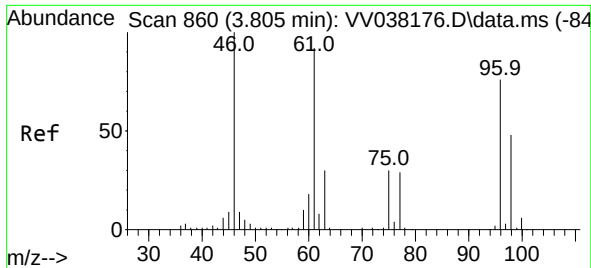
Tgt Ion: 43 Resp: 78

Ion Ratio Lower Upper

43 100

72 0.0 13.0 39.0#

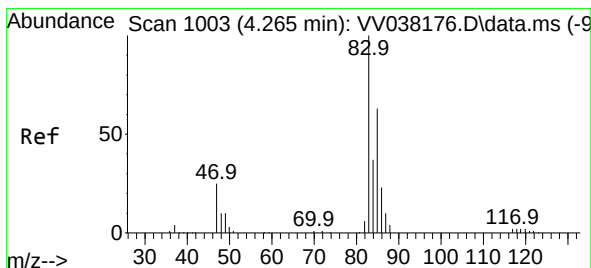
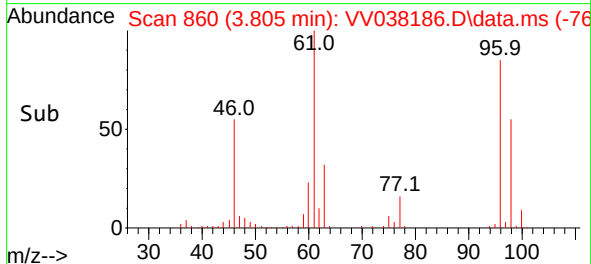
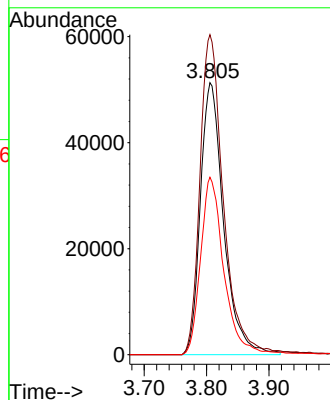
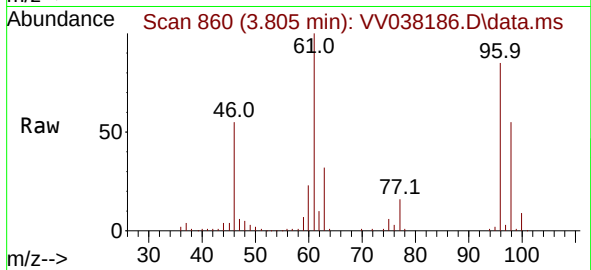




#22
 cis-1,2-Dichloroethene
 Concen: 7.378 ug/L
 RT: 3.805 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VV038186.D
 Acq: 19 Nov 2024 18:57

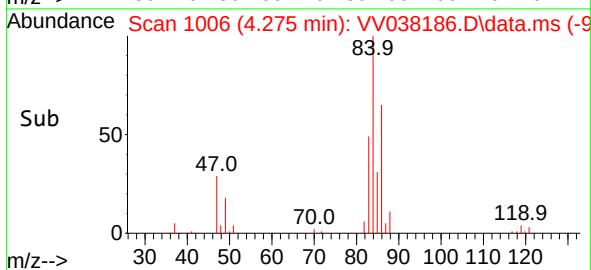
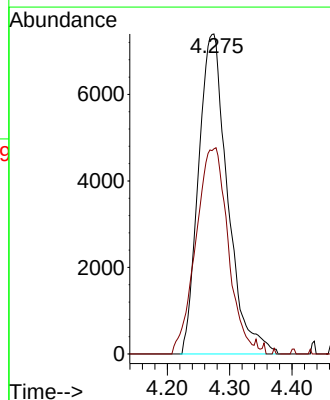
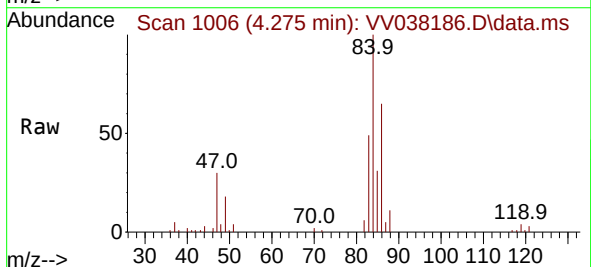
Instrument :
 MSVOA_V
 ClientSampleId :

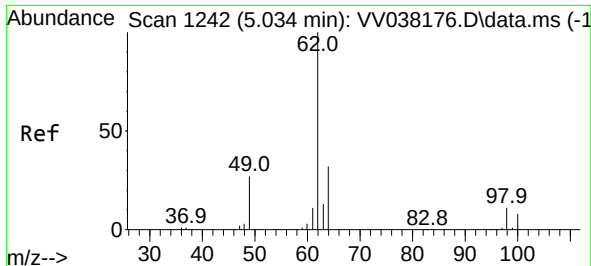
Tgt Ion: 96 Resp: 133116
 Ion Ratio Lower Upper
 96 100
 61 117.6 82.7 153.5
 98 65.2 46.3 85.9



#25
 Chloroform
 Concen: 0.706 ug/L
 RT: 4.275 min Scan# 1006
 Delta R.T. 0.010 min
 Lab File: VV038186.D
 Acq: 19 Nov 2024 18:57

Tgt Ion: 83 Resp: 23916
 Ion Ratio Lower Upper
 83 100
 85 64.1 46.5 86.3

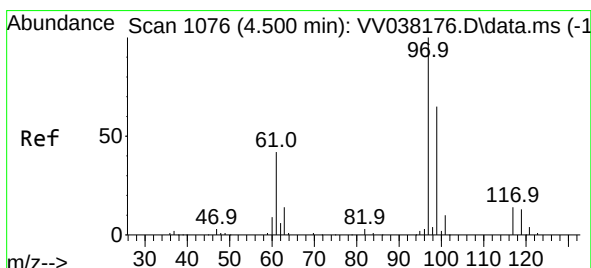
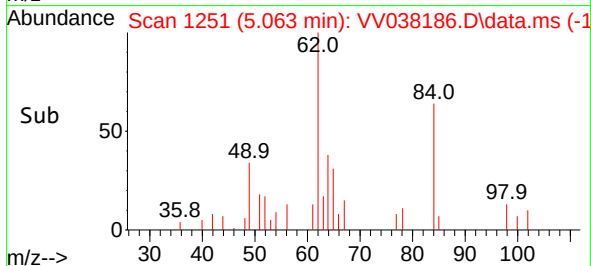
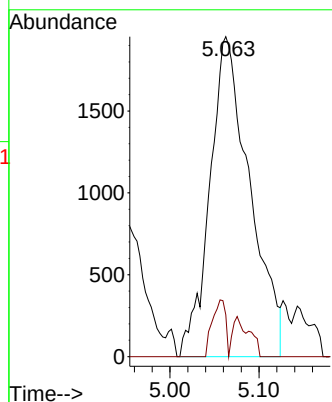
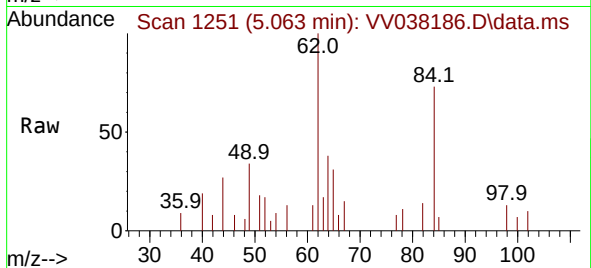




#27
1,2-Dichloroethane
Concen: 0.330 ug/L
RT: 5.063 min Scan# 11
Delta R.T. 0.029 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

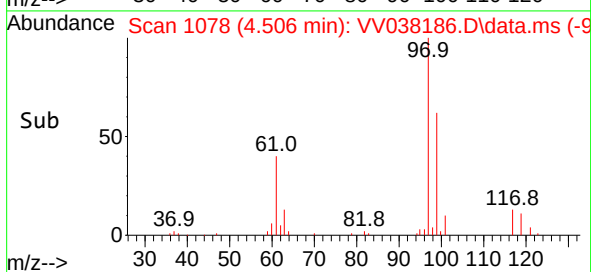
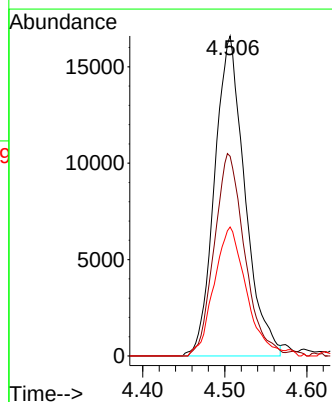
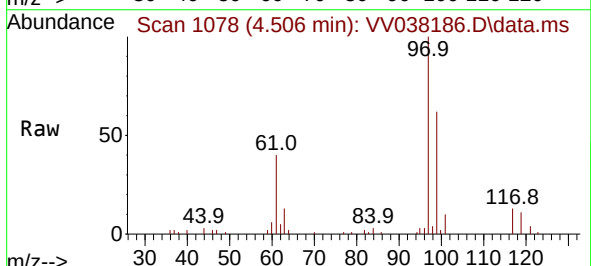
Instrument :
MSVOA_V
ClientSampleId :

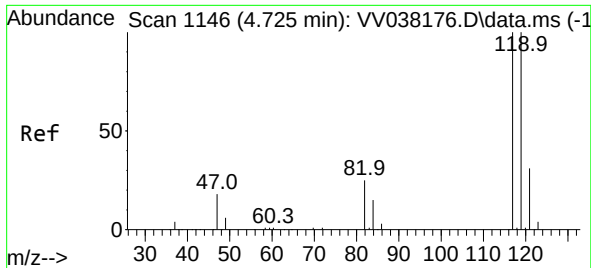
Tgt Ion: 62 Resp: 6088
Ion Ratio Lower Upper
62 100
98 13.1 8.2 12.4#



#29
1,1,1-Trichloroethane
Concen: 1.439 ug/L
RT: 4.506 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

Tgt Ion: 97 Resp: 42596
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.8
61 43.0 32.2 48.2

