

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038237.D
 Acq On : 21 Nov 2024 13:34
 Operator : SY/MD
 Sample : P4883-18
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 01:45:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 01:41:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	262907	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	285591	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	121894	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	71387	3.543	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.529	69	71692	4.398	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.053	65	34935	4.029	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	3.776	46	191079	47.400	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.800%
24) Chloroform-d	4.239	84	171004	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	4.937	65	85976	4.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	4.950	84	301530	4.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	5.982	67	102190	4.499	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.239	98	242304	3.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	7.558	79	32016	3.791	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.017	63	162131	49.392	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.780%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	89577	4.646	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	102189	4.920	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	23003	1.074	ug/L	96
9) Trichlorofluoromethane	1.709	101	4931	0.143	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	3902	0.198	ug/L #	76
13) Acetone	2.108	43	32622	10.942	ug/L	99
15) Methyl Acetate	2.223	43	2922	0.404	ug/L #	48
16) Methylene chloride	2.442	84	11309	0.528	ug/L	99
17) Methyl tert-butyl Ether	2.699	73	10412	0.245	ug/L	96
22) cis-1,2-Dichloroethene	3.809	96	19295	0.943	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	21791	0.636	ug/L	96
34) Trichloroethene	5.825	95	303609	13.884	ug/L	97
35) Methylcyclohexane	5.982	83	26158	0.846	ug/L #	19
42) Toluene	7.326	91	14747	0.174	ug/L	99
47) Tetrachloroethene	7.898	164	97621	5.555	ug/L	98
49) Dibromochloromethane	7.898	129	89655	5.046	ug/L #	11
51) Chlorobenzene	8.812	112	7793	0.133	ug/L	92
53) m,p-Xylene	9.085	106	2385	0.070	ug/L	90
61) 1,2,3-Trichloropropane	11.178	75	13308	1.275	ug/L #	65

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 22 01:41:27 2024
Response via : Initial Calibration

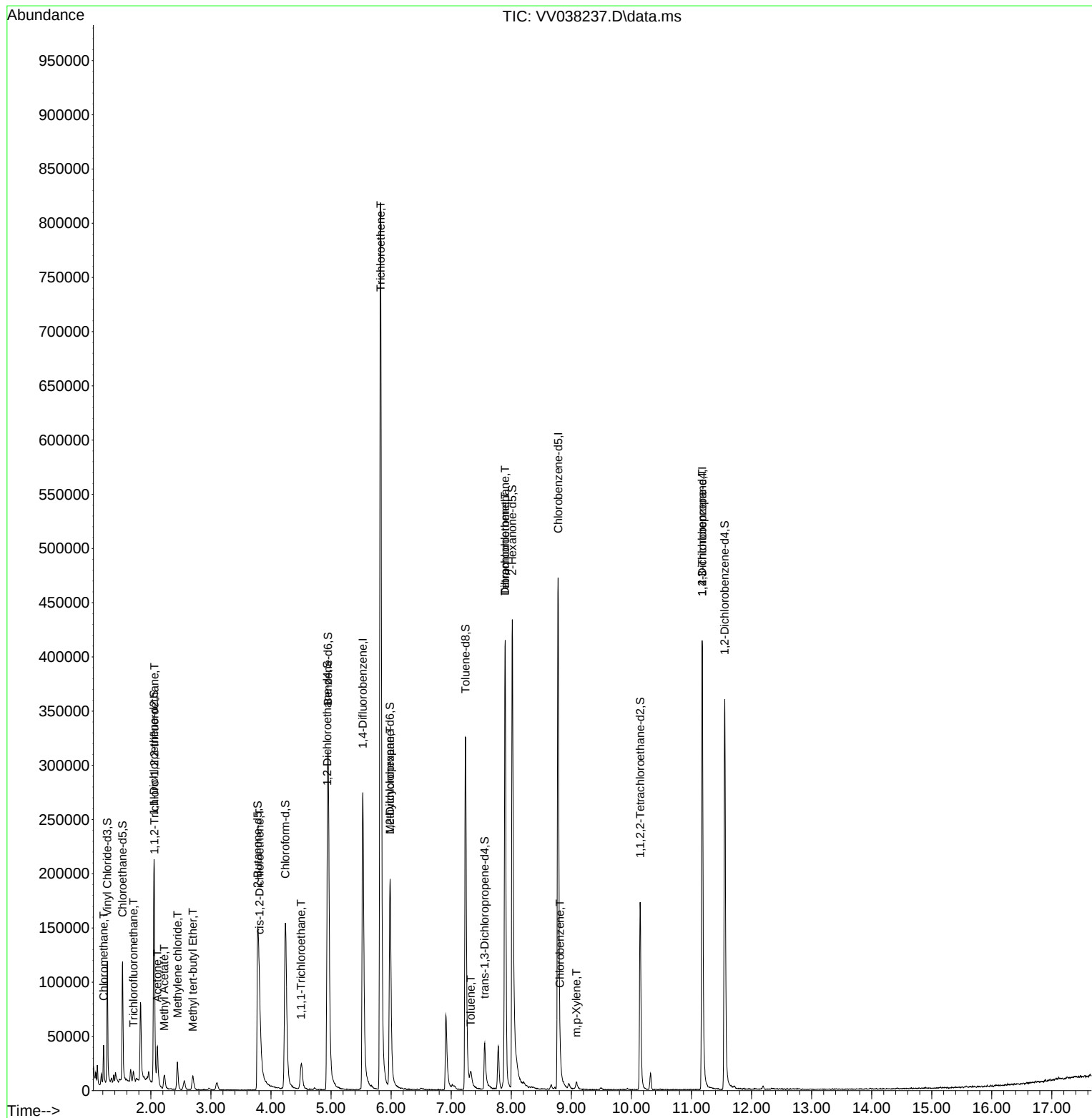
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

