

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW112324\
 Data File : VW038317.D
 Acq On : 23 Nov 2024 22:50
 Operator : SY/MD
 Sample : P4884-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 00:52:57 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	218342	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	243253	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	99128	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	55623	3.324	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.529	69	59453	4.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.053	65	25700	3.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	3.786	46	177795	53.107	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.220%
24) Chloroform-d	4.240	84	148669	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.937	65	76540	5.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	4.953	84	251763	4.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	5.982	67	90218	4.663	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.240	98	188934	3.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.000%#
43) trans-1,3-Dichloroprop...	7.558	79	27130	3.772	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.018	63	139982	50.067	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.140%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	78001	4.749	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	80802	4.784	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
2) Dichlorodifluoromethane	1.105	85	4868	0.236	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	3340	0.204	ug/L #	75
13) Acetone	1.876	43	955378	385.844	ug/L	41
16) Methylene chloride	2.442	84	17355	0.976	ug/L	97
17) Methyl tert-butyl Ether	2.700	73	19211	0.545	ug/L	94
18) trans-1,2-Dichloroethene	2.696	96	2468	0.150	ug/L	84
22) cis-1,2-Dichloroethene	3.812	96	13170	0.775	ug/L	97
25) Chloroform	4.281	83	5071	0.159	ug/L	95
27) 1,2-Dichloroethane	5.063	62	2090	0.120	ug/L #	72
29) 1,1,1-Trichloroethane	4.507	97	23275	0.798	ug/L	97
31) Carbon tetrachloride	4.500	117	3296	0.128	ug/L	92
34) Trichloroethene	5.825	95	253219	13.595	ug/L	98
35) Methylcyclohexane	5.982	83	22078	0.838	ug/L #	20
37) 1,2-Dichloropropane	5.979	63	10002	0.584	ug/L #	86
47) Tetrachloroethene	7.895	164	250944	16.766	ug/L	98
49) Dibromochloromethane	7.895	129	231841	15.320	ug/L #	11
51) Chlorobenzene	8.815	112	8727	0.175	ug/L	93
61) 1,2,3-Trichloropropane	11.178	75	12005	1.415	ug/L #	64

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 23 02:01:29 2024
Response via : Initial Calibration