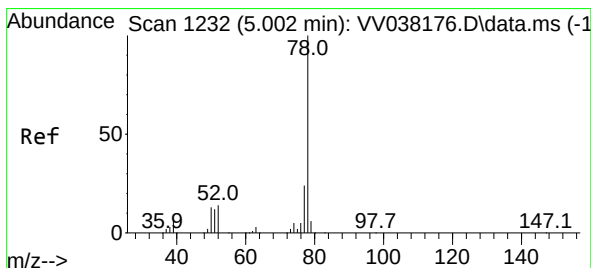
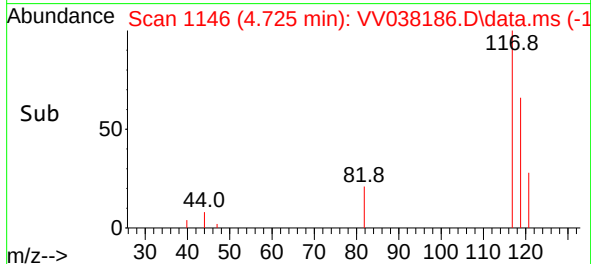
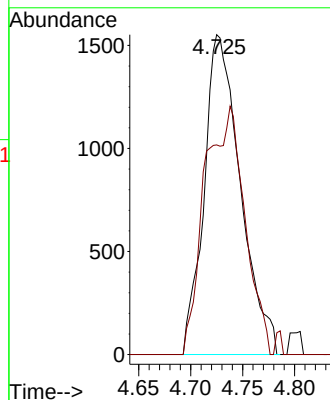
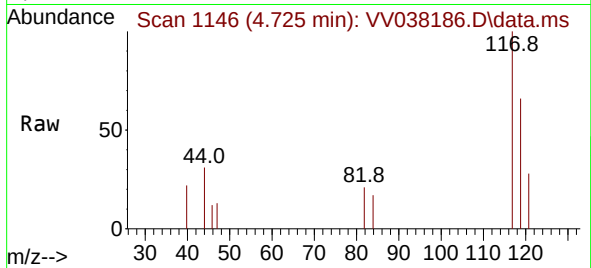




#31
Carbon tetrachloride
Concen: 0.144 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

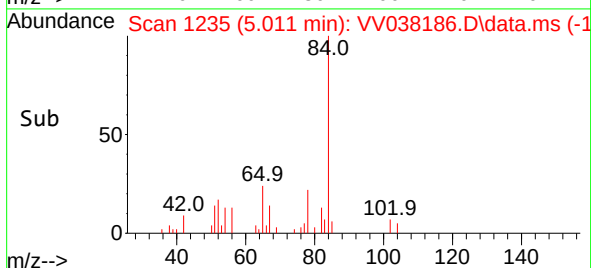
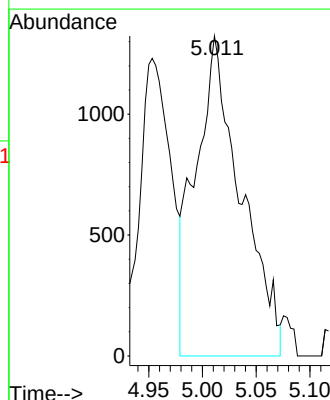
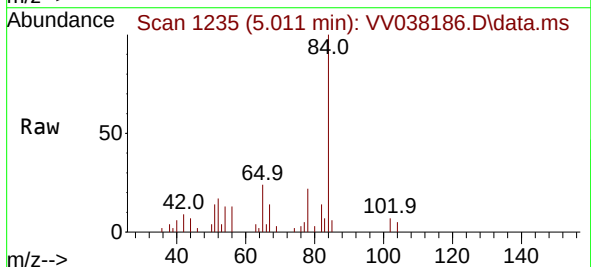
Instrument :
MSVOA_V
ClientSampleId :

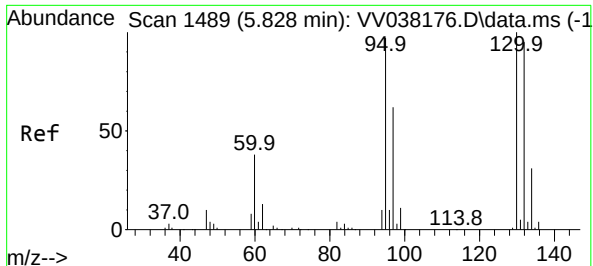
Tgt Ion:117 Resp: 3770
Ion Ratio Lower Upper
117 100
119 86.2 77.4 116.2



#33
Benzene
Concen: 0.056 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.010 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

Tgt Ion: 78 Resp: 3871





#34

Trichloroethene

Concen: 75.356 ug/L

RT: 5.821 min Scan# 1489

Delta R.T. -0.006 min

Lab File: VV038186.D

Acq: 19 Nov 2024 18:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 1423856

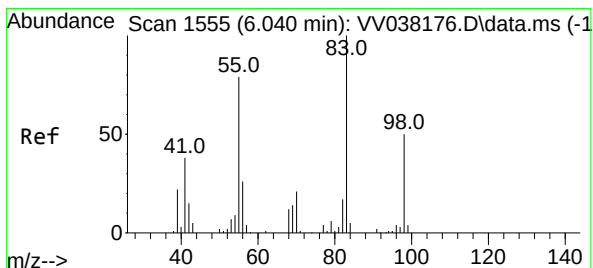
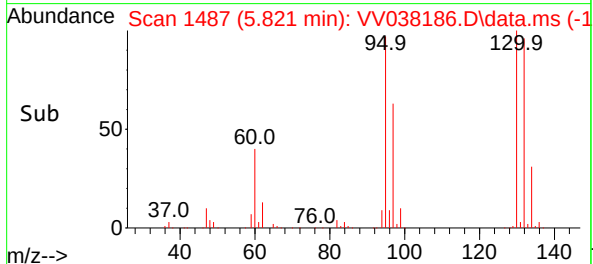
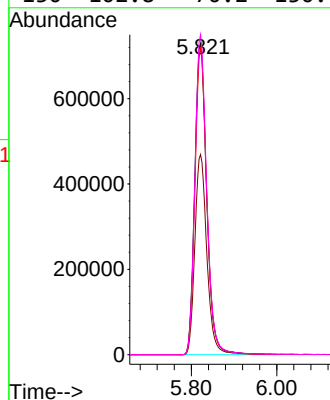
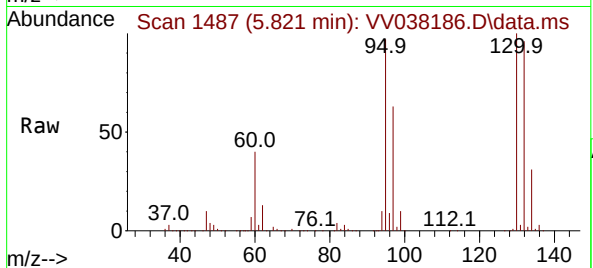
Ion Ratio Lower Upper

95 100

97 64.4 44.8 83.2

132 98.4 68.3 126.8

130 102.8 70.2 130.4



#35

Methylcyclohexane

Concen: 0.992 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV038186.D

Acq: 19 Nov 2024 18:57

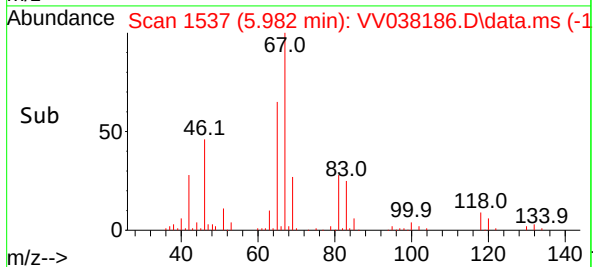
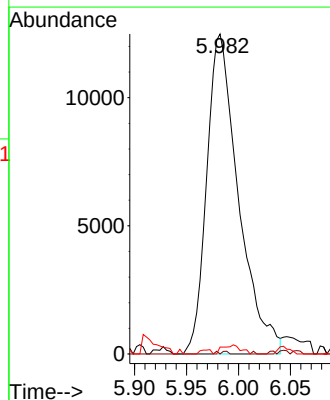
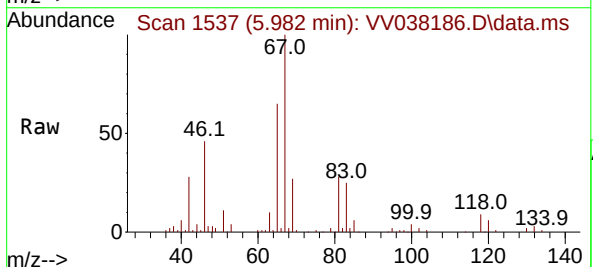
Tgt Ion: 83 Resp: 26524

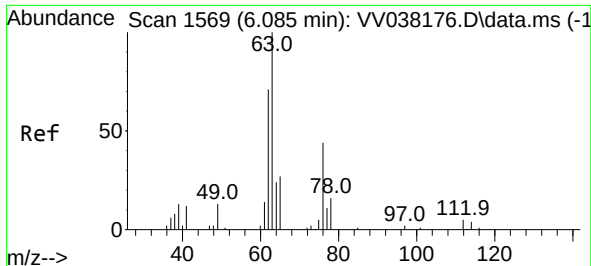
Ion Ratio Lower Upper

83 100

55 0.2 59.7 89.5#

98 0.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.026 ug/L

RT: 6.108 min Scan# 1

Delta R.T. 0.022 min

Lab File: VV038186.D

Acq: 19 Nov 2024 18:57

Instrument :

MSVOA_V

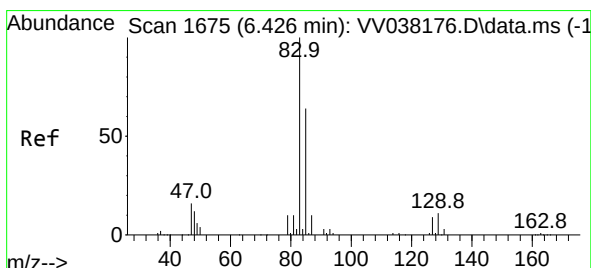
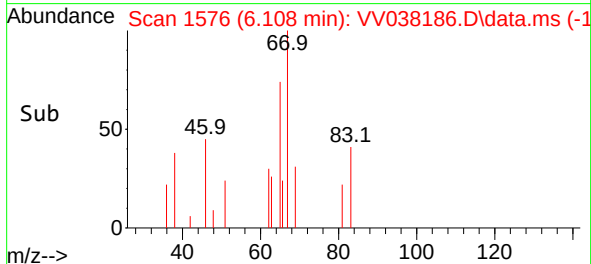
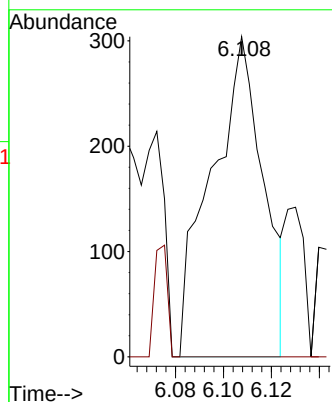
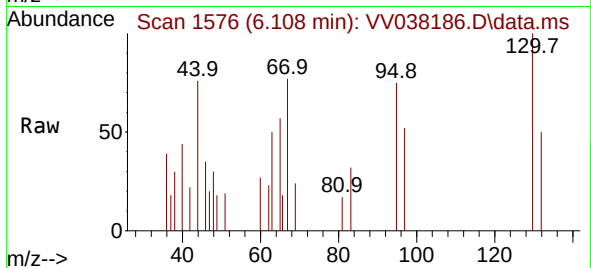
ClientSampleId :

