

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112524\
 Data File : VV038339.D
 Acq On : 25 Nov 2024 13:14
 Operator : SY/MD
 Sample : P4884-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 26 00:42:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 26 00:39:03 2024
 Response via : Initial Calibration

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

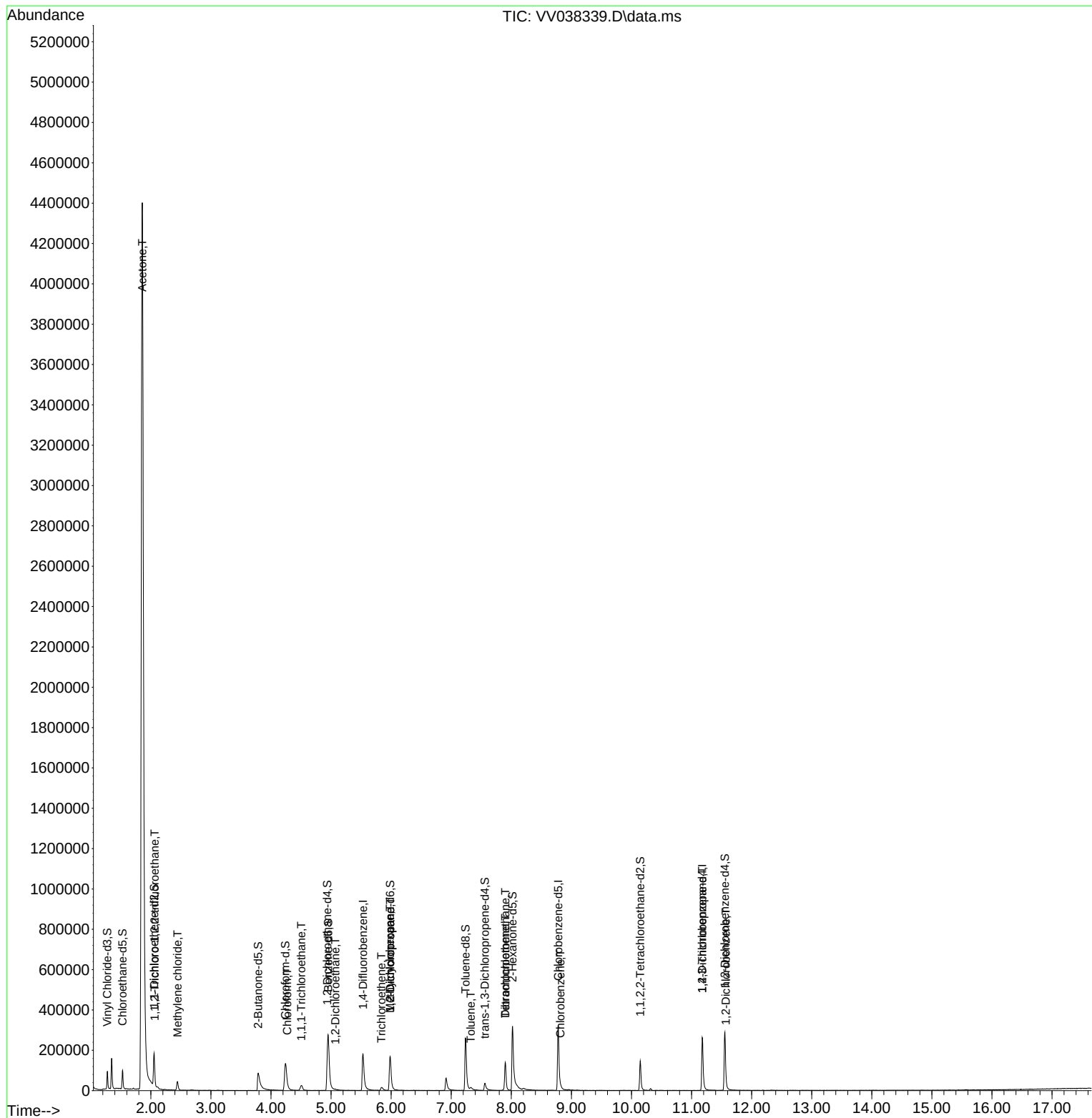
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	171798	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	190014	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	76419	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	54686	4.153	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.529	69	59973	5.630	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.600%
11) 1,1-Dichloroethene-d2	2.053	65	25351	4.474	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	3.786	46	153003	58.083	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.160%
24) Chloroform-d	4.240	84	155805	6.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.000%
26) 1,2-Dichloroethane-d4	4.937	65	73969	6.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.000%
32) Benzene-d6	4.953	84	257844	5.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	5.982	67	89937	5.951	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.000%
41) Toluene-d8	7.236	98	191889	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	7.561	79	27035	4.812	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.018	63	114113	52.250	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.500%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	74054	5.773	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	82041	6.301	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.000%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	3069	0.238	ug/L	90
13) Acetone	1.857	43	1119192	574.461	ug/L	41
16) Methylene chloride	2.442	84	19021	1.359	ug/L	97
25) Chloroform	4.269	83	7294	0.291	ug/L	97
27) 1,2-Dichloroethane	5.072	62	1921	0.141	ug/L #	87
29) 1,1,1-Trichloroethane	4.503	97	20835	0.914	ug/L	93
34) Trichloroethene	5.838	95	5401	0.371	ug/L	95
35) Methylcyclohexane	5.979	83	21987	1.068	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	9478	0.709	ug/L #	86
42) Toluene	7.323	91	9889	0.175	ug/L	93
47) Tetrachloroethene	7.899	164	33050	2.827	ug/L	98
49) Dibromochloromethane	7.899	129	30540	2.584	ug/L #	11
51) Chlorobenzene	8.815	112	10887	0.280	ug/L	92
61) 1,2,3-Trichloropropane	11.178	75	8489	1.297	ug/L #	64
67) 1,2-Dichlorobenzene	11.571	146	3602	0.165	ug/L #	91