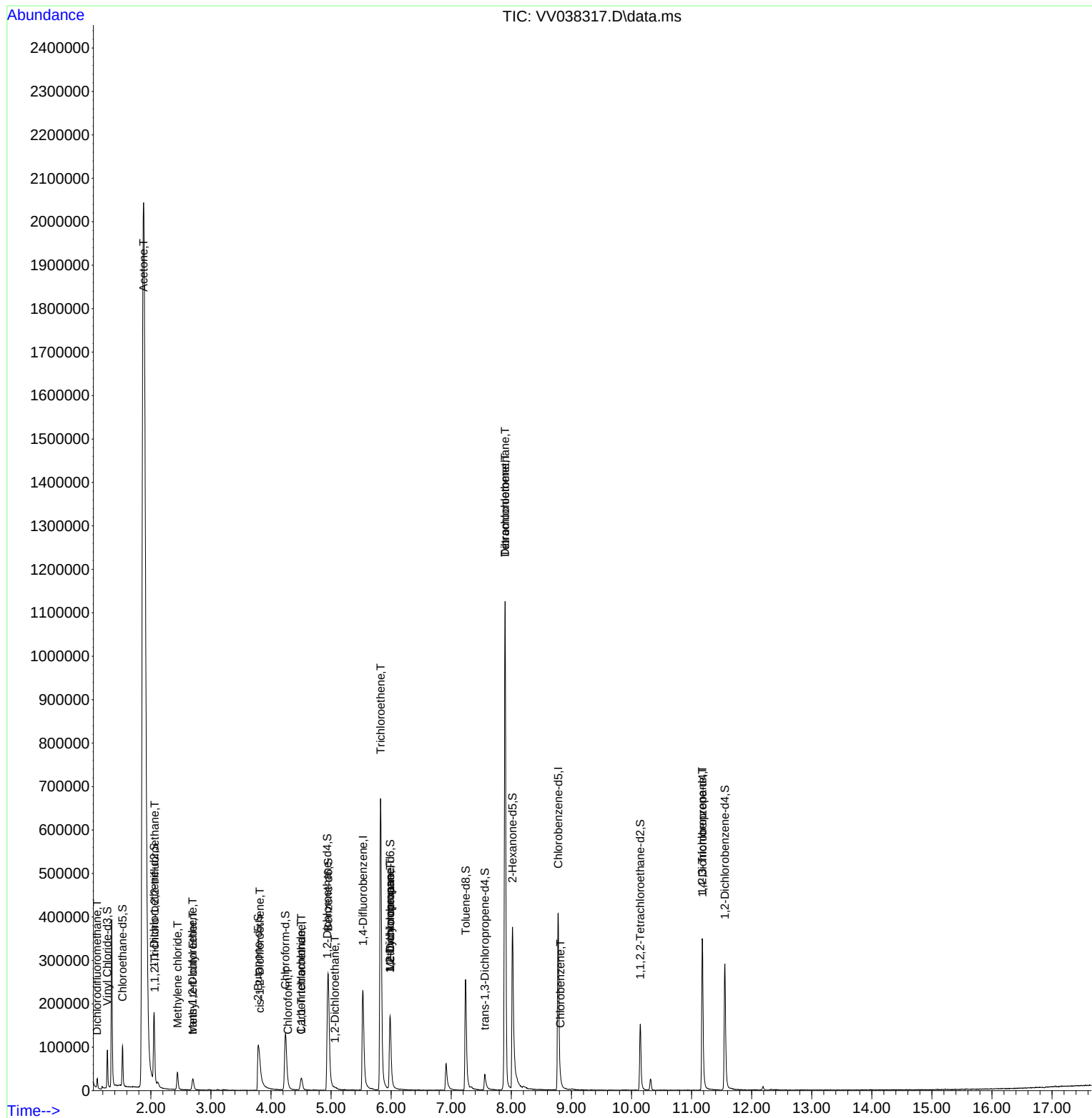
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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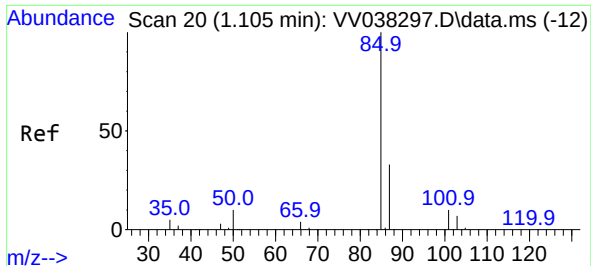
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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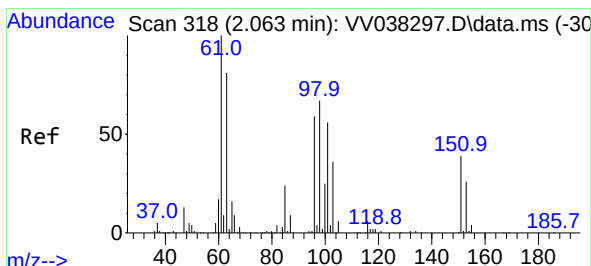
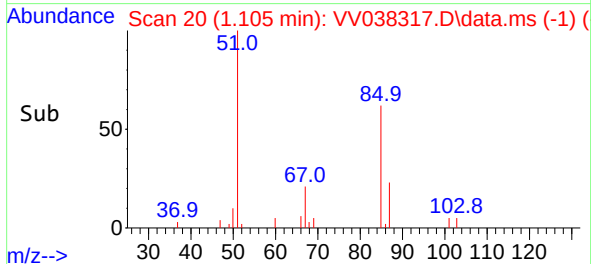
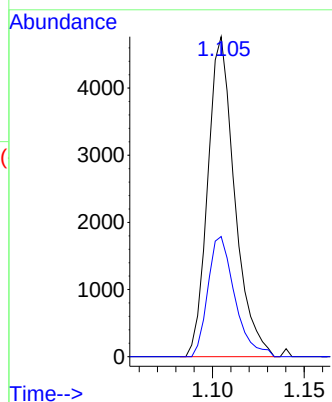
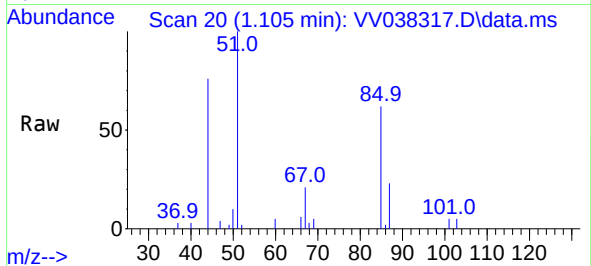