Tgt Ion: 63 Resp: 457

Ion Ratio Lower Upper

63 100

112 8.8 3.9 5.9#



#38

Bromodichloromethane

Concen: 0.012 ug/L

RT: 6.452 min Scan# 1683

Delta R.T. 0.026 min

Lab File: VV038186.D

Acq: 19 Nov 2024 18:57

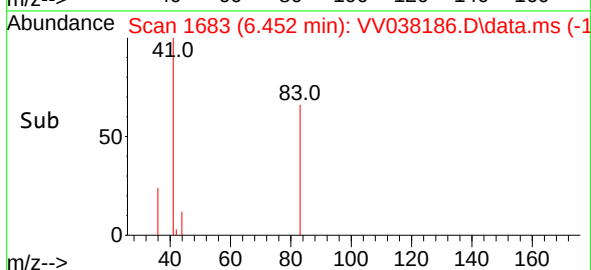
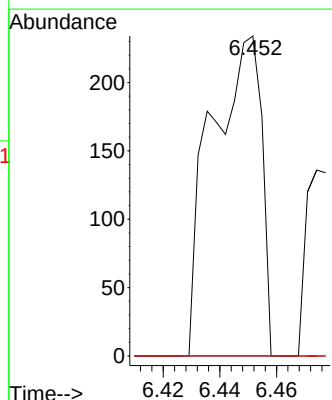
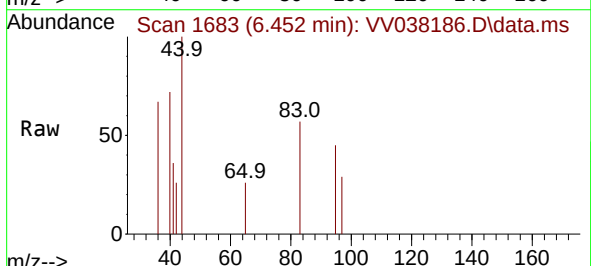
Tgt Ion: 83 Resp: 286

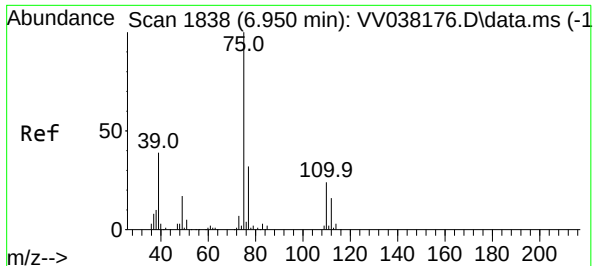
Ion Ratio Lower Upper

83 100

85 0.0 43.9 81.5#

127 0.0 6.7 10.1#





#39

cis-1,3-Dichloropropene

Concen: 0.003 ug/L

RT: 6.982 min Scan# 11

Delta R.T. 0.032 min

Lab File: VV038186.D

Acq: 19 Nov 2024 18:57

Instrument :

MSVOA_V

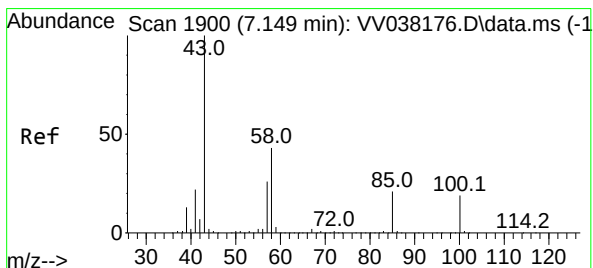
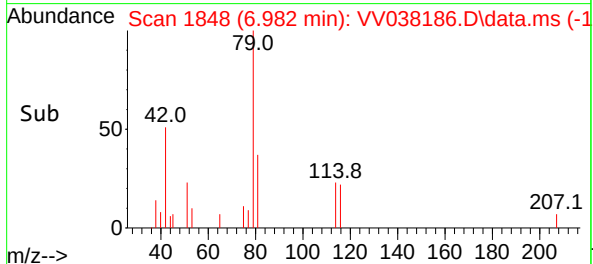
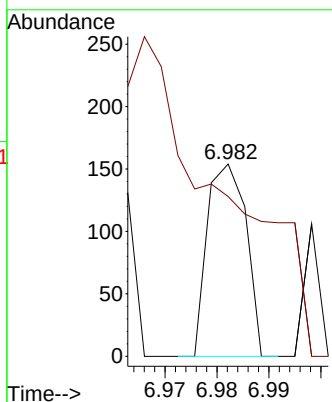
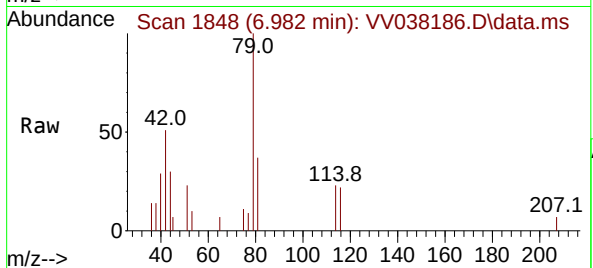
ClientSampleId :

Tgt Ion: 75 Resp: 80

Ion Ratio Lower Upper

75 100

77 83.1 23.4 43.6#



#40

4-Methyl-2-pentanone

Concen: 0.005 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.006 min

Lab File: VV038186.D

Acq: 19 Nov 2024 18:57

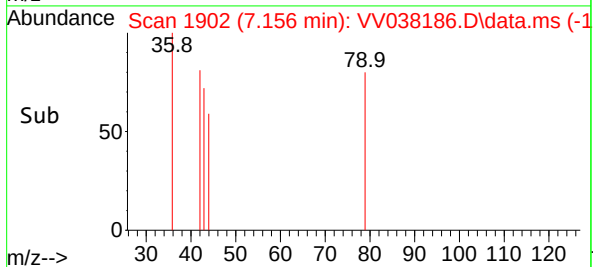
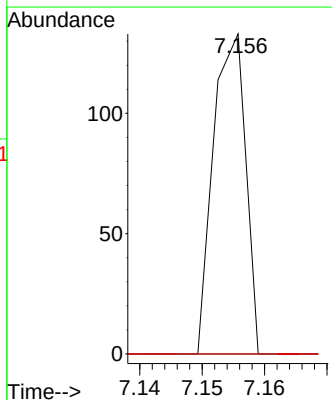
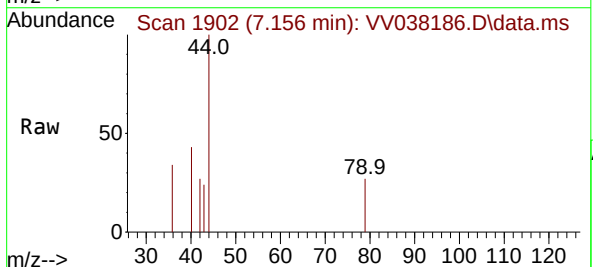
Tgt Ion: 43 Resp: 48

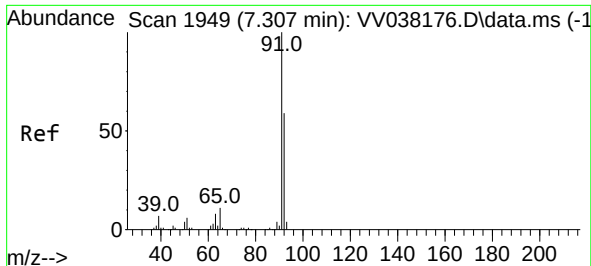
Ion Ratio Lower Upper

43 100

58 0.0 33.4 50.2#

100 0.0 14.3 21.5#





#42

Toluene

Concen: 0.320 ug/L

RT: 7.323 min Scan# 1949

Delta R.T. 0.016 min

Lab File: VV038186.D

Acq: 19 Nov 2024 18:57

Instrument :

MSVOA_V

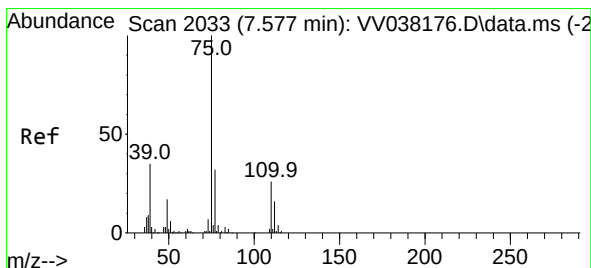
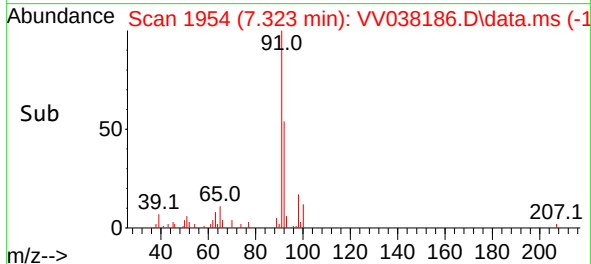
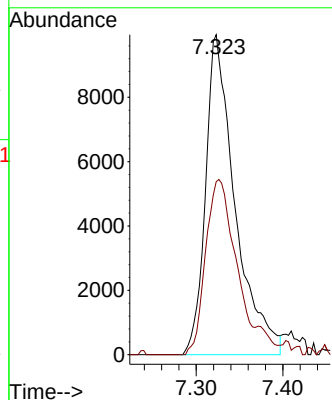
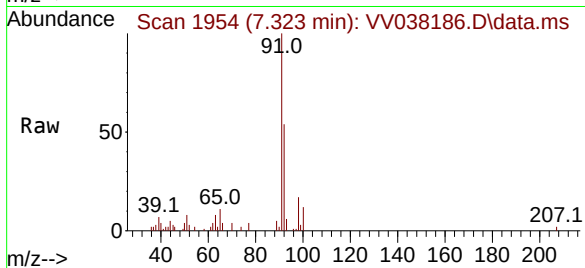
ClientSampleId :

Tgt Ion: 91 Resp: 23524

Ion Ratio Lower Upper

91 100

92 54.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.011 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.016 min

