

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112424\
 Data File : VV038327.D
 Acq On : 24 Nov 2024 13:14
 Operator : SY/MD
 Sample : P4884-07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 25 00:23:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 00:21:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	224290	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	241011	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	104584	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	67551	3.929	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.529	69	61614	4.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.053	65	30174	4.079	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	3.786	46	162867	47.358	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.720%
24) Chloroform-d	4.243	84	157662	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	4.937	65	76370	5.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	4.953	84	268908	4.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	5.982	67	89367	4.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.239	98	216128	3.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	7.558	79	30035	4.215	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.017	63	120560	43.521	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.040%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	78559	4.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	92159	5.172	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	3804	0.226	ug/L #	74
13) Acetone	1.851	43	604508	237.665	ug/L	41
16) Methylene chloride	2.442	84	34181	1.871	ug/L	90
22) cis-1,2-Dichloroethene	3.812	96	2567	0.147	ug/L	93
25) Chloroform	4.275	83	21655	0.661	ug/L	99
27) 1,2-Dichloroethane	5.059	62	5618	0.315	ug/L #	92
29) 1,1,1-Trichloroethane	4.506	97	31174	1.078	ug/L	98
31) Carbon tetrachloride	4.503	117	4142	0.162	ug/L	92
34) Trichloroethene	5.837	95	12716	0.689	ug/L	94
35) Methylcyclohexane	5.982	83	22347	0.856	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	9982	0.589	ug/L #	87
42) Toluene	7.323	91	28209	0.393	ug/L	95
47) Tetrachloroethene	7.899	164	57422	3.872	ug/L	98
49) Dibromochloromethane	7.899	129	54251	3.618	ug/L #	11
51) Chlorobenzene	8.815	112	27211	0.551	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	5303	0.330	ug/L #	86
61) 1,2,3-Trichloropropane	11.178	75	11642	1.300	ug/L #	65
67) 1,2-Dichlorobenzene	11.574	146	7738	0.258	ug/L	97

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QLast Update : Mon Nov 25 00:21:44 2024
Response via : Initial Calibration

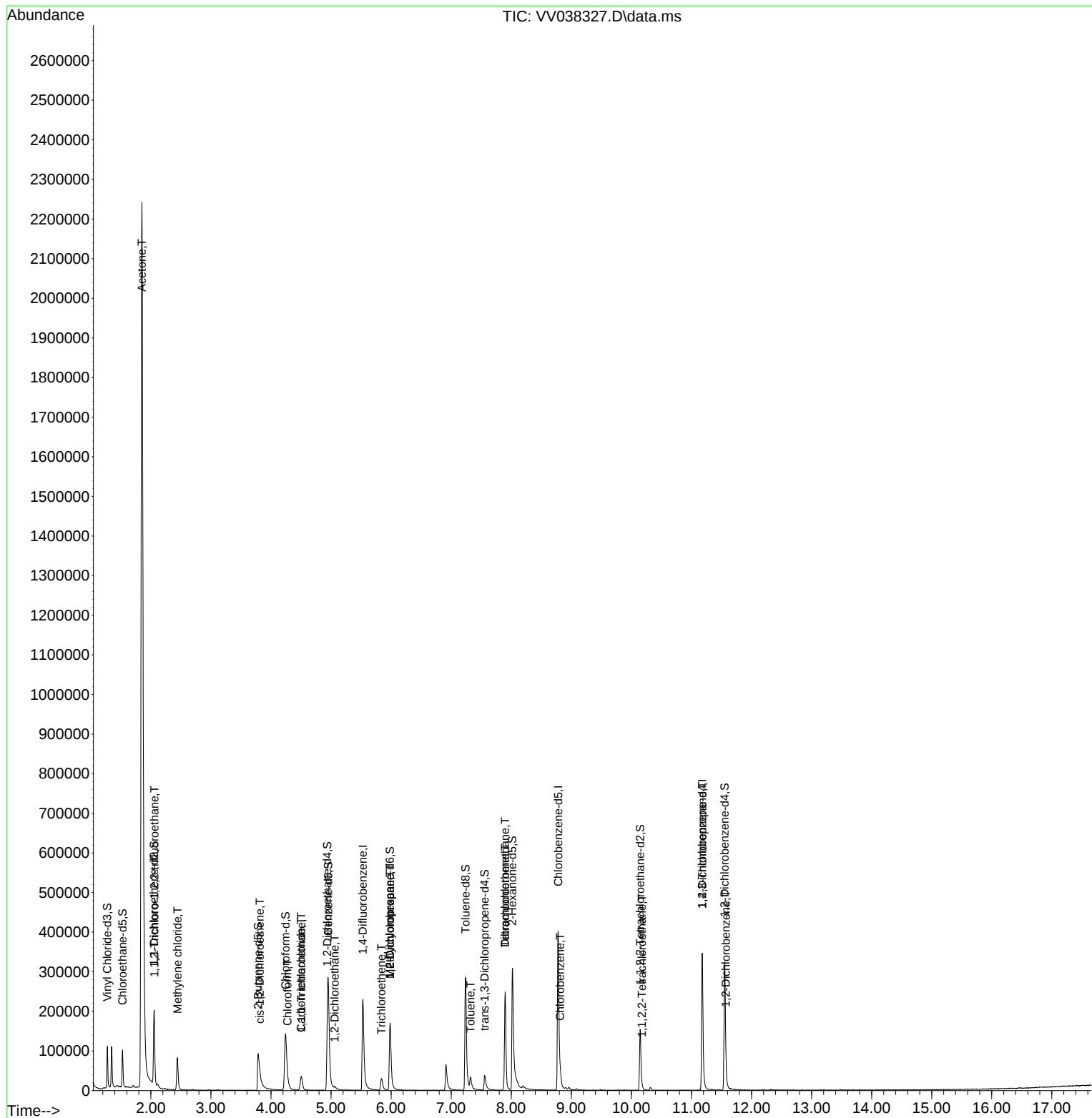
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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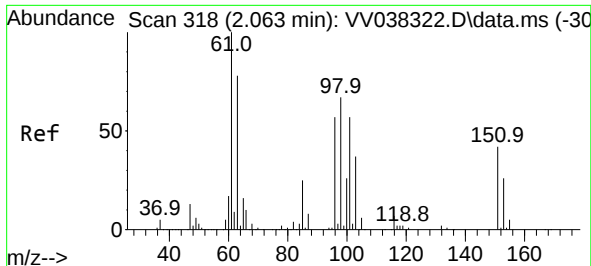
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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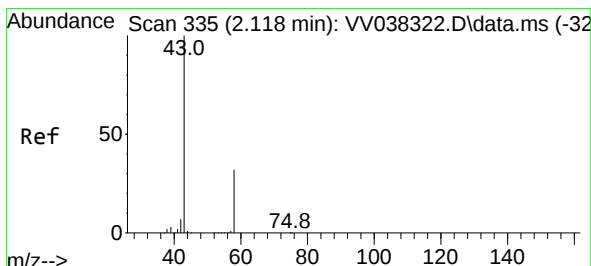
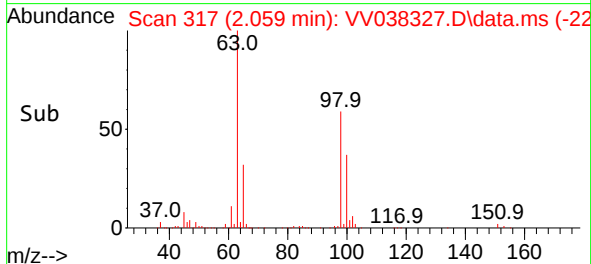
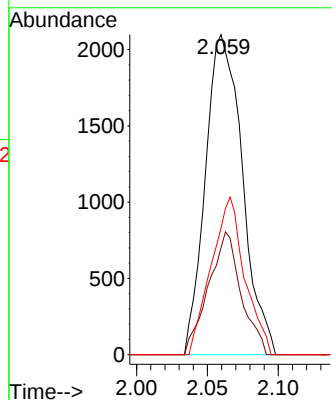
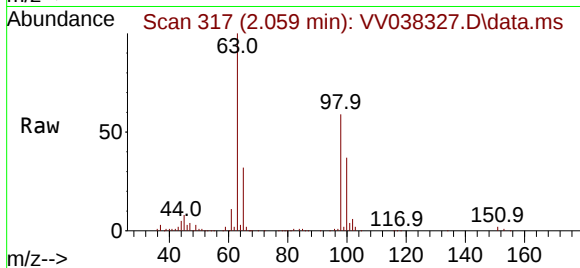