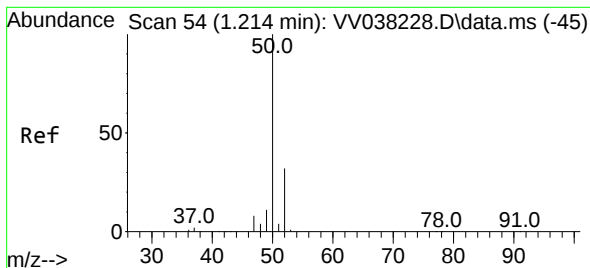
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#3

Chloromethane

Concen: 1.074 ug/L

RT: 1.214 min Scan# 54

Delta R.T. -0.000 min

Lab File: VV038237.D

Acq: 21 Nov 2024 13:34

Instrument :

MSVOA_V

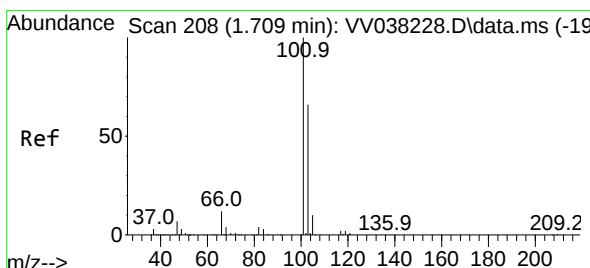
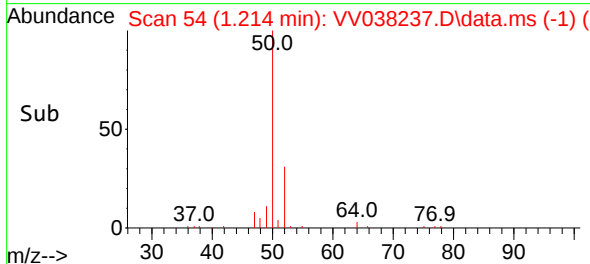
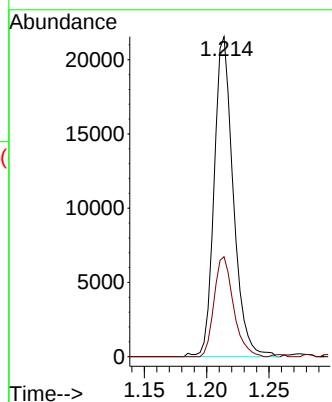
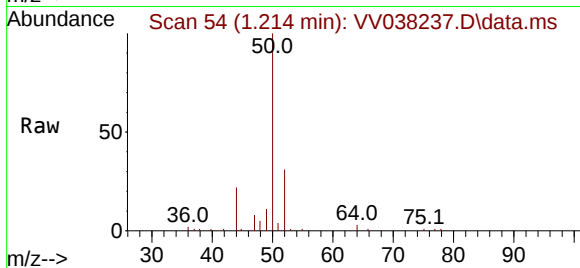
ClientSampleId :

Tgt Ion: 50 Resp: 23003

Ion Ratio Lower Upper

50 100

52 31.2 23.5 43.7



#9

Trichlorofluoromethane

Concen: 0.143 ug/L

RT: 1.709 min Scan# 208

Delta R.T. -0.000 min

Lab File: VV038237.D

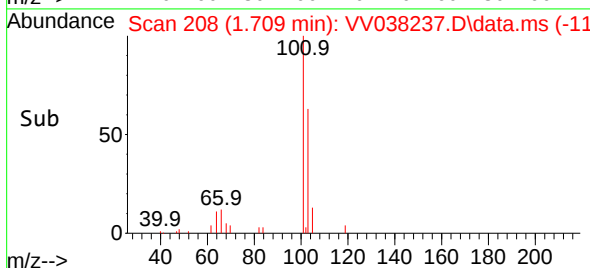
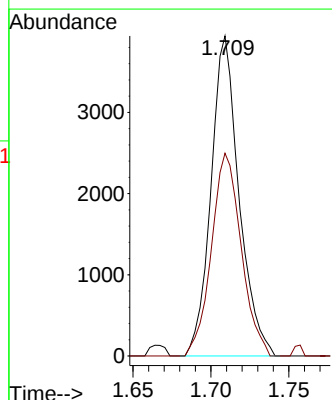
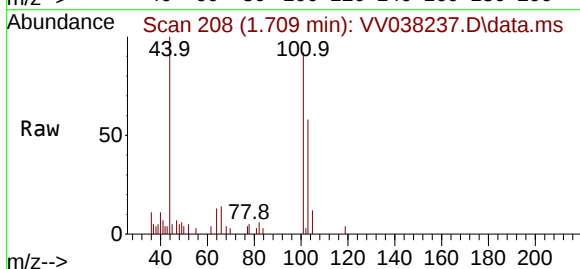
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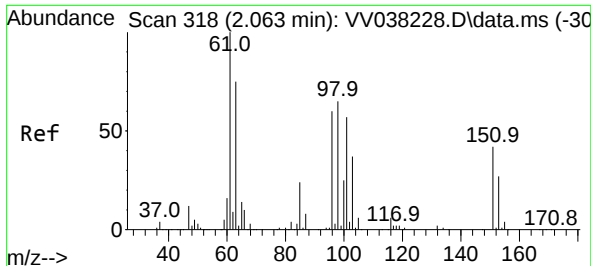
Tgt Ion: 101 Resp: 4931