Lab File: VV038186.D

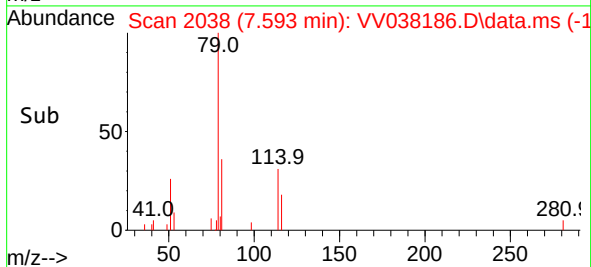
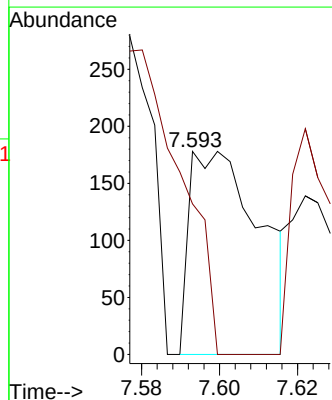
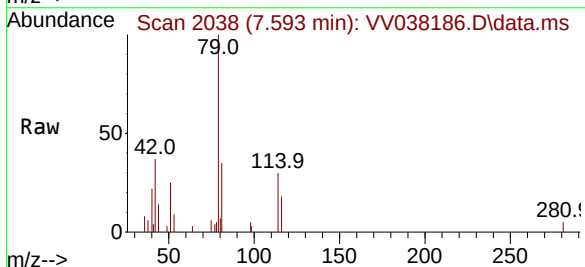
Acq: 19 Nov 2024 18:57

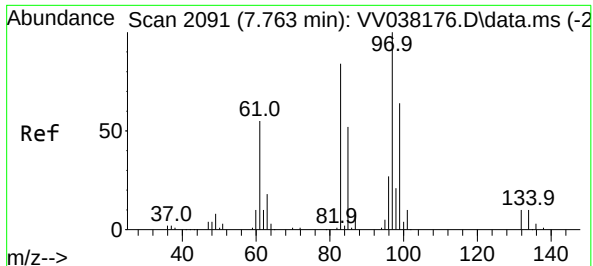
Tgt Ion: 75 Resp: 222

Ion Ratio Lower Upper

75 100

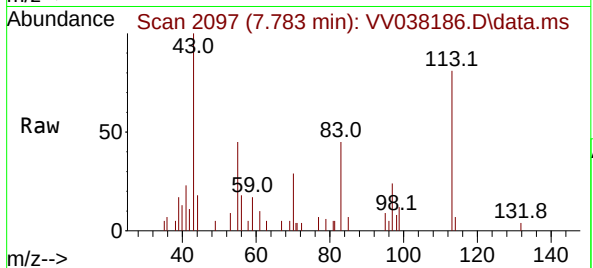
77 74.2 23.4 43.4#



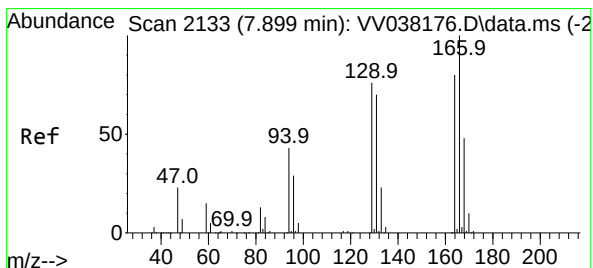
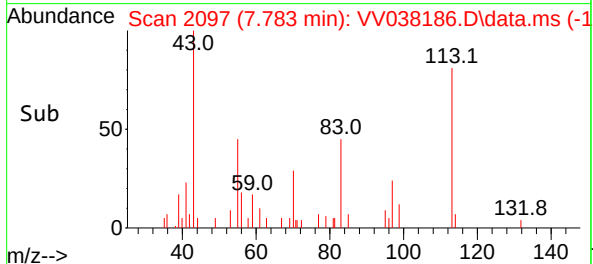
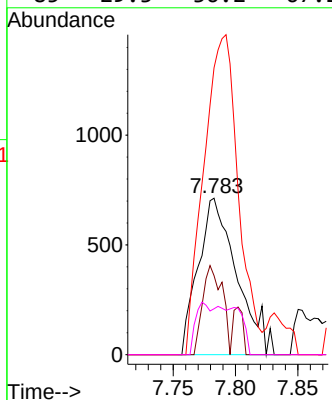


#45
1,1,2-Trichloroethane
Concen: 0.109 ug/L
RT: 7.783 min Scan# 2091
Delta R.T. 0.019 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

Instrument :
MSVOA_V
ClientSampleId :

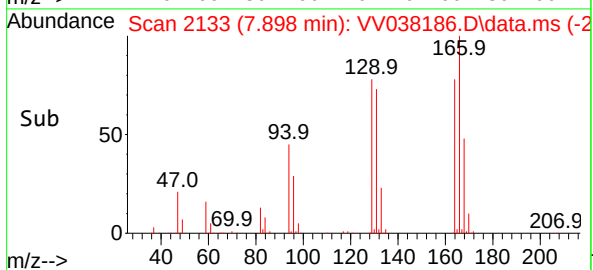
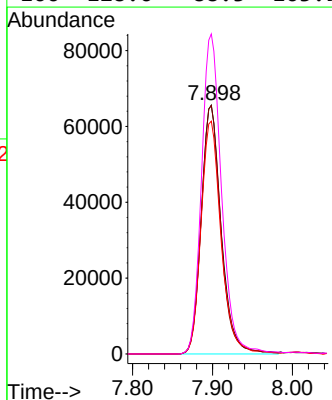
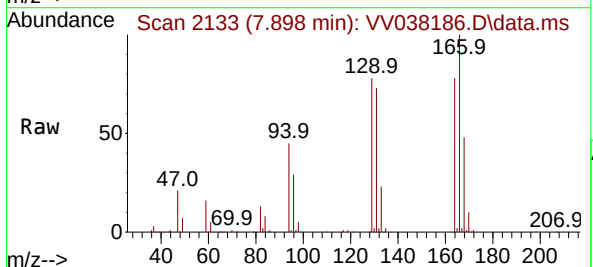


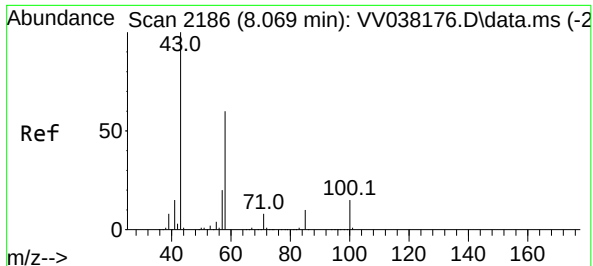
Tgt Ion:	97	Resp:	1536
Ion	Ratio	Lower	Upper
97	100		
99	50.5	41.9	77.7
83	183.3	57.7	107.1#
85	29.3	36.2	67.2#



#47
Tetrachloroethene
Concen: 7.504 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

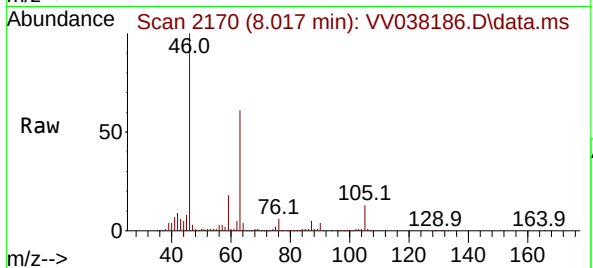
Tgt Ion:	164	Resp:	113931
Ion	Ratio	Lower	Upper
164	100		
129	99.8	68.5	127.1
131	93.6	64.8	120.4
166	128.6	88.3	163.9



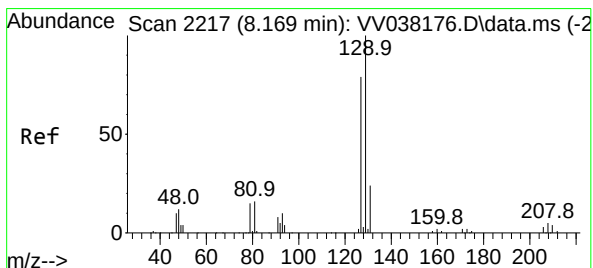
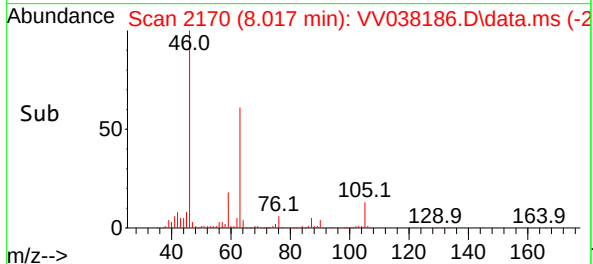
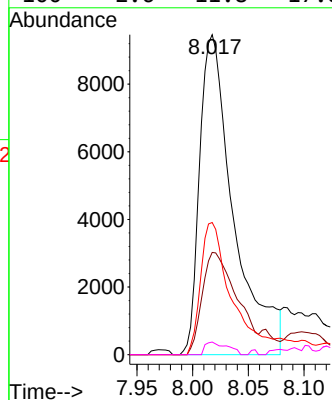


#48
2-Hexanone
Concen: 3.047 ug/L
RT: 8.017 min Scan# 2186
Delta R.T. -0.051 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

Instrument :
MSVOA_V
ClientSampleId :

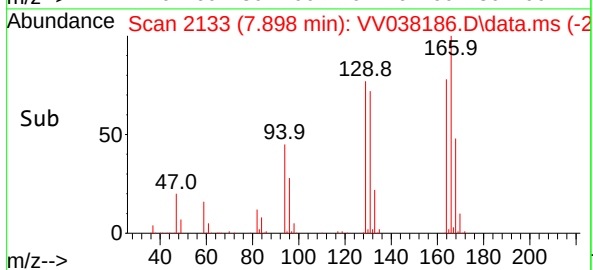
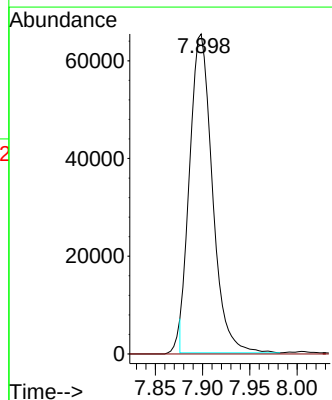
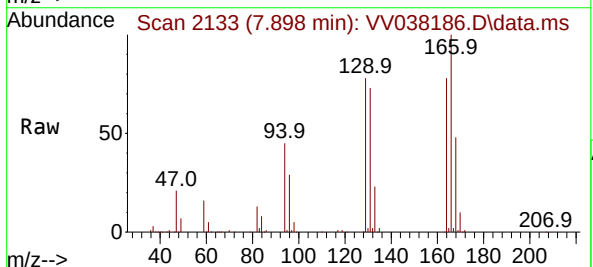


