

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038181.D
 Acq On : 19 Nov 2024 16:55
 Operator : SY/MD
 Sample : P4882-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 00:13:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:47:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	246650	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	268820	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	118383	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	83087	4.395	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.529	69	78271	5.118	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.053	65	37485	4.608	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.780	46	198547	52.499	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.000%
24) Chloroform-d	4.243	84	183059	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	4.937	65	94130	5.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.400%
32) Benzene-d6	4.953	84	333314	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	5.982	67	109434	5.119	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.240	98	276375	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.558	79	37835	4.760	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.018	63	171892	55.633	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.260%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	94451	5.204	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	113888	5.646	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	14701	0.630	ug/L	100
3) Chloromethane	1.214	50	5035	0.251	ug/L	94
5) Vinyl chloride	1.278	62	445	0.020	ug/L #	1
6) Bromomethane	1.484	94	821	0.092	ug/L	91
8) Chloroethane	1.584	64	574	0.040	ug/L #	51
9) Trichlorofluoromethane	1.709	101	14155	0.437	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	3056	0.165	ug/L #	74
12) 1,1-Dichloroethene	2.056	96	1392	0.079	ug/L #	1
13) Acetone	1.963	43	17808	6.367	ug/L	44
14) Carbon disulfide	2.233	76	1415	0.025	ug/L #	87
15) Methyl Acetate	2.378	43	388	0.057	ug/L #	47
16) Methylene chloride	2.442	84	20899	1.040	ug/L	95
17) Methyl tert-butyl Ether	2.700	73	36335	0.912	ug/L	97
18) trans-1,2-Dichloroethene	2.693	96	223	0.012	ug/L	78
19) 1,1-Dichloroethane	3.114	63	4648	0.138	ug/L	92
21) 2-Butanone	3.880	43	273	0.068	ug/L #	49
22) cis-1,2-Dichloroethene	3.812	96	1778	0.093	ug/L	94
25) Chloroform	4.275	83	12185	0.338	ug/L	99
27) 1,2-Dichloroethane	5.060	62	1020	0.052	ug/L #	72

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

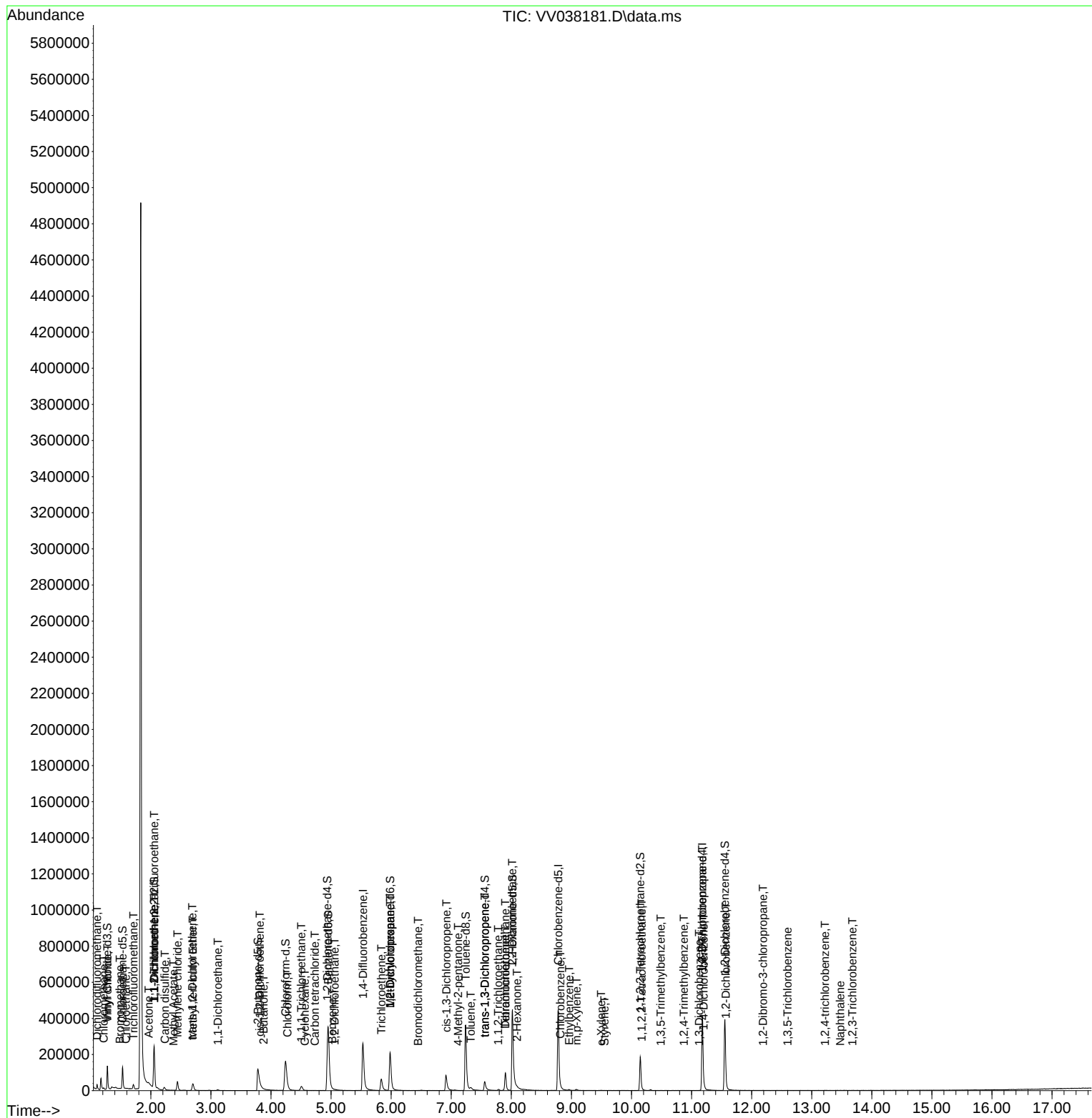
29) 1,1,1-Trichloroethane	4.503	97	19297	0.599	ug/L	98
30) Cyclohexane	4.564	56	124	0.005	ug/L #	1
31) Carbon tetrachloride	4.728	117	101	0.004	ug/L #	75
33) Benzene	5.018	78	525	0.007	ug/L	100
34) Trichloroethene	5.838	95	26755	1.300	ug/L	96
35) Methylcyclohexane	5.982	83	26751	0.919	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	11735	0.620	ug/L #	86
38) Bromodichloromethane	6.449	83	90	0.004	ug/L #	26
39) cis-1,3-Dichloropropene	6.918	75	2478	0.094	ug/L #	79
40) 4-Methyl-2-pentanone	7.114	43	86	0.009	ug/L #	41
42) Toluene	7.326	91	12989	0.162	ug/L	86
44) trans-1,3-Dichloropropene	7.558	75	1376	0.062	ug/L #	71
45) 1,1,2-Trichloroethane	7.783	97	102	0.007	ug/L #	1
47) Tetrachloroethene	7.902	164	22697	1.372	ug/L	95
48) 2-Hexanone	8.095	43	2110	0.294	ug/L #	70
49) Dibromochloromethane	7.899	129	22073	1.320	ug/L #	11
50) 1,2-Dibromoethane	8.014	107	96	0.007	ug/L #	5
51) Chlorobenzene	8.815	112	7383	0.134	ug/L	96
52) Ethylbenzene	8.963	91	3574	0.042	ug/L	88
53) m,p-Xylene	9.088	106	1900	0.059	ug/L	81
54) o-Xylene	9.493	106	154	0.005	ug/L	86
55) Styrene	9.551	104	50	0.001	ug/L #	33
57) 1,1,2,2-Tetrachloroethane	10.172	83	1554	0.087	ug/L #	77
61) 1,2,3-Trichloropropane	11.178	75	13773	1.359	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.487	105	320	0.006	ug/L #	28
63) 1,2,4-Trimethylbenzene	10.870	105	445	0.008	ug/L #	64
64) 1,3-Dichlorobenzene	11.127	146	95	0.003	ug/L #	87
65) 1,4-Dichlorobenzene	11.201	146	1386	0.037	ug/L #	72
67) 1,2-Dichlorobenzene	11.571	146	2045	0.060	ug/L #	73
68) 1,2-Dibromo-3-chloropr...	12.188	75	42	0.018	ug/L #	2
69) 1,3,5-Trichlorobenzene	12.599	180	195	0.008	ug/L #	70
70) 1,2,4-trichlorobenzene	13.223	180	231	0.011	ug/L #	36
71) Naphthalene	13.474	128	270	0.008	ug/L #	70
72) 1,2,3-Trichlorobenzene	13.677	180	55	0.003	ug/L #	1

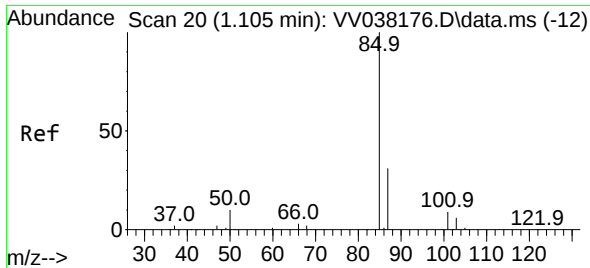
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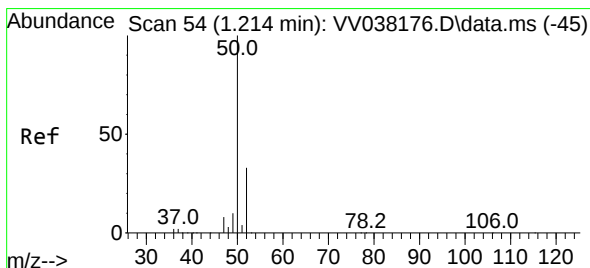
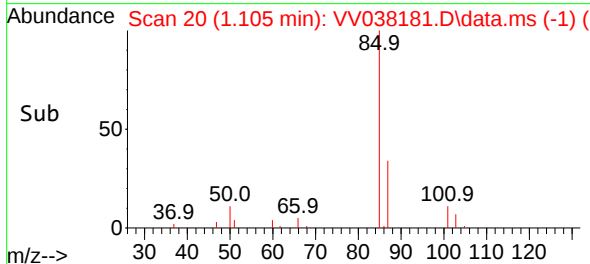
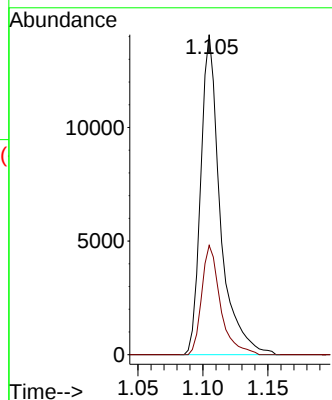
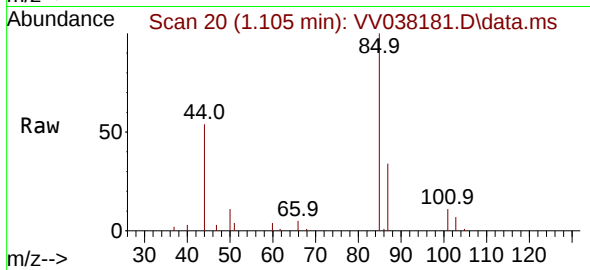




#2
Dichlorodifluoromethane
Concen: 0.630 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

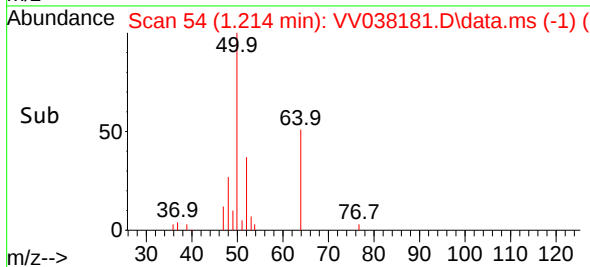
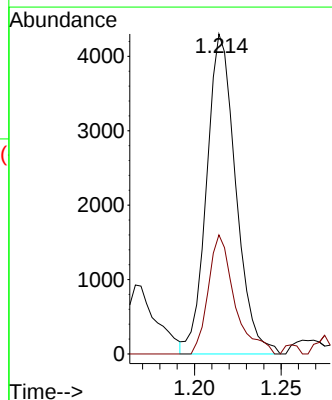
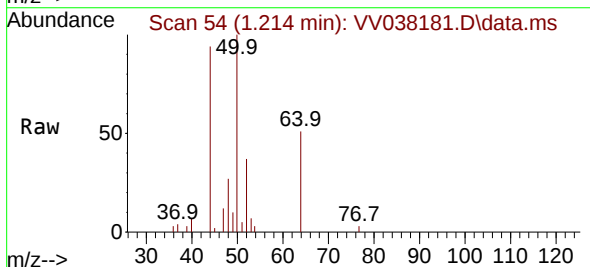
Instrument :
MSVOA_V
ClientSampleId :

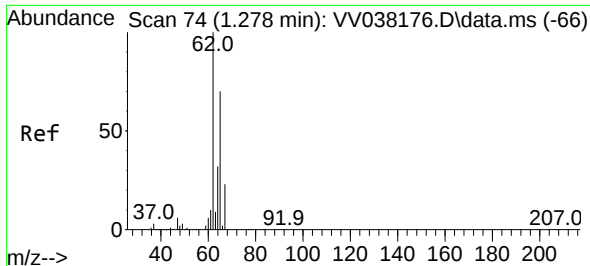
Tgt Ion: 85 Resp: 14701
Ion Ratio Lower Upper
85 100
87 32.8 26.5 39.7



#3
Chloromethane
Concen: 0.251 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

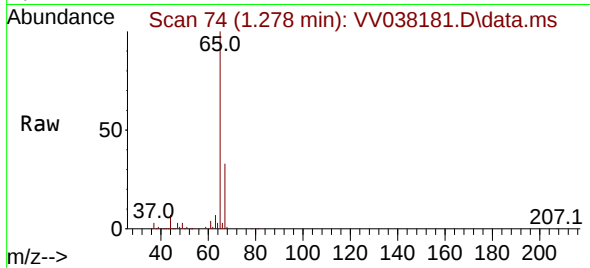
Tgt Ion: 50 Resp: 5035
Ion Ratio Lower Upper
50 100
52 37.2 23.5 43.7



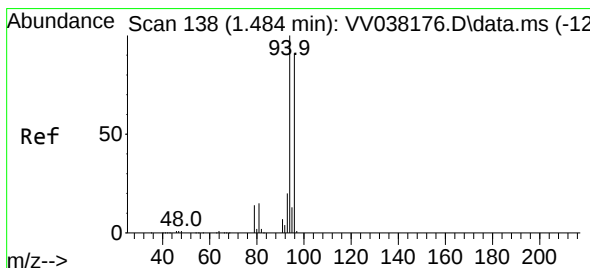
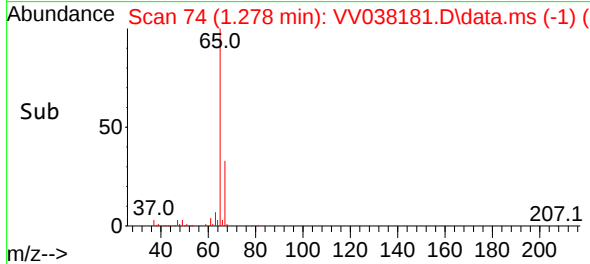
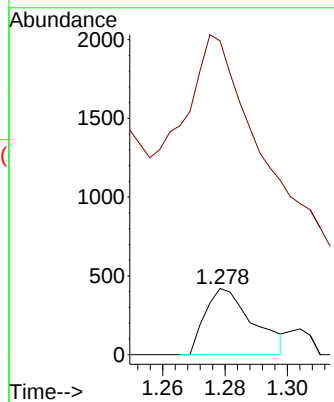


#5
 Vinyl chloride
 Concen: 0.020 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV038181.D
 Acq: 19 Nov 2024 16:55

Instrument :
 MSVOA_V
 ClientSampleId :