#2
Dichlorodifluoromethane
Concen: 0.236 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038317.D
Acq: 23 Nov 2024 22:50

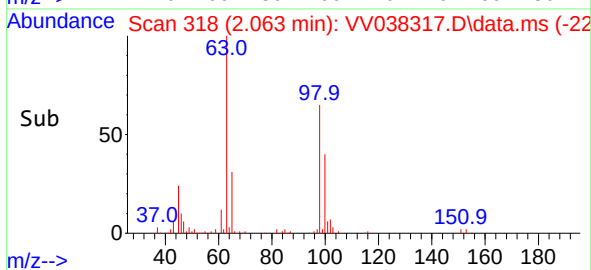
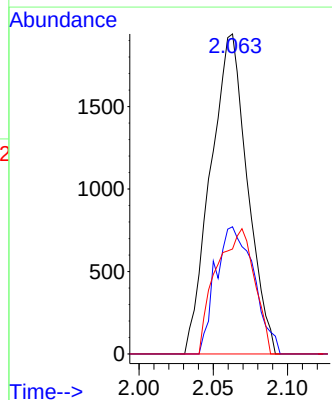
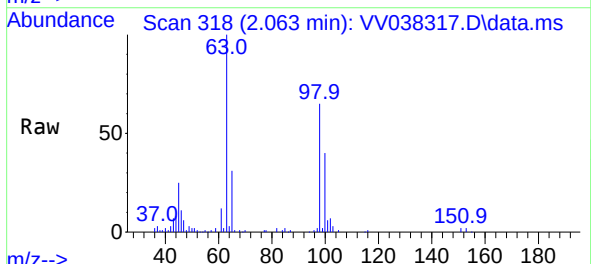
Instrument :
MSVOA_V
ClientSampleId :

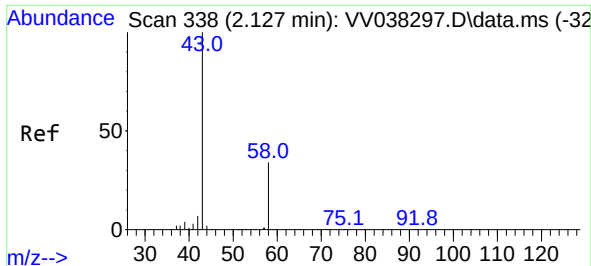
Tgt Ion: 85 Resp: 4868
Ion Ratio Lower Upper
85 100
87 37.5 26.5 39.7



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.204 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038317.D
Acq: 23 Nov 2024 22:50

Tgt Ion: 101 Resp: 3340
Ion Ratio Lower Upper
101 100
85 41.3 33.4 50.0
151 40.8 58.8 88.2





#13

Acetone

Concen: 385.844 ug/L

RT: 1.876 min Scan# 2

Delta R.T. -0.244 min

Lab File: VV038317.D

Acq: 23 Nov 2024 22:50

Instrument :

MSVOA_V

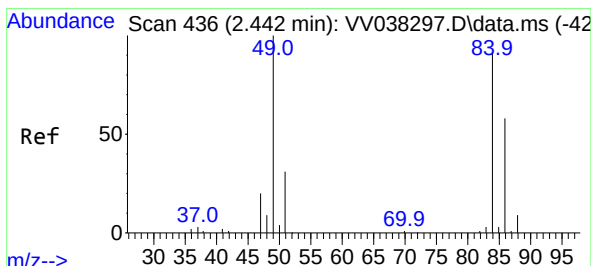
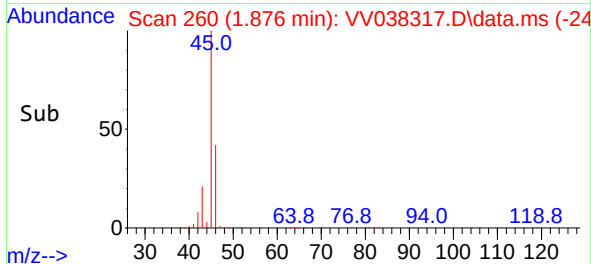
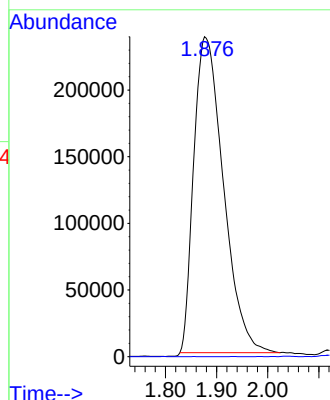
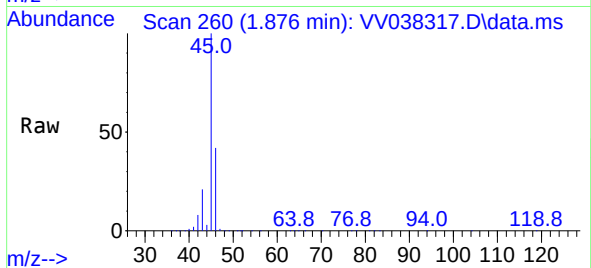
ClientSampleId :