Ion Ratio Lower Upper

101 100

103 67.3 51.5 77.3

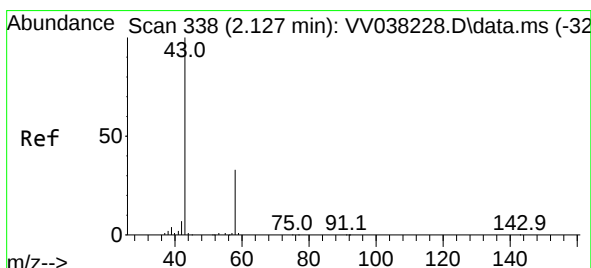
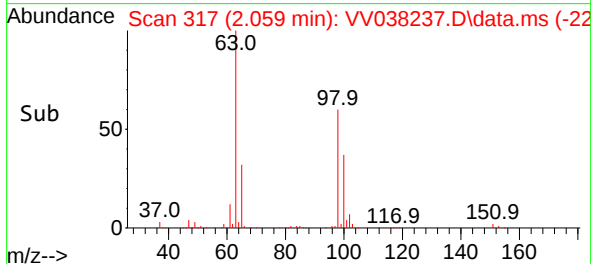
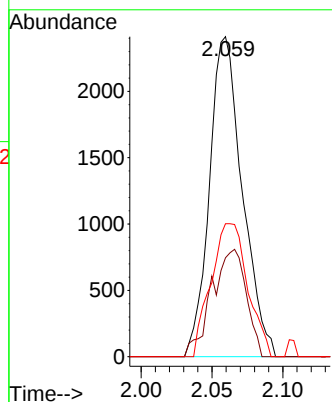
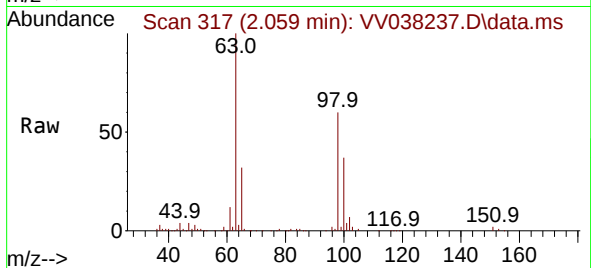




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.198 ug/L
 RT: 2.059 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV038237.D
 Acq: 21 Nov 2024 13:34

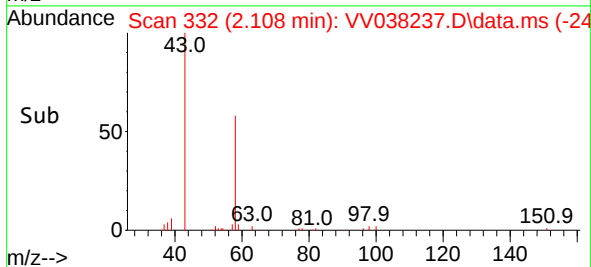
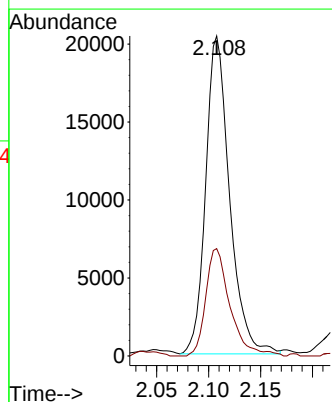
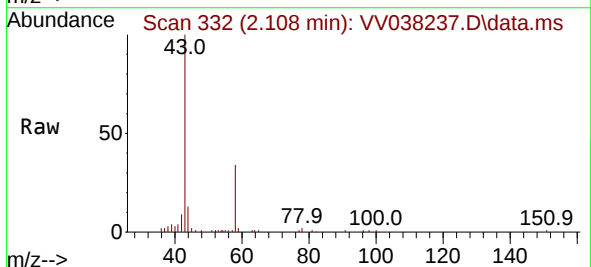
Instrument :
 MSVOA_V
 ClientSampleId :

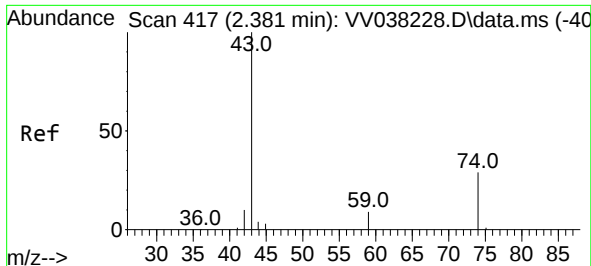
Tgt Ion:101 Resp: 3902
 Ion Ratio Lower Upper
 101 100
 85 35.2 33.4 50.0
 151 46.4 58.8 88.2#



#13
 Acetone
 Concen: 10.942 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.019 min
 Lab File: VV038237.D
 Acq: 21 Nov 2024 13:34

Tgt Ion: 43 Resp: 32622
 Ion Ratio Lower Upper
 43 100
 58 34.3 0.0 67.2

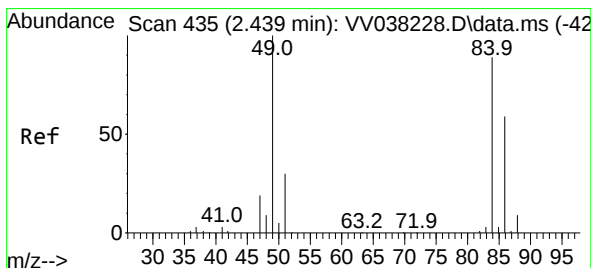
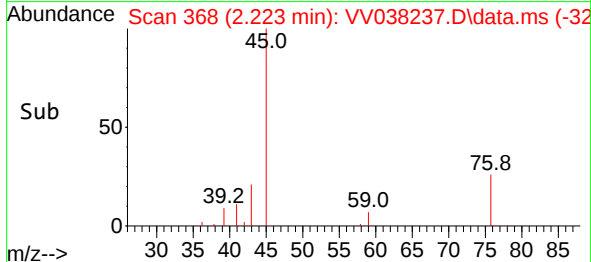
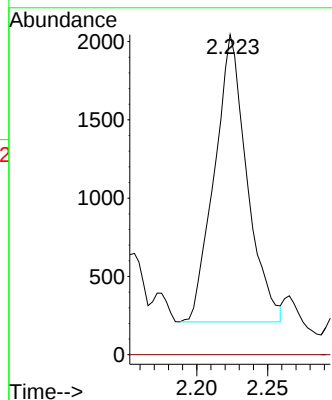
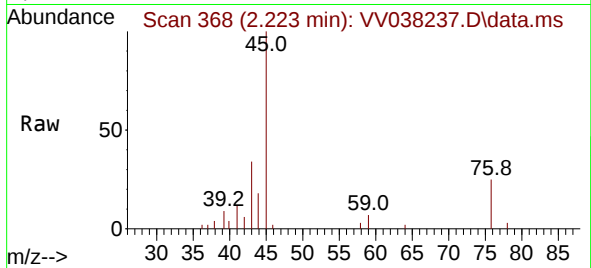




