

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
 Data File : VV038304.D
 Acq On : 23 Nov 2024 17:36
 Operator : SY/MD
 Sample : P4884-10DL 2X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 23:01:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	183145	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	205142	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	84247	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	58518	4.169	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.529	69	61058	5.377	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.600%
11) 1,1-Dichloroethene-d2	2.053	65	26917	4.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	3.786	46	154348	54.963	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.920%
24) Chloroform-d	4.239	84	156906	5.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.200%
26) 1,2-Dichloroethane-d4	4.937	65	77633	6.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	127.000%
32) Benzene-d6	4.953	84	262077	4.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	5.982	67	90542	5.550	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.000%
41) Toluene-d8	7.239	98	196116	3.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.558	79	28327	4.670	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.021	63	124389	52.755	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.520%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	76767	5.543	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	83683	5.830	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	2647	0.193	ug/L #	77
13) Acetone	1.867	43	683598	329.139	ug/L	41
15) Methyl Acetate	2.114	43	14052	2.786	ug/L #	47
16) Methylene chloride	2.442	84	12265	0.822	ug/L	92
17) Methyl tert-butyl Ether	2.703	73	6367	0.215	ug/L #	93
22) cis-1,2-Dichloroethene	3.812	96	8158	0.573	ug/L	86
27) 1,2-Dichloroethane	5.075	62	2311	0.159	ug/L #	72
29) 1,1,1-Trichloroethane	4.506	97	15048	0.612	ug/L	96
34) Trichloroethene	5.828	95	107941	6.872	ug/L	99
35) Methylcyclohexane	5.982	83	23092	1.039	ug/L #	19
37) 1,2-Dichloropropane	5.979	63	9778	0.677	ug/L #	87
42) Toluene	7.329	91	8482	0.139	ug/L	95
47) Tetrachloroethene	7.899	164	116655	9.242	ug/L	98
48) 2-Hexanone	8.017	43	15917	2.906	ug/L #	64
49) Dibromochloromethane	7.899	129	111658	8.749	ug/L #	11
51) Chlorobenzene	8.818	112	5486	0.130	ug/L	96
61) 1,2,3-Trichloropropane	11.178	75	9791	1.357	ug/L #	65

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
Data File : VV038304.D
Acq On : 23 Nov 2024 17:36
Operator : SY/MD
Sample : P4884-10DL 2X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 23 23:01:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 23 02:01:29 2024
Response via : Initial Calibration

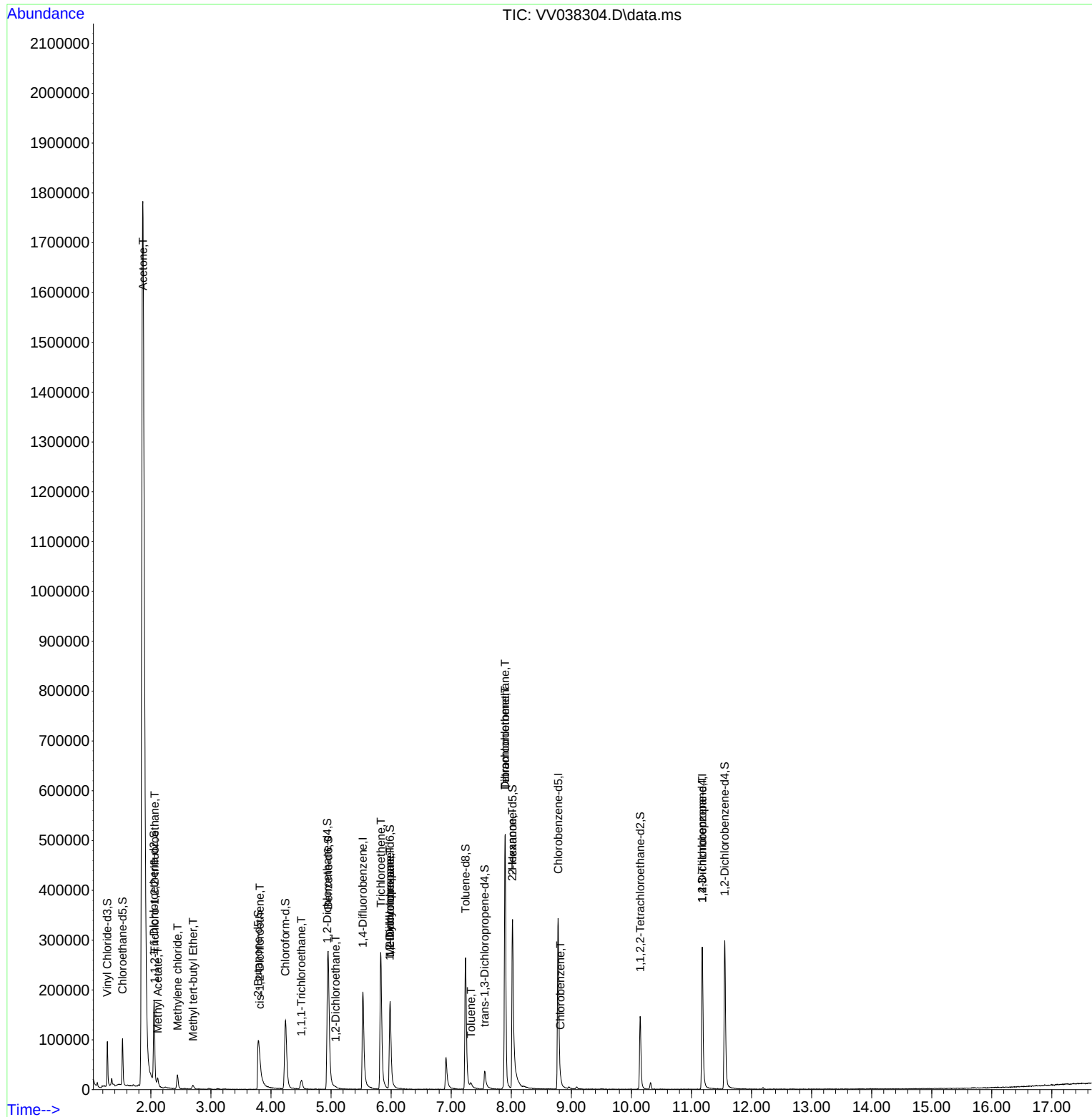
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