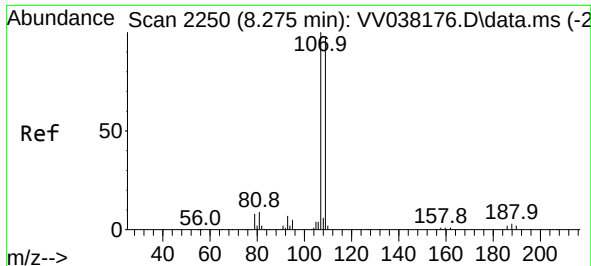
Tgt Ion: 43	Resp: 20078
Ion Ratio	Lower Upper
43 100	
58 32.9	49.2 73.8#
57 37.6	16.9 25.3#
100 2.6	11.8 17.8#



#49
Dibromochloromethane
Concen: 7.071 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. -0.270 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

Tgt Ion:129	Resp: 108544		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	53.5	99.3#	





#50

1,2-Dibromoethane

Concen: 0.011 ug/L

RT: 8.021 min Scan# 2171

Delta R.T. -0.254 min

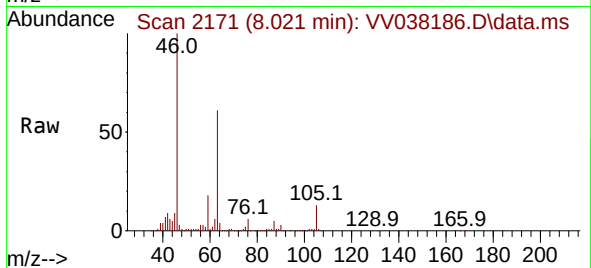
Lab File: VV038186.D

Acq: 19 Nov 2024 18:57

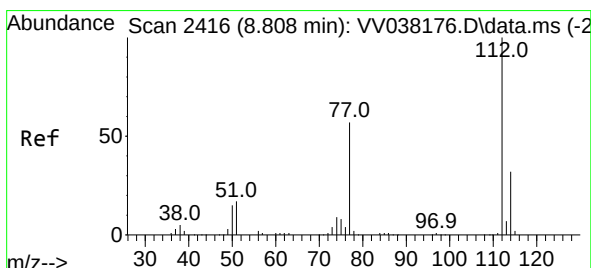
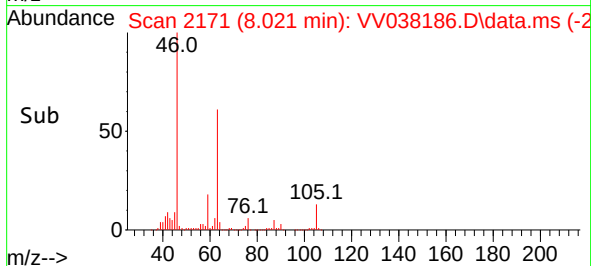
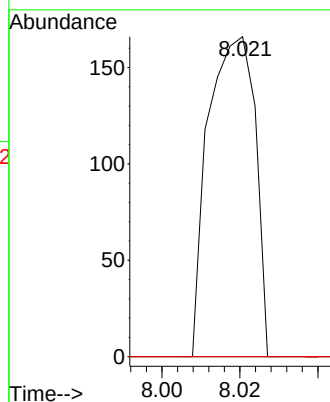
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:107	Resp:	139
Ion Ratio	Lower	Upper
107	100	
109	0.0	66.1 122.7#
188	0.0	2.6 3.8#



#51

Chlorobenzene

Concen: 0.400 ug/L

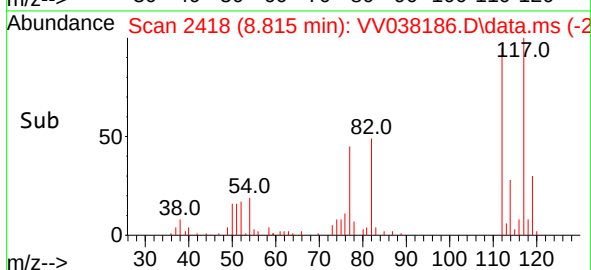
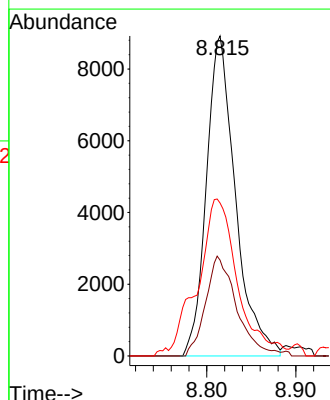
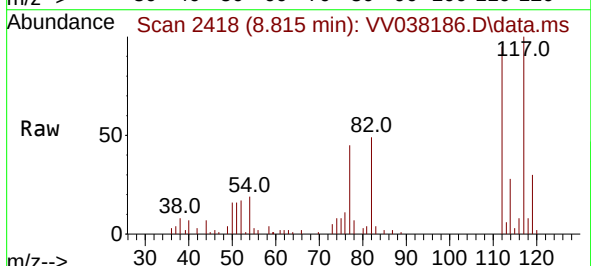
RT: 8.815 min Scan# 2418

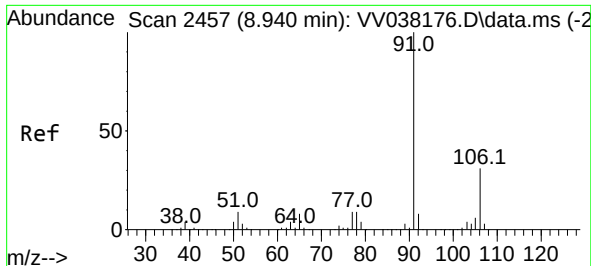
Delta R.T. 0.006 min

Lab File: VV038186.D

Acq: 19 Nov 2024 18:57

Tgt Ion:112	Resp:	20231
Ion Ratio	Lower	Upper
112	100	
114	30.0	22.0 40.8
77	47.8	45.0 67.4

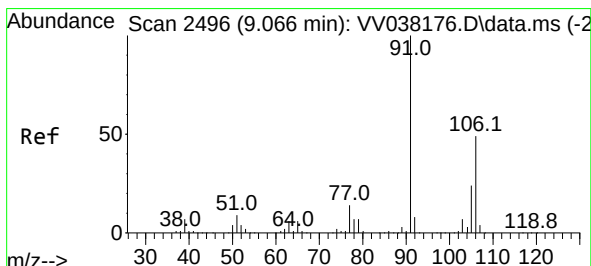
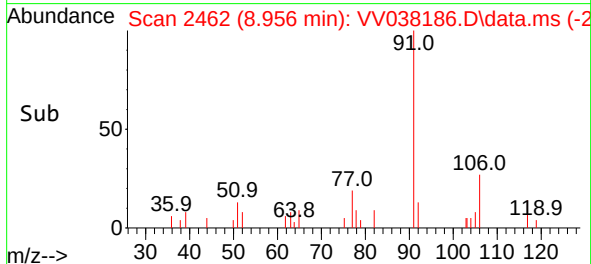
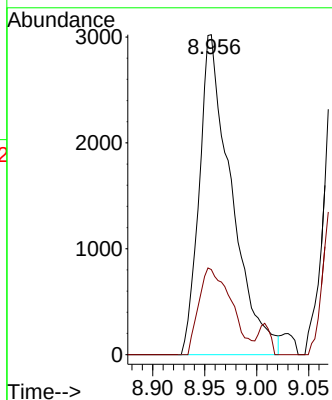
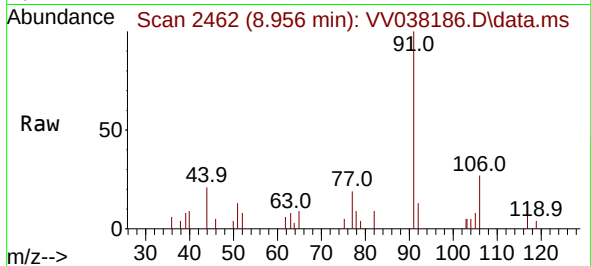




#52
Ethylbenzene
Concen: 0.083 ug/L
RT: 8.956 min Scan# 2457
Delta R.T. 0.016 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

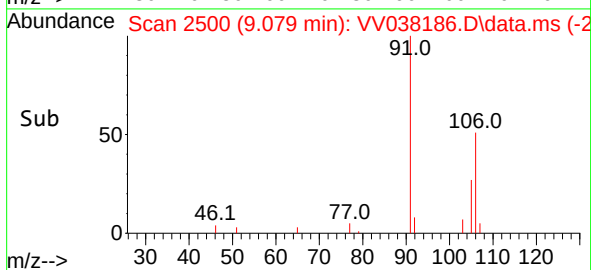
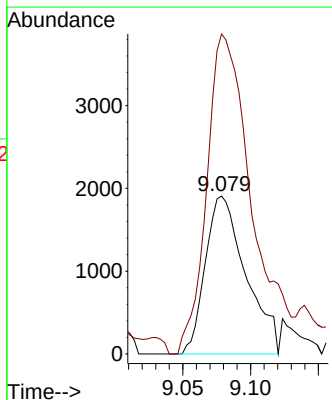
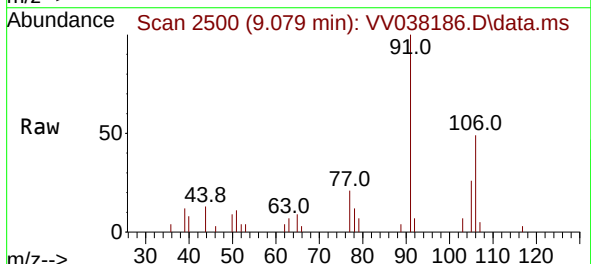
Instrument :
MSVOA_V
ClientSampleId :

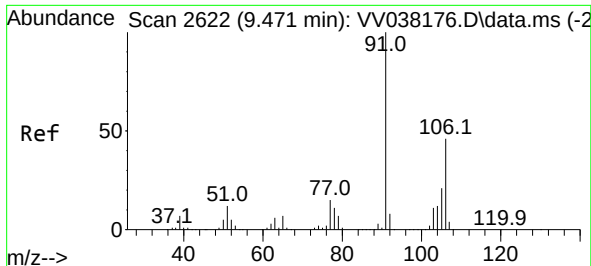
Tgt Ion: 91 Resp: 6486
Ion Ratio Lower Upper
91 100
106 26.6 21.8 40.4



#53
m,p-Xylene
Concen: 0.135 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.013 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