#15
Methyl Acetate
Concen: 0.404 ug/L
RT: 2.223 min Scan# 30
Delta R.T. -0.158 min
Lab File: VV038237.D
Acq: 21 Nov 2024 13:34

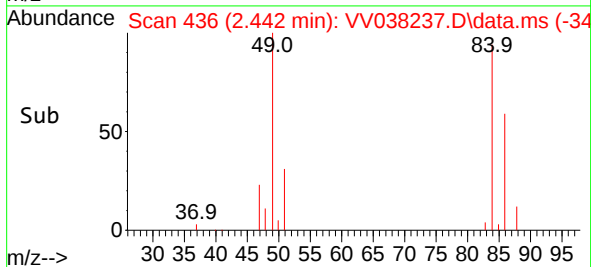
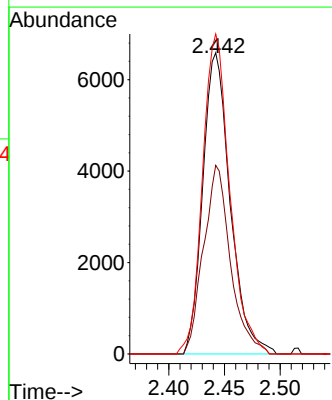
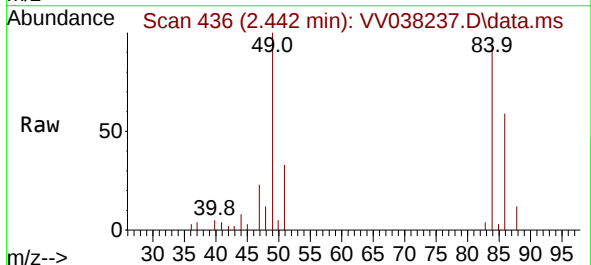
Instrument :
MSVOA_V
ClientSampleId :

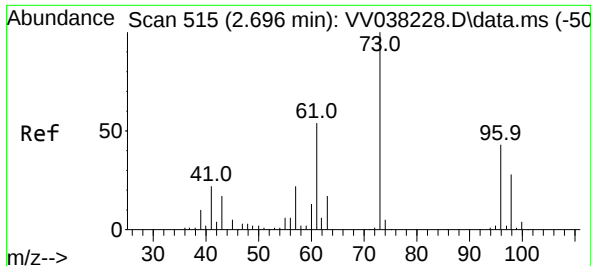
Tgt Ion: 43 Resp: 2922
Ion Ratio Lower Upper
43 100
74 0.7 22.4 33.6#



#16
Methylene chloride
Concen: 0.528 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038237.D
Acq: 21 Nov 2024 13:34

Tgt Ion: 84 Resp: 11309
Ion Ratio Lower Upper
84 100
86 62.6 44.2 82.2
49 106.3 74.9 139.1





#17

Methyl tert-butyl Ether

Concen: 0.245 ug/L

RT: 2.699 min Scan# 515

Delta R.T. 0.003 min

Lab File: VV038237.D

Acq: 21 Nov 2024 13:34

Instrument :

MSVOA_V

ClientSampleId :

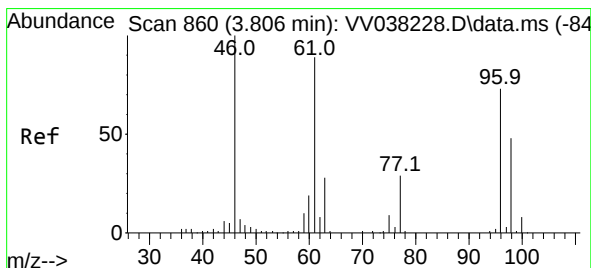
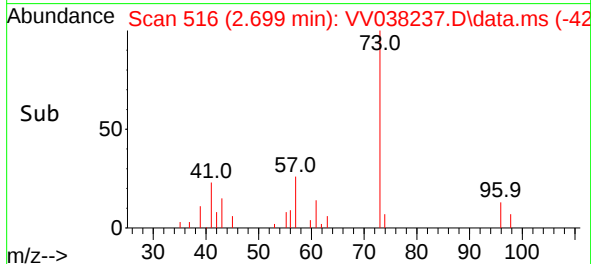
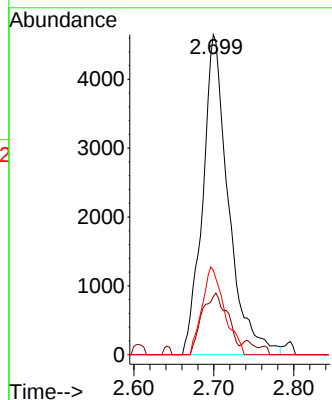
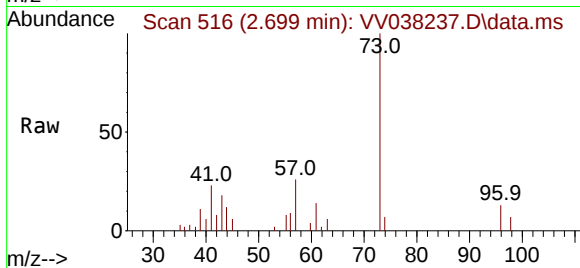
Tgt Ion: 73 Resp: 10412