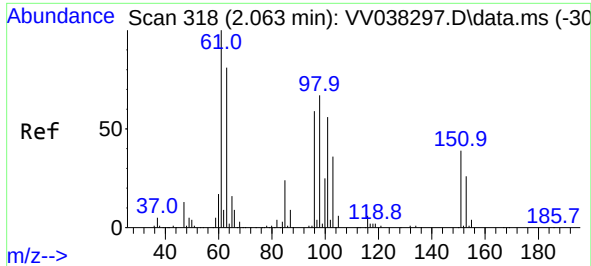
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
Data File : VV038304.D
Acq On : 23 Nov 2024 17:36
Operator : SY/MD
Sample : P4884-10DL 2X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 23 23:01:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 23 02:01:29 2024
Response via : Initial Calibration

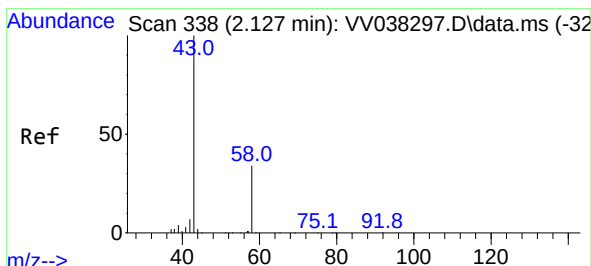
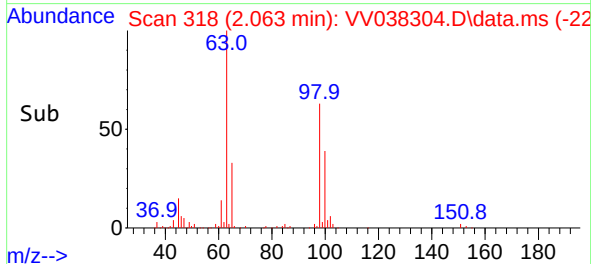
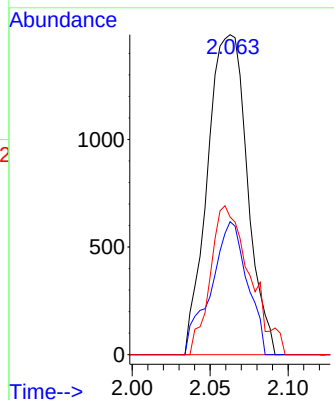
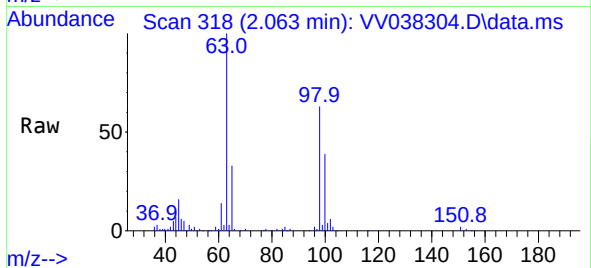




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.193 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038304.D
Acq: 23 Nov 2024 17:36

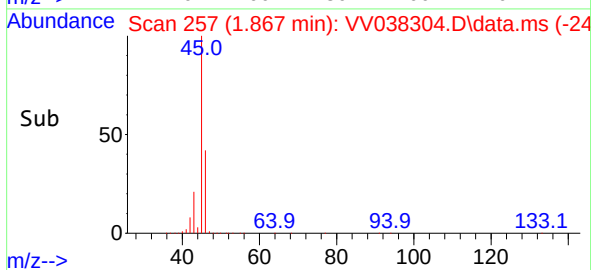
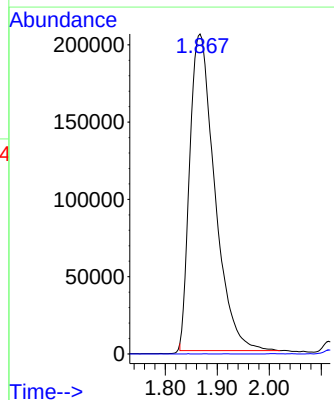
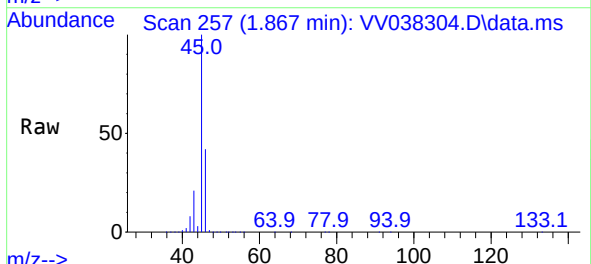
Instrument :
MSVOA_V
ClientSampleId :

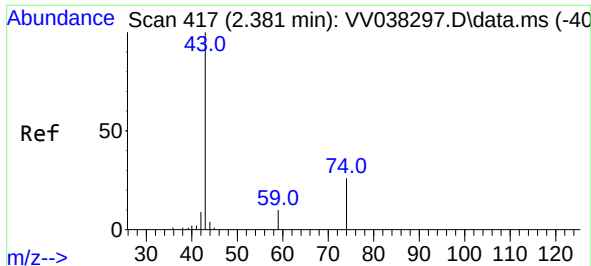
Tgt Ion:101 Resp: 2647
Ion Ratio Lower Upper
101 100
85 37.8 33.4 50.0
151 46.2 58.8 88.2#



#13
Acetone
Concen: 329.139 ug/L
RT: 1.867 min Scan# 257
Delta R.T. -0.254 min
Lab File: VV038304.D
Acq: 23 Nov 2024 17:36