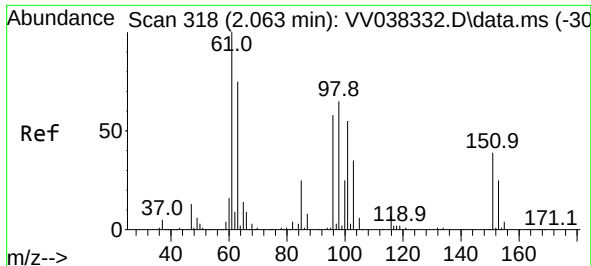
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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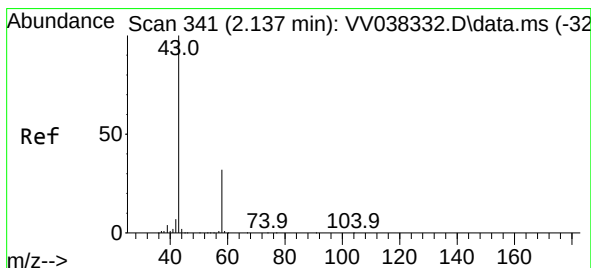
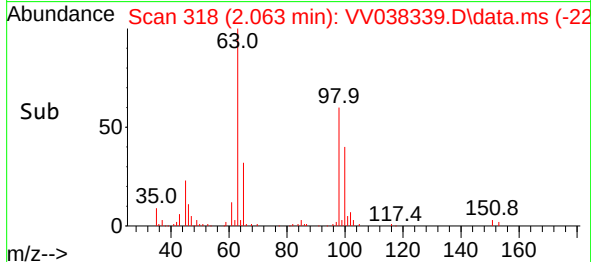
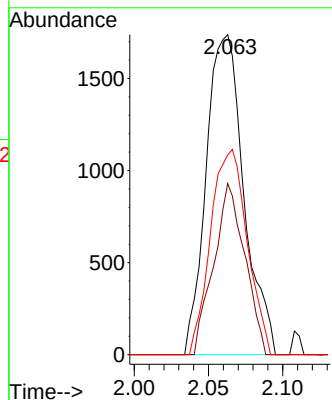
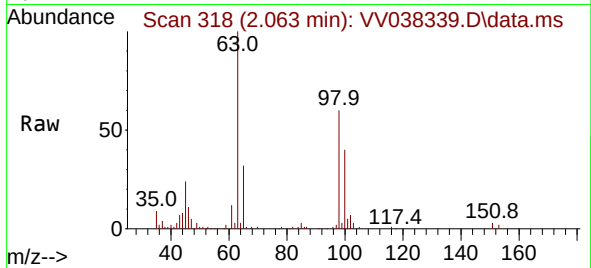




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.238 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038339.D
Acq: 25 Nov 2024 13:14

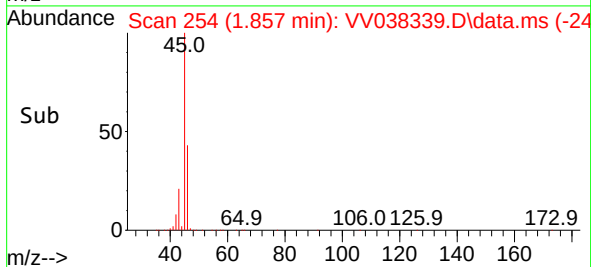
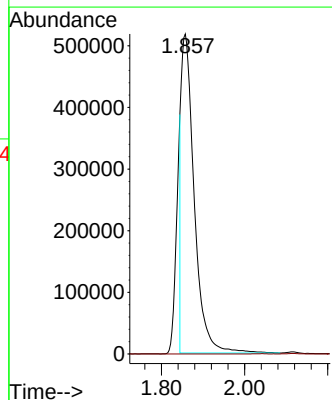
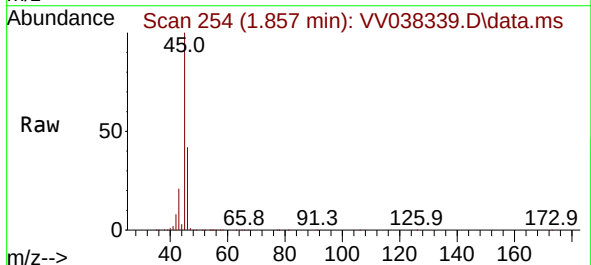
Instrument :
MSVOA_V
ClientSampleId :