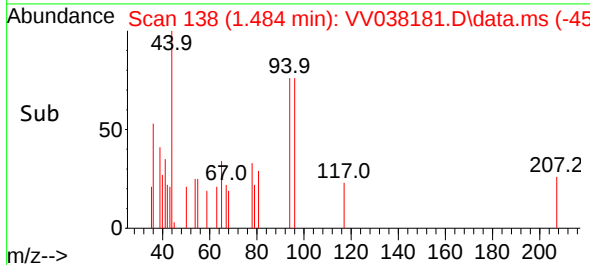
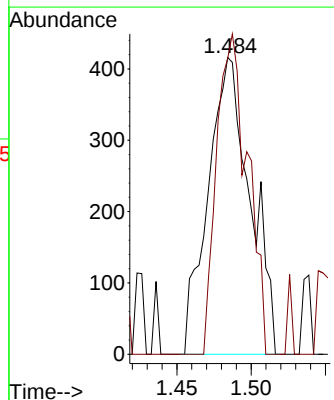
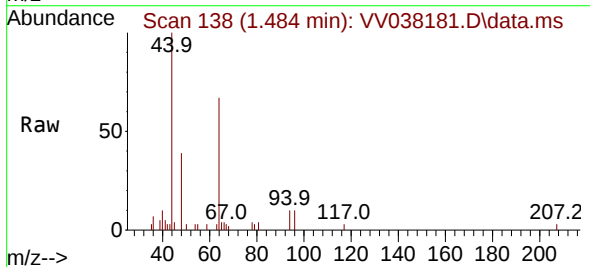


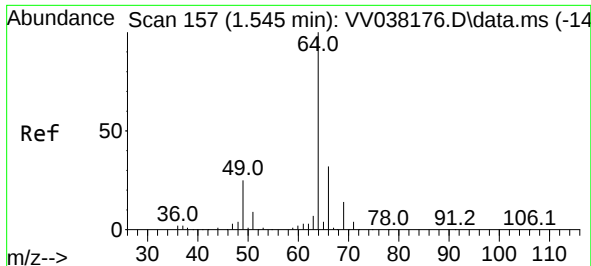
Tgt Ion: 62 Resp: 445
 Ion Ratio Lower Upper
 62 100
 64 474.0 24.4 45.4#



#6
 Bromomethane
 Concen: 0.092 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV038181.D
 Acq: 19 Nov 2024 16:55

Tgt Ion: 94 Resp: 821
 Ion Ratio Lower Upper
 94 100
 96 99.8 63.7 118.3

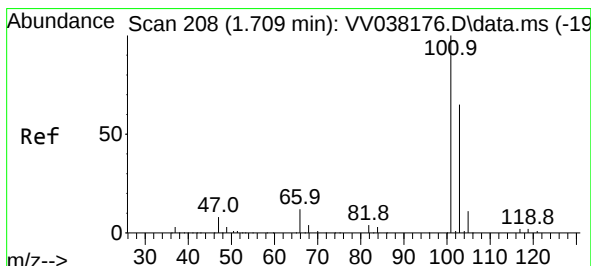
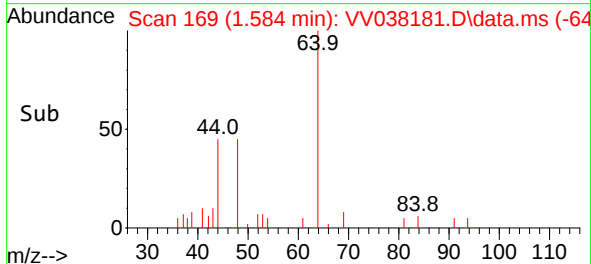
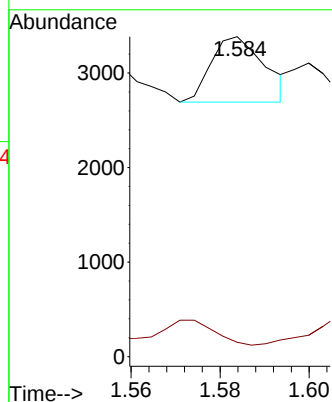
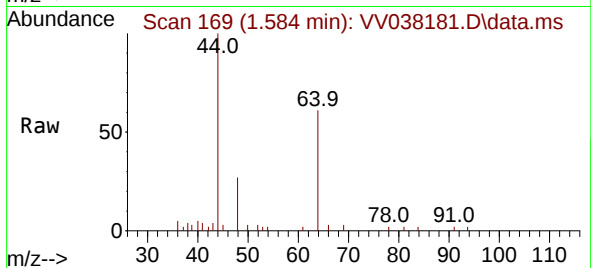




#8
Chloroethane
Concen: 0.040 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.039 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

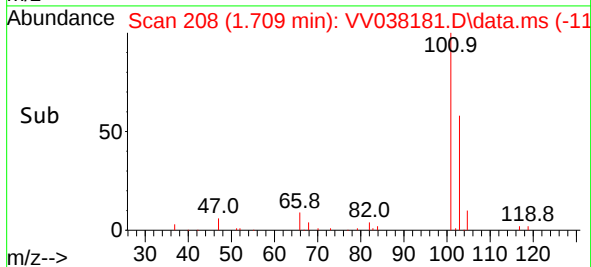
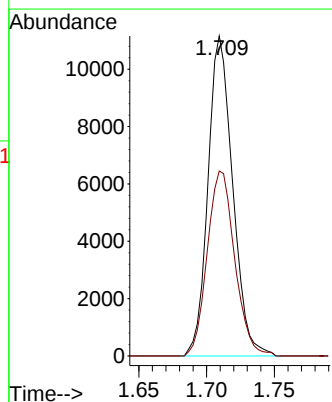
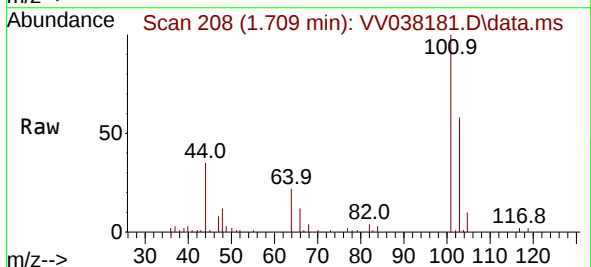
Instrument :
MSVOA_V
ClientSampleId :

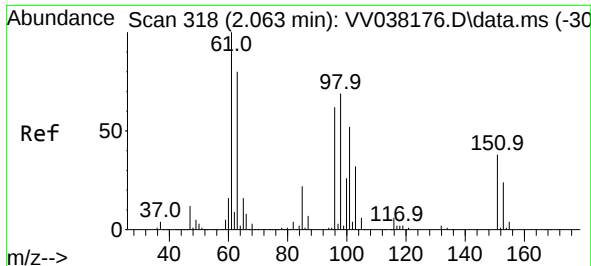
Tgt Ion: 64 Resp: 574
Ion Ratio Lower Upper
64 100
66 4.5 22.0 40.8#



#9
Trichlorofluoromethane
Concen: 0.437 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

Tgt Ion:101 Resp: 14155
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3





#10

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

Concen: 0.165 ug/L

RT: 2.056 min Scan# 316

Delta R.T. -0.006 min

Lab File: VV038181.D

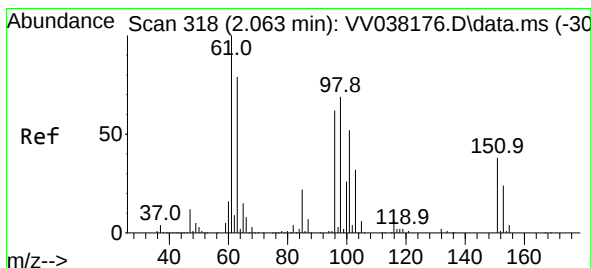
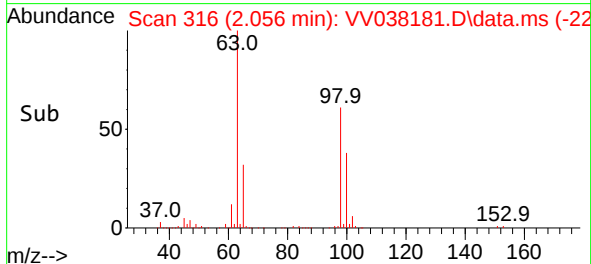
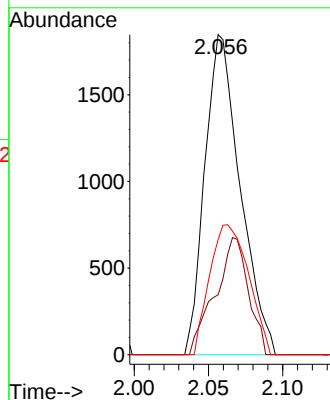
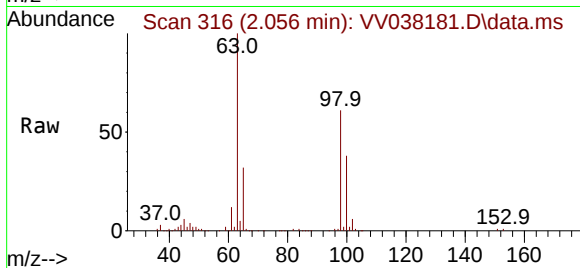
Acq: 19 Nov 2024 16:55

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	3056
Ion	Ratio	Lower	Upper
101	100		
85	34.4	33.4	50.0
151	44.8	58.8	88.2#



#12

1,1-Dichloroethene

Concen: 0.079 ug/L

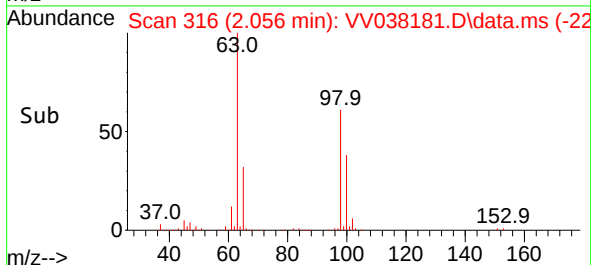
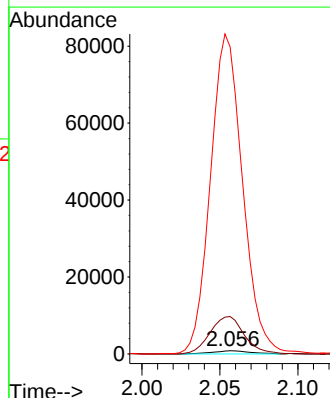
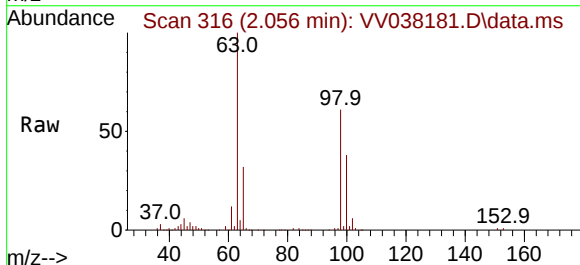
RT: 2.056 min Scan# 316

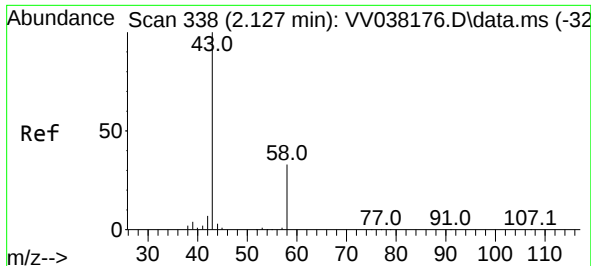
Delta R.T. -0.006 min

Lab File: VV038181.D

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Tgt Ion:	96	Resp:	1392
Ion	Ratio	Lower	Upper
96	100		
61	1178.4	115.7	214.9#
63	9653.2	101.1	187.7#





#13

Acetone

Concen: 6.367 ug/L

RT: 1.963 min Scan# 21

Delta R.T. -0.164 min

Lab File: VV038181.D

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Instrument :

MSVOA_V

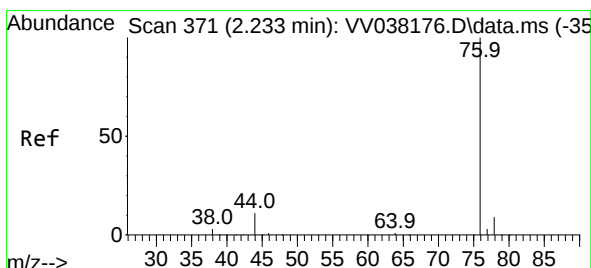
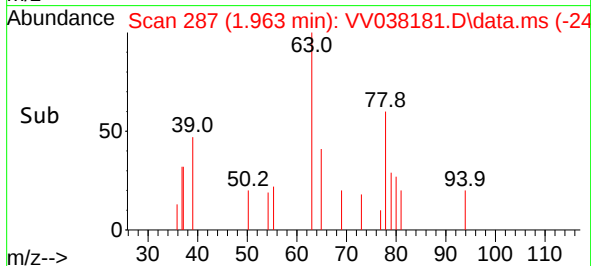
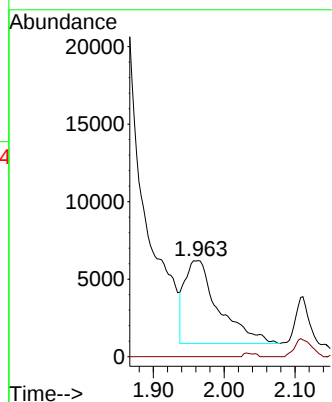
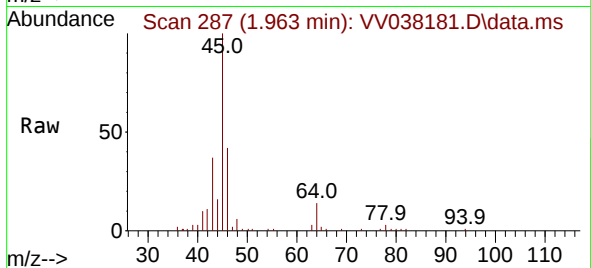
ClientSampleId :

Tgt Ion: 43 Resp: 17808

Ion Ratio Lower Upper

43 100

58 1.5 0.0 67.2



#14

Carbon disulfide

Concen: 0.025 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV038181.D

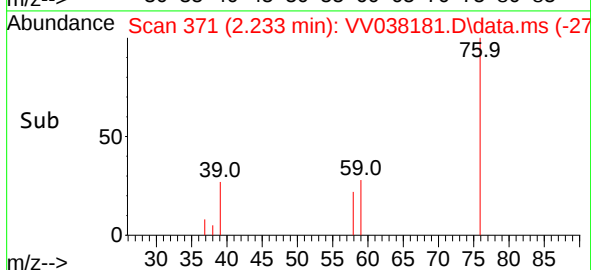
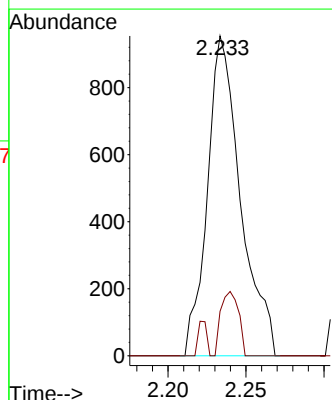
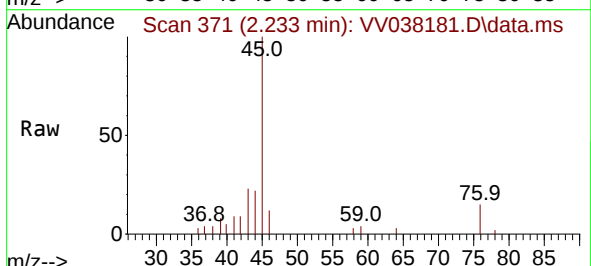
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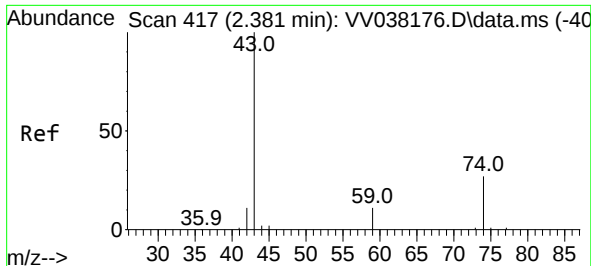
Tgt Ion: 76 Resp: 1415