Tgt Ion: 43 Resp: 955378

Ion Ratio Lower Upper

43 100

58 0.0 0.0 67.2



#16

Methylene chloride

Concen: 0.976 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV038317.D

Acq: 23 Nov 2024 22:50

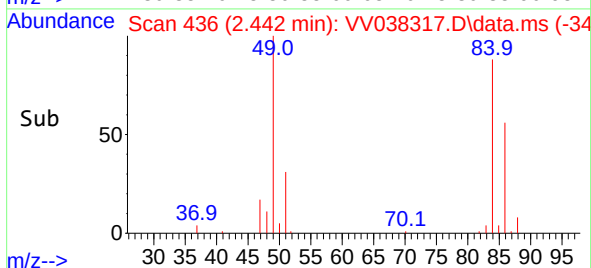
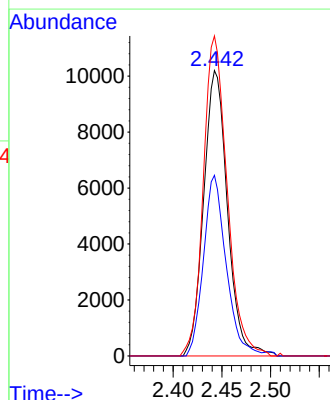
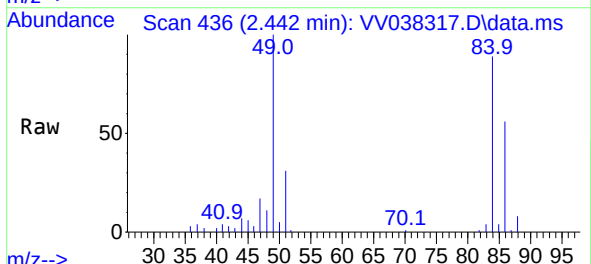
Tgt Ion: 84 Resp: 17355