Tgt Ion: 106 Resp: 3961
Ion Ratio Lower Upper
106 100
91 202.6 138.7 257.5

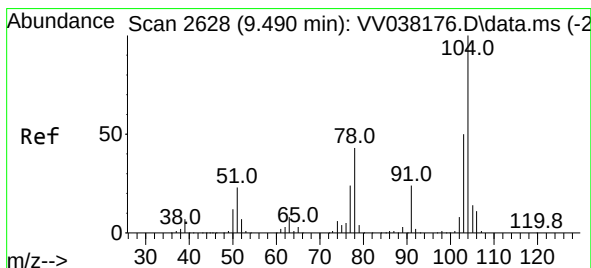
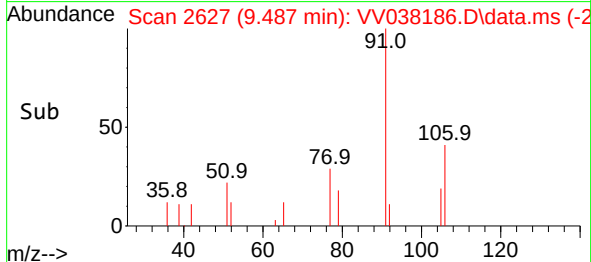
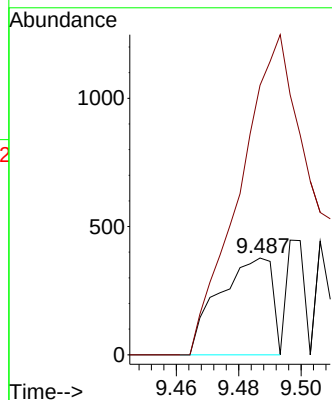
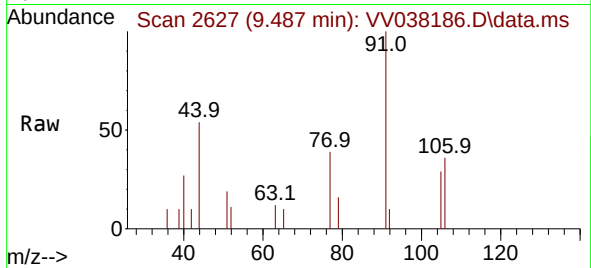




#54
o-Xylene
Concen: 0.016 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.016 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

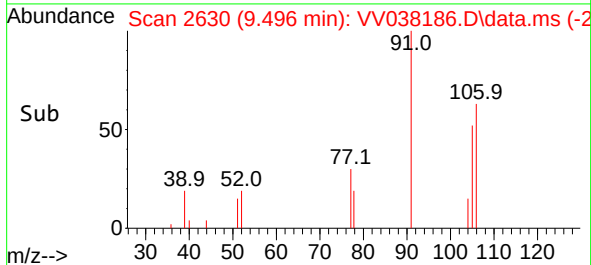
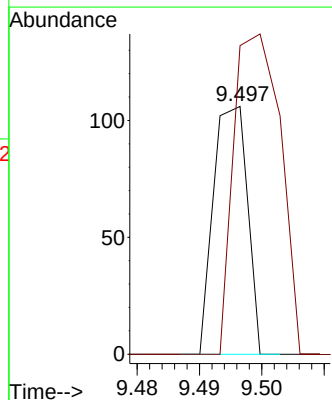
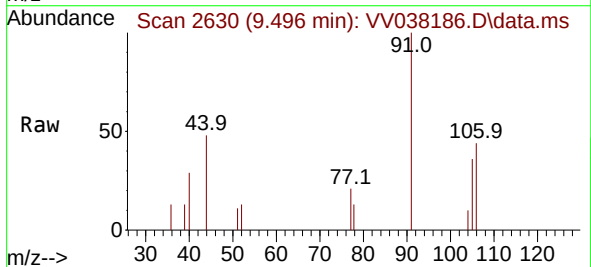
Instrument :
MSVOA_V
ClientSampleId :

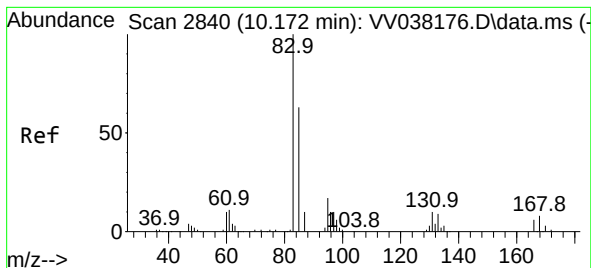
Tgt Ion:106 Resp: 444
Ion Ratio Lower Upper
106 100
91 278.8 155.5 288.7



#55
Styrene
Concen: 0.001 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. 0.006 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

Tgt Ion:104 Resp: 40
Ion Ratio Lower Upper
104 100
78 124.5 29.7 55.1#

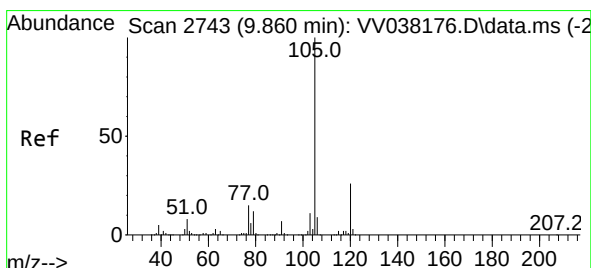
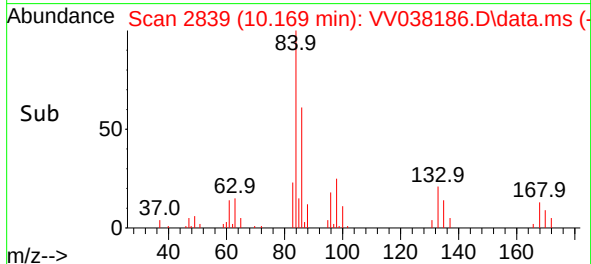
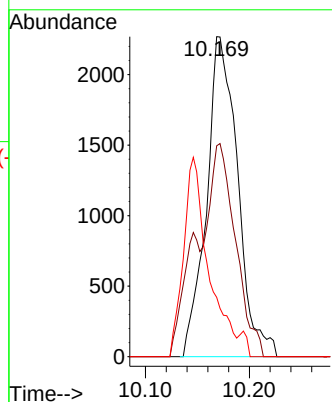
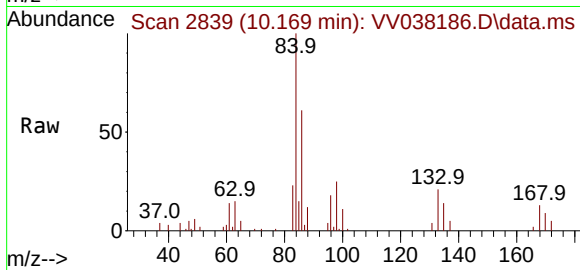




#57
 1,1,2-Tetrachloroethane
 Concen: 0.286 ug/L
 RT: 10.169 min Scan# 2499
 Delta R.T. -0.003 min
 Lab File: VV038186.D
 Acq: 19 Nov 2024 18:57

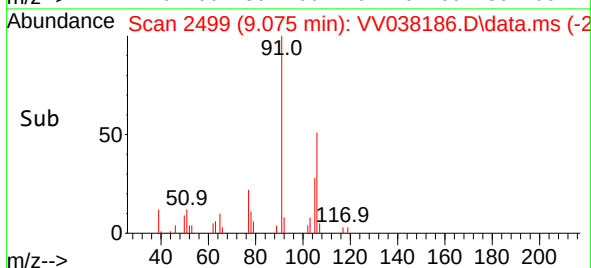
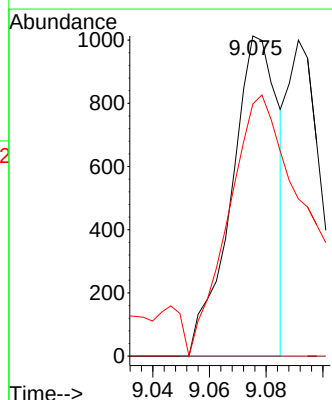
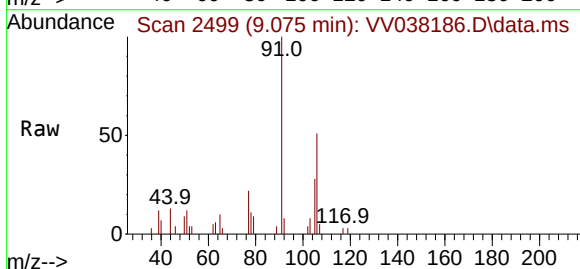
Instrument :
 MSVOA_V
 ClientSampleId :

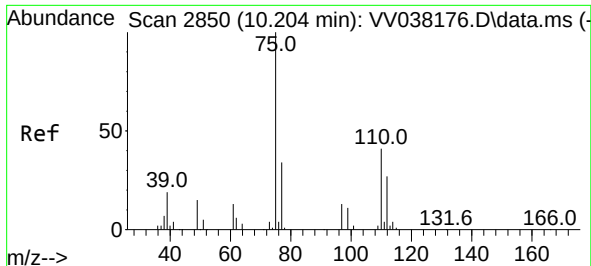
Tgt Ion: 83 Resp: 4716
 Ion Ratio Lower Upper
 83 100
 85 65.9 45.7 84.9
 131 18.6 8.2 12.4#



#60
 Isopropylbenzene
 Concen: 0.019 ug/L
 RT: 9.075 min Scan# 2499
 Delta R.T. -0.785 min
 Lab File: VV038186.D
 Acq: 19 Nov 2024 18:57

Tgt Ion: 105 Resp: 1161
 Ion Ratio Lower Upper
 105 100
 120 0.0 20.8 31.2#
 77 124.9 12.2 18.2#