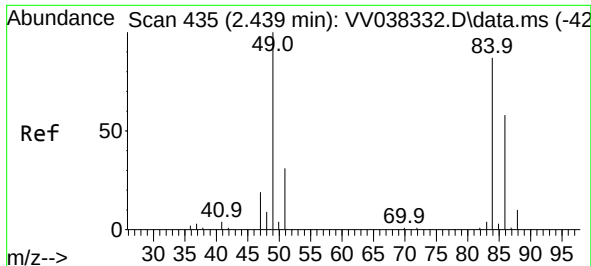
Tgt Ion:101 Resp: 3069
Ion Ratio Lower Upper
101 100
85 44.1 33.4 50.0
151 62.2 58.8 88.2



#13
Acetone
Concen: 574.461 ug/L
RT: 1.857 min Scan# 254
Delta R.T. -0.280 min
Lab File: VV038339.D
Acq: 25 Nov 2024 13:14

Tgt Ion: 43 Resp: 1119192
Ion Ratio Lower Upper
43 100
58 0.0 0.0 67.2

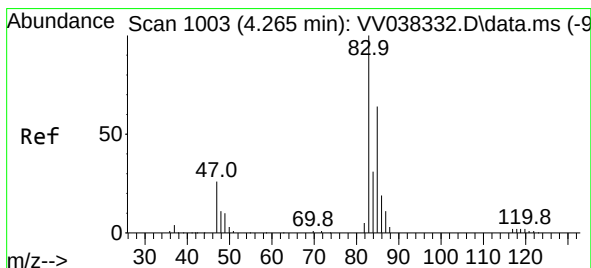
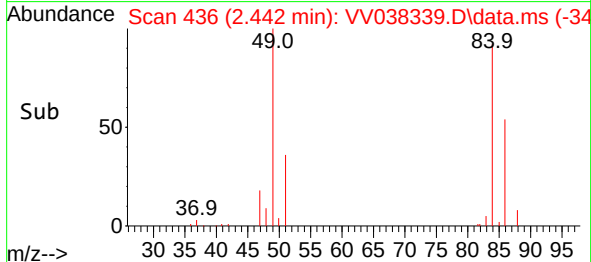
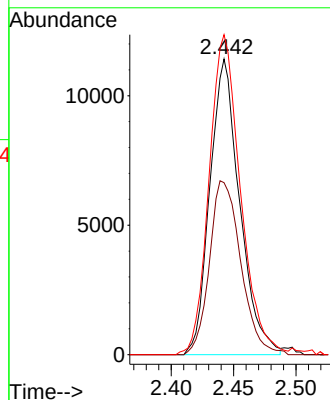
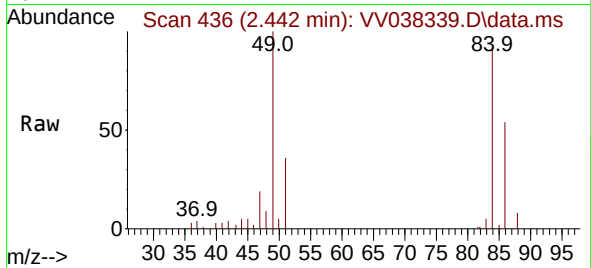




#16
Methylene chloride
Concen: 1.359 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038339.D
Acq: 25 Nov 2024 13:14

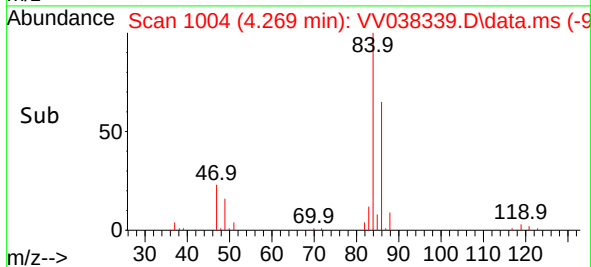
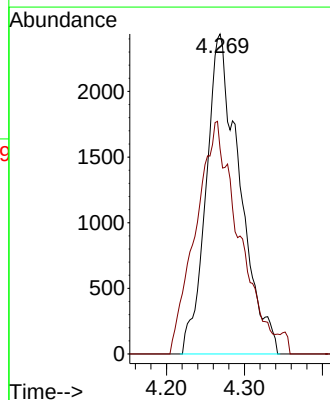
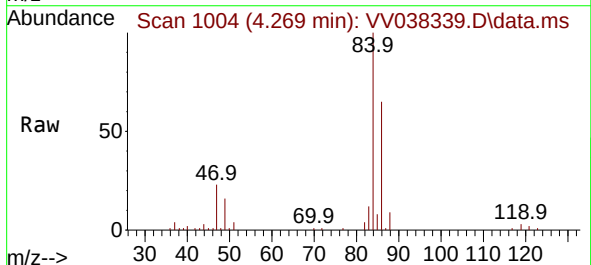
Instrument :
MSVOA_V
ClientSampleId :

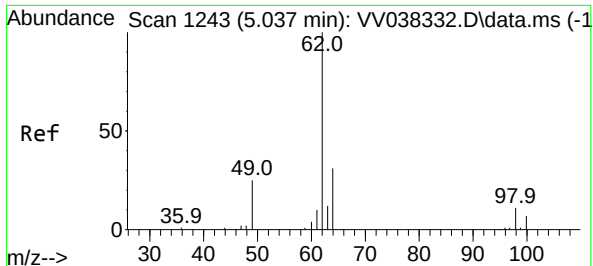
Tgt Ion: 84 Resp: 19021
Ion Ratio Lower Upper
84 100
86 58.1 44.2 82.2
49 108.2 74.9 139.1