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.226 ug/L
RT: 2.059 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038327.D
Acq: 24 Nov 2024 13:14

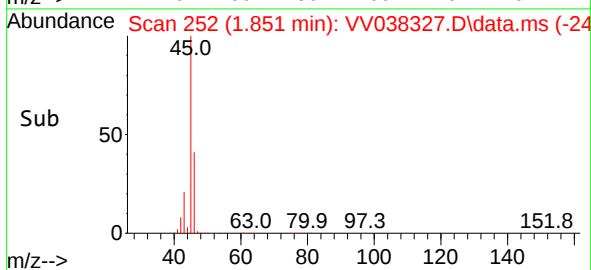
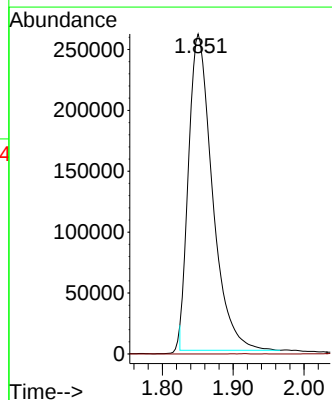
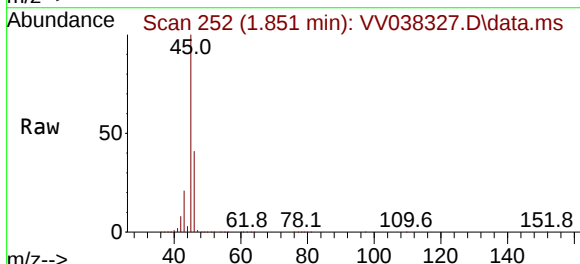
Instrument :
MSVOA_V
ClientSampleId :

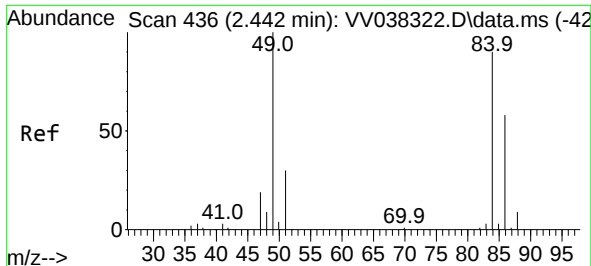
Tgt Ion:101 Resp: 3804
Ion Ratio Lower Upper
101 100
85 33.9 33.4 50.0
151 44.6 58.8 88.2#



#13
Acetone
Concen: 237.665 ug/L
RT: 1.851 min Scan# 252
Delta R.T. -0.267 min
Lab File: VV038327.D
Acq: 24 Nov 2024 13:14

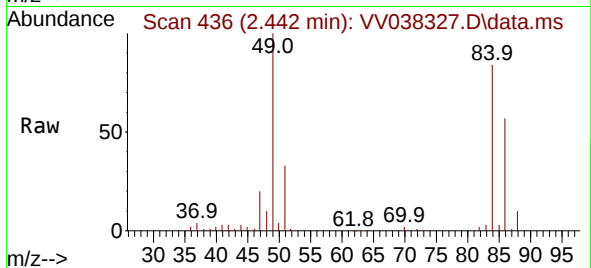
Tgt Ion: 43 Resp: 604508
Ion Ratio Lower Upper
43 100
58 0.0 0.0 67.2