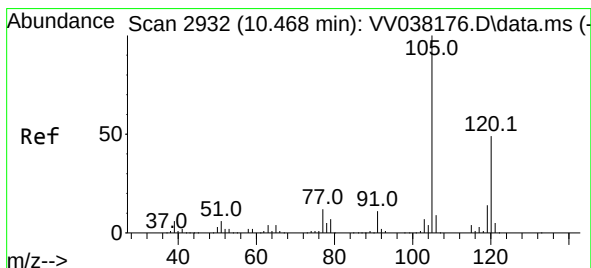
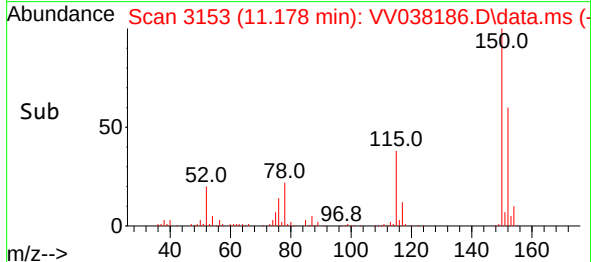
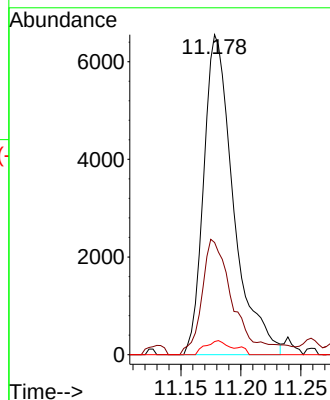
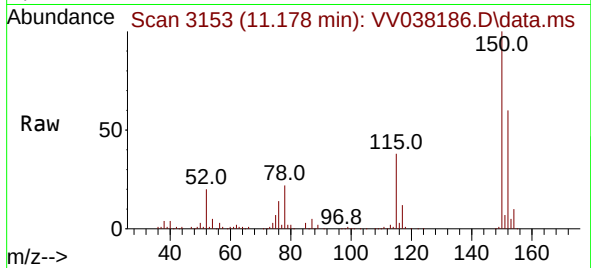




#61
 1,2,3-Trichloropropane
 Concen: 1.234 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.974 min
 Lab File: VV038186.D
 Acq: 19 Nov 2024 18:57

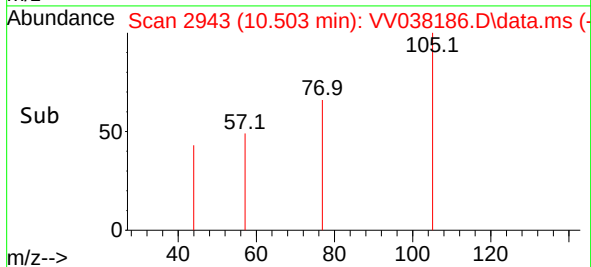
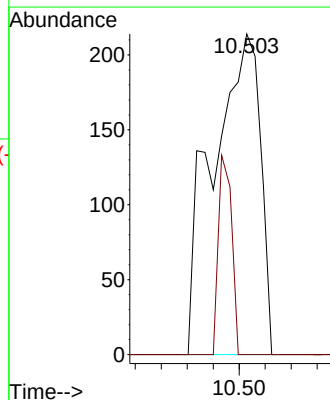
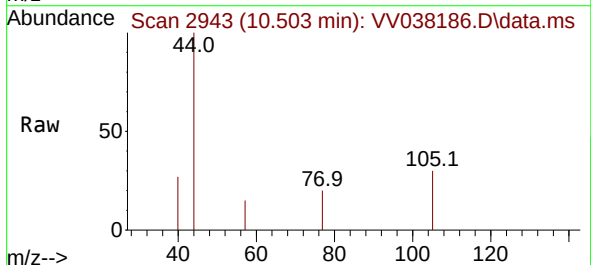
Instrument :
 MSVOA_V
 ClientSampleId :

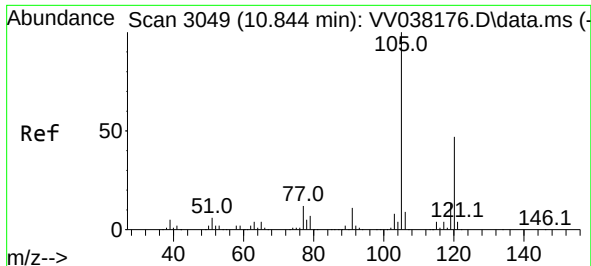
Tgt Ion: 75 Resp: 11308
 Ion Ratio Lower Upper
 75 100
 77 38.8 26.4 39.6
 110 3.4 32.3 48.5#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.006 ug/L
 RT: 10.503 min Scan# 2943
 Delta R.T. 0.035 min
 Lab File: VV038186.D
 Acq: 19 Nov 2024 18:57

Tgt Ion: 105 Resp: 272
 Ion Ratio Lower Upper
 105 100
 120 0.0 39.2 58.8#

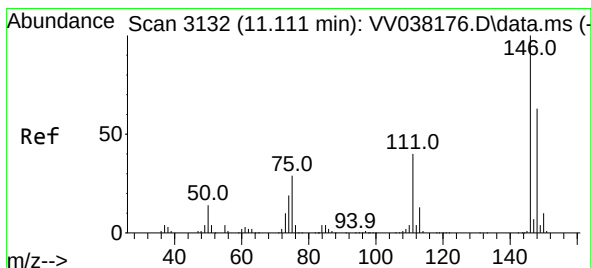
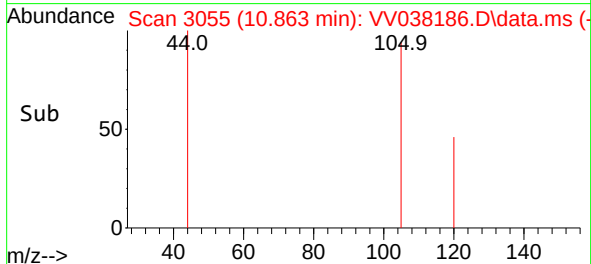
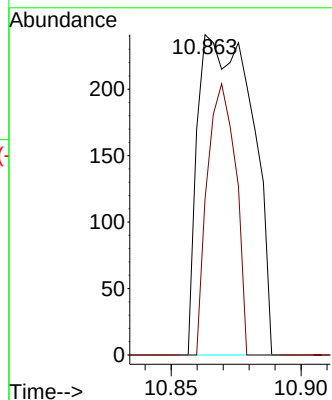
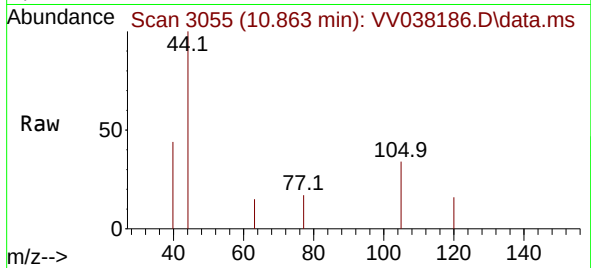




#63
1,2,4-Trimethylbenzene
Concen: 0.007 ug/L
RT: 10.863 min Scan# 3049
Delta R.T. 0.019 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

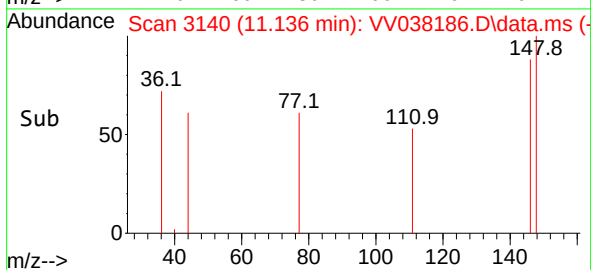
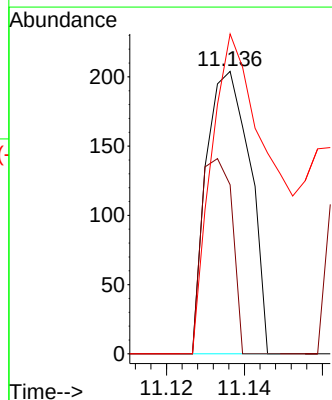
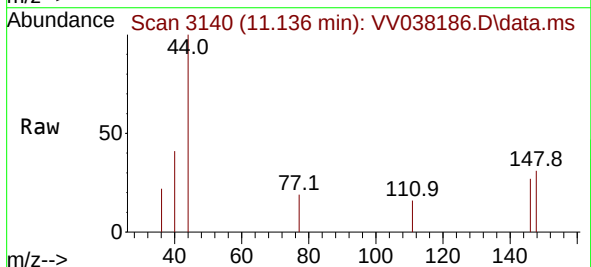
Instrument :
MSVOA_V
ClientSampleId :

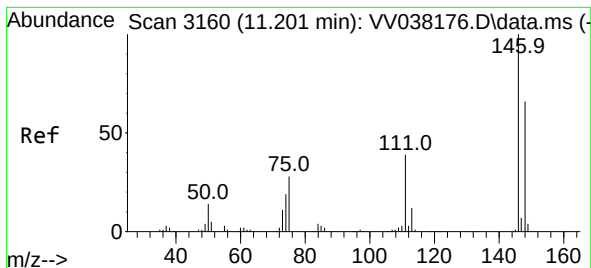
Tgt Ion:105 Resp: 351
Ion Ratio Lower Upper
105 100
120 43.9 37.0 55.4



#64
1,3-Dichlorobenzene
Concen: 0.005 ug/L
RT: 11.136 min Scan# 3140
Delta R.T. 0.026 min
Lab File: VV038186.D
Acq: 19 Nov 2024 18:57

Tgt Ion:146 Resp: 158
Ion Ratio Lower Upper
146 100
111 59.8 28.2 52.4#
148 113.2 44.2 82.2#





#65

1,4-Dichlorobenzene

Concen: 0.033 ug/L

RT: 11.207 min Scan# 3160

Delta R.T. 0.006 min

Lab File: VV038186.D

Acq: 19 Nov 2024 18:57

Instrument :

MSVOA_V

ClientSampleId :

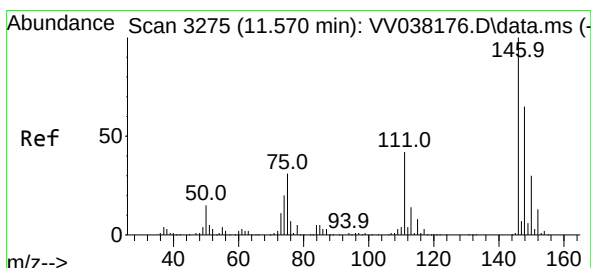
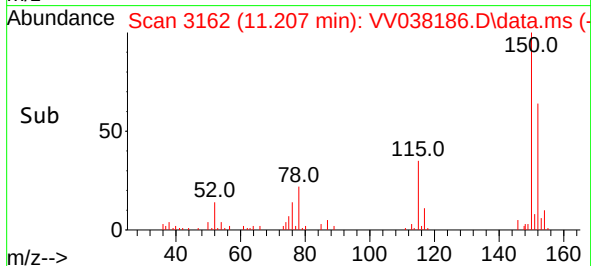
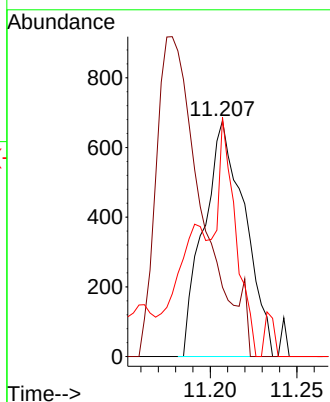
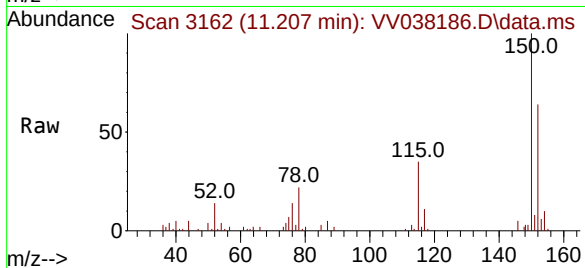
Tgt Ion:146 Resp: 1111