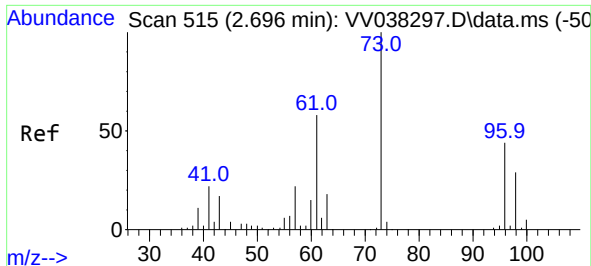
Ion Ratio Lower Upper

84 100

86 63.3 44.2 82.2

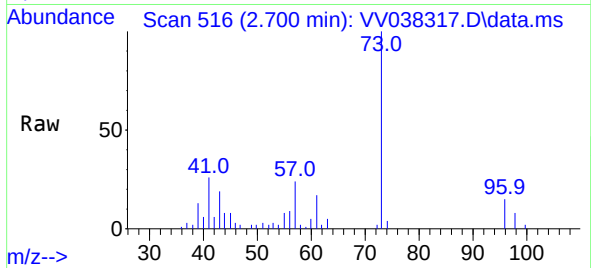
49 112.1 74.9 139.1





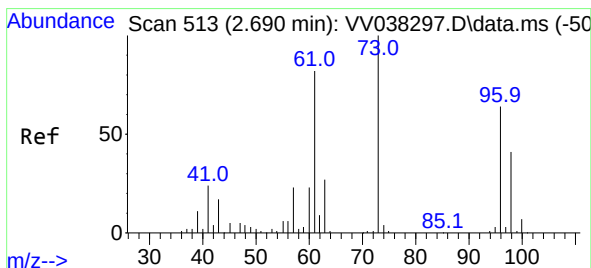
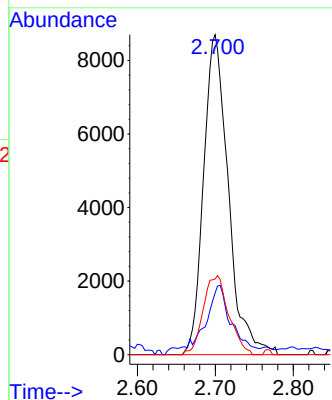
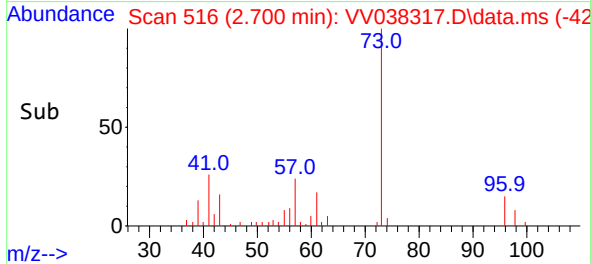
#17
Methyl tert-butyl Ether
Concen: 0.545 ug/L
RT: 2.700 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV038317.D
Acq: 23 Nov 2024 22:50

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 73 Resp: 19211

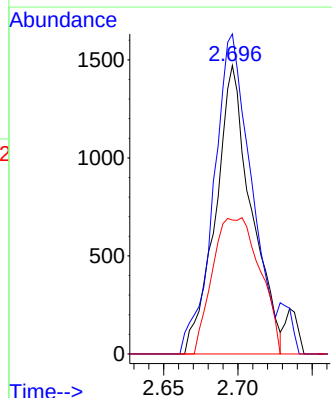
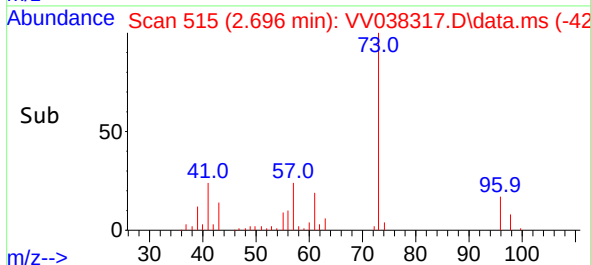
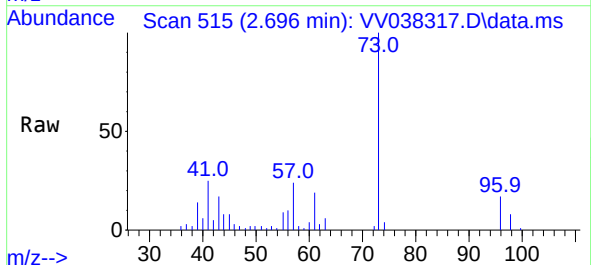
Ion	Ratio	Lower	Upper
73	100		
43	19.3	14.2	21.2
57	25.5	17.6	26.4

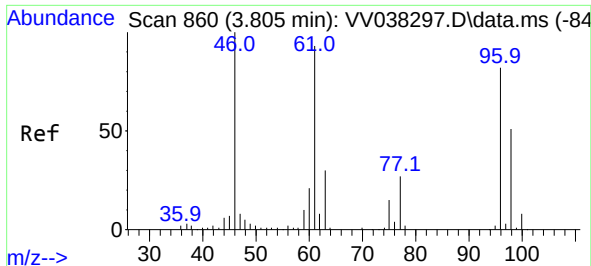


#18
trans-1,2-Dichloroethene
Concen: 0.150 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.007 min
Lab File: VV038317.D
Acq: 23 Nov 2024 22:50

Tgt Ion: 96 Resp: 2468

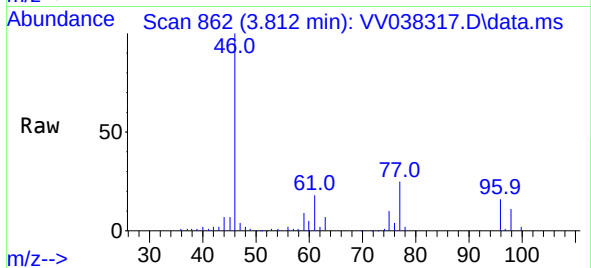
Ion	Ratio	Lower	Upper
96	100		
61	110.9	88.5	164.4
98	46.4	43.9	81.5