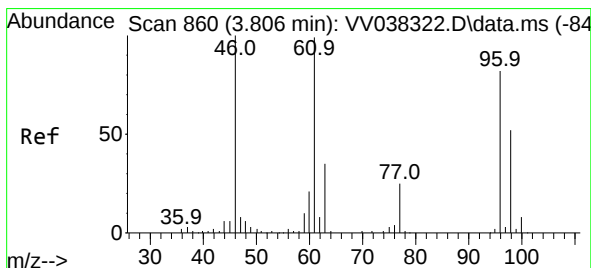
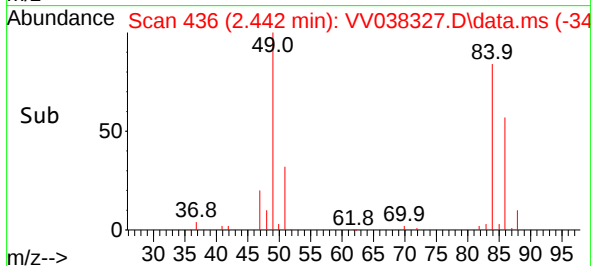
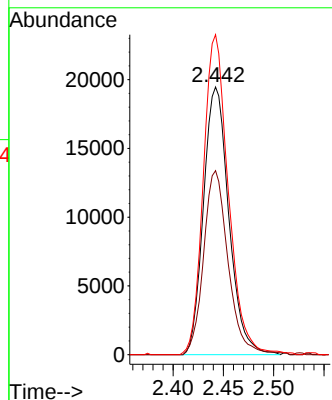
#16
Methylene chloride
Concen: 1.871 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV038327.D
Acq: 24 Nov 2024 13:14

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 34181

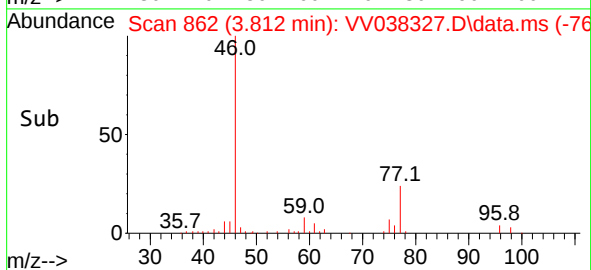
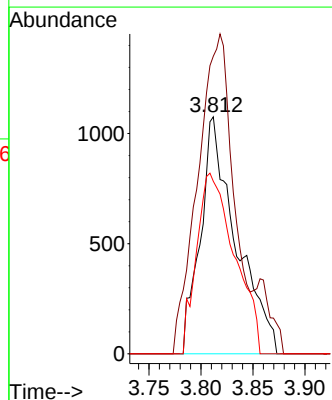
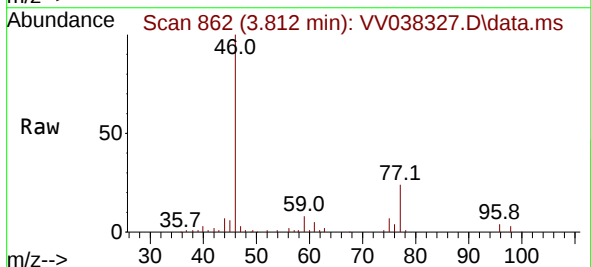
Ion	Ratio	Lower	Upper
84	100		
86	68.7	44.2	82.2
49	119.5	74.9	139.1

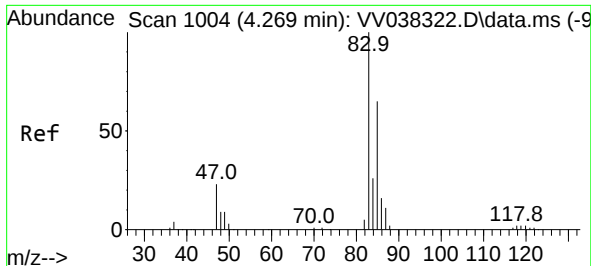


#22
cis-1,2-Dichloroethene
Concen: 0.147 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV038327.D
Acq: 24 Nov 2024 13:14

Tgt Ion: 96 Resp: 2567

Ion	Ratio	Lower	Upper
96	100		
61	125.6	82.7	153.5
98	72.8	46.3	85.9

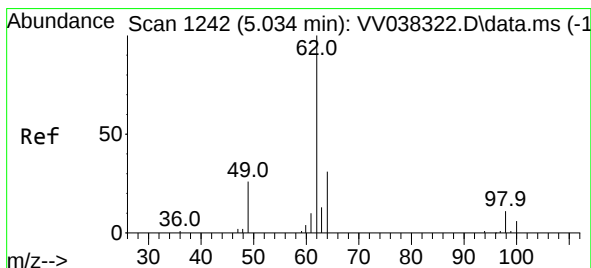
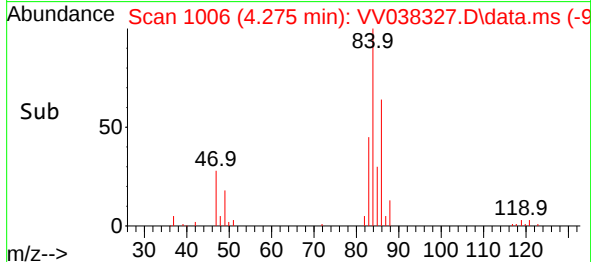
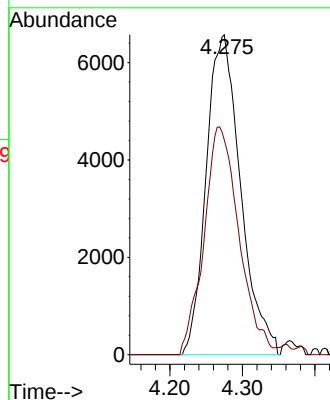
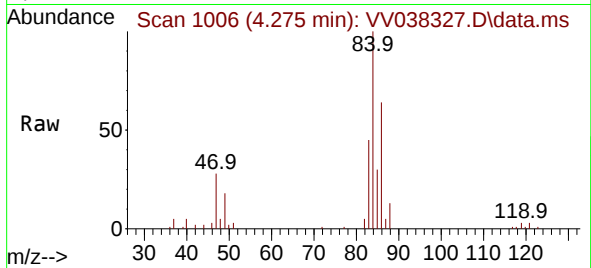