Ion Ratio Lower Upper

146 100

111 29.4 27.4 50.8

148 101.3 44.4 82.4#



#67

1,2-Dichlorobenzene

Concen: 0.190 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.006 min

Lab File: VV038186.D

Acq: 19 Nov 2024 18:57

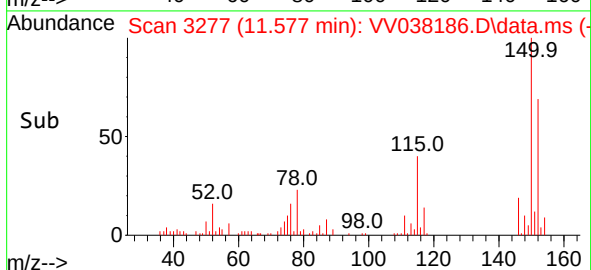
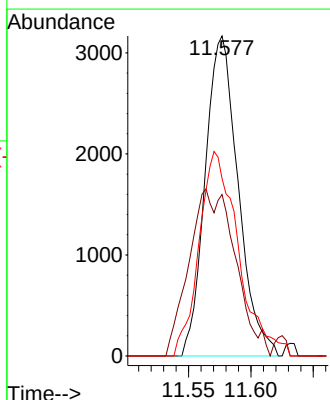
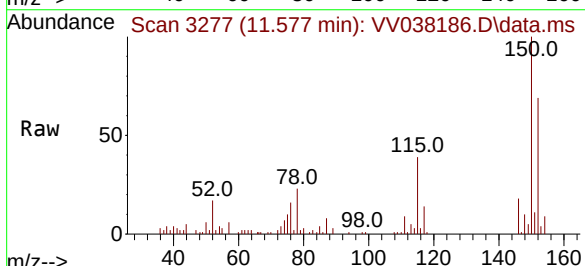
Tgt Ion:146 Resp: 5834

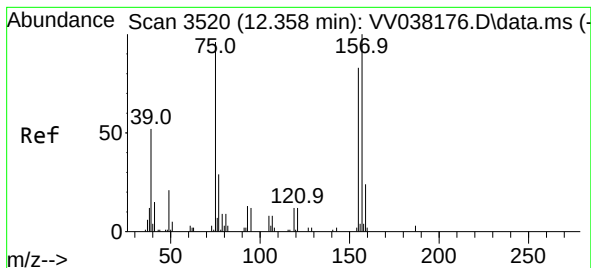
Ion Ratio Lower Upper

146 100

111 50.4 34.2 51.2

148 55.5 51.0 76.4

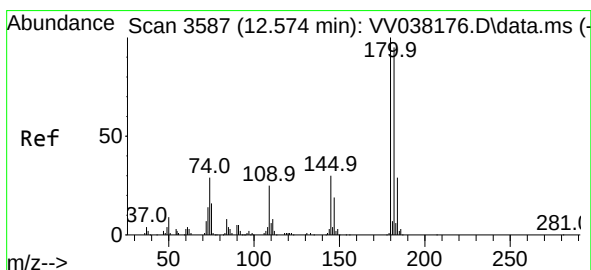
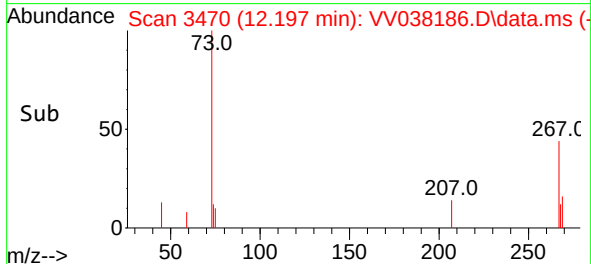
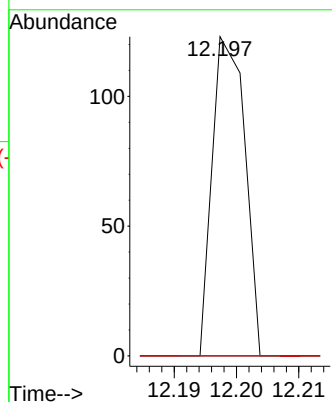
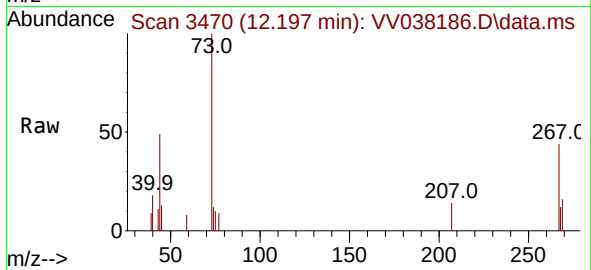




#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.022 ug/L
 RT: 12.197 min Scan# 3470
 Delta R.T. -0.161 min
 Lab File: VV038186.D
 Acq: 19 Nov 2024 18:57

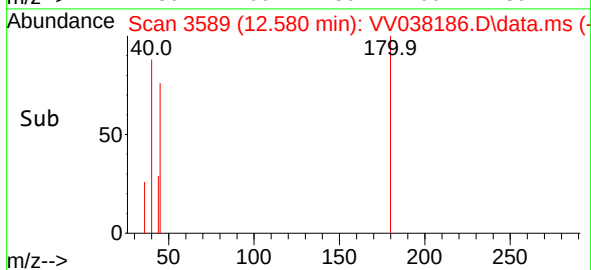
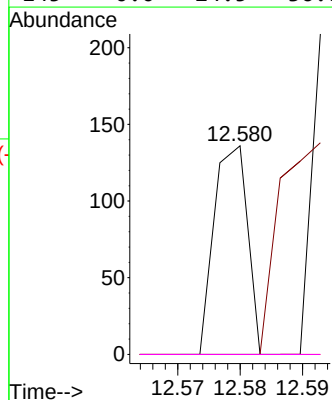
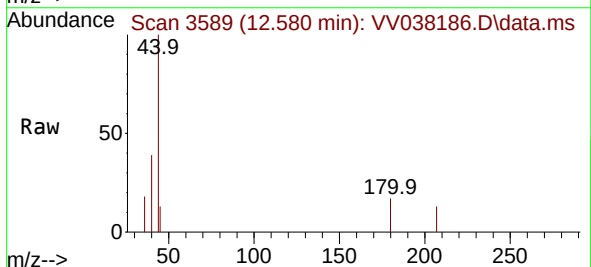
Instrument :
 MSVOA_V
 ClientSampleId :

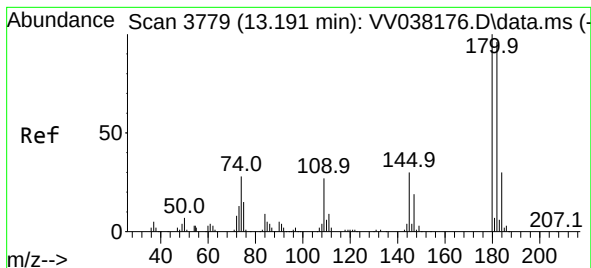
Tgt Ion: 75 Resp: 45
 Ion Ratio Lower Upper
 75 100
 155 0.0 67.5 101.3#
 157 0.0 82.7 124.1#



#69
 1,3,5-Trichlorobenzene
 Concen: 0.002 ug/L
 RT: 12.580 min Scan# 3589
 Delta R.T. 0.006 min
 Lab File: VV038186.D
 Acq: 19 Nov 2024 18:57

Tgt Ion: 180 Resp: 50
 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: 0.020 ug/L

RT: 13.223 min Scan# 3789

Delta R.T. 0.032 min

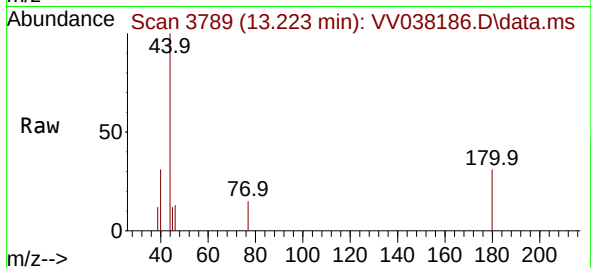
Lab File: VV038186.D

Acq: 19 Nov 2024 18:57

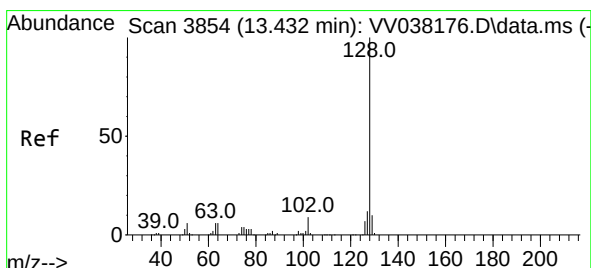
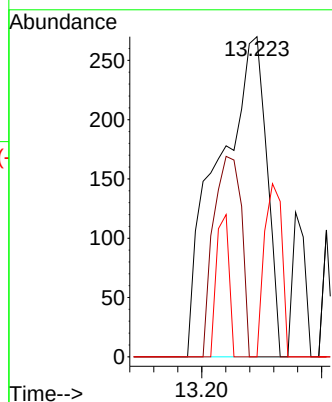
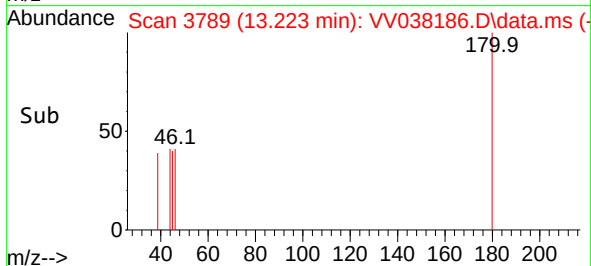
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180	Resp:	379
Ion Ratio	Lower	Upper
180	100	
182	0.0	73.8 110.8#
145	19.5	24.6 37.0#



#71

Naphthalene

Concen: 0.004 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.023 min

Lab File: VV038186.D

Acq: 19 Nov 2024 18:57

Tgt Ion:128	Resp:	124
Ion Ratio	Lower	Upper
128	100	
129	0.0	8.5 12.7#
127	0.0	10.1 15.1#