Ion Ratio Lower Upper

76 100

78 13.9 7.4 11.0#

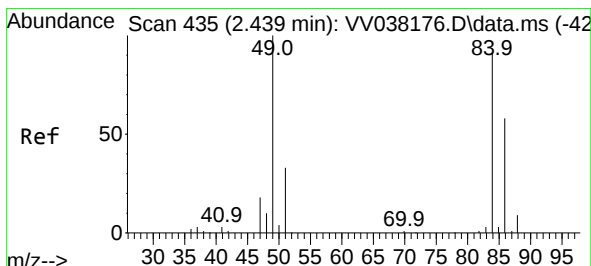
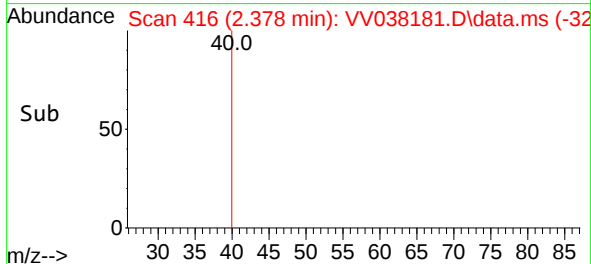
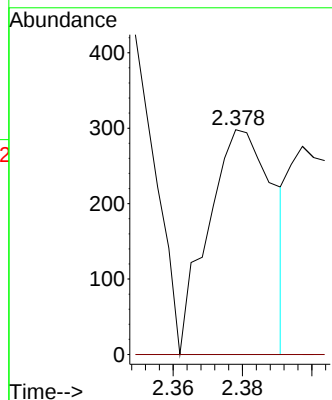
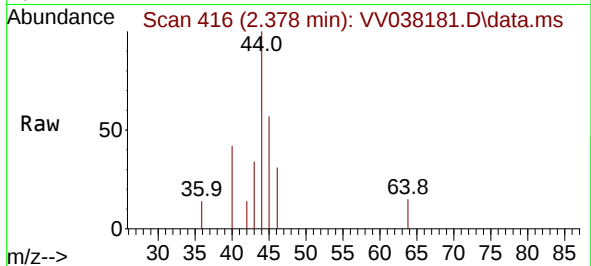




#15
Methyl Acetate
Concen: 0.057 ug/L
RT: 2.378 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

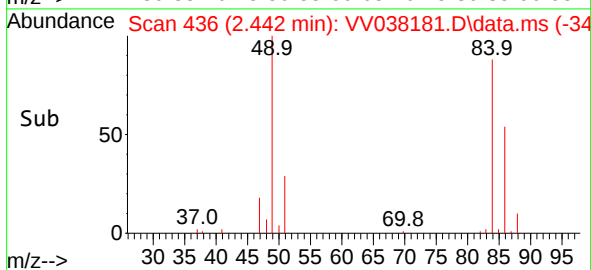
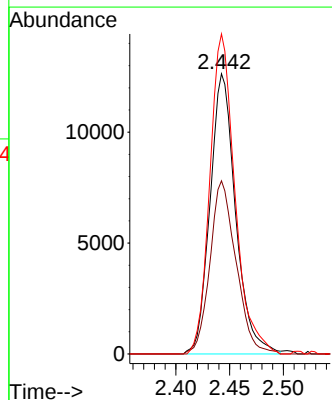
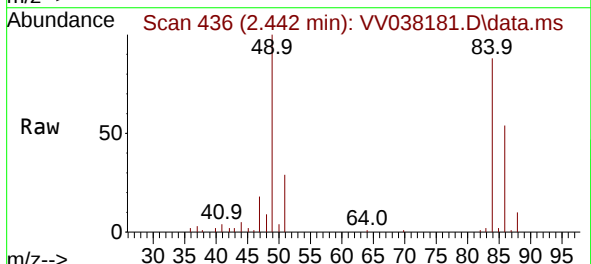
Instrument :
MSVOA_V
ClientSampleId :

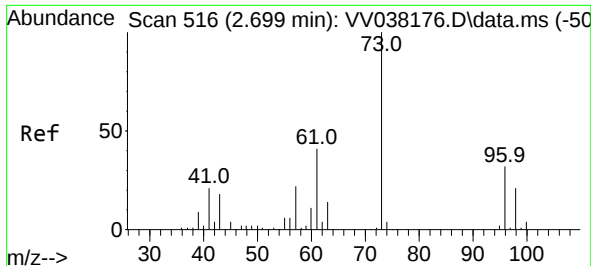
Tgt Ion: 43 Resp: 388
Ion Ratio Lower Upper
43 100
74 0.0 22.4 33.6#



#16
Methylene chloride
Concen: 1.040 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

Tgt Ion: 84 Resp: 20899
Ion Ratio Lower Upper
84 100
86 61.8 44.2 82.2
49 114.2 74.9 139.1

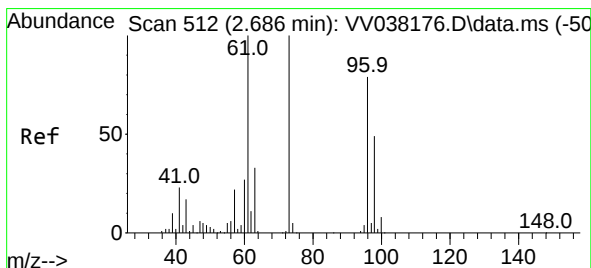
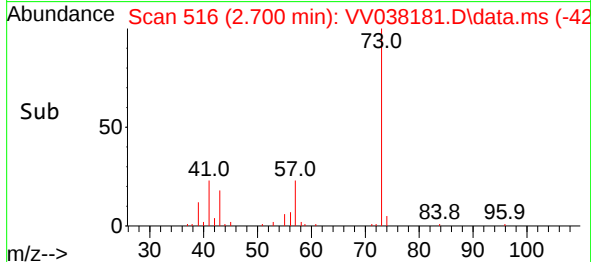
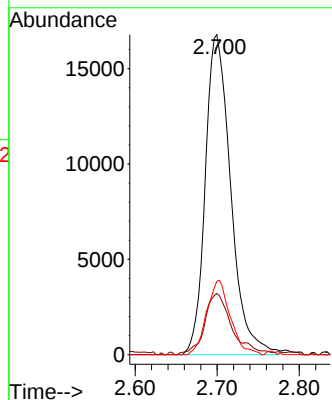
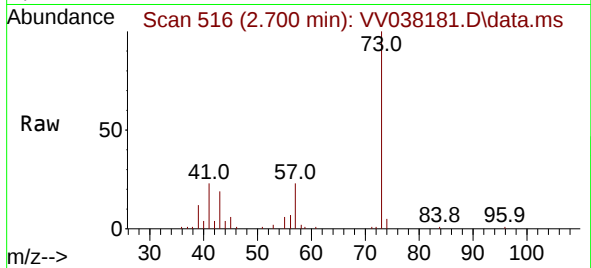




#17
Methyl tert-butyl Ether
Concen: 0.912 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

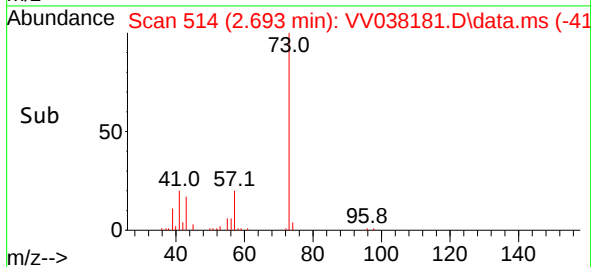
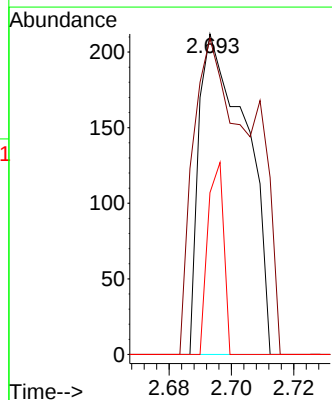
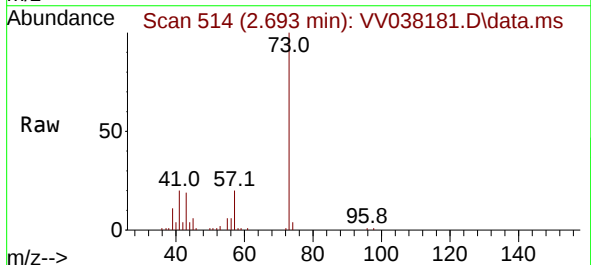
Instrument :
MSVOA_V
ClientSampleId :

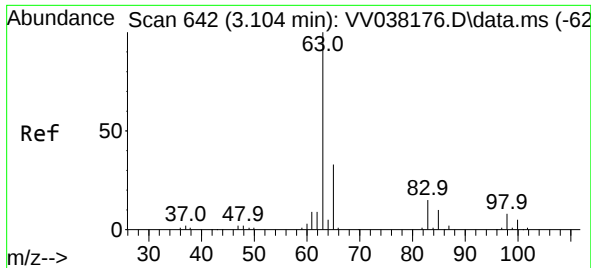
Tgt Ion: 73 Resp: 36335
Ion Ratio Lower Upper
73 100
43 20.4 14.2 21.2
57 21.5 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 0.012 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.007 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

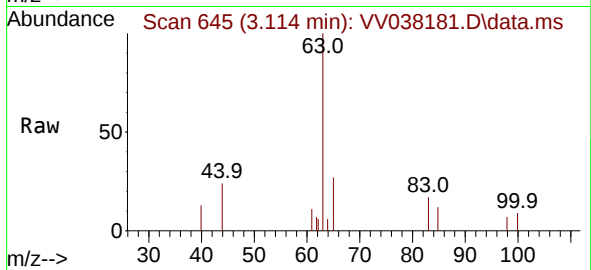
Tgt Ion: 96 Resp: 223
Ion Ratio Lower Upper
96 100
61 98.6 88.5 164.4
98 50.5 43.9 81.5



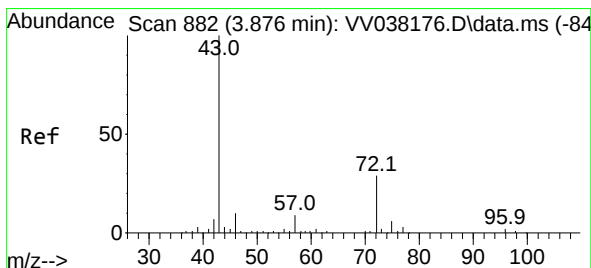
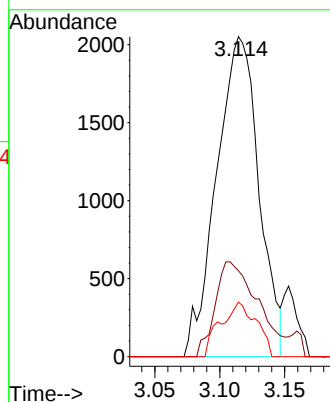
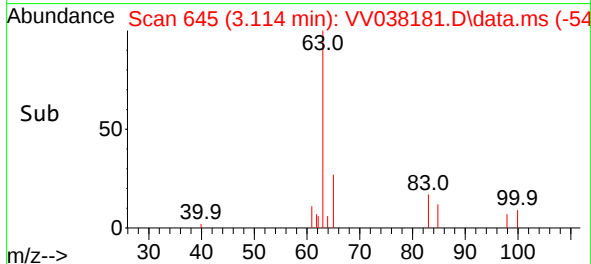


#19
1,1-Dichloroethane
Concen: 0.138 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.010 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

Instrument :
MSVOA_V
ClientSampleId :

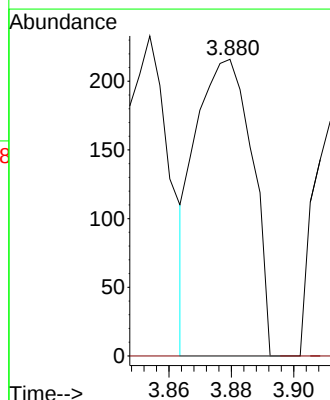
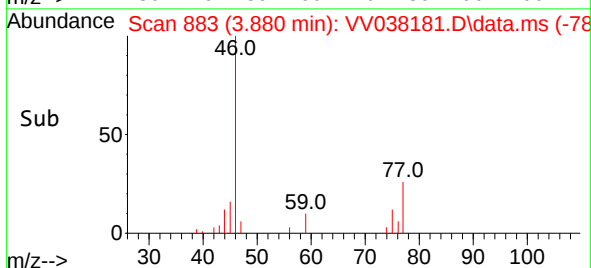
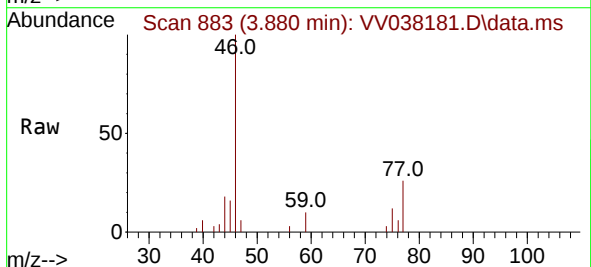


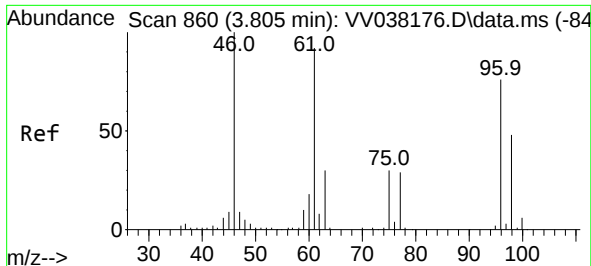
Tgt Ion: 63 Resp: 4648
Ion Ratio Lower Upper
63 100
65 26.8 22.5 41.7
83 17.0 10.1 18.9



#21
2-Butanone
Concen: 0.068 ug/L
RT: 3.880 min Scan# 883
Delta R.T. 0.003 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

Tgt Ion: 43 Resp: 273
Ion Ratio Lower Upper
43 100
72 0.0 13.0 39.0#





#22

cis-1,2-Dichloroethene

Concen: 0.093 ug/L

RT: 3.812 min Scan# 80

Delta R.T. 0.007 min

Lab File: VV038181.D

Acq: 19 Nov 2024 16:55

Instrument :

MSVOA_V

ClientSampleId :

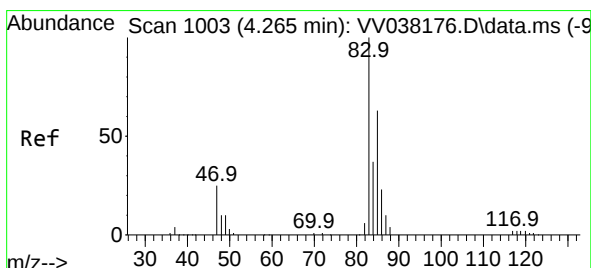
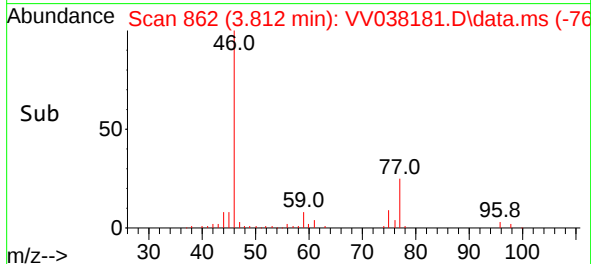
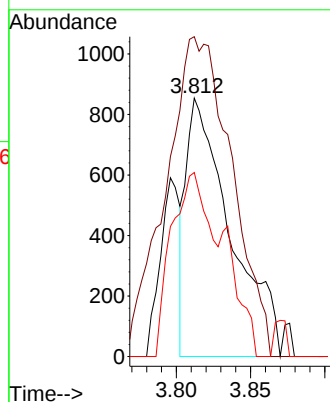
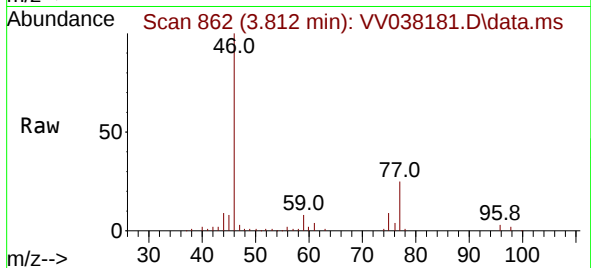
Tgt Ion: 96 Resp: 1778

Ion Ratio Lower Upper

96 100

61 123.8 82.7 153.5

98 71.2 46.3 85.9



#25

Chloroform

Concen: 0.338 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.010 min

Lab File: VV038181.D

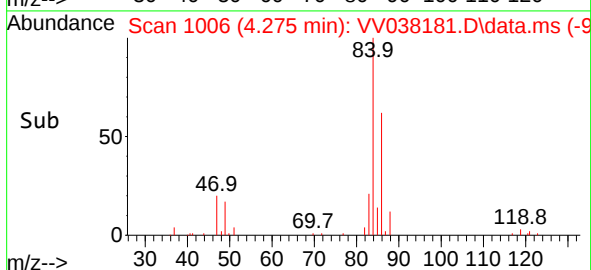
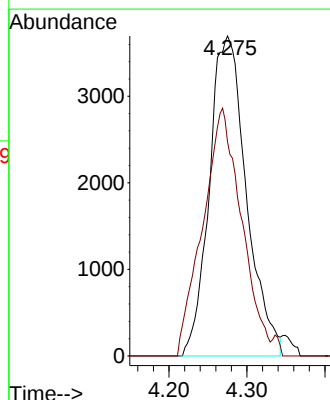
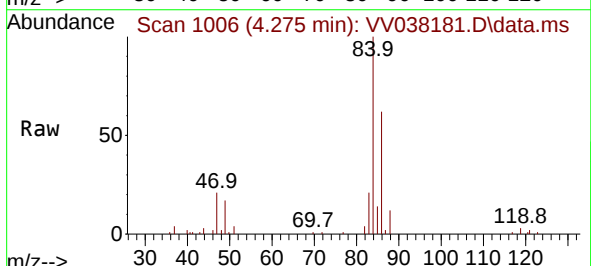
Acq: 19 Nov 2024 16:55