#25
Chloroform
Concen: 0.661 ug/L
RT: 4.275 min Scan# 10
Delta R.T. 0.006 min
Lab File: VV038327.D
Acq: 24 Nov 2024 13:14

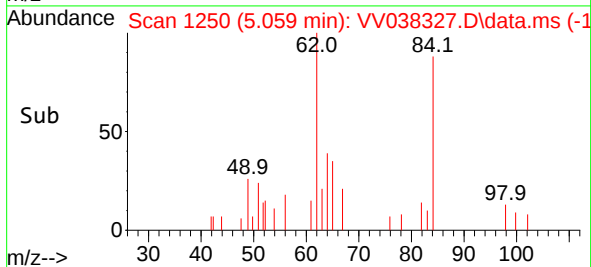
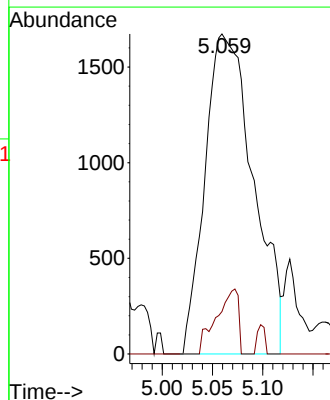
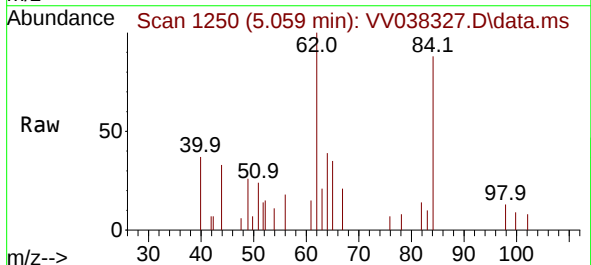
Instrument :
MSVOA_V
ClientSampleId :

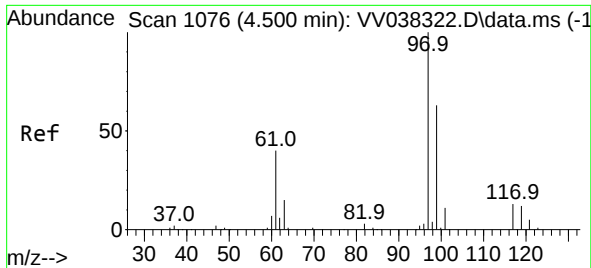
Tgt Ion: 83 Resp: 21655
Ion Ratio Lower Upper
83 100
85 67.2 46.5 86.3



#27
1,2-Dichloroethane
Concen: 0.315 ug/L
RT: 5.059 min Scan# 1250
Delta R.T. 0.026 min
Lab File: VV038327.D
Acq: 24 Nov 2024 13:14

Tgt Ion: 62 Resp: 5618
Ion Ratio Lower Upper
62 100
98 13.3 8.2 12.4#

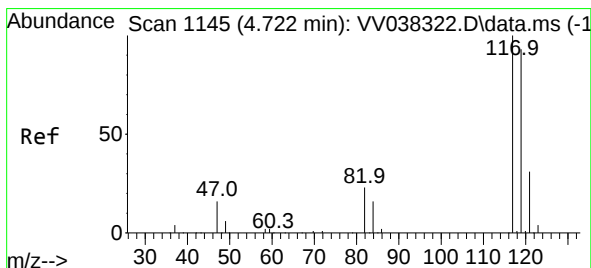
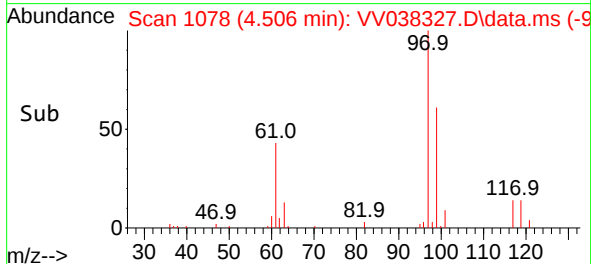
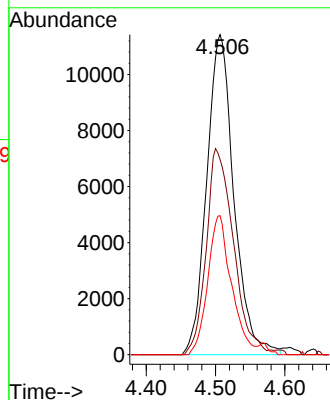
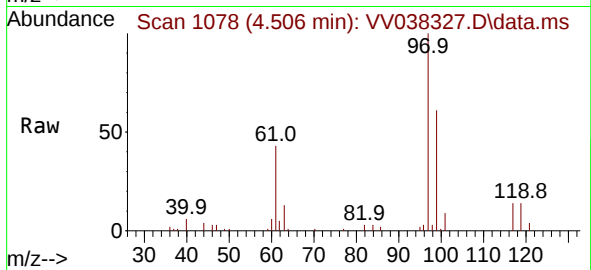




#29
1,1,1-Trichloroethane
Concen: 1.078 ug/L
RT: 4.506 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV038327.D
Acq: 24 Nov 2024 13:14