Tgt Ion: 43 Resp: 683598
Ion Ratio Lower Upper
43 100
58 0.0 0.0 67.2

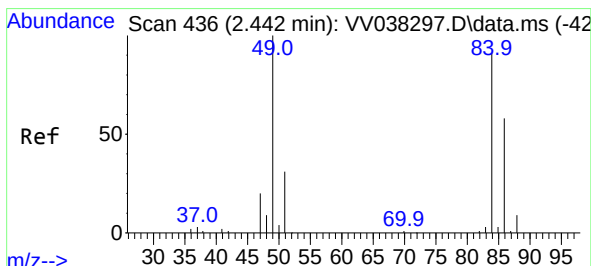
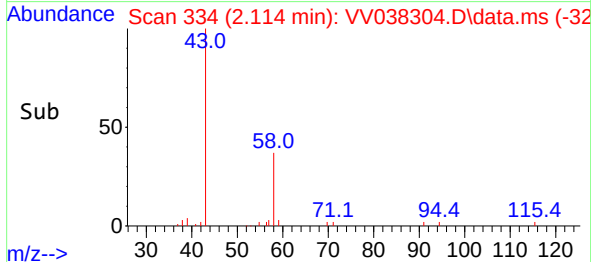
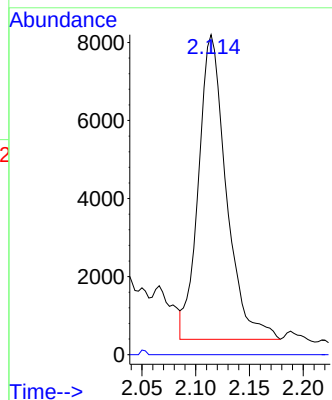
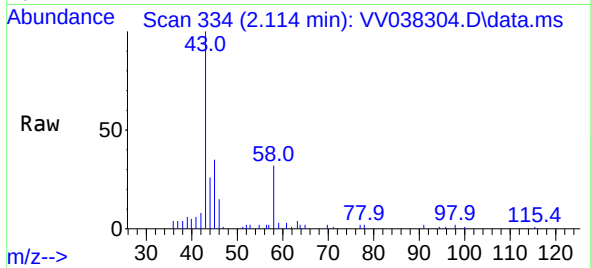




#15
Methyl Acetate
Concen: 2.786 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.264 min
Lab File: VV038304.D
Acq: 23 Nov 2024 17:36

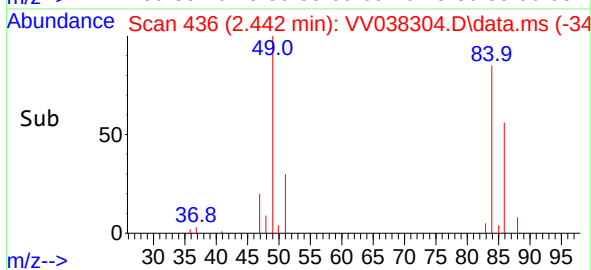
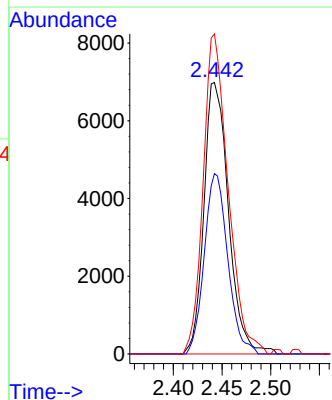
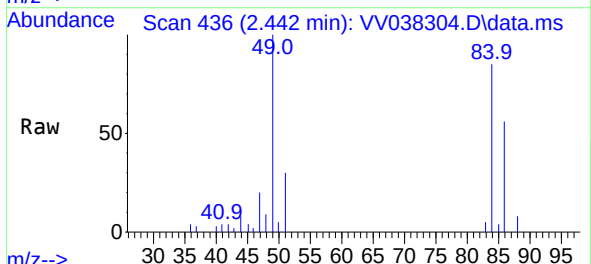
Instrument :
MSVOA_V
ClientSampleId :

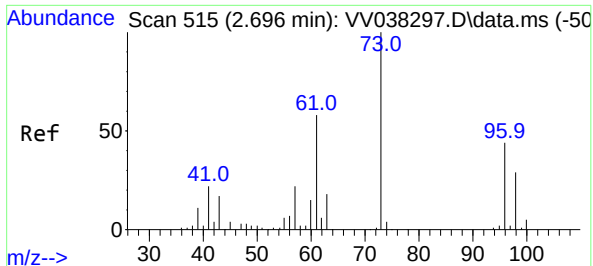
Tgt Ion: 43 Resp: 14052
Ion Ratio Lower Upper
43 100
74 0.0 22.4 33.6#



#16
Methylene chloride
Concen: 0.822 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038304.D
Acq: 23 Nov 2024 17:36

Tgt Ion: 84 Resp: 12265
Ion Ratio Lower Upper
84 100
86 66.4 44.2 82.2
49 117.8 74.9 139.1





#17

Methyl tert-butyl Ether

Concen: 0.215 ug/L

RT: 2.703 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV038304.D

Acq: 23 Nov 2024 17:36

Instrument :

MSVOA_V

ClientSampleId :