#25
Chloroform
Concen: 0.291 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VV038339.D
Acq: 25 Nov 2024 13:14

Tgt Ion: 83 Resp: 7294
Ion Ratio Lower Upper
83 100
85 64.2 46.5 86.3





#27

1,2-Dichloroethane

Concen: 0.141 ug/L

RT: 5.072 min Scan# 11

Delta R.T. 0.035 min

Lab File: VV038339.D

Acq: 25 Nov 2024 13:14

Instrument :

MSVOA_V

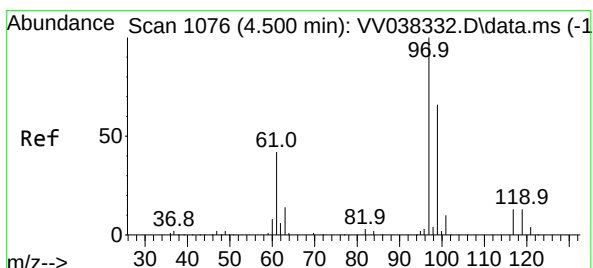
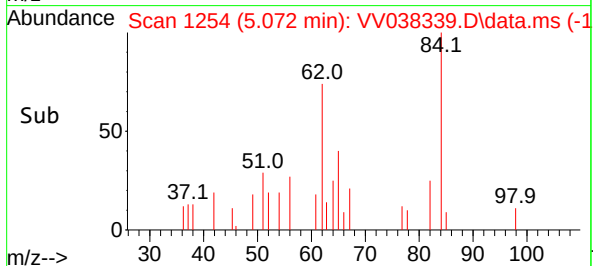
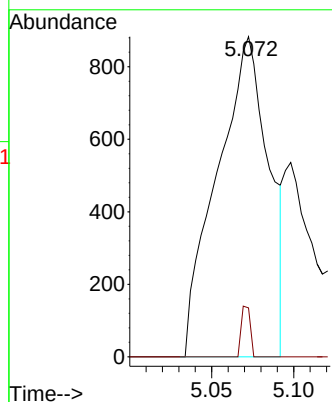
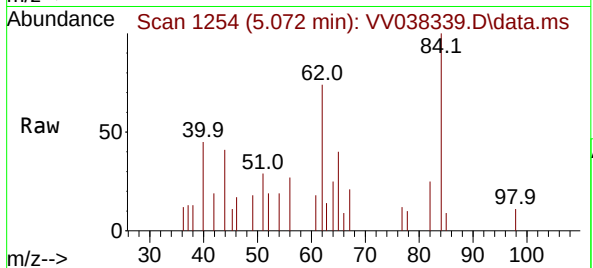
ClientSampleId :

Tgt Ion: 62 Resp: 1921

Ion Ratio Lower Upper

62 100

98 15.3 8.2 12.4#



#29

1,1,1-Trichloroethane

Concen: 0.914 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV038339.D

Acq: 25 Nov 2024 13:14

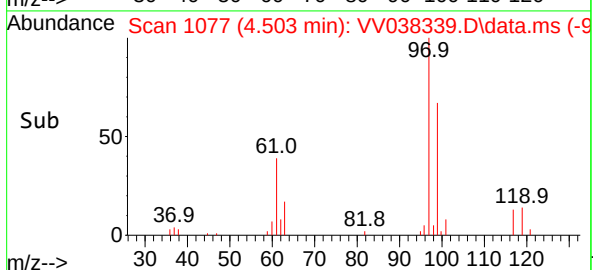
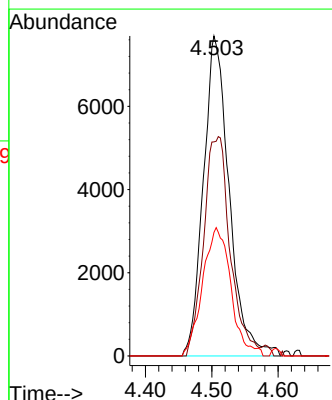
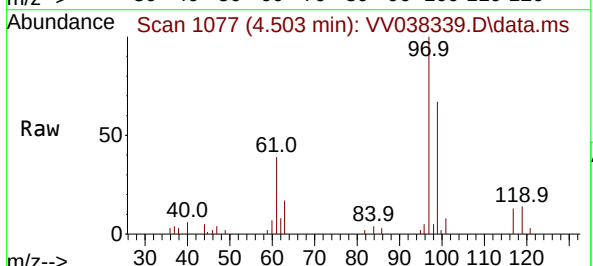
Tgt Ion: 97 Resp: 20835