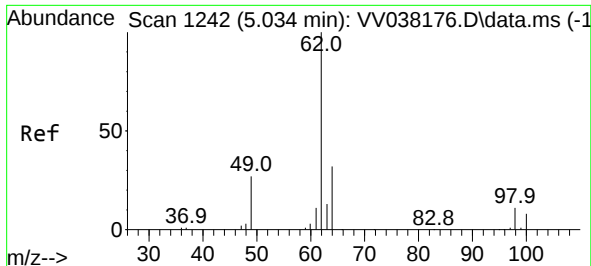
Tgt Ion: 83 Resp: 12185

Ion Ratio Lower Upper

83 100

85 66.9 46.5 86.3





#27

1,2-Dichloroethane

Concen: 0.052 ug/L

RT: 5.060 min Scan# 11

Delta R.T. 0.026 min

Lab File: VV038181.D

Acq: 19 Nov 2024 16:55

Instrument :

MSVOA_V

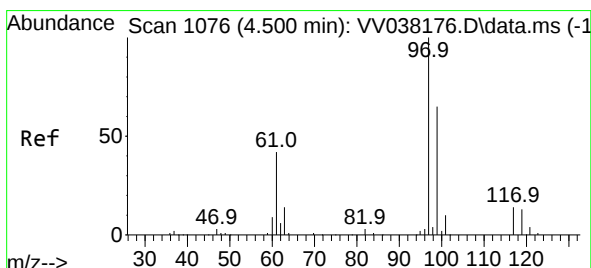
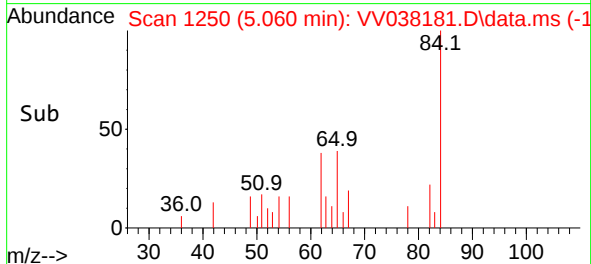
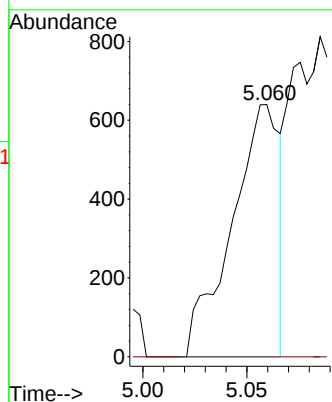
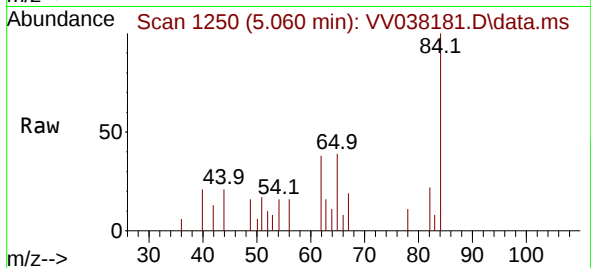
ClientSampleId :

Tgt Ion: 62 Resp: 1020

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#29

1,1,1-Trichloroethane

Concen: 0.599 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV038181.D

Acq: 19 Nov 2024 16:55

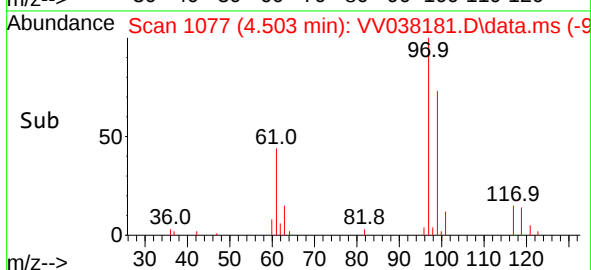
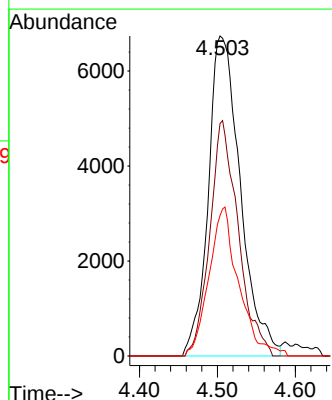
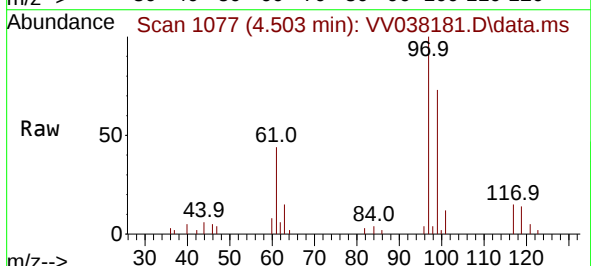
Tgt Ion: 97 Resp: 19297

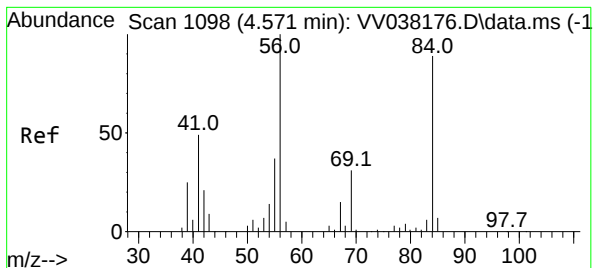
Ion Ratio Lower Upper

97 100

99 65.1 51.8 77.8

61 43.1 32.2 48.2





#30

Cyclohexane

Concen: 0.005 ug/L

RT: 4.564 min Scan# 110

Delta R.T. -0.006 min

Lab File: VV038181.D

Acq: 19 Nov 2024 16:55

Instrument :

MSVOA_V

ClientSampleId :

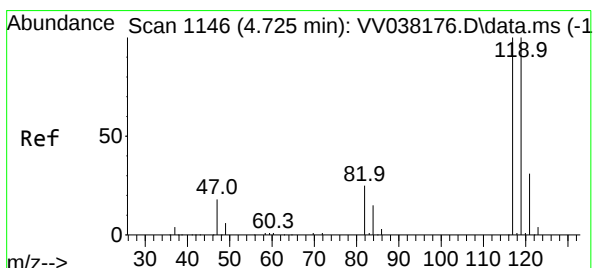
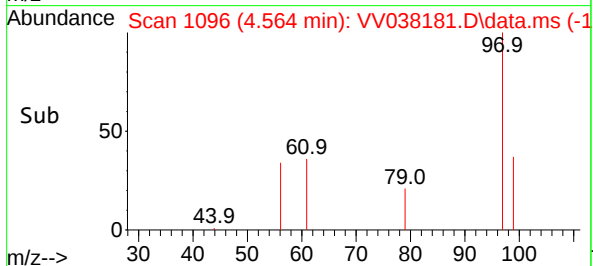
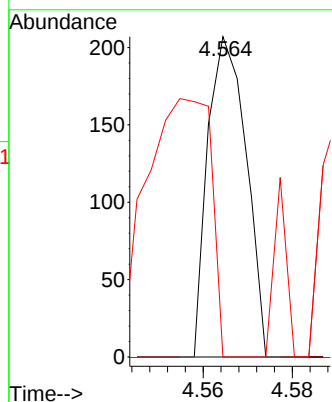
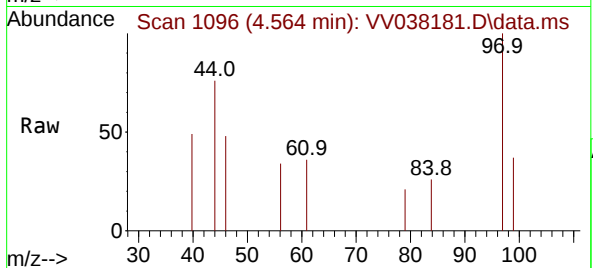
Tgt Ion: 56 Resp: 124

Ion Ratio Lower Upper

56 100

69 44.4 26.0 39.0#

84 569.4 75.6 113.4#



#31

Carbon tetrachloride

Concen: 0.004 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.003 min

Lab File: VV038181.D

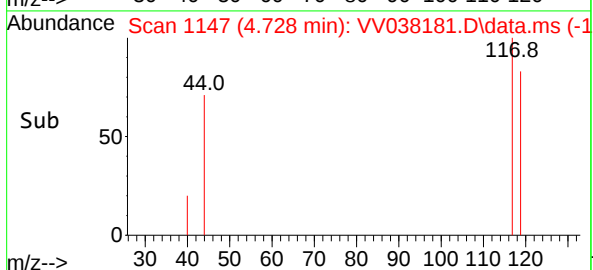
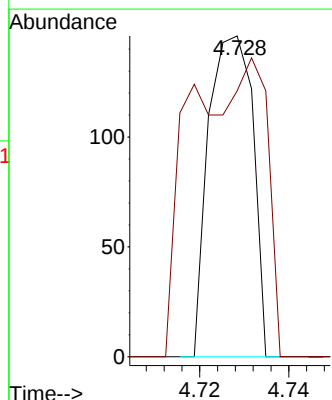
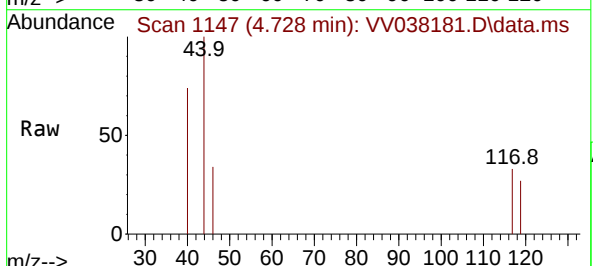
Acq: 19 Nov 2024 16:55

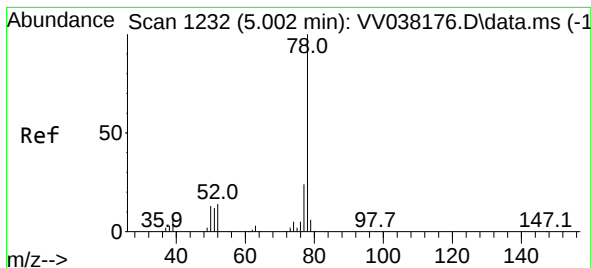
Tgt Ion: 117 Resp: 101

Ion Ratio Lower Upper

117 100

119 72.3 77.4 116.2#





#33

Benzene

Concen: 0.007 ug/L

RT: 5.018 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV038181.D

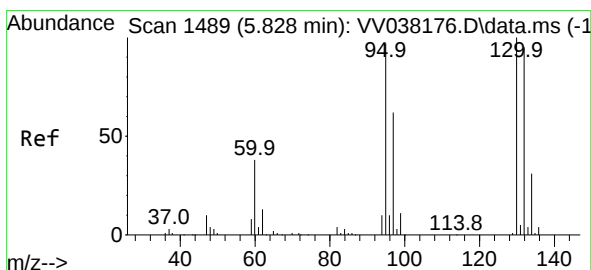
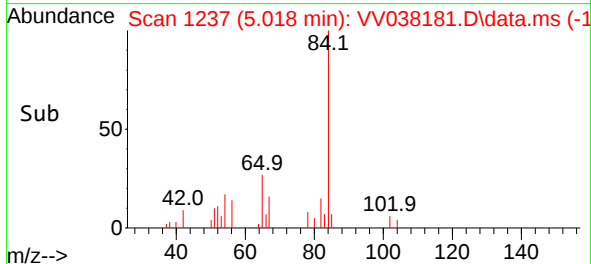
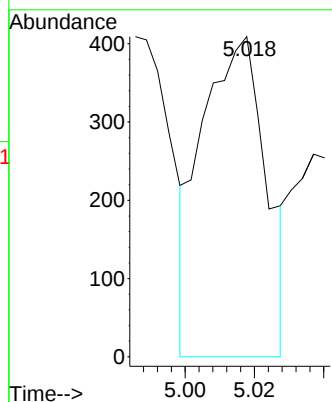
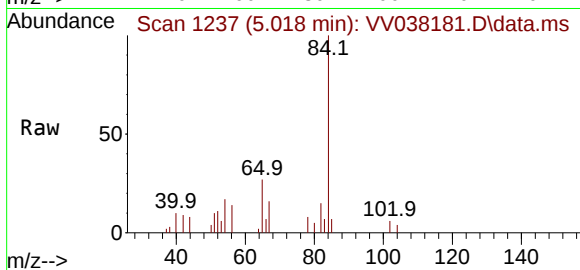
Acq: 19 Nov 2024 16:55

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 525



#34

Trichloroethene

Concen: 1.300 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.010 min

Lab File: VV038181.D

Acq: 19 Nov 2024 16:55

Tgt Ion: 95 Resp: 26755

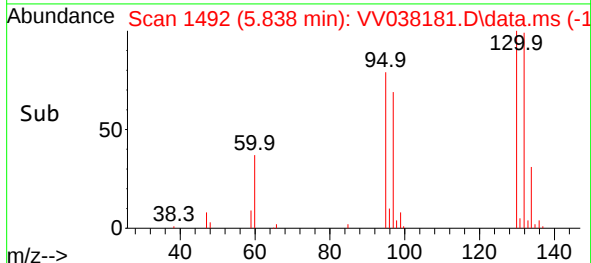
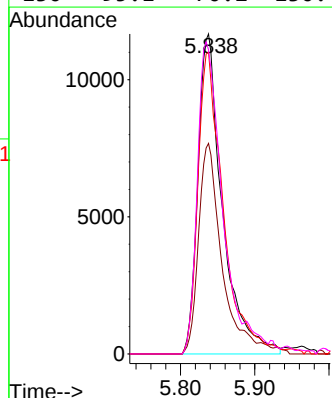
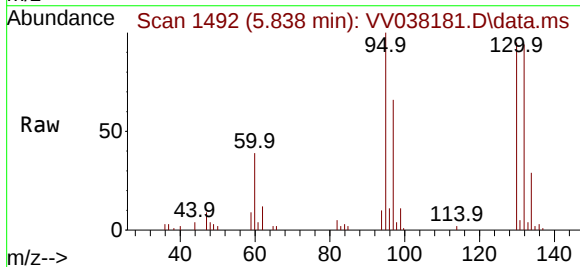
Ion Ratio Lower Upper

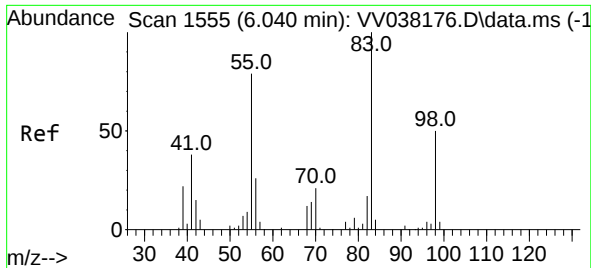
95 100

97 65.8 44.8 83.2

132 94.3 68.3 126.8

130 95.1 70.2 130.4

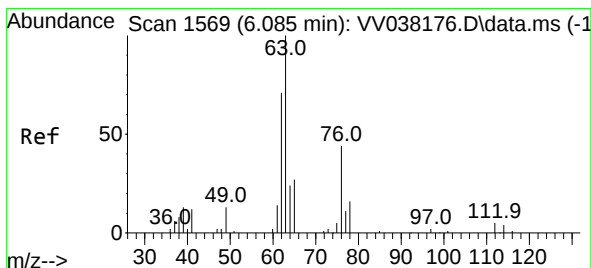
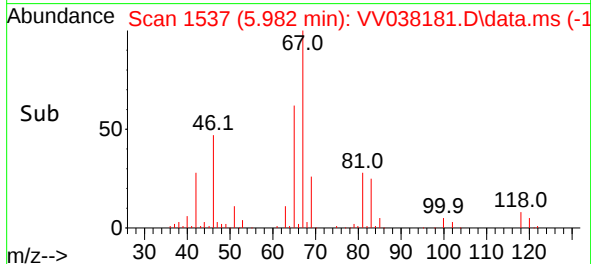
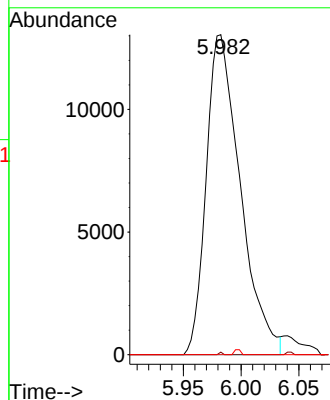
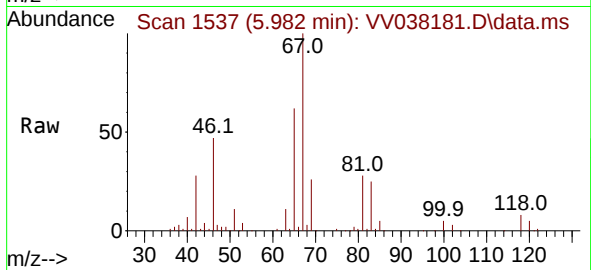