Ion Ratio Lower Upper

73 100

43 19.3 14.2 21.2

57 23.7 17.6 26.4



#22

cis-1,2-Dichloroethene

Concen: 0.943 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV038237.D

Acq: 21 Nov 2024 13:34

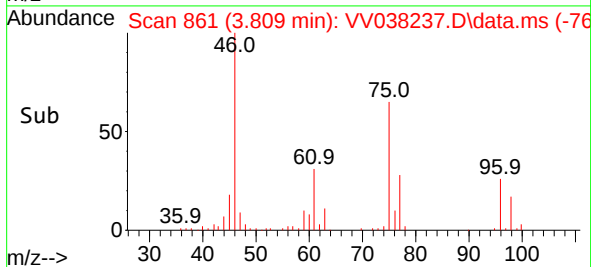
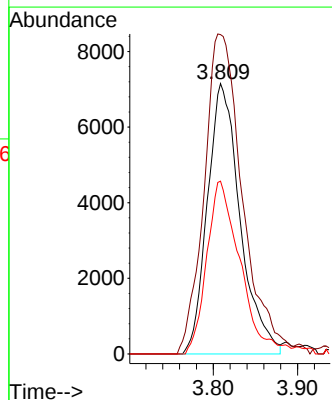
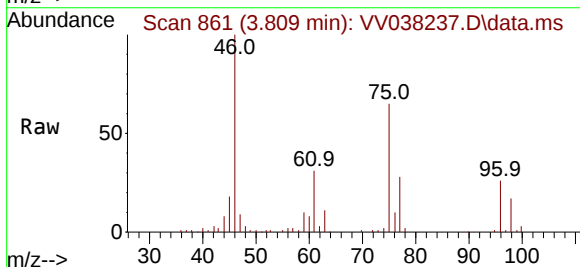
Tgt Ion: 96 Resp: 19295

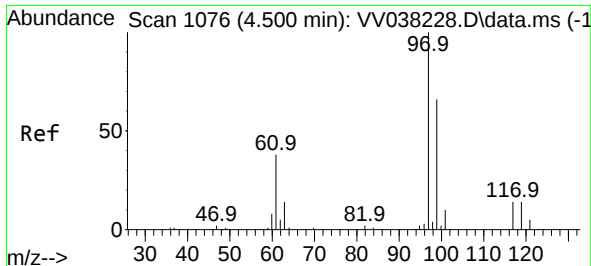
Ion Ratio Lower Upper

96 100

61 118.1 82.7 153.5

98 63.9 46.3 85.9





#29

1,1,1-Trichloroethane

Concen: 0.636 ug/L

RT: 4.503 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV038237.D

Acq: 21 Nov 2024 13:34

Instrument :

MSVOA_V

ClientSampleId :

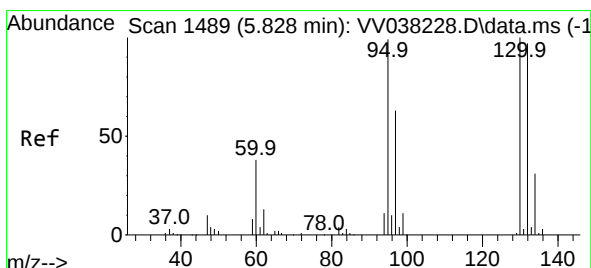
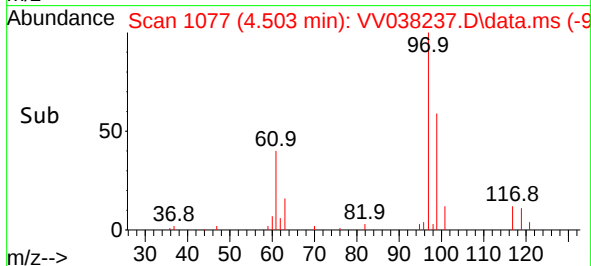
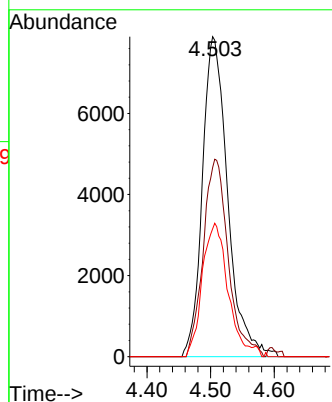
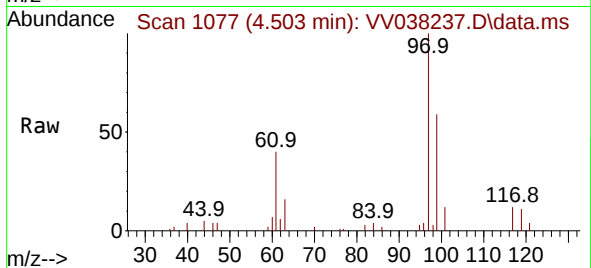
Tgt Ion: 97 Resp: 21791