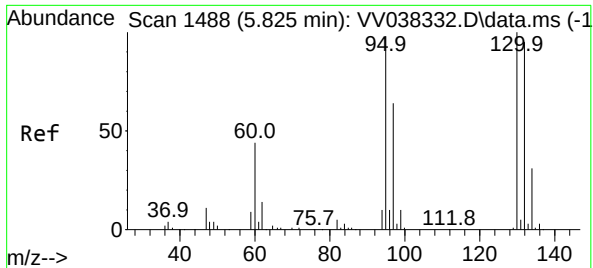
Ion Ratio Lower Upper

97 100

99 70.4 51.8 77.8

61 43.9 32.2 48.2

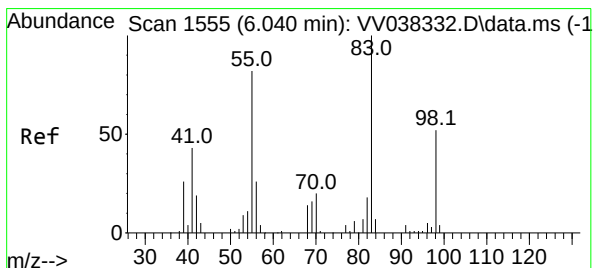
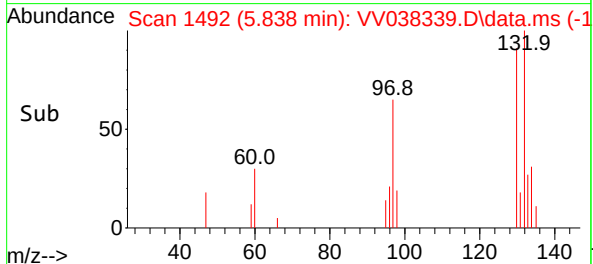
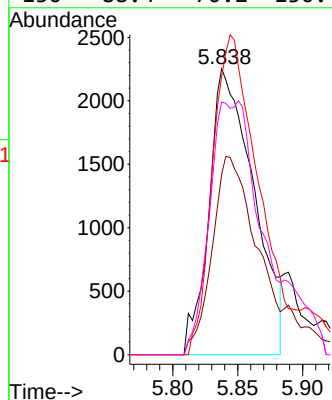
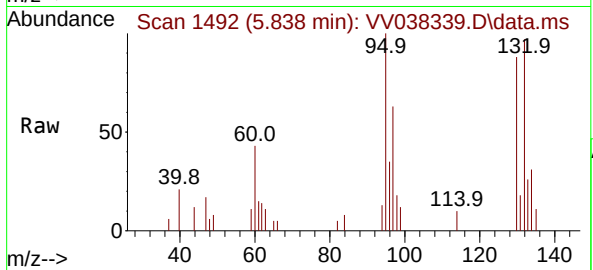




#34
Trichloroethene
Concen: 0.371 ug/L
RT: 5.838 min Scan# 1488
Delta R.T. 0.013 min
Lab File: VV038339.D
Acq: 25 Nov 2024 13:14

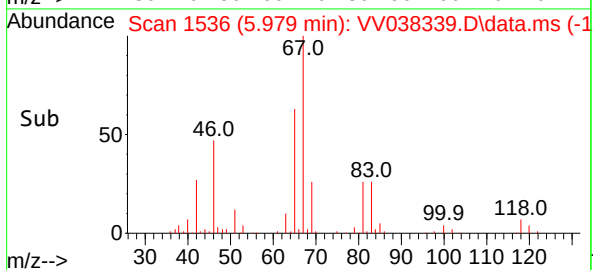
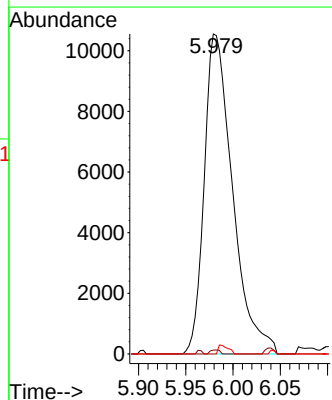
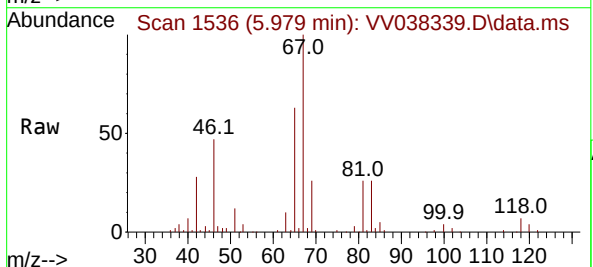
Instrument :
MSVOA_V
ClientSampleId :

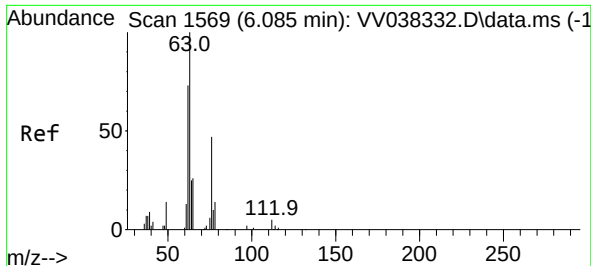
Tgt Ion: 95	Resp: 5401
Ion Ratio	Lower Upper
95 100	
97 63.1	44.8 83.2
132 97.3	68.3 126.8
130 88.4	70.2 130.4



#35
Methylcyclohexane
Concen: 1.068 ug/L
RT: 5.979 min Scan# 1536
Delta R.T. -0.061 min
Lab File: VV038339.D
Acq: 25 Nov 2024 13:14