#35
Methylcyclohexane
Concen: 0.919 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

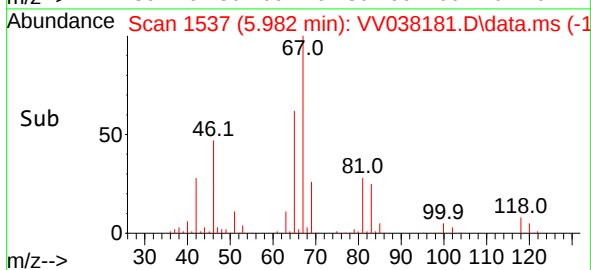
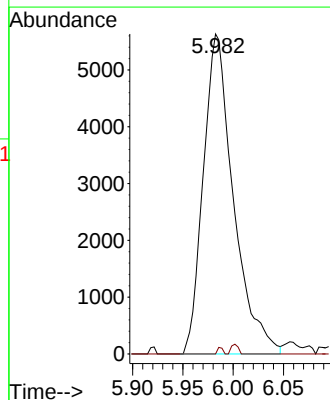
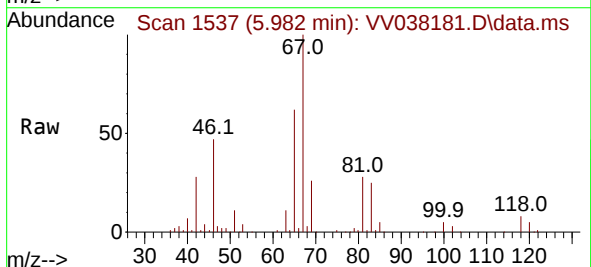
Instrument :
MSVOA_V
ClientSampleId :

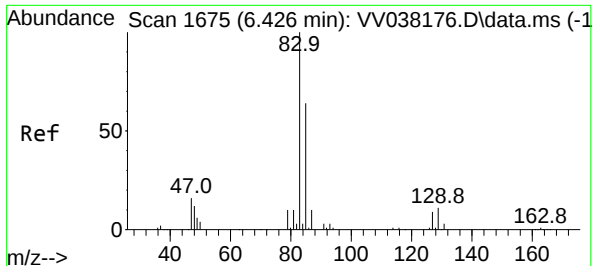
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.1	59.7	89.5#
98	0.3	39.0	58.4#



#37
1,2-Dichloropropane
Concen: 0.620 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.103 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

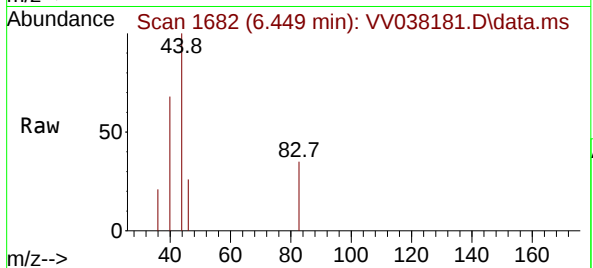
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.9	5.9#



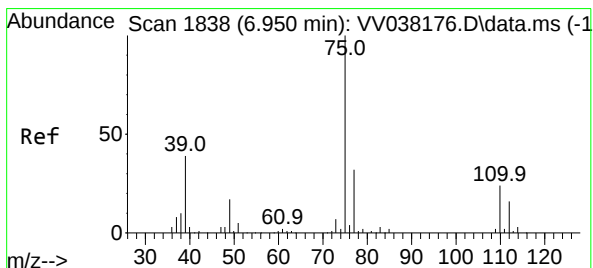
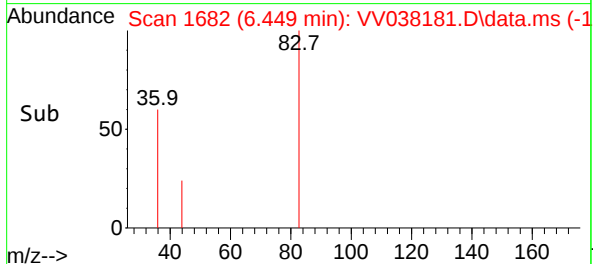
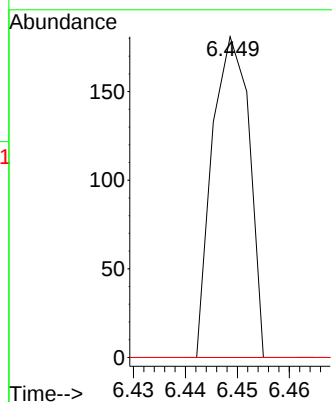


#38
Bromodichloromethane
Concen: 0.004 ug/L
RT: 6.449 min Scan# 1682
Delta R.T. 0.023 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

Instrument :
MSVOA_V
ClientSampleId :

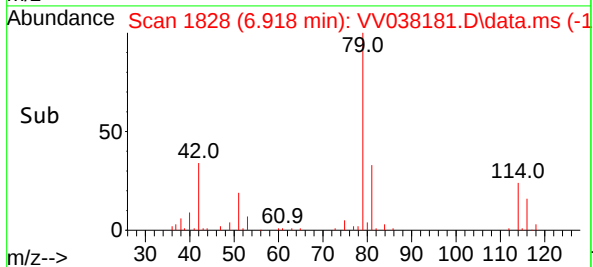
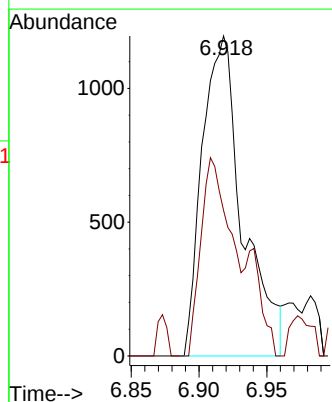
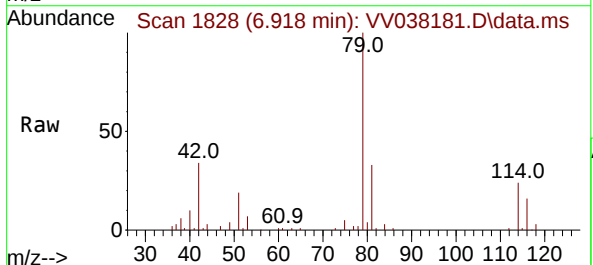


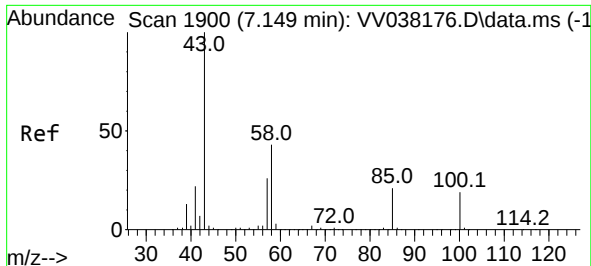
Tgt Ion: 83 Resp: 90
Ion Ratio Lower Upper
83 100
85 0.0 43.9 81.5#
127 0.0 6.7 10.1#



#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 6.918 min Scan# 1828
Delta R.T. -0.032 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

Tgt Ion: 75 Resp: 2478
Ion Ratio Lower Upper
75 100
77 45.5 23.4 43.6#





#40

4-Methyl-2-pentanone

Concen: 0.009 ug/L

RT: 7.114 min Scan# 1889

Delta R.T. -0.035 min

Lab File: VV038181.D

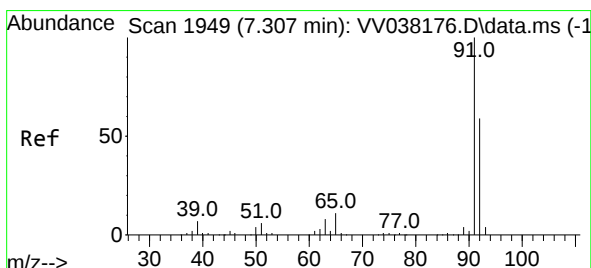
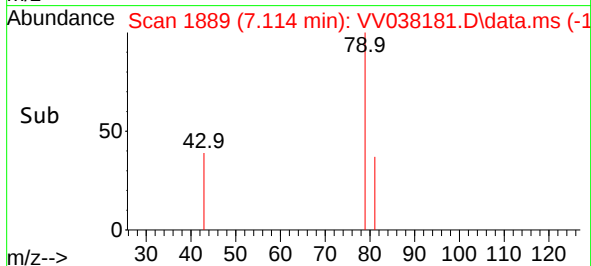
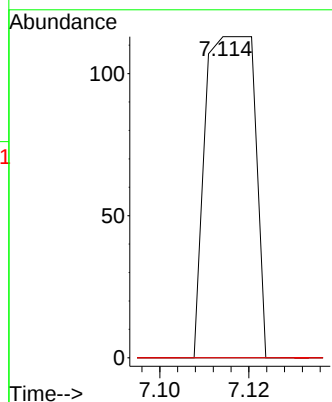
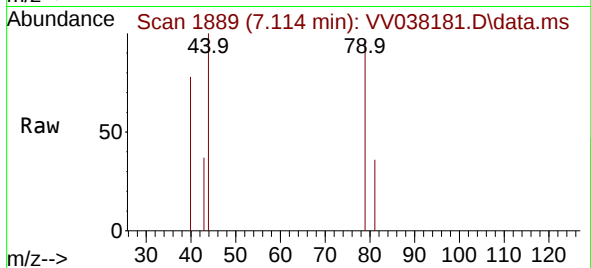
Acq: 19 Nov 2024 16:55

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	43	Resp:	86
Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.4	50.2#
100	0.0	14.3	21.5#



#42

Toluene

Concen: 0.162 ug/L

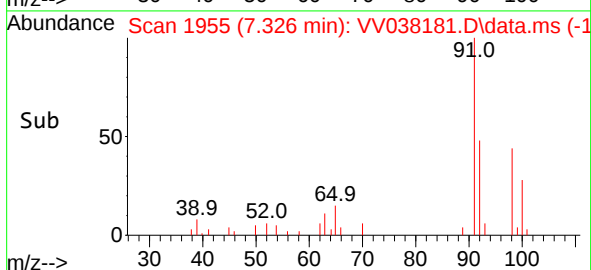
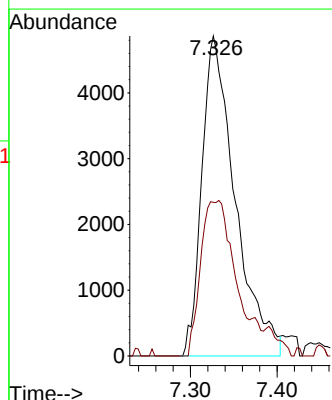
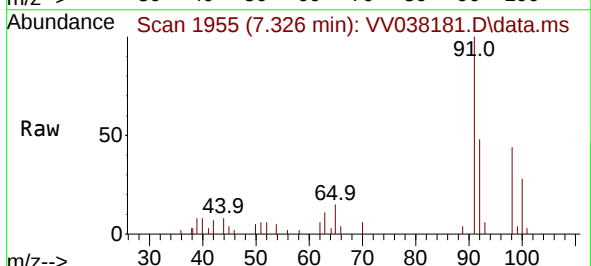
RT: 7.326 min Scan# 1955

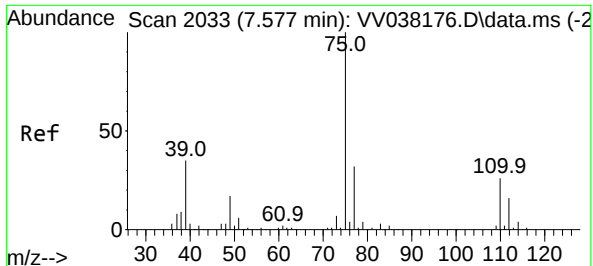
Delta R.T. 0.019 min

Lab File: VV038181.D

Acq: 19 Nov 2024 16:55

Tgt Ion:	91	Resp:	12989
Ion	Ratio	Lower	Upper
91	100		
92	48.0	40.8	75.8

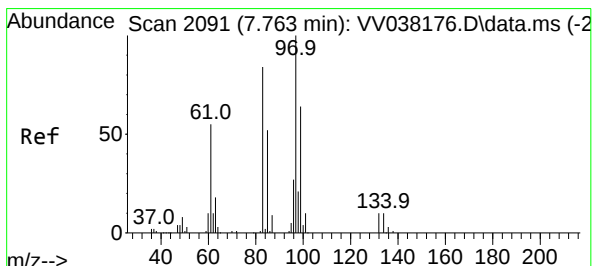
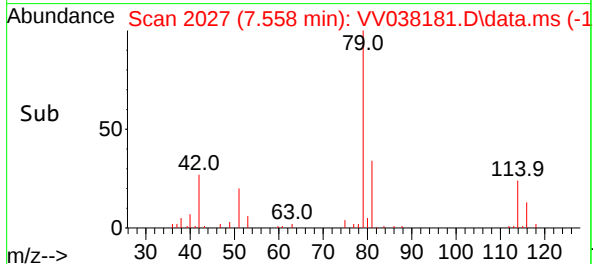
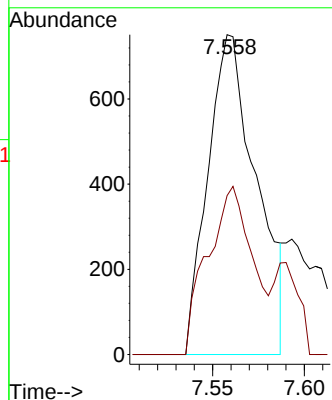
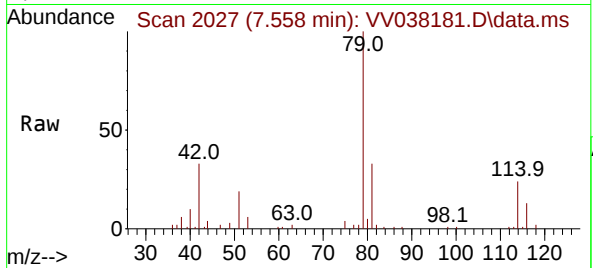




#44
trans-1,3-Dichloropropene
Concen: 0.062 ug/L
RT: 7.558 min Scan# 2033
Delta R.T. -0.019 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

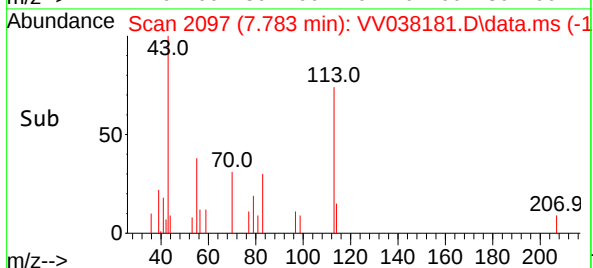
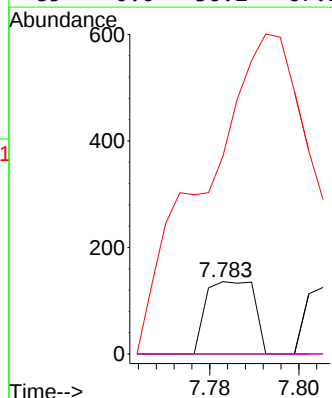
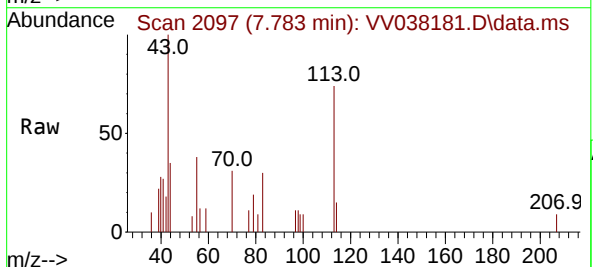
Instrument :
MSVOA_V
ClientSampleId :