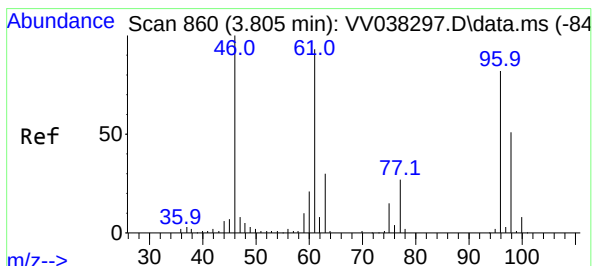
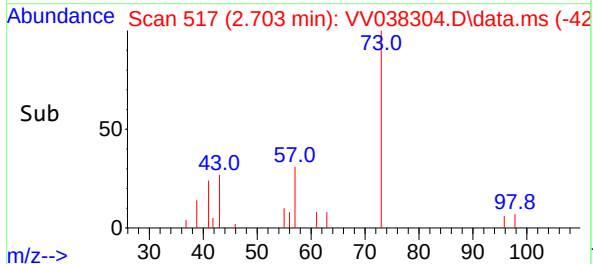
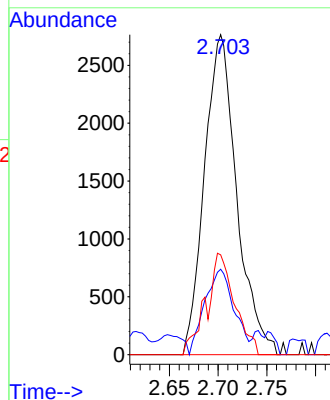
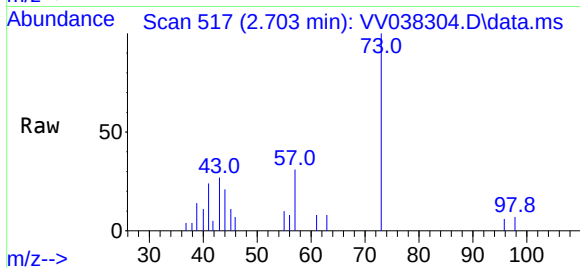
Tgt Ion: 73 Resp: 6367

Ion Ratio Lower Upper

73 100

43 24.3 14.2 21.2#

57 21.7 17.6 26.4



#22

cis-1,2-Dichloroethene

Concen: 0.573 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.006 min

Lab File: VV038304.D

Acq: 23 Nov 2024 17:36

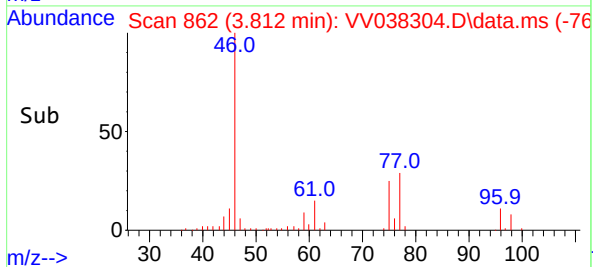
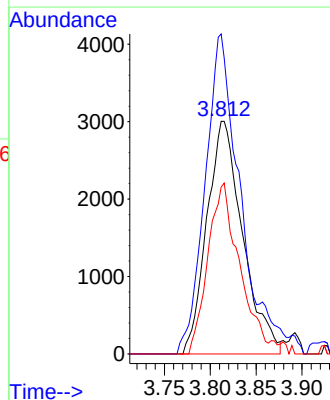
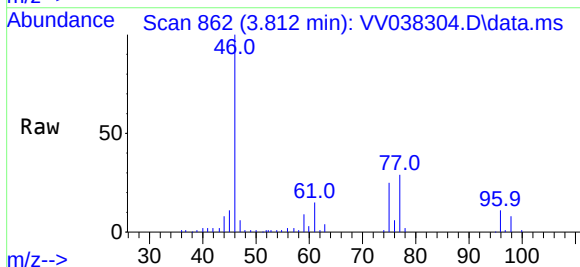
Tgt Ion: 96 Resp: 8158

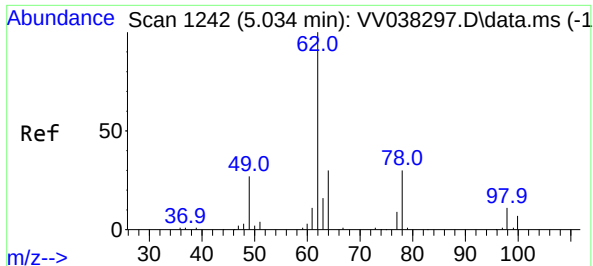
Ion Ratio Lower Upper

96 100

61 137.5 82.7 153.5

98 71.7 46.3 85.9

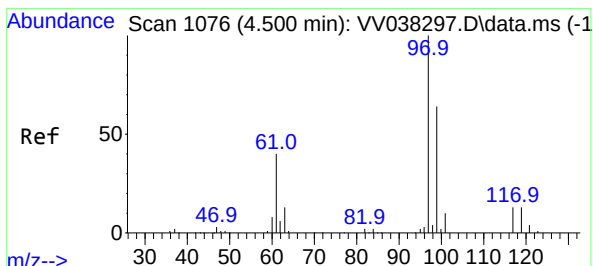
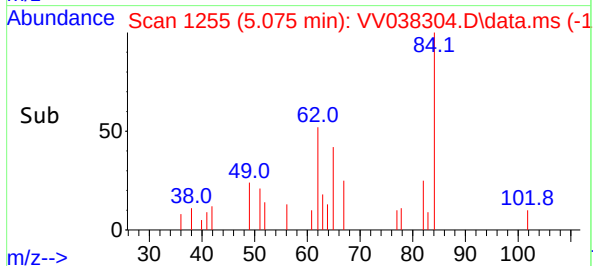
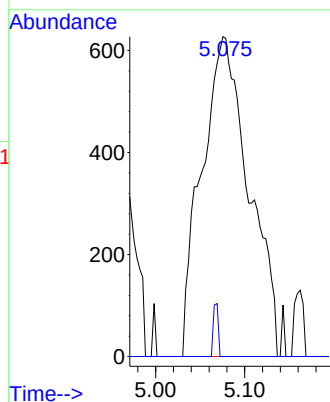
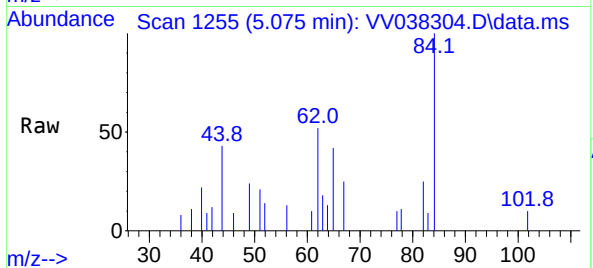