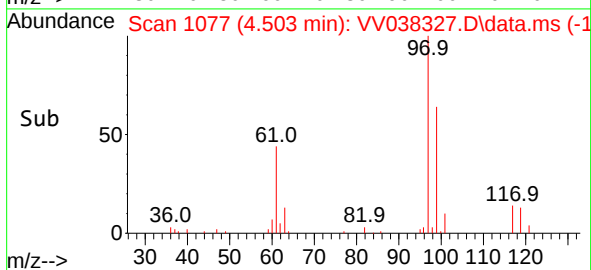
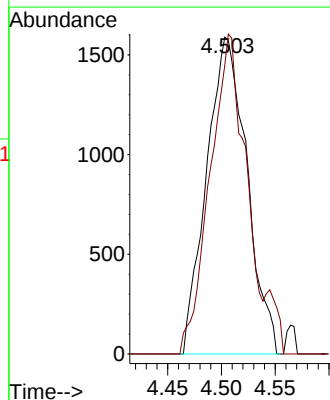
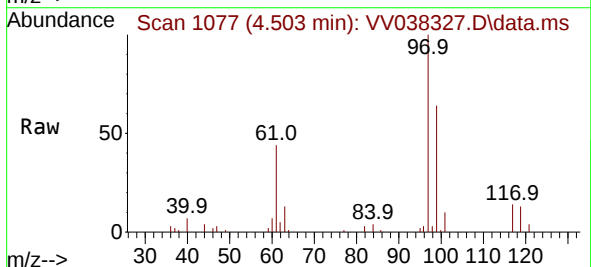
Instrument :
MSVOA_V
ClientSampleId :

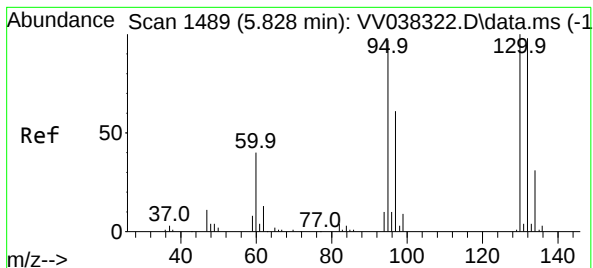
Tgt Ion: 97 Resp: 31174
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.8
61 37.7 32.2 48.2



#31
Carbon tetrachloride
Concen: 0.162 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. -0.219 min
Lab File: VV038327.D
Acq: 24 Nov 2024 13:14

Tgt Ion: 117 Resp: 4142
Ion Ratio Lower Upper
117 100
119 88.8 77.4 116.2





#34

Trichloroethene

Concen: 0.689 ug/L

RT: 5.837 min Scan# 1489

Delta R.T. 0.009 min

Lab File: VV038327.D

Acq: 24 Nov 2024 13:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 12716

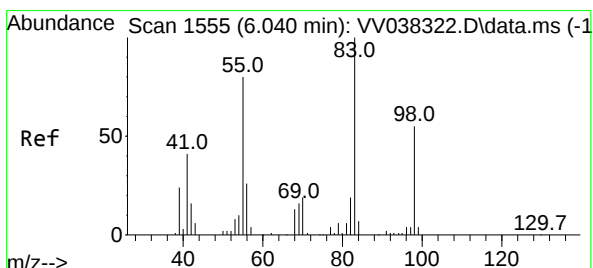
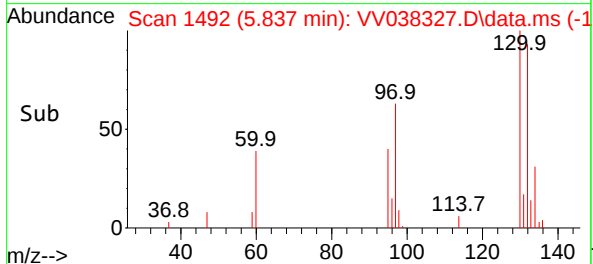
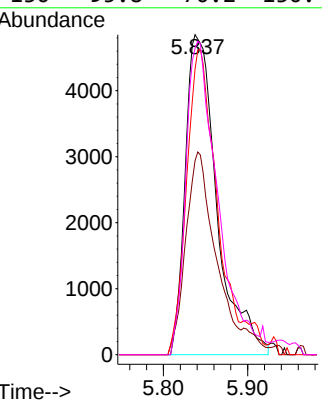
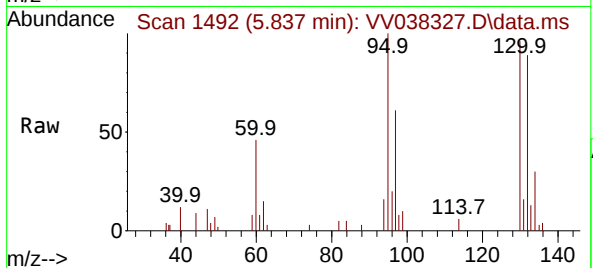
Ion Ratio Lower Upper

95 100

97 60.7 44.8 83.2

132 89.3 68.3 126.8

130 95.8 70.2 130.4



#35

Methylcyclohexane

Concen: 0.856 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV038327.D

Acq: 24 Nov 2024 13:14

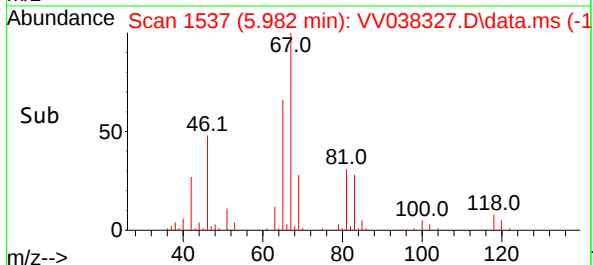
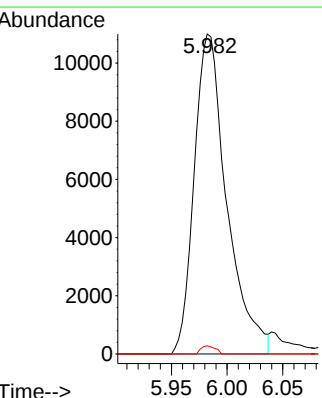
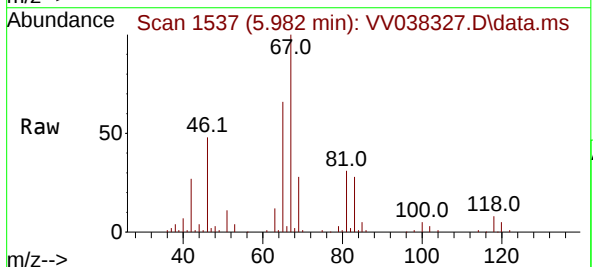
Tgt Ion: 83 Resp: 22347