Tgt Ion: 83	Resp: 21987
Ion Ratio	Lower Upper
83 100	
55 0.4	59.7 89.5#
98 1.0	39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.709 ug/L

RT: 5.982 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV038339.D

Acq: 25 Nov 2024 13:14

Instrument :

MSVOA_V

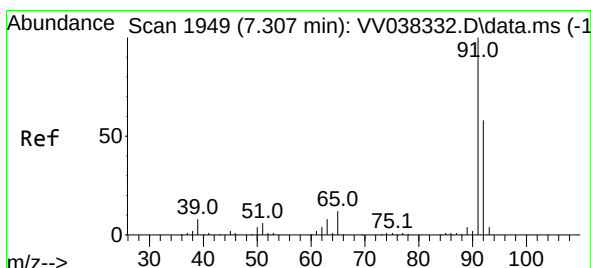
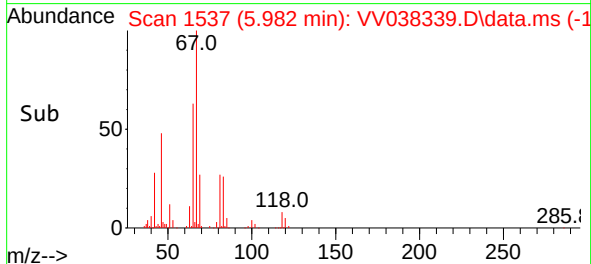
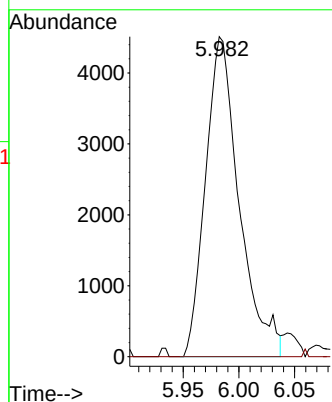
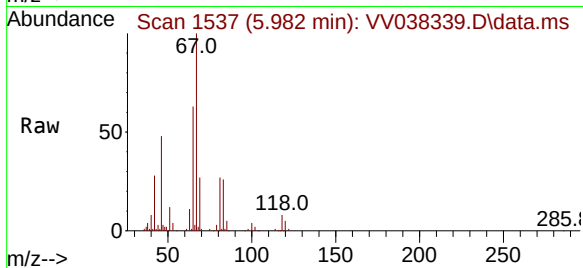
ClientSampleId :

Tgt Ion: 63 Resp: 9478

Ion Ratio Lower Upper

63 100

112 0.2 3.9 5.9#



#42

Toluene

Concen: 0.175 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.016 min

Lab File: VV038339.D

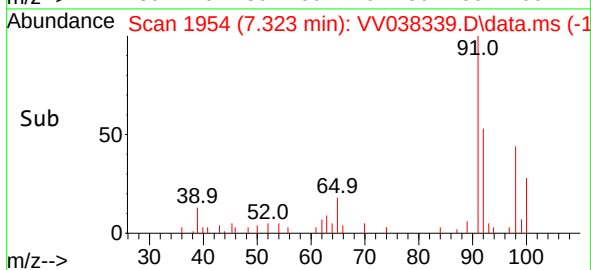
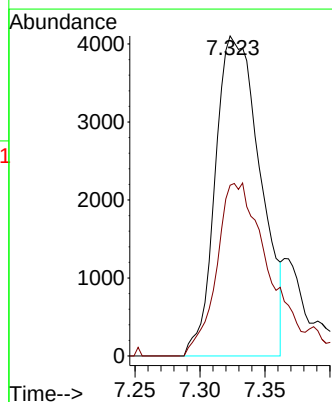
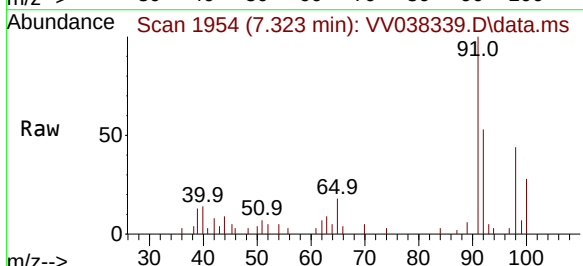
Acq: 25 Nov 2024 13:14