Ion Ratio Lower Upper

97 100

99 61.2 51.8 77.8

61 41.9 32.2 48.2



#34

Trichloroethene

Concen: 13.884 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.003 min

Lab File: VV038237.D

Acq: 21 Nov 2024 13:34

Tgt Ion: 95 Resp: 303609

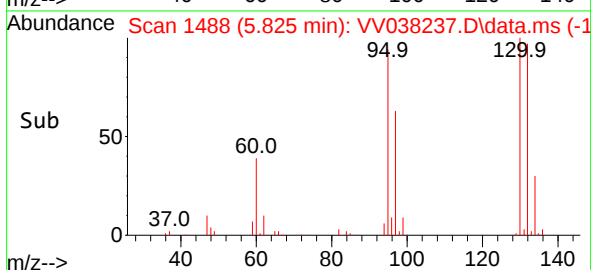
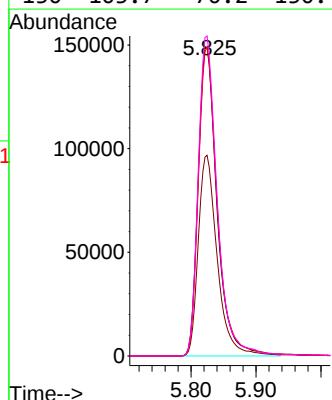
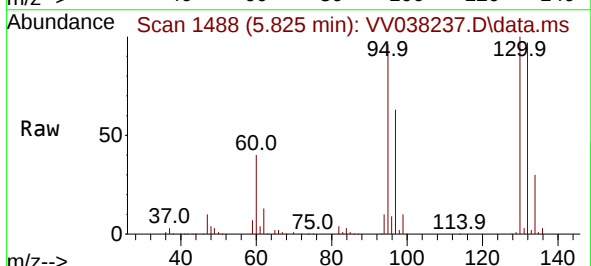
Ion Ratio Lower Upper

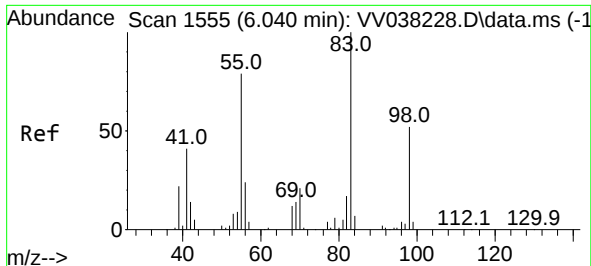
95 100

97 65.0 44.8 83.2

132 100.1 68.3 126.8

130 103.7 70.2 130.4

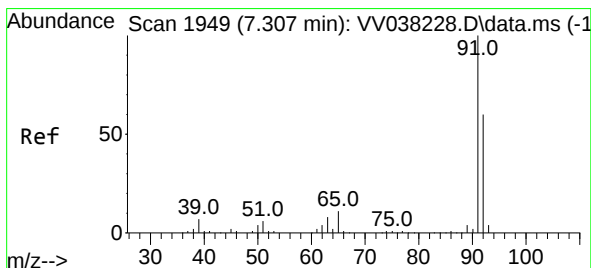
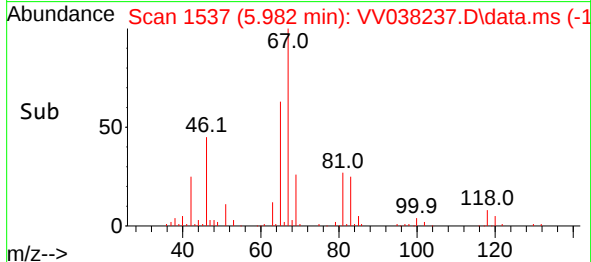
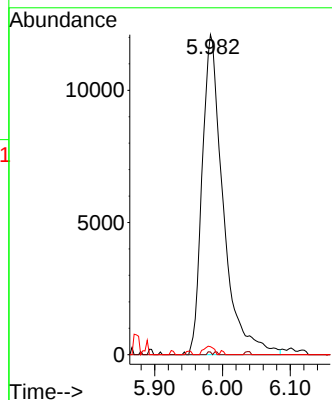
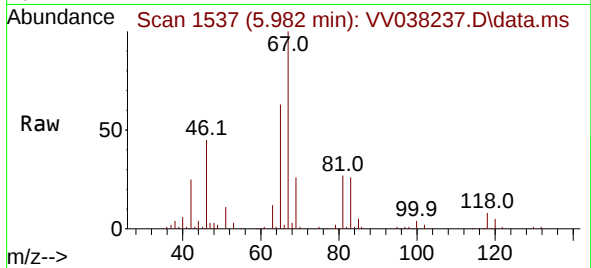




#35
Methylcyclohexane
Concen: 0.846 ug/L
RT: 5.982 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV038237.D
Acq: 21 Nov 2024 13:34

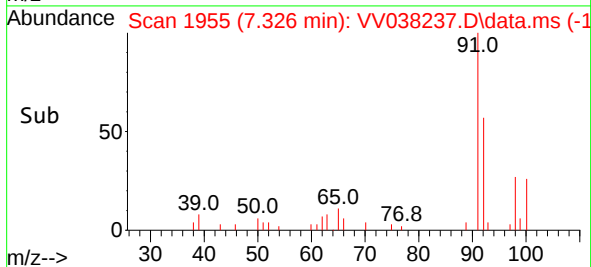
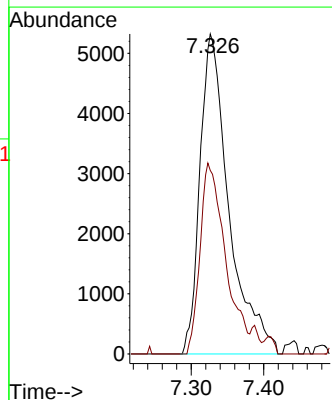
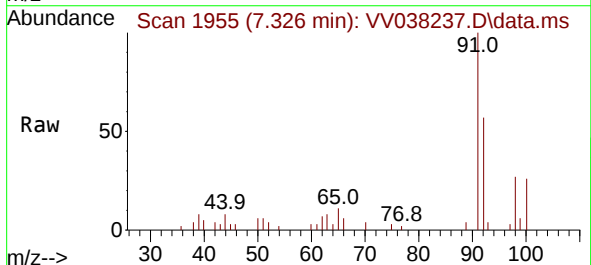
Instrument :
MSVOA_V
ClientSampleId :