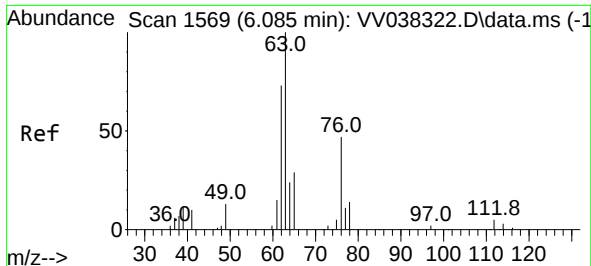
Ion Ratio Lower Upper

83 100

55 0.0 59.7 89.5#

98 1.1 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.589 ug/L

RT: 5.982 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV038327.D

Acq: 24 Nov 2024 13:14

Instrument :

MSVOA_V

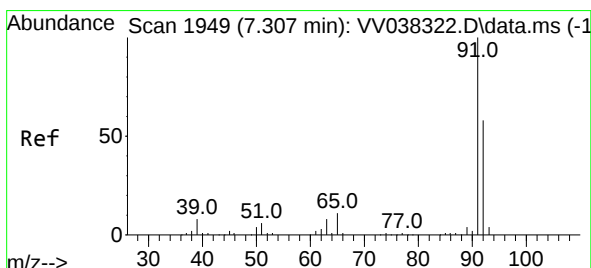
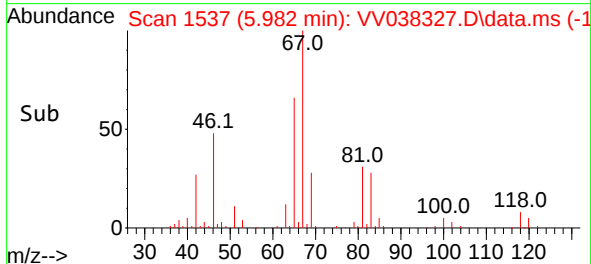
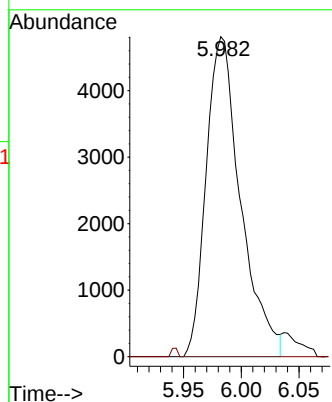
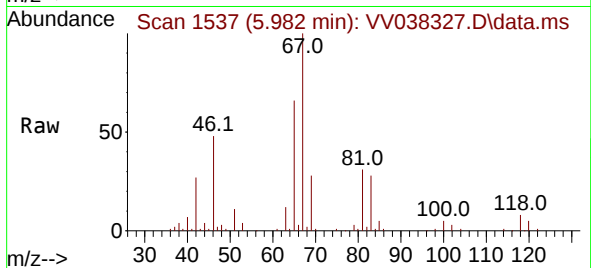
ClientSampleId :

Tgt Ion: 63 Resp: 9982

Ion Ratio Lower Upper

63 100

112 0.5 3.9 5.9#



#42

Toluene

Concen: 0.393 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.016 min

Lab File: VV038327.D

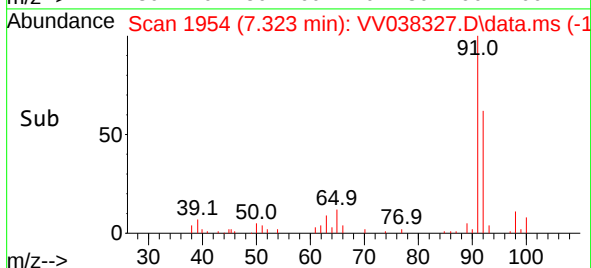
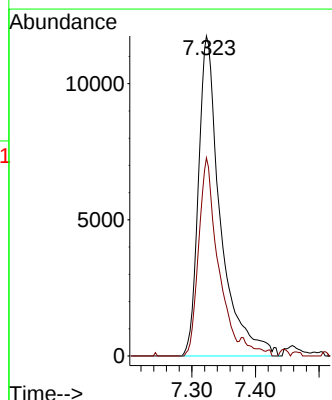
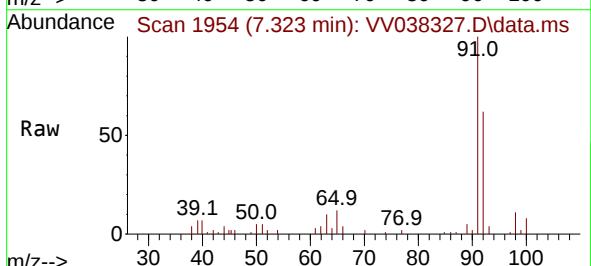
Acq: 24 Nov 2024 13:14