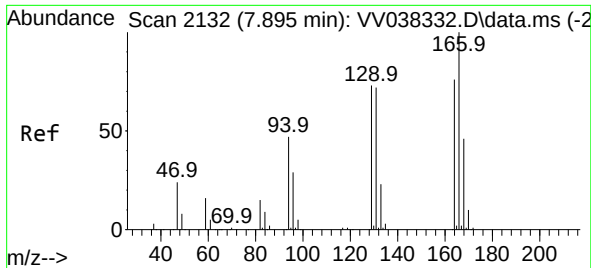
Tgt Ion: 91 Resp: 9889

Ion Ratio Lower Upper

91 100

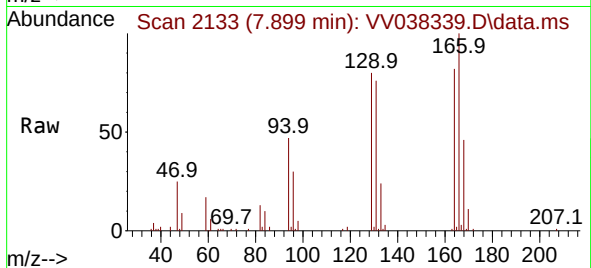
92 53.4 40.8 75.8



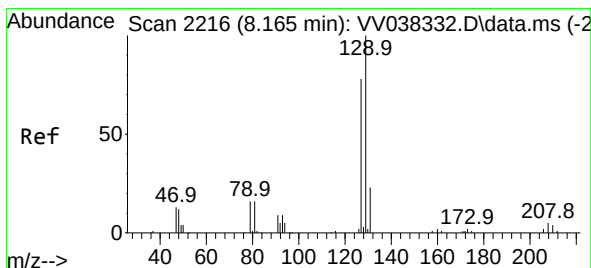
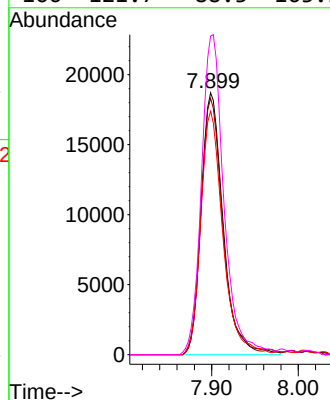
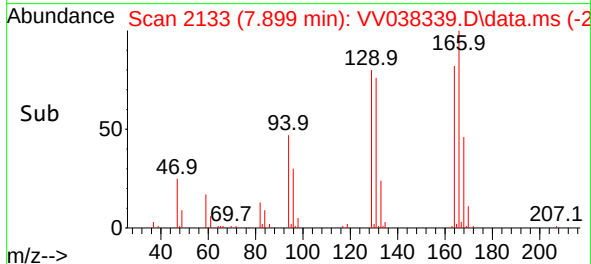


#47
Tetrachloroethene
Concen: 2.827 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038339.D
Acq: 25 Nov 2024 13:14

Instrument :
MSVOA_V
ClientSampleId :

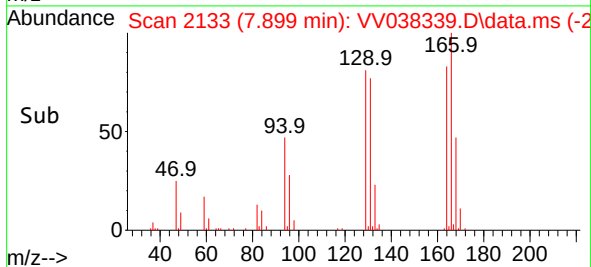
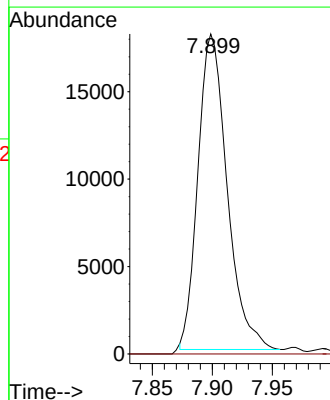
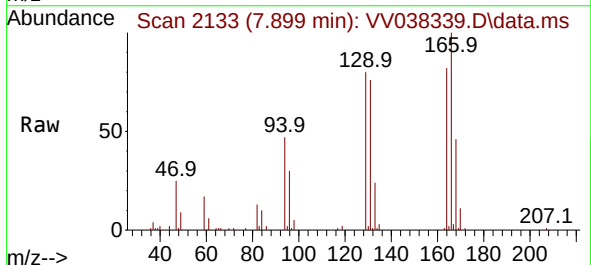


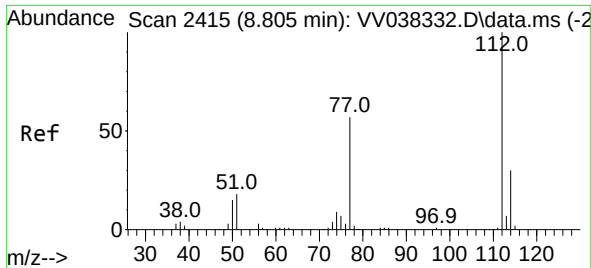
Tgt Ion:164 Resp: 33050
Ion Ratio Lower Upper
164 100
129 97.9 68.5 127.1
131 93.0 64.8 120.4
166 121.7 88.3 163.9



#49
Dibromochloromethane
Concen: 2.584 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.267 min
Lab File: VV038339.D
Acq: 25 Nov 2024 13:14

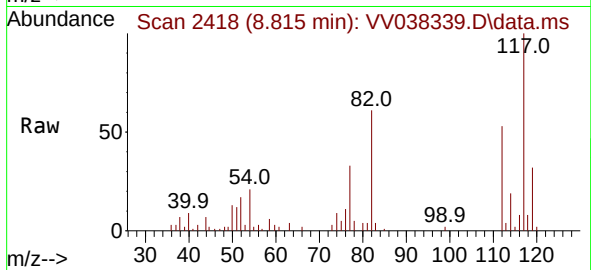
Tgt Ion:129 Resp: 30540
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