#27
1,2-Dichloroethane
Concen: 0.159 ug/L
RT: 5.075 min Scan# 11
Delta R.T. 0.039 min
Lab File: VV038304.D
Acq: 23 Nov 2024 17:36

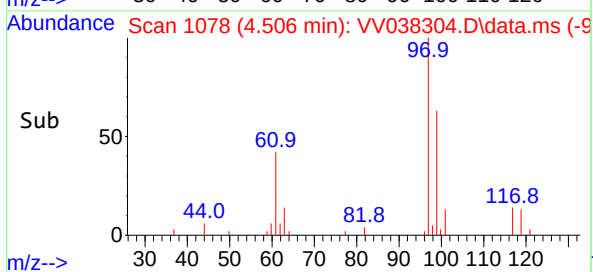
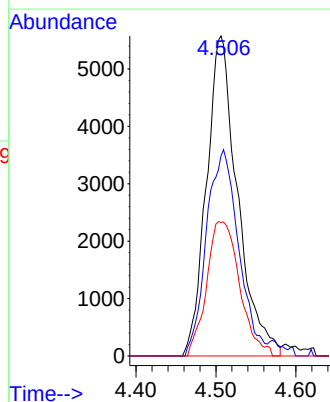
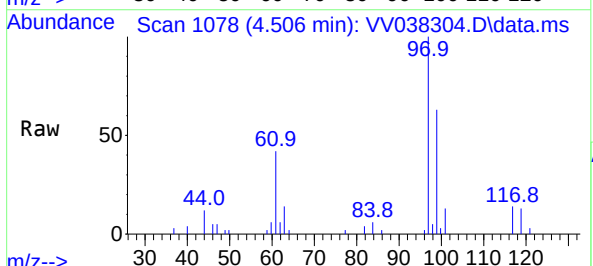
Instrument :
MSVOA_V
ClientSampleId :

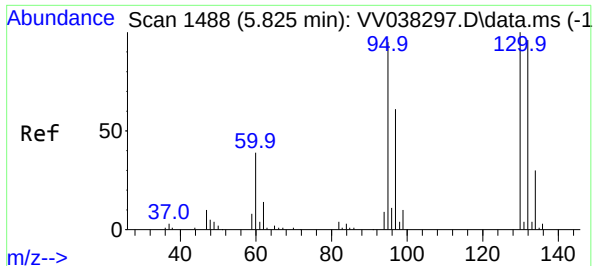
Tgt Ion: 62 Resp: 2311
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#29
1,1,1-Trichloroethane
Concen: 0.612 ug/L
RT: 4.506 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VV038304.D
Acq: 23 Nov 2024 17:36

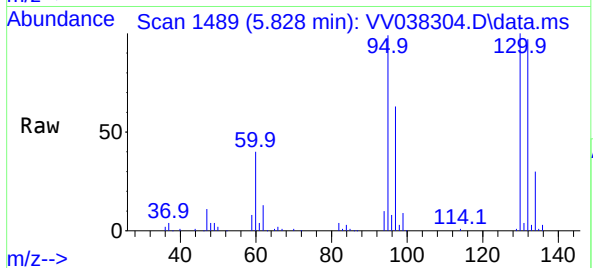
Tgt Ion: 97 Resp: 15048
Ion Ratio Lower Upper
97 100
99 66.7 51.8 77.8
61 44.6 32.2 48.2





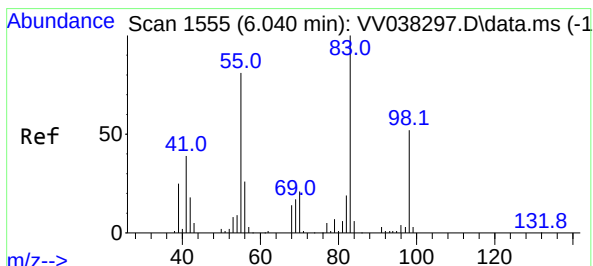
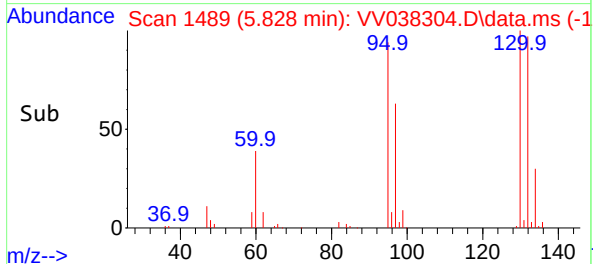
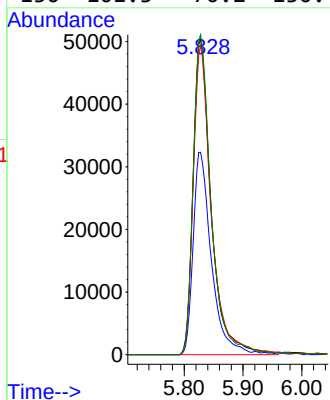
#34
Trichloroethene
Concen: 6.872 ug/L
RT: 5.828 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VV038304.D
Acq: 23 Nov 2024 17:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 107941