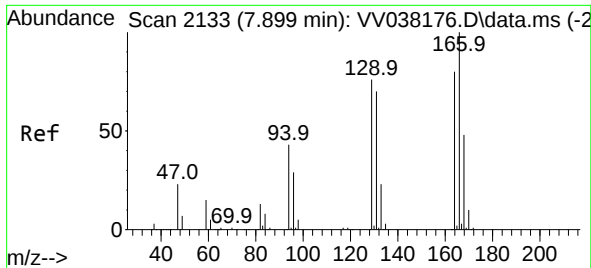
Tgt Ion: 75 Resp: 1376
Ion Ratio Lower Upper
75 100
77 49.7 23.4 43.4#



#45
1,1,2-Trichloroethane
Concen: 0.007 ug/L
RT: 7.783 min Scan# 2097
Delta R.T. 0.019 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

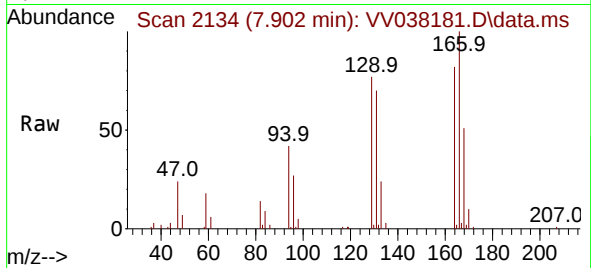
Tgt Ion: 97 Resp: 102
Ion Ratio Lower Upper
97 100
99 0.0 41.9 77.7#
83 272.8 57.7 107.1#
85 0.0 36.2 67.2#



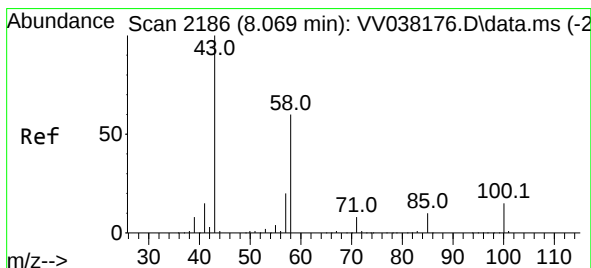
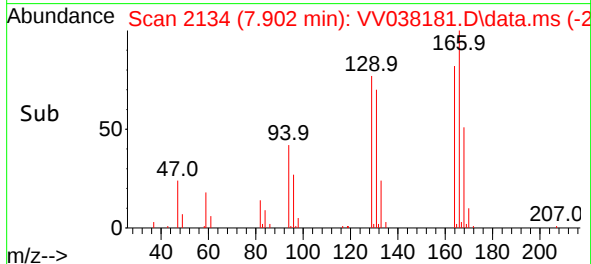
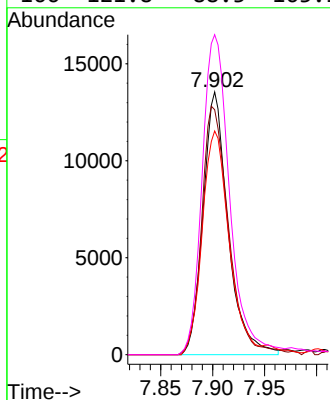


#47
Tetrachloroethene
Concen: 1.372 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

Instrument :
MSVOA_V
ClientSampleId :

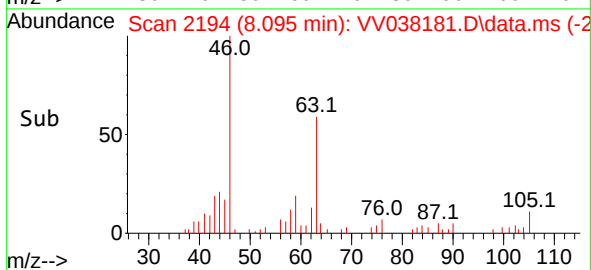
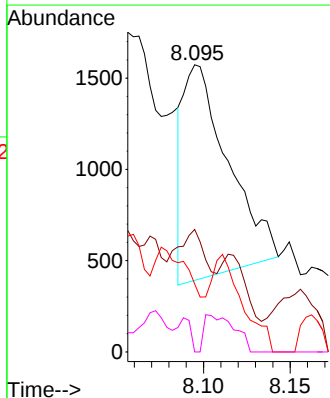
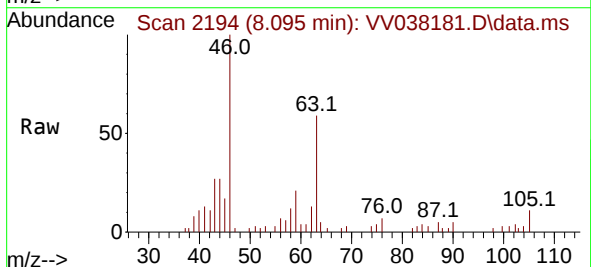


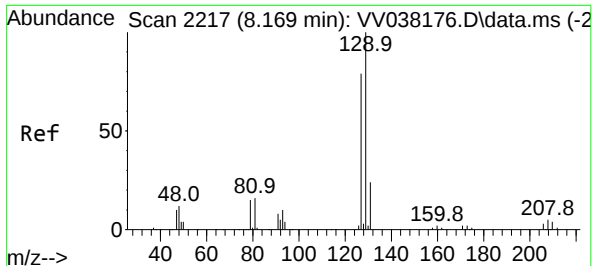
Tgt Ion:164 Resp: 22697
Ion Ratio Lower Upper
164 100
129 93.2 68.5 127.1
131 85.1 64.8 120.4
166 121.8 88.3 163.9



#48
2-Hexanone
Concen: 0.294 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. 0.026 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

Tgt Ion: 43 Resp: 2110
Ion Ratio Lower Upper
43 100
58 41.3 49.2 73.8#
57 0.0 16.9 25.3#
100 4.5 11.8 17.8#





#49

Dibromochloromethane

Concen: 1.320 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.270 min

Lab File: VV038181.D

Acq: 19 Nov 2024 16:55

Instrument :

MSVOA_V

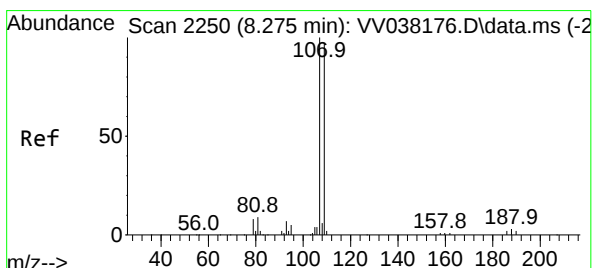
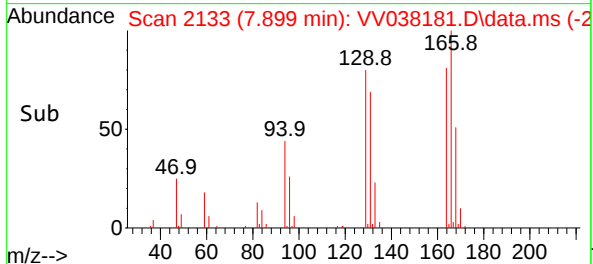
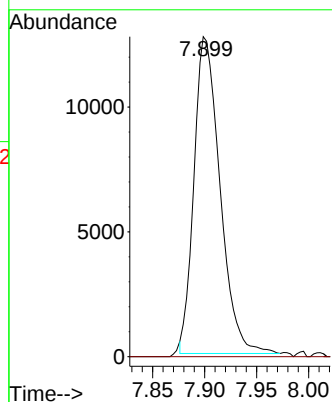
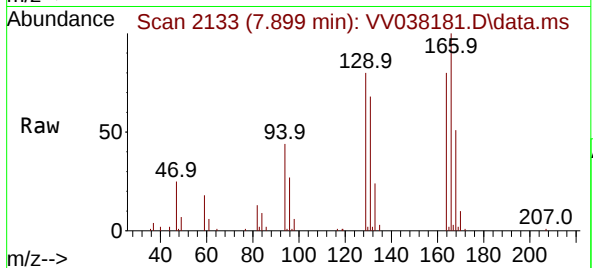
ClientSampleId :

Tgt Ion:129 Resp: 22073

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#50

1,2-Dibromoethane

Concen: 0.007 ug/L

RT: 8.014 min Scan# 2169

Delta R.T. -0.260 min

Lab File: VV038181.D

Acq: 19 Nov 2024 16:55

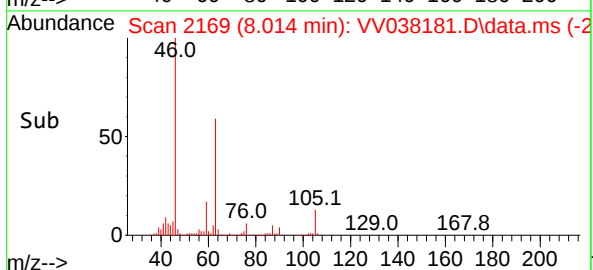
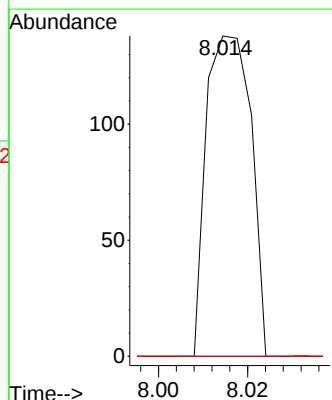
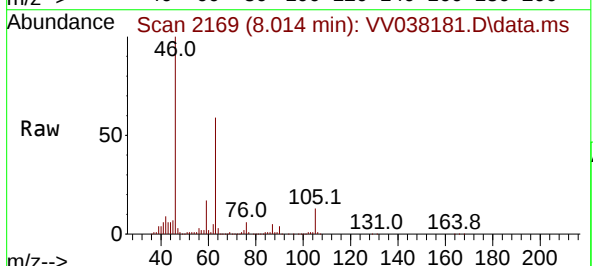
Tgt Ion:107 Resp: 96

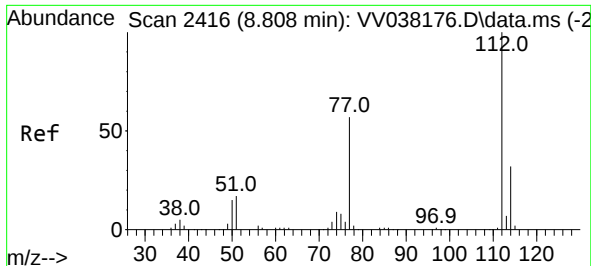
Ion Ratio Lower Upper

107 100

109 0.0 66.1 122.7#

188 0.0 2.6 3.8#

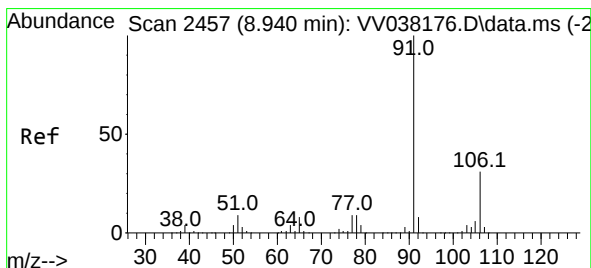
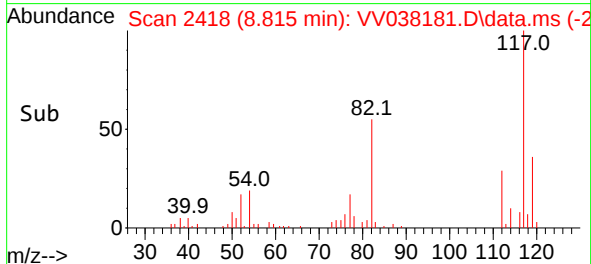
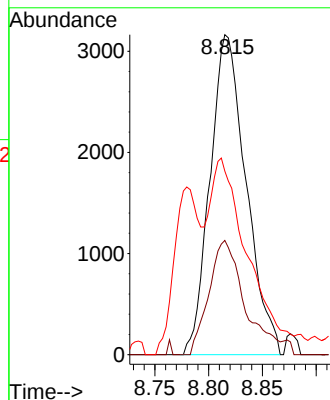
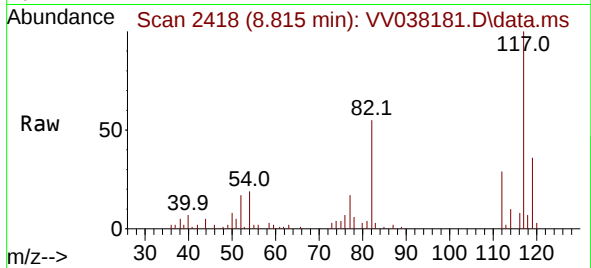




#51
Chlorobenzene
Concen: 0.134 ug/L
RT: 8.815 min Scan# 2416
Delta R.T. 0.007 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

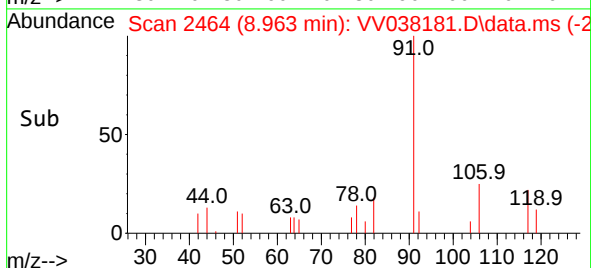
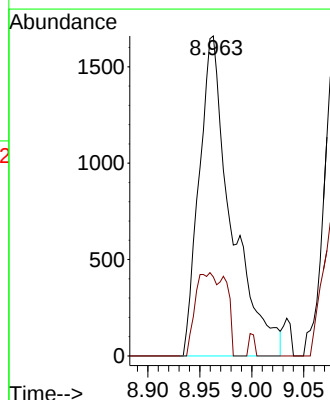
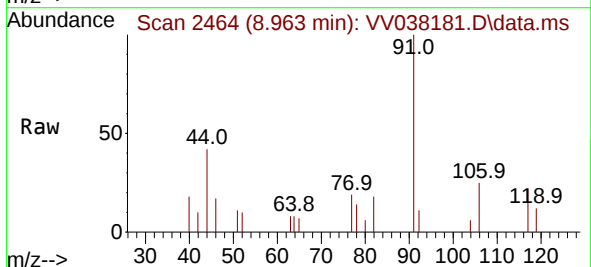
Instrument :
MSVOA_V
ClientSampleId :

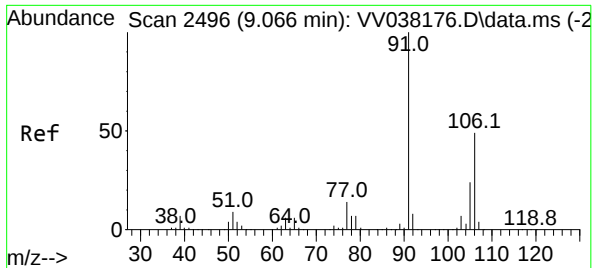
Tgt Ion:112 Resp: 7383
Ion Ratio Lower Upper
112 100
114 35.7 22.0 40.8
77 57.3 45.0 67.4



#52
Ethylbenzene
Concen: 0.042 ug/L
RT: 8.963 min Scan# 2464
Delta R.T. 0.023 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

Tgt Ion: 91 Resp: 3574
Ion Ratio Lower Upper
91 100
106 24.7 21.8 40.4





#53

m,p-Xylene

Concen: 0.059 ug/L

RT: 9.088 min Scan# 21

Delta R.T. 0.023 min

Lab File: VV038181.D

Acq: 19 Nov 2024 16:55

Instrument :