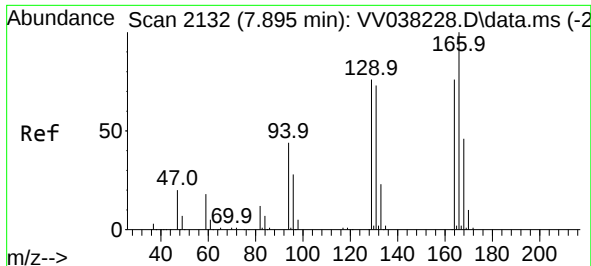
Tgt Ion: 83 Resp: 26158
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 1.3 39.0 58.4#



#42
Toluene
Concen: 0.174 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.019 min
Lab File: VV038237.D
Acq: 21 Nov 2024 13:34

Tgt Ion: 91 Resp: 14747
Ion Ratio Lower Upper
91 100
92 57.3 40.8 75.8





#47

Tetrachloroethene

Concen: 5.555 ug/L

RT: 7.898 min Scan# 2133

Delta R.T. 0.003 min

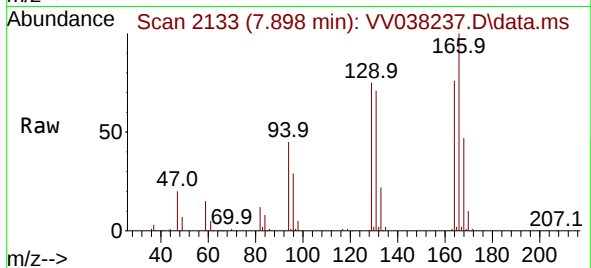
Lab File: VV038237.D

Acq: 21 Nov 2024 13:34

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 97621

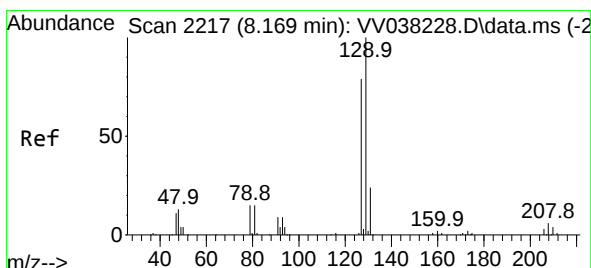
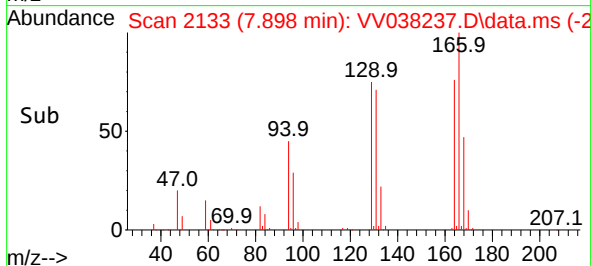
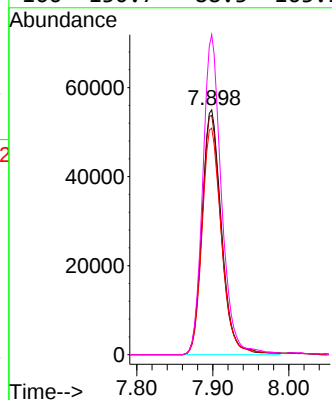
Ion Ratio Lower Upper

164 100

129 97.7 68.5 127.1

131 92.6 64.8 120.4

166 130.7 88.3 163.9



#49

Dibromochloromethane

Concen: 5.046 ug/L

RT: 7.898 min Scan# 2133

Delta R.T. -0.270 min

Lab File: VV038237.D

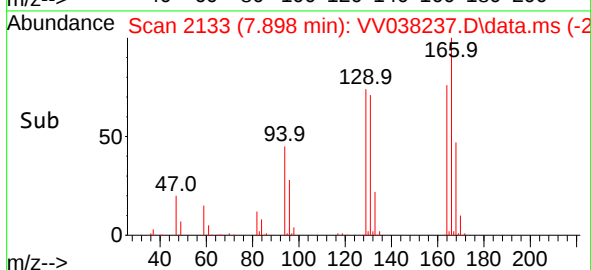
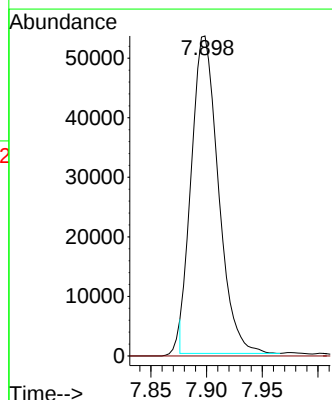
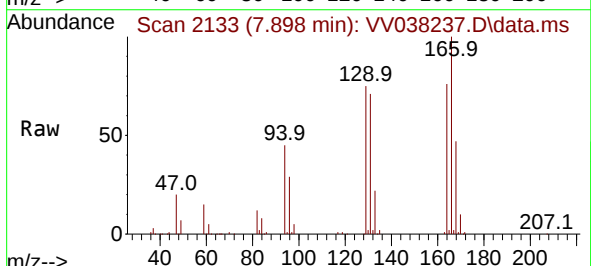
Acq: 21 Nov 2024 13:34