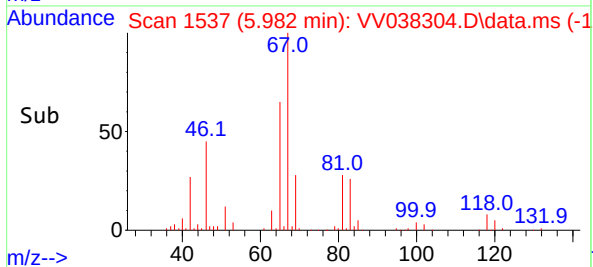
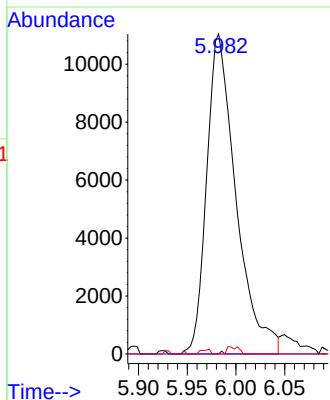
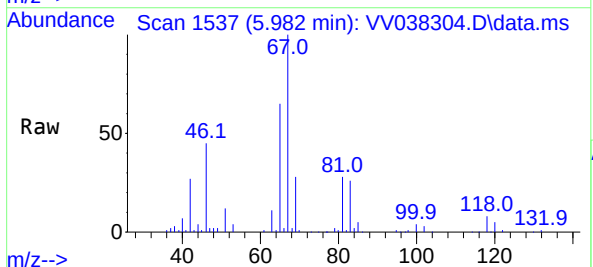
Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.8	83.2
132	98.0	68.3	126.8
130	101.3	70.2	130.4

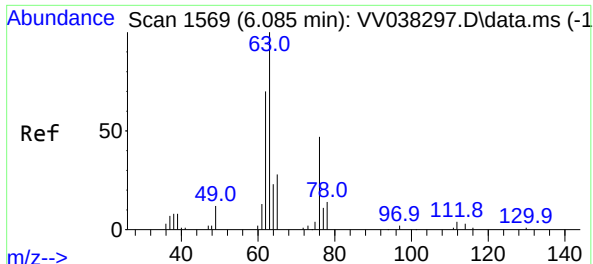


#35
Methylcyclohexane
Concen: 1.039 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038304.D
Acq: 23 Nov 2024 17:36

Tgt Ion: 83 Resp: 23092

Ion	Ratio	Lower	Upper
83	100		
55	0.1	59.7	89.5#
98	0.9	39.0	58.4#

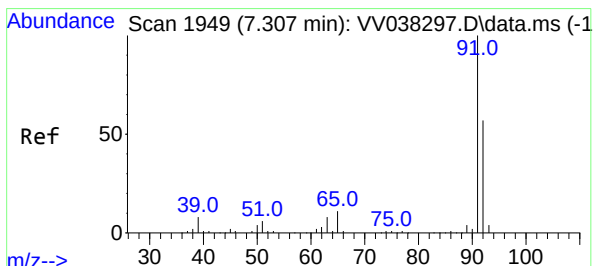
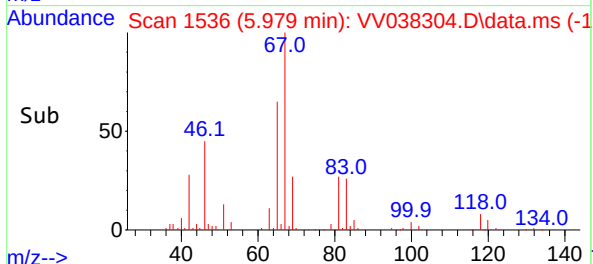
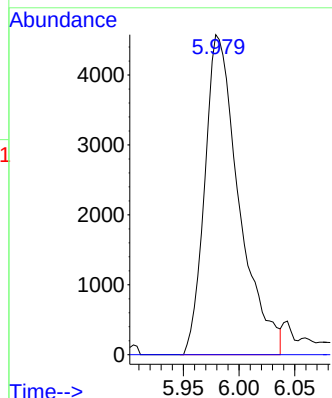
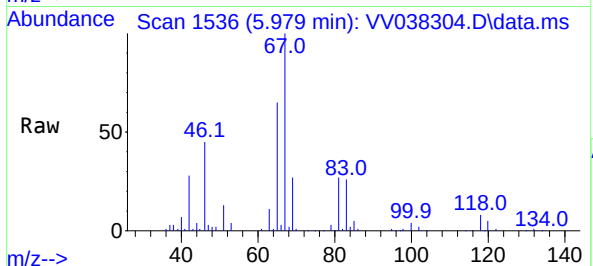




#37
1,2-Dichloropropane
Concen: 0.677 ug/L
RT: 5.979 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV038304.D
Acq: 23 Nov 2024 17:36

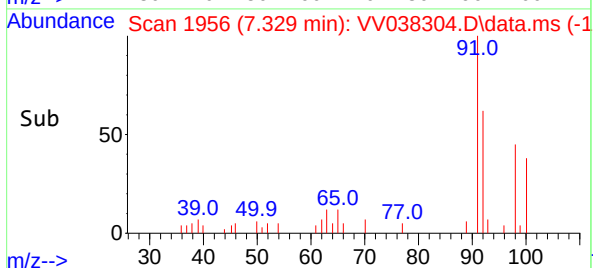
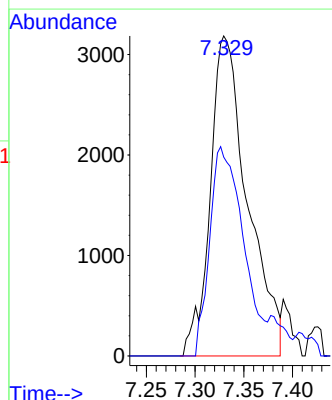
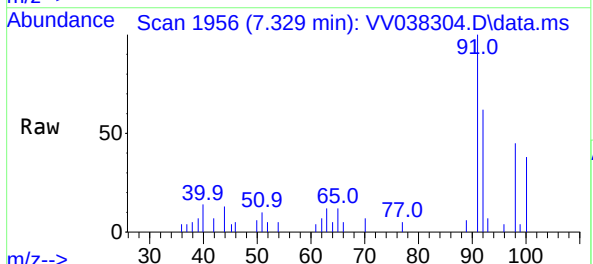
Instrument :
MSVOA_V
ClientSampleId :