MSVOA_V

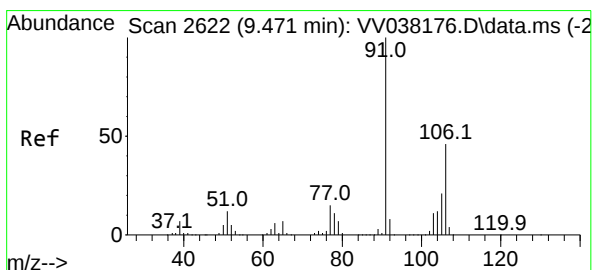
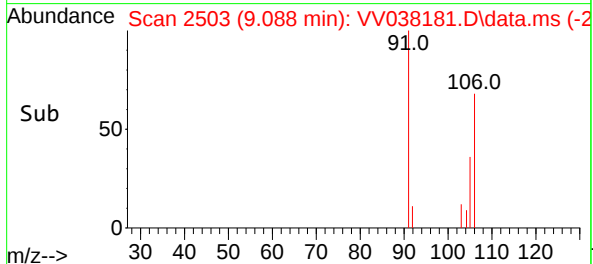
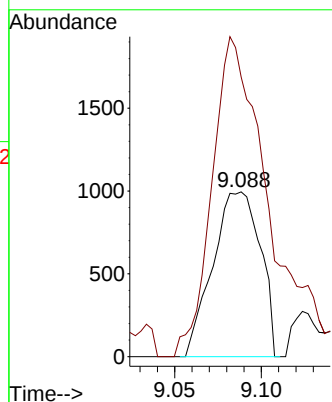
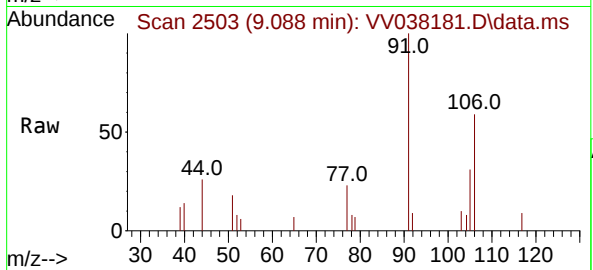
ClientSampleId :

Tgt Ion:106 Resp: 1900

Ion Ratio Lower Upper

106 100

91 169.7 138.7 257.5



#54

o-Xylene

Concen: 0.005 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.023 min

Lab File: VV038181.D

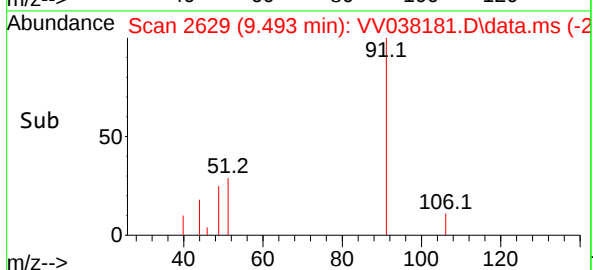
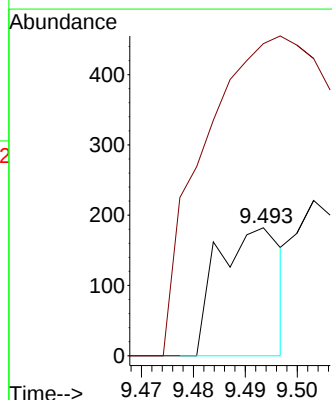
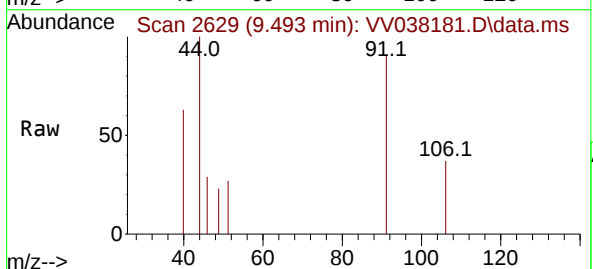
Acq: 19 Nov 2024 16:55

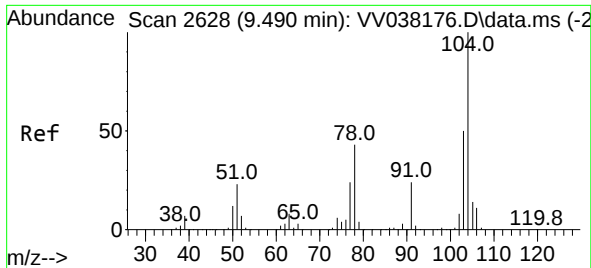
Tgt Ion:106 Resp: 154

Ion Ratio Lower Upper

106 100

91 244.0 155.5 288.7

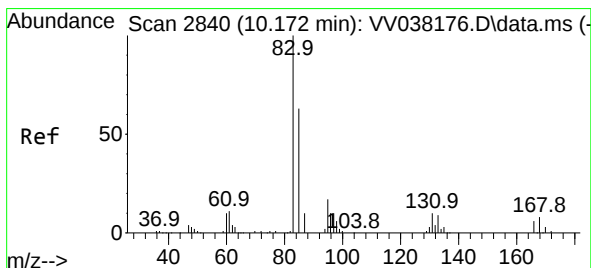
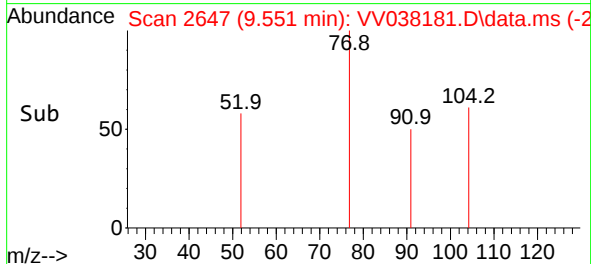
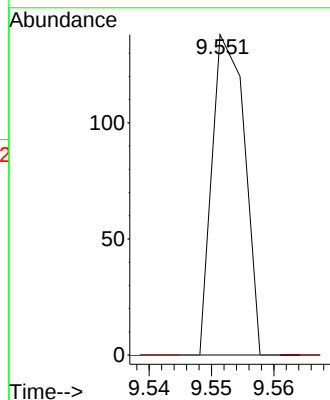
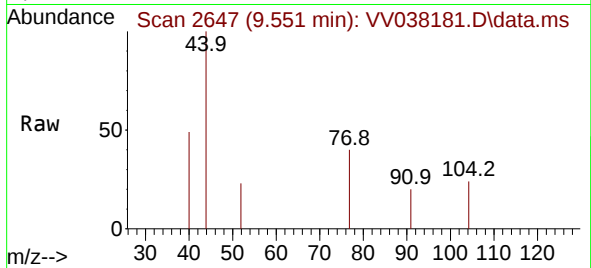




#55
Styrene
Concen: 0.001 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.061 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

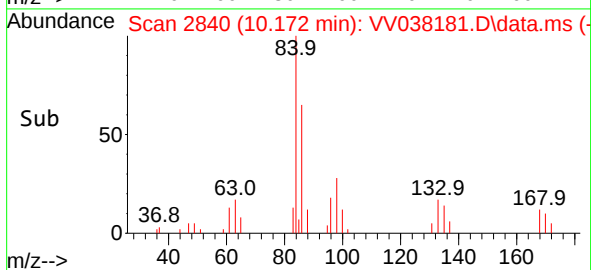
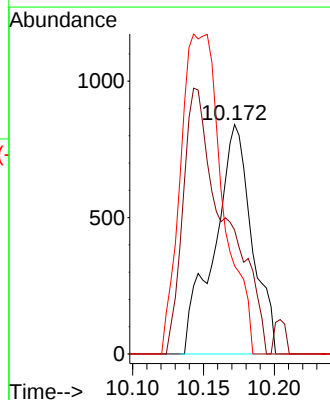
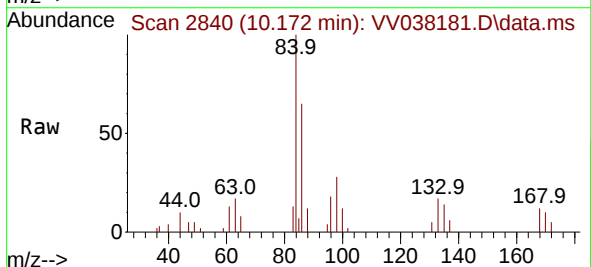
Instrument :
MSVOA_V
ClientSampleId :

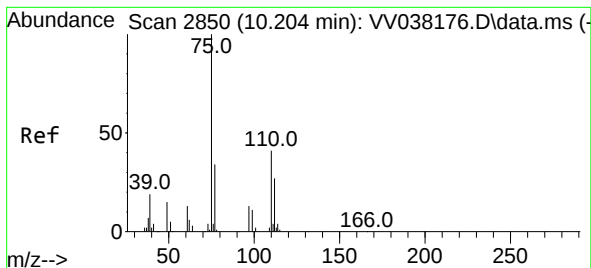
Tgt Ion:104 Resp: 50
Ion Ratio Lower Upper
104 100
78 0.0 29.7 55.1#



#57
1,1,2,2-Tetrachloroethane
Concen: 0.087 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

Tgt Ion: 83 Resp: 1554
Ion Ratio Lower Upper
83 100
85 54.0 45.7 84.9
131 38.4 8.2 12.4#





#61

1,2,3-Trichloropropane

Concen: 1.359 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.974 min

Lab File: VV038181.D

Acq: 19 Nov 2024 16:55

Instrument :

MSVOA_V

ClientSampleId :

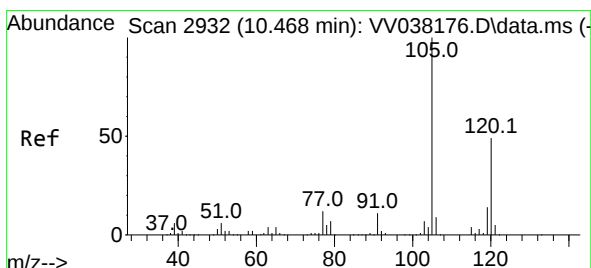
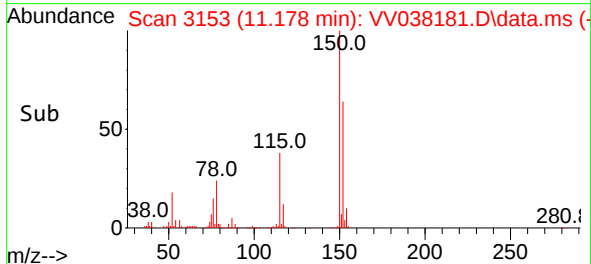
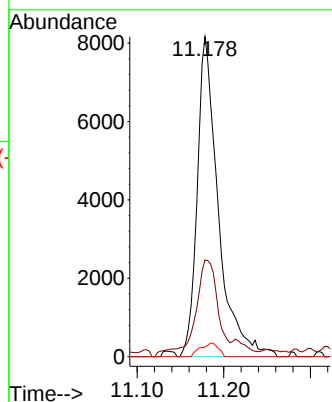
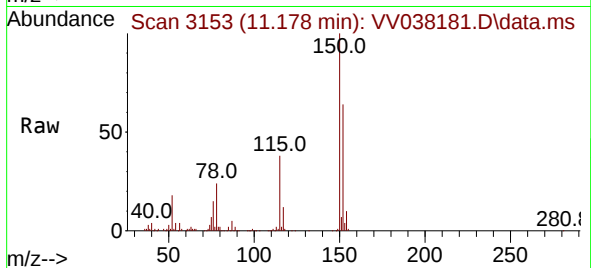
Tgt Ion: 75 Resp: 13773

Ion Ratio Lower Upper

75 100

77 32.5 26.4 39.6

110 3.6 32.3 48.5#



#62

1,3,5-Trimethylbenzene

Concen: 0.006 ug/L

RT: 10.487 min Scan# 2938

Delta R.T. 0.020 min

Lab File: VV038181.D

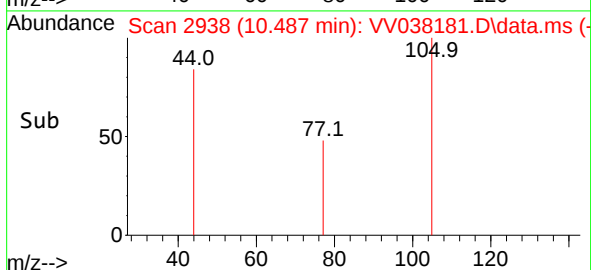
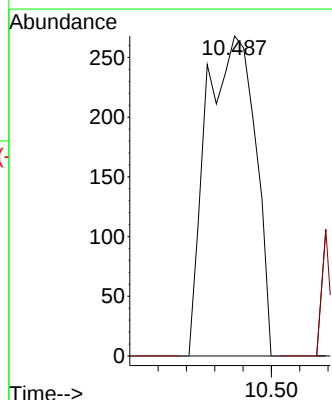
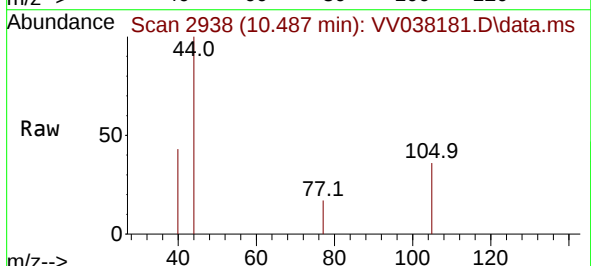
Acq: 19 Nov 2024 16:55

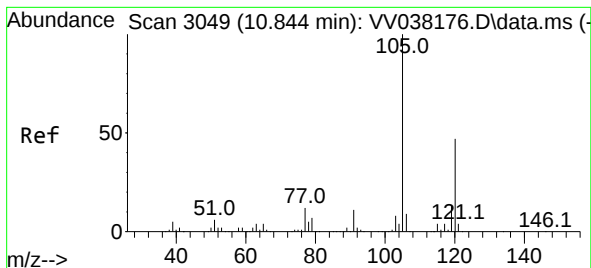
Tgt Ion: 105 Resp: 320

Ion Ratio Lower Upper

105 100

120 0.0 39.2 58.8#





#63

1,2,4-Trimethylbenzene

Concen: 0.008 ug/L

RT: 10.870 min Scan# 3057

Delta R.T. 0.026 min

Lab File: VV038181.D

Acq: 19 Nov 2024 16:55

Instrument :

MSVOA_V

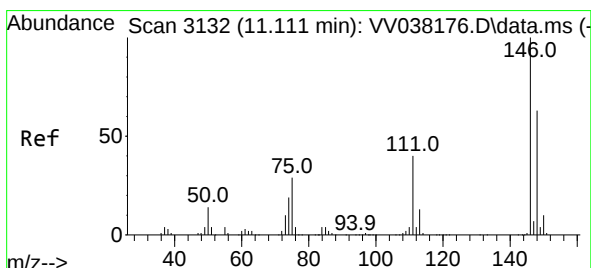
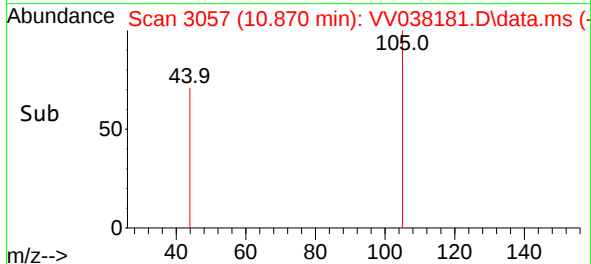
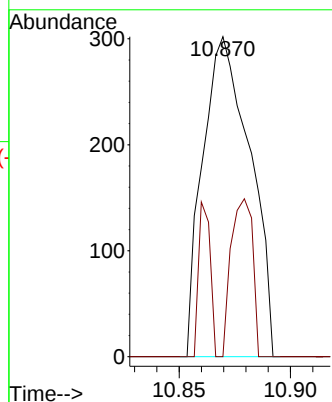
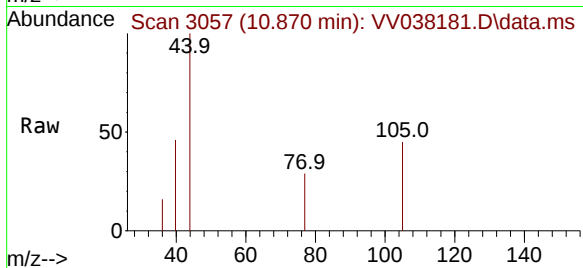
ClientSampleId :

Tgt Ion:105 Resp: 445

Ion Ratio Lower Upper

105 100

120 22.5 37.0 55.4#



#64

1,3-Dichlorobenzene

Concen: 0.003 ug/L

RT: 11.127 min Scan# 3137

Delta R.T. 0.016 min

Lab File: VV038181.D

Acq: 19 Nov 2024 16:55

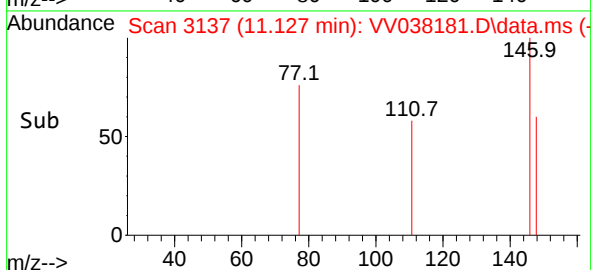
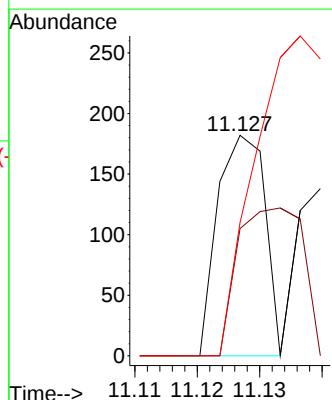
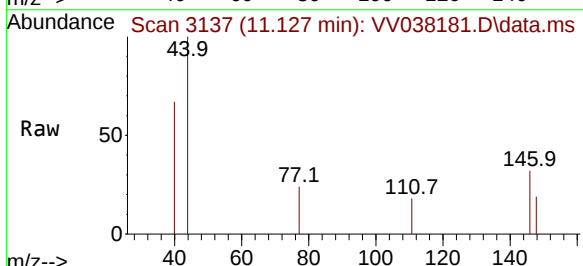
Tgt Ion:146 Resp: 95