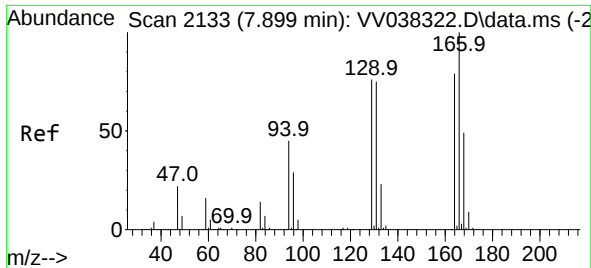
Tgt Ion: 91 Resp: 28209

Ion Ratio Lower Upper

91 100

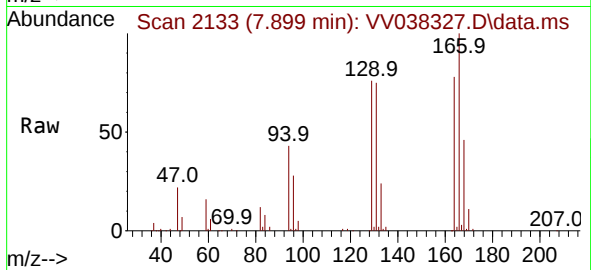
92 61.9 40.8 75.8



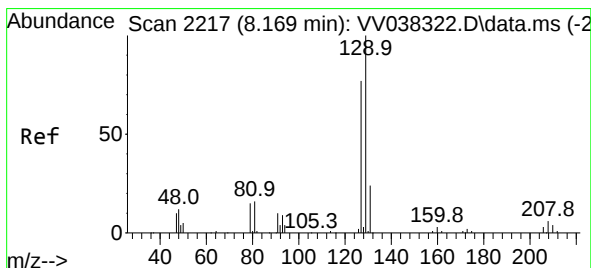
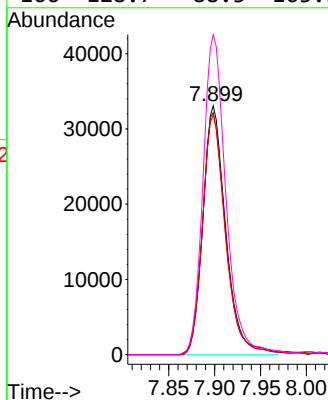
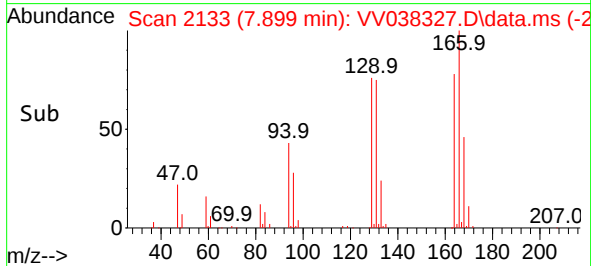


#47
Tetrachloroethene
Concen: 3.872 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV038327.D
Acq: 24 Nov 2024 13:14

Instrument :
MSVOA_V
ClientSampleId :

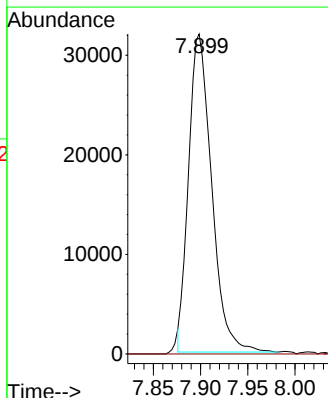
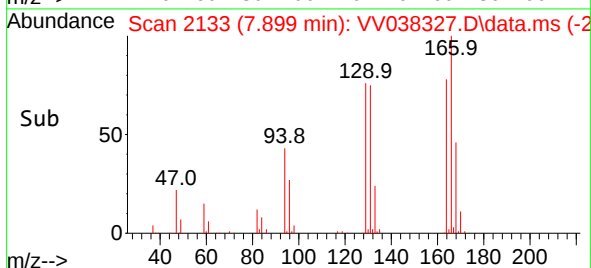
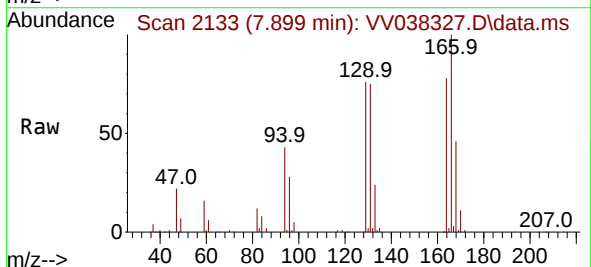


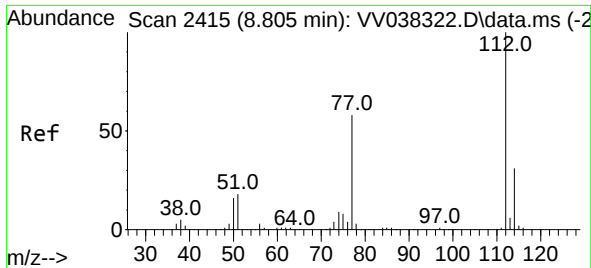
Tgt Ion:164 Resp: 57422
Ion Ratio Lower Upper
164 100
129 97.2 68.5 127.1
131 96.4 64.8 120.4
166 128.7 88.3 163.9



#49
Dibromochloromethane
Concen: 3.618 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.270 min
Lab File: VV038327.D
Acq: 24 Nov 2024 13:14

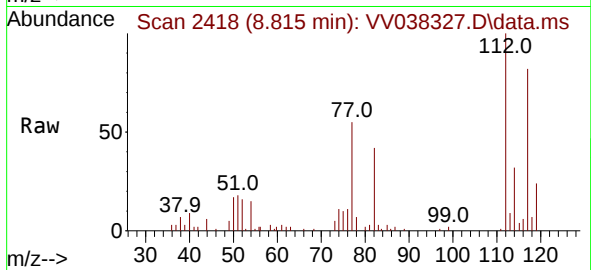
Tgt Ion:129 Resp: 54251
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



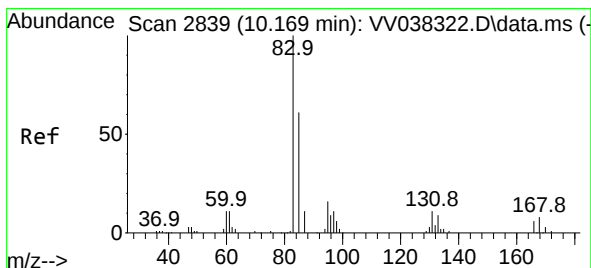
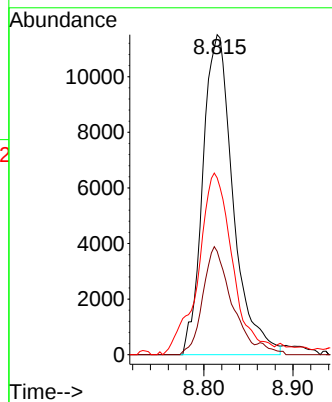
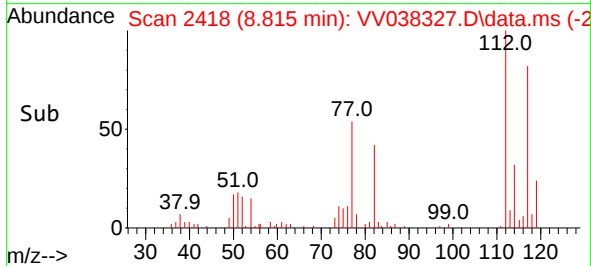