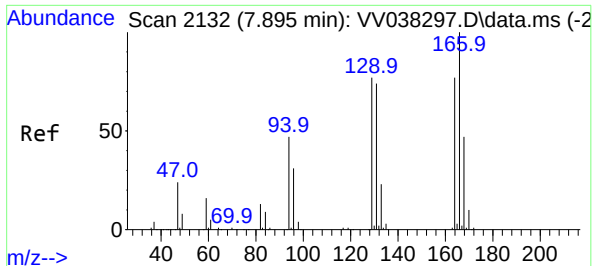
Tgt Ion: 63 Resp: 9778
Ion Ratio Lower Upper
63 100
112 0.5 3.9 5.9#



#42
Toluene
Concen: 0.139 ug/L
RT: 7.329 min Scan# 1956
Delta R.T. 0.023 min
Lab File: VV038304.D
Acq: 23 Nov 2024 17:36

Tgt Ion: 91 Resp: 8482
Ion Ratio Lower Upper
91 100
92 62.1 40.8 75.8





#47

Tetrachloroethene

Concen: 9.242 ug/L

RT: 7.899 min Scan# 2132

Delta R.T. 0.003 min

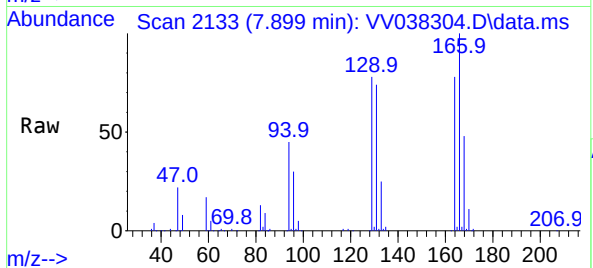
Lab File: VV038304.D

Acq: 23 Nov 2024 17:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 116655

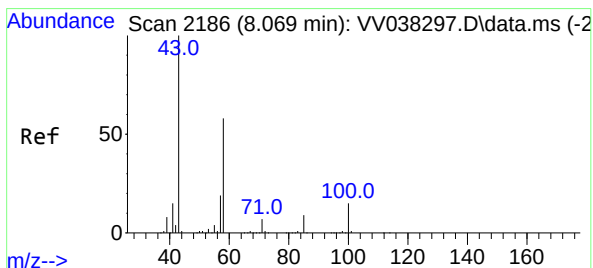
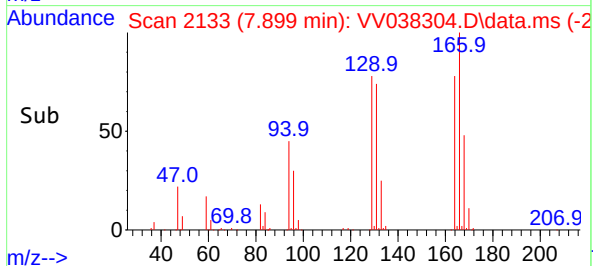
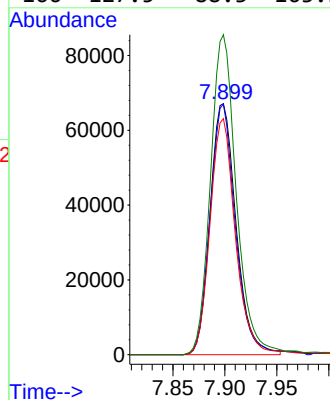
Ion Ratio Lower Upper

164 100

129 99.8 68.5 127.1

131 94.0 64.8 120.4

166 127.5 88.3 163.9



#48

2-Hexanone

Concen: 2.906 ug/L

RT: 8.017 min Scan# 2170

Delta R.T. -0.051 min

Lab File: VV038304.D

Acq: 23 Nov 2024 17:36

Tgt Ion: 43 Resp: 15917

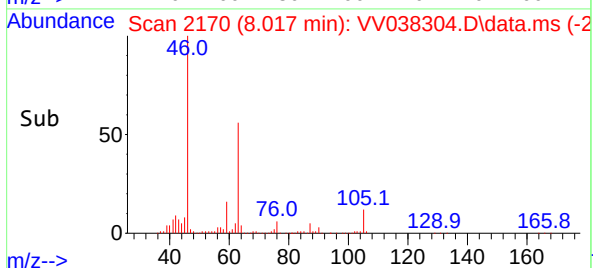
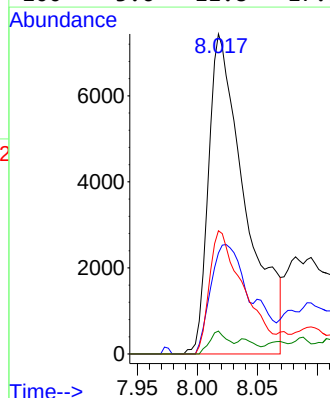
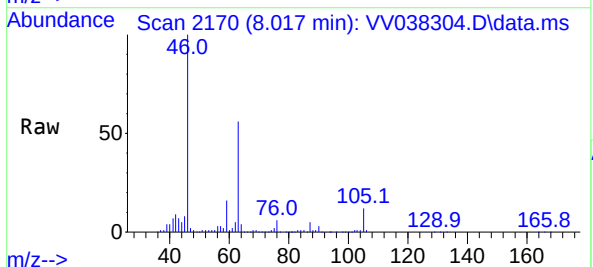
Ion Ratio Lower Upper