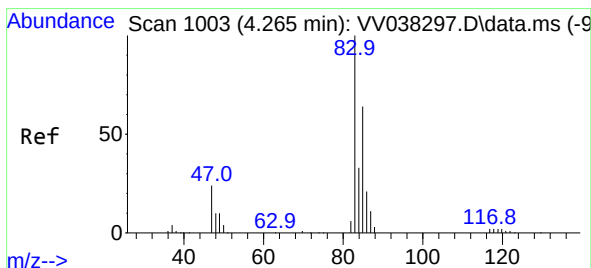
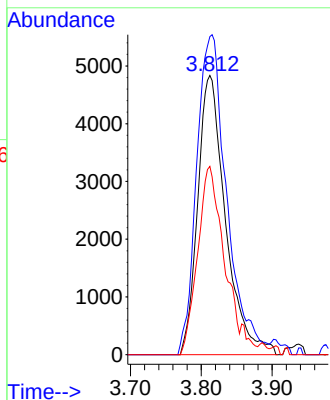
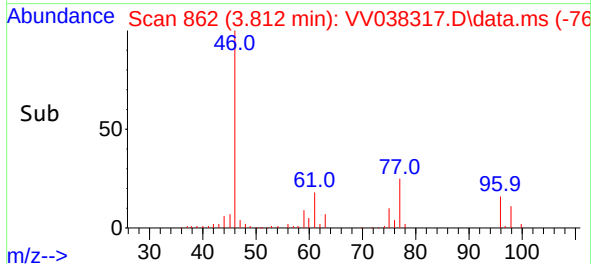


#22
cis-1,2-Dichloroethene
Concen: 0.775 ug/L
RT: 3.812 min Scan# 80
Delta R.T. 0.007 min
Lab File: VV038317.D
Acq: 23 Nov 2024 22:50

Instrument :
MSVOA_V
ClientSampleId :

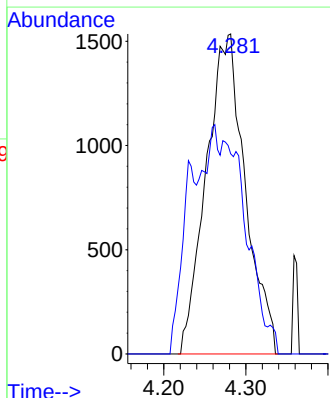
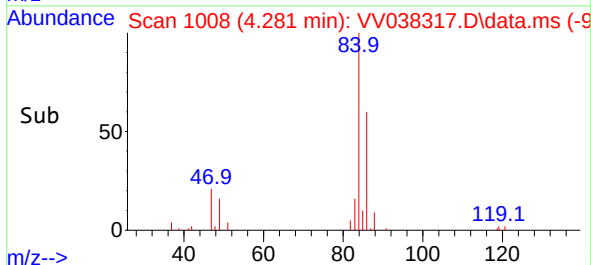
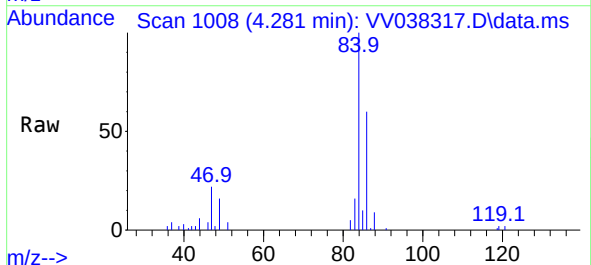


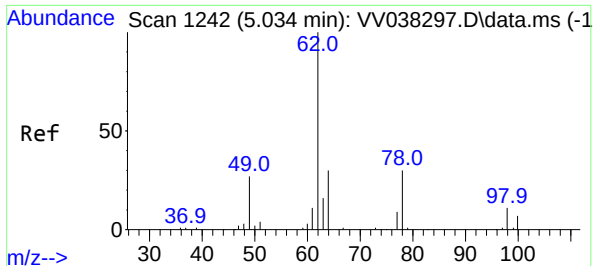
Tgt Ion: 96 Resp: 13170
Ion Ratio Lower Upper
96 100
61 113.9 82.7 153.5
98 67.5 46.3 85.9