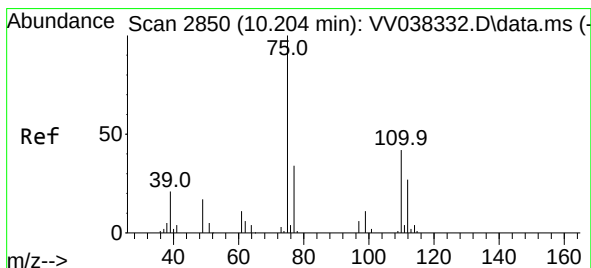
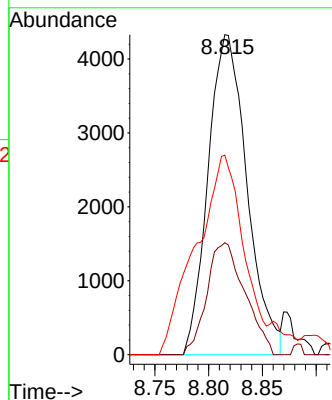
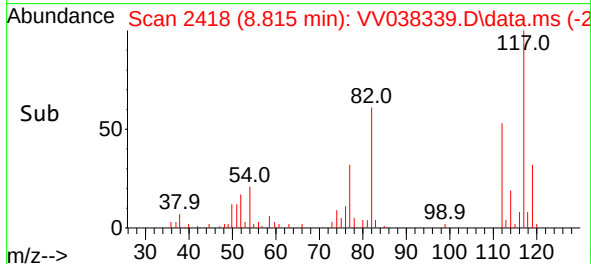


#51
Chlorobenzene
Concen: 0.280 ug/L
RT: 8.815 min Scan# 2415
Delta R.T. 0.010 min
Lab File: VV038339.D
Acq: 25 Nov 2024 13:14

Instrument :
MSVOA_V
ClientSampleId :

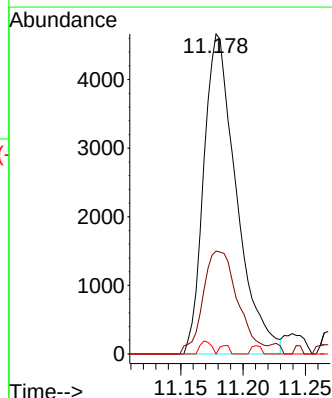
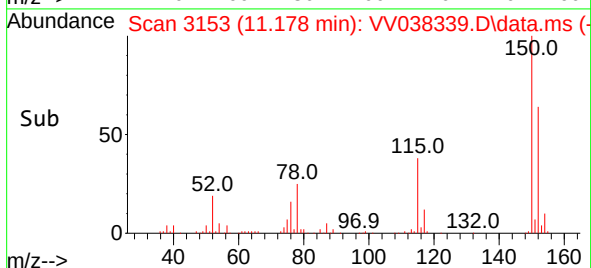
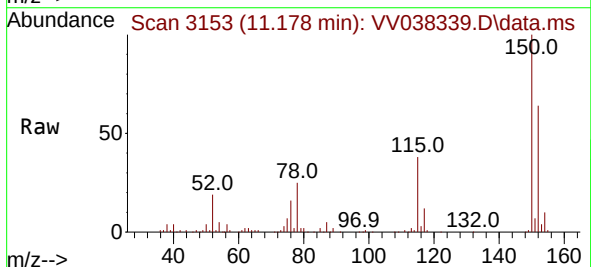


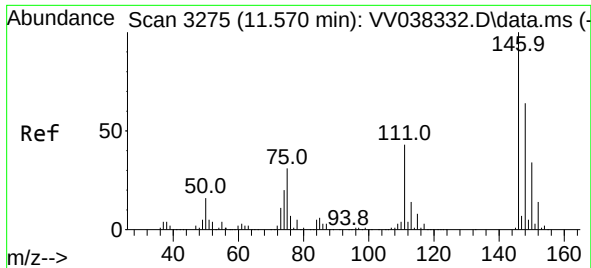
Tgt Ion:112 Resp: 10887
Ion Ratio Lower Upper
112 100
114 35.0 22.0 40.8
77 62.3 45.0 67.4



#61
1,2,3-Trichloropropane
Concen: 1.297 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.974 min
Lab File: VV038339.D
Acq: 25 Nov 2024 13:14

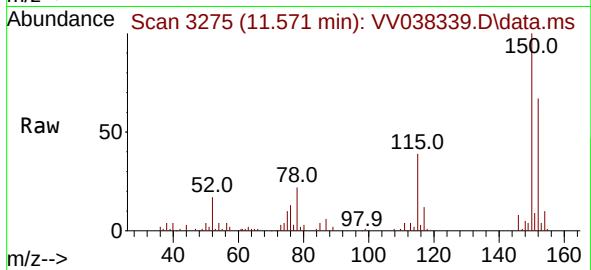
Tgt Ion: 75 Resp: 8489
Ion Ratio Lower Upper
75 100
77 34.5 26.4 39.6
110 0.8 32.3 48.5#





#67
 1,2-Dichlorobenzene
 Concen: 0.165 ug/L
 RT: 11.571 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV038339.D
 Acq: 25 Nov 2024 13:14

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:146 Resp: 3602
 Ion Ratio Lower Upper
 146 100
 111 56.6 34.2 51.2#
 148 64.6 51.0 76.4