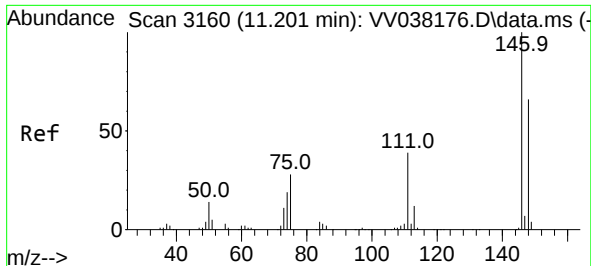
Ion Ratio Lower Upper

146 100

111 57.7 28.2 52.4#

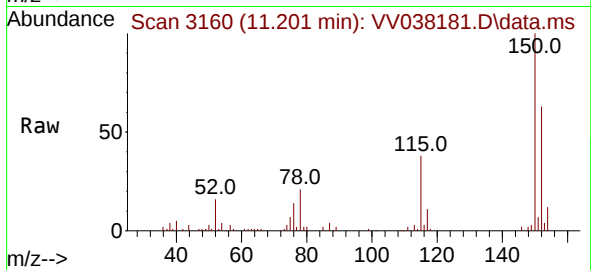
148 60.4 44.2 82.2



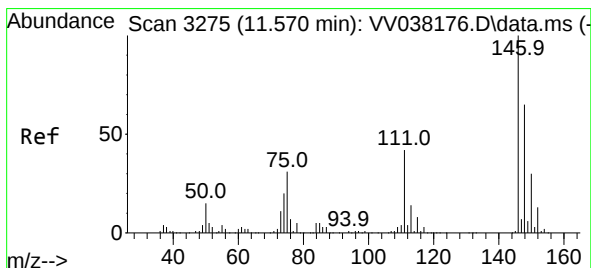
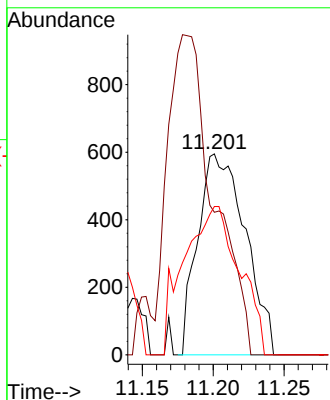
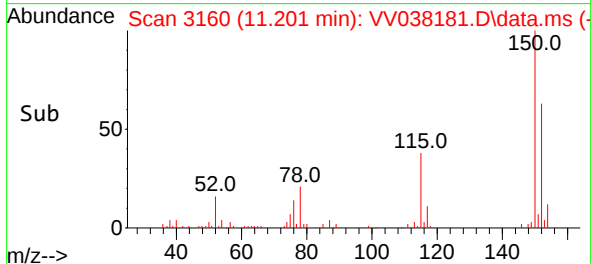


#65
1,4-Dichlorobenzene
Concen: 0.037 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

Instrument :
MSVOA_V
ClientSampleId :

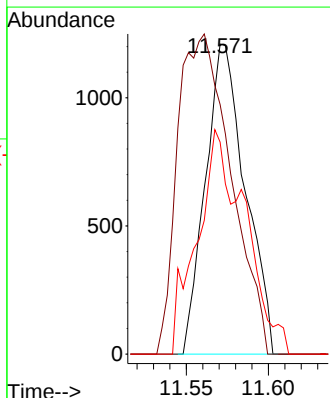
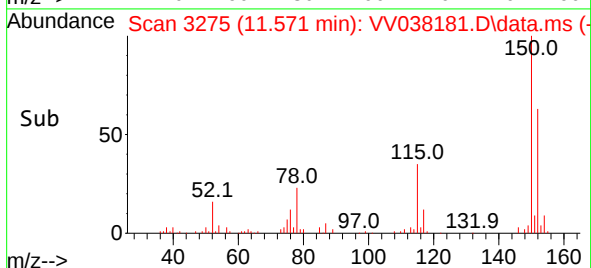
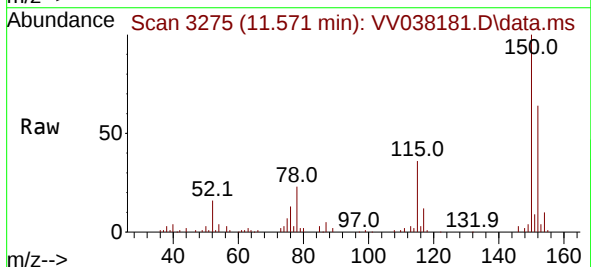


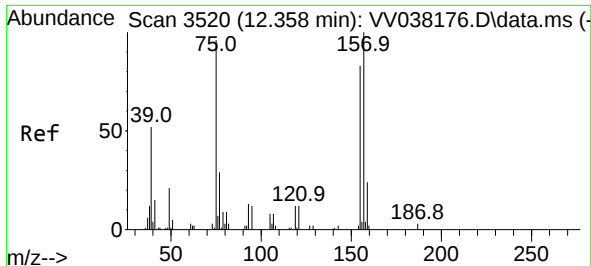
Tgt Ion:146 Resp: 1386
Ion Ratio Lower Upper
146 100
111 70.9 27.4 50.8#
148 73.8 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 0.060 ug/L
RT: 11.571 min Scan# 3275
Delta R.T. 0.000 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

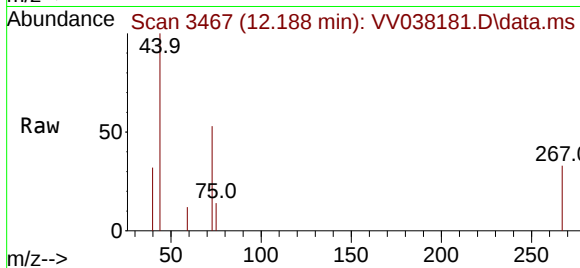
Tgt Ion:146 Resp: 2045
Ion Ratio Lower Upper
146 100
111 80.5 34.2 51.2#
148 68.3 51.0 76.4



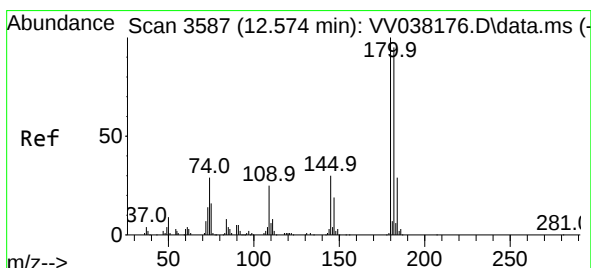
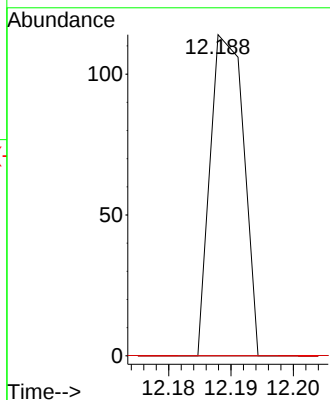
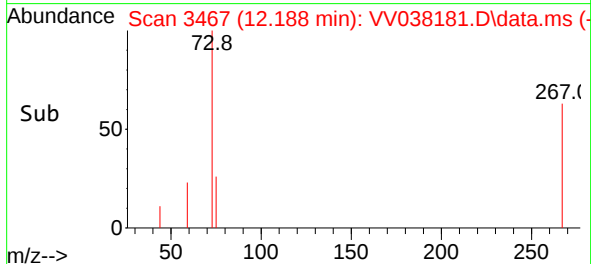


#68
1,2-Dibromo-3-chloropropane
Concen: 0.018 ug/L
RT: 12.188 min Scan# 3467
Delta R.T. -0.170 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55

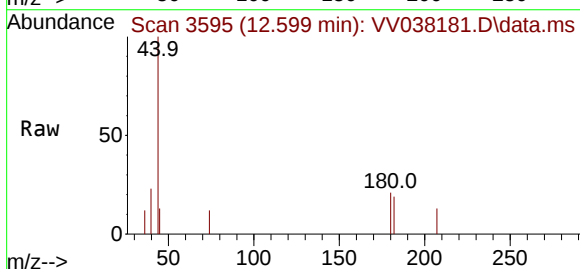
Instrument :
MSVOA_V
ClientSampleId :



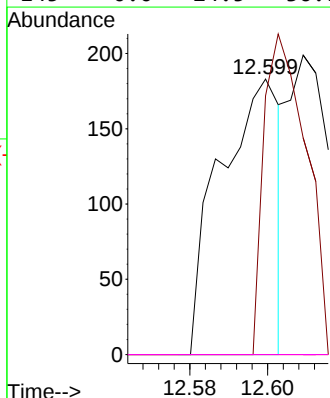
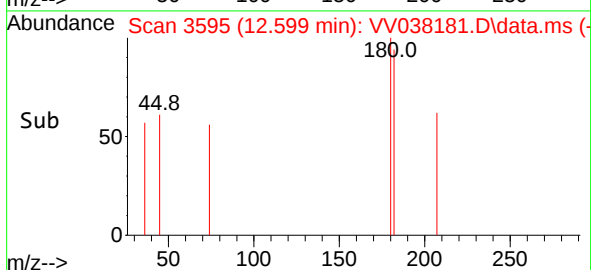
Tgt Ion: 75 Resp: 42
Ion Ratio Lower Upper
75 100
155 0.0 67.5 101.3#
157 0.0 82.7 124.1#

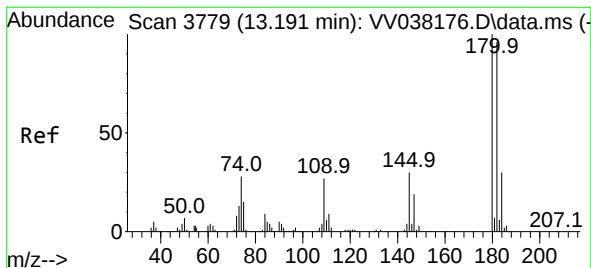


#69
1,3,5-Trichlorobenzene
Concen: 0.008 ug/L
RT: 12.599 min Scan# 3595
Delta R.T. 0.026 min
Lab File: VV038181.D
Acq: 19 Nov 2024 16:55



Tgt Ion: 180 Resp: 195
Ion Ratio Lower Upper
180 100
182 82.1 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: 13.223 min Scan# 31

Delta R.T. 0.032 min

Lab File: VV038181.D

Acq: 19 Nov 2024 16:55

Instrument :

MSVOA_V

ClientSampleId :

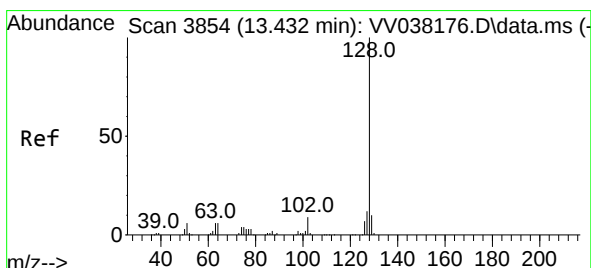
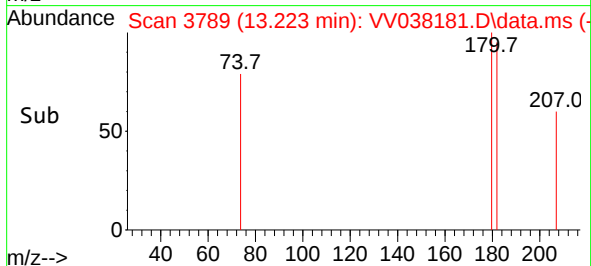
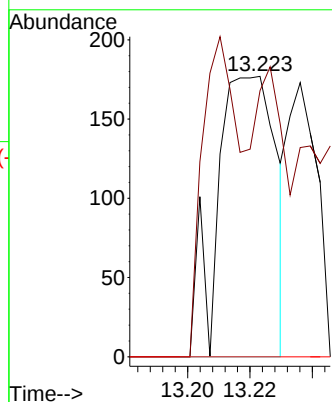
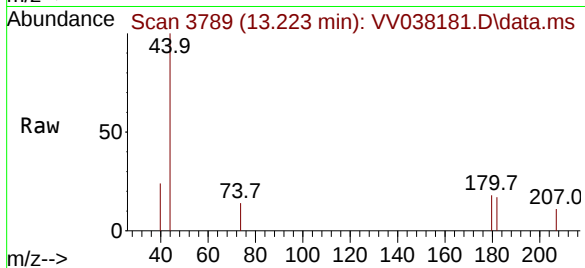
Tgt Ion:180 Resp: 231

Ion Ratio Lower Upper

180 100

182 28.1 73.8 110.8#

145 0.0 24.6 37.0#



#71

Naphthalene

Concen: 0.008 ug/L

RT: 13.474 min Scan# 3867

Delta R.T. 0.042 min

Lab File: VV038181.D

Acq: 19 Nov 2024 16:55

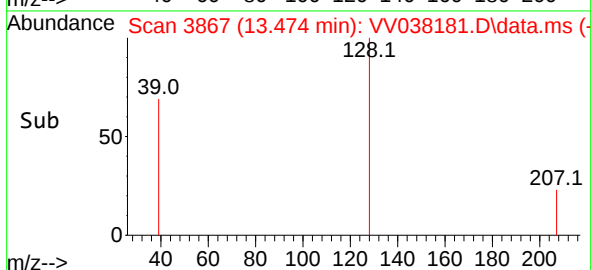
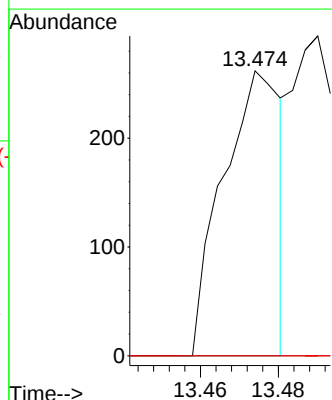
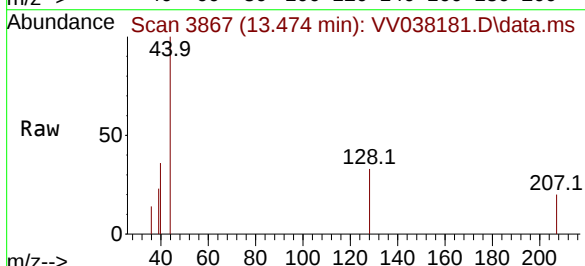
Tgt Ion:128 Resp: 270

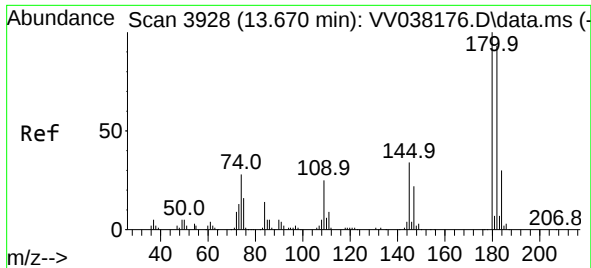
Ion Ratio Lower Upper

128 100

129 0.0 8.5 12.7#

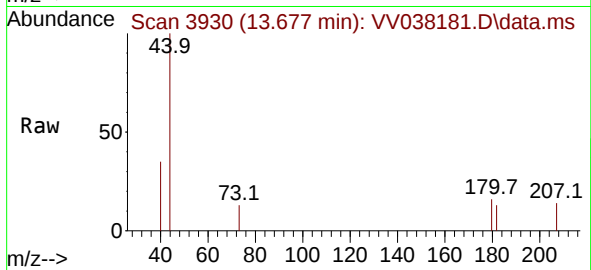
127 0.0 10.1 15.1#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.003 ug/L
 RT: 13.677 min Scan# 3928
 Delta R.T. 0.007 min
 Lab File: VV038181.D
 Acq: 19 Nov 2024 16:55

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 55
 Ion Ratio Lower Upper
 180 100
 182 272.7 75.1 112.7#
 145 0.0 27.0 40.4#