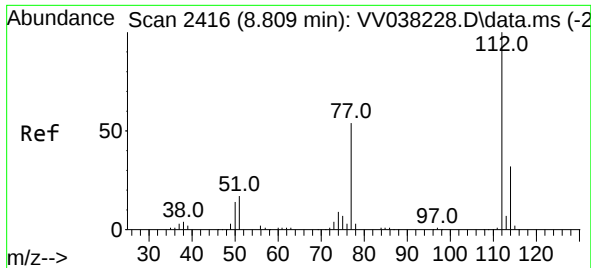
Tgt Ion:129 Resp: 89655

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#

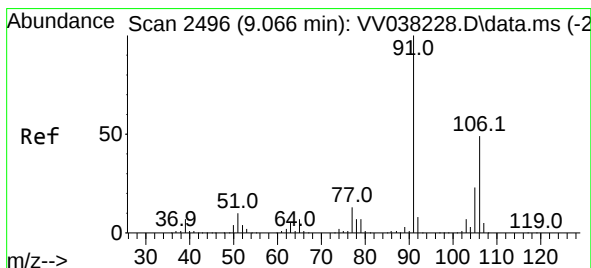
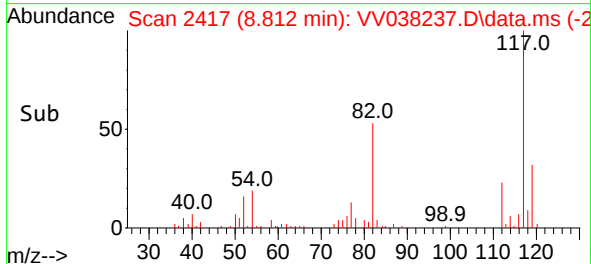
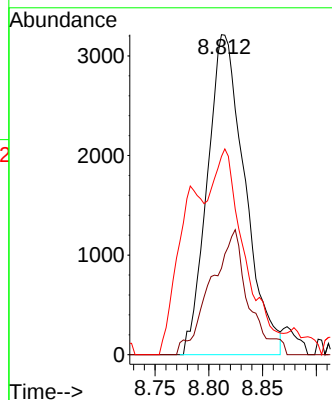
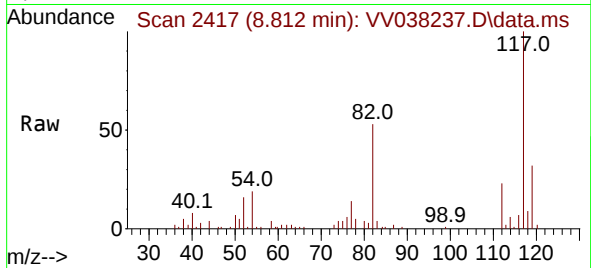




#51
Chlorobenzene
Concen: 0.133 ug/L
RT: 8.812 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV038237.D
Acq: 21 Nov 2024 13:34

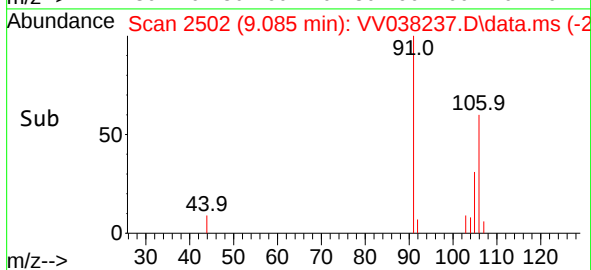
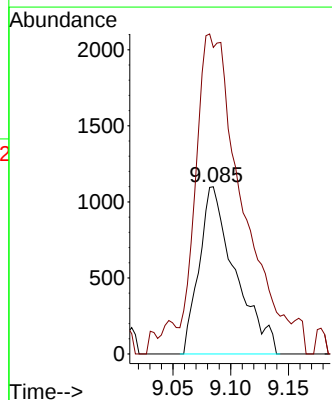
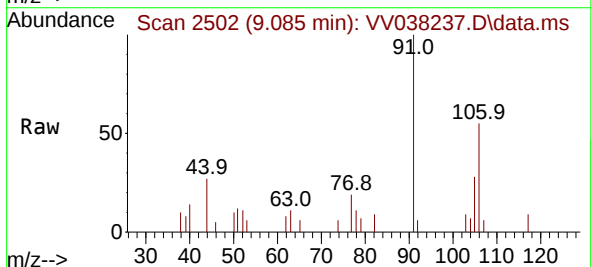
Instrument :
MSVOA_V
ClientSampleId :

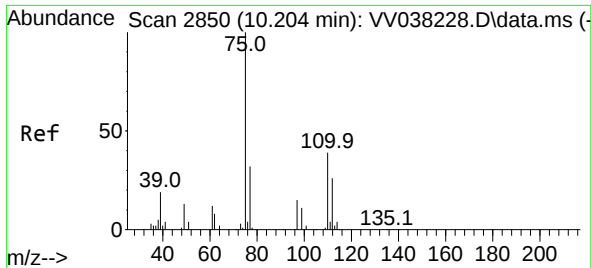
Tgt Ion:112 Resp: 7793
Ion Ratio Lower Upper
112 100
114 27.0 22.0 40.8
77 61.9 45.0 67.4



#53
m,p-Xylene
Concen: 0.070 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.019 min
Lab File: VV038237.D
Acq: 21 Nov 2024 13:34

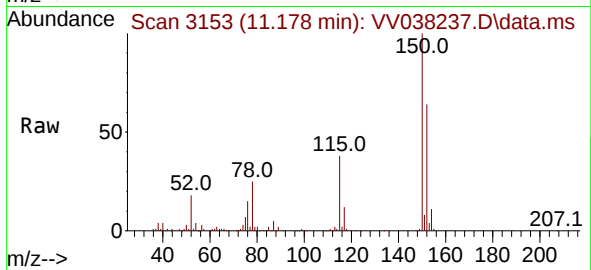
Tgt Ion:106 Resp: 2385
Ion Ratio Lower Upper
106 100
91 183.4 138.7 257.5





#61
 1,2,3-Trichloropropane
 Concen: 1.275 ug/L
 RT: 11.178 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV038237.D
 Acq: 21 Nov 2024 13:34

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	13308
Ion	Ratio	Lower	Upper
75	100		
77	35.5	26.4	39.6
110	3.1	32.3	48.5#