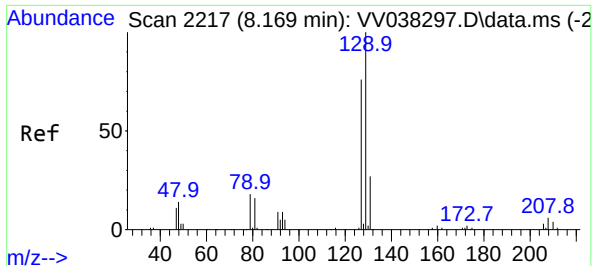
43 100

58 31.0 49.2 73.8#

57 36.4 16.9 25.3#

100 3.6 11.8 17.8#

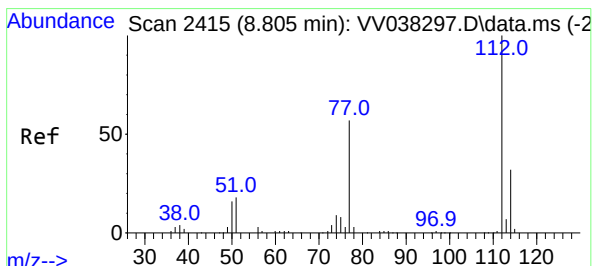
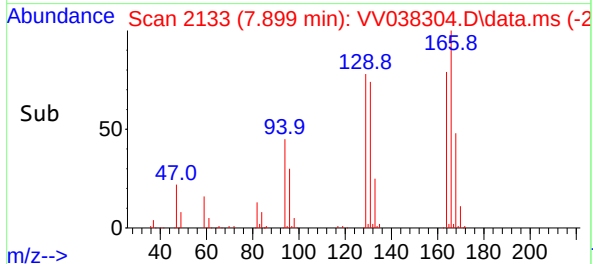
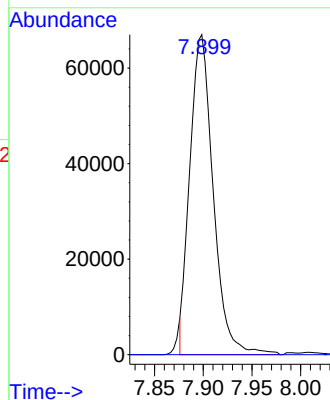
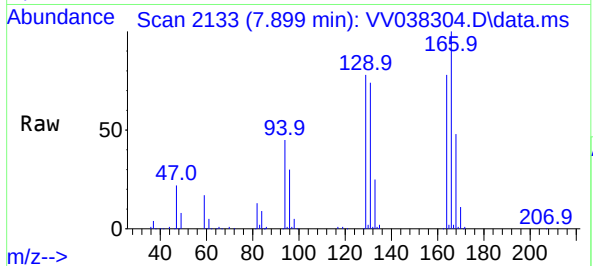




#49
Dibromochloromethane
Concen: 8.749 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.270 min
Lab File: VV038304.D
Acq: 23 Nov 2024 17:36

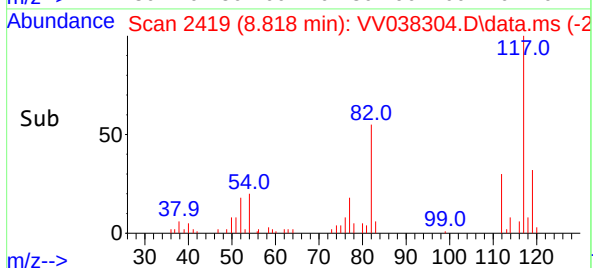
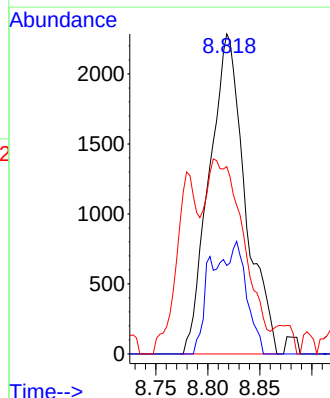
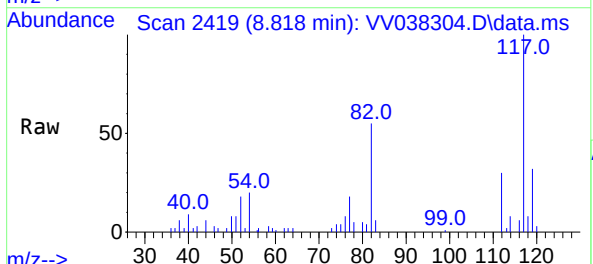
Instrument :
MSVOA_V
ClientSampleId :

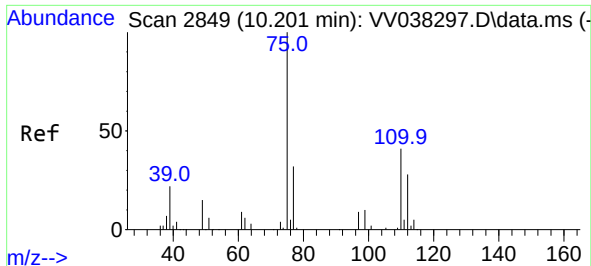
Tgt Ion:129 Resp: 111658
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



#51
Chlorobenzene
Concen: 0.130 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.013 min
Lab File: VV038304.D
Acq: 23 Nov 2024 17:36

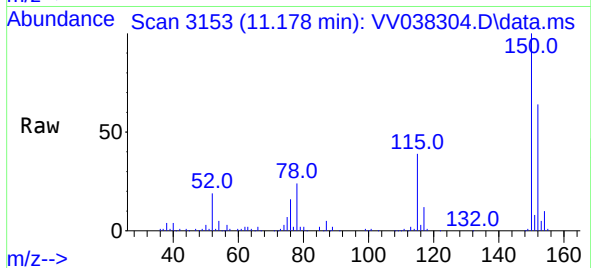
Tgt Ion:112 Resp: 5486
Ion Ratio Lower Upper
112 100
114 27.6 22.0 40.8
77 58.5 45.0 67.4





#61
1,2,3-Trichloropropane
Concen: 1.357 ug/L
RT: 11.178 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV038304.D
Acq: 23 Nov 2024 17:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 9791

Ion	Ratio	Lower	Upper
75	100		
77	35.1	26.4	39.6
110	2.6	32.3	48.5#