#51
Chlorobenzene
Concen: 0.551 ug/L
RT: 8.815 min Scan# 2415
Delta R.T. 0.009 min
Lab File: VV038327.D
Acq: 24 Nov 2024 13:14

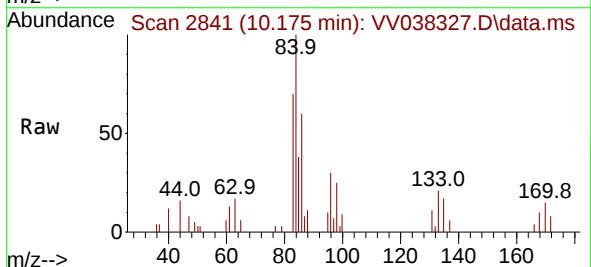
Instrument :
MSVOA_V
ClientSampleId :



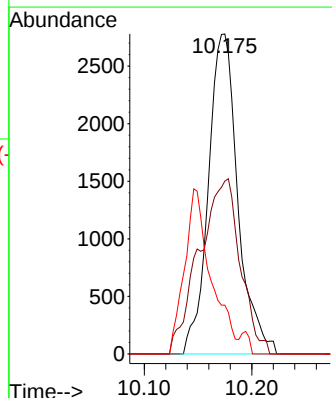
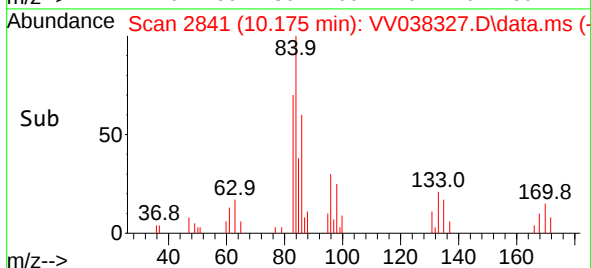
Tgt Ion:112 Resp: 27211
Ion Ratio Lower Upper
112 100
114 32.3 22.0 40.8
77 55.3 45.0 67.4

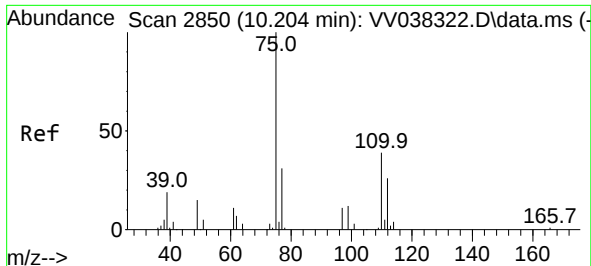


#57
1,1,2,2-Tetrachloroethane
Concen: 0.330 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.006 min
Lab File: VV038327.D
Acq: 24 Nov 2024 13:14



Tgt Ion: 83 Resp: 5303
Ion Ratio Lower Upper
83 100
85 54.0 45.7 84.9
131 15.3 8.2 12.4#





#61

1,2,3-Trichloropropane

Concen: 1.300 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.974 min

Lab File: VV038327.D

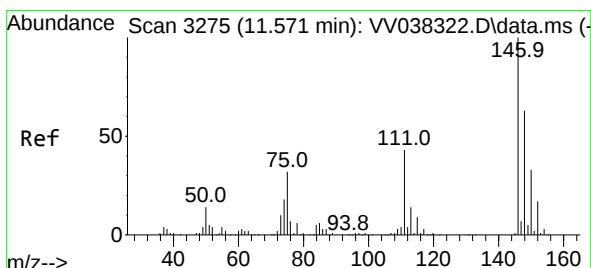
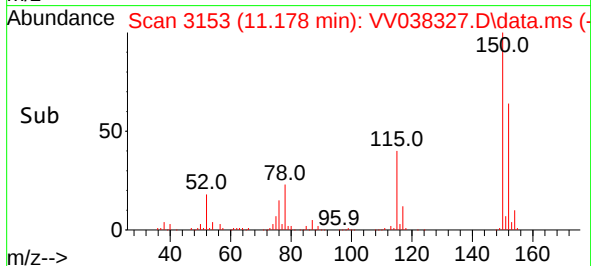
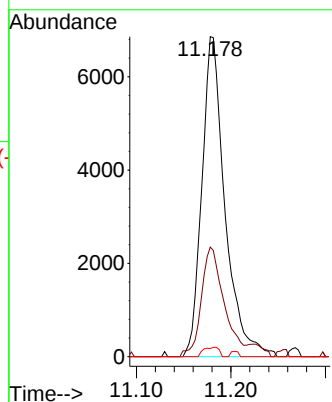
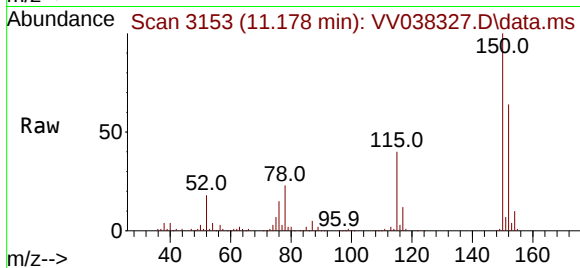
Acq: 24 Nov 2024 13:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 75	Resp: 11642
Ion Ratio	Lower Upper
75	100
77	33.9 26.4 39.6
110	2.0 32.3 48.5#



#67

1,2-Dichlorobenzene

Concen: 0.258 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV038327.D

Acq: 24 Nov 2024 13:14

Tgt Ion: 146	Resp: 7738
Ion Ratio	Lower Upper
146	100
111	47.7 34.2 51.2
148	63.9 51.0 76.4