#25
Chloroform
Concen: 0.159 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.013 min
Lab File: VV038317.D
Acq: 23 Nov 2024 22:50

Tgt Ion: 83 Resp: 5071
Ion Ratio Lower Upper
83 100
85 62.5 46.5 86.3

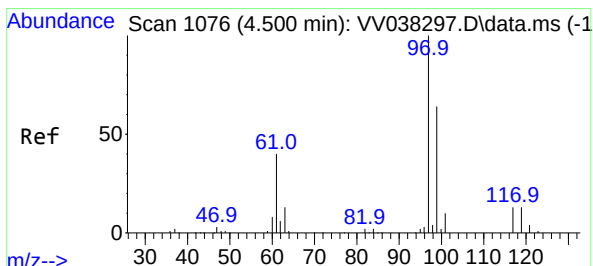
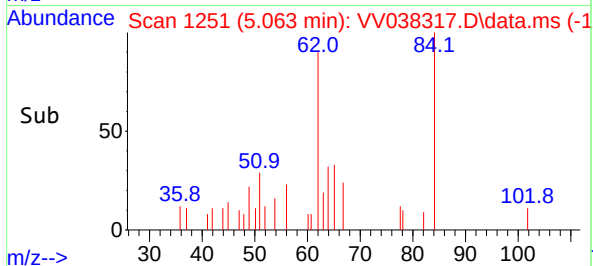
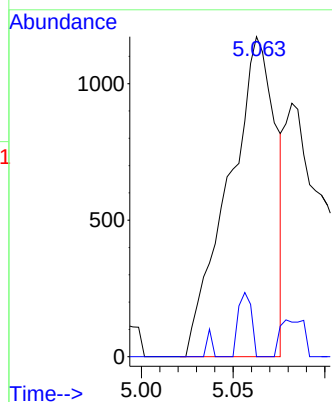
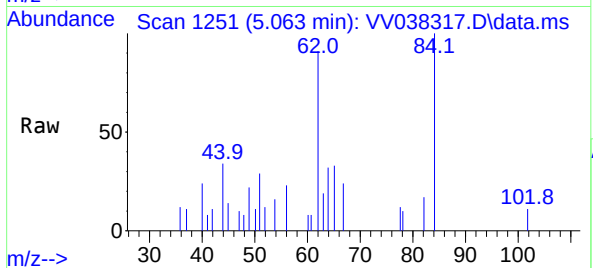




#27
1,2-Dichloroethane
Concen: 0.120 ug/L
RT: 5.063 min Scan# 11
Delta R.T. 0.026 min
Lab File: VV038317.D
Acq: 23 Nov 2024 22:50

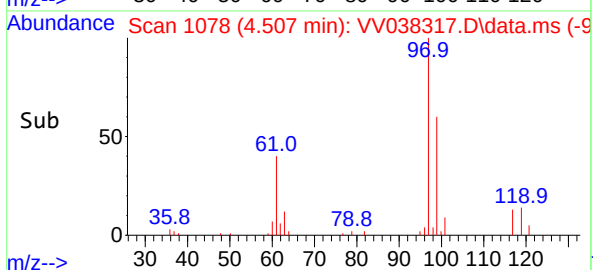
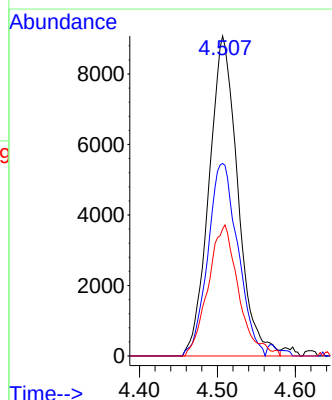
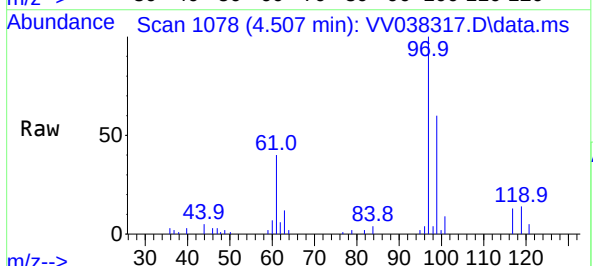
Instrument :
MSVOA_V
ClientSampleId :

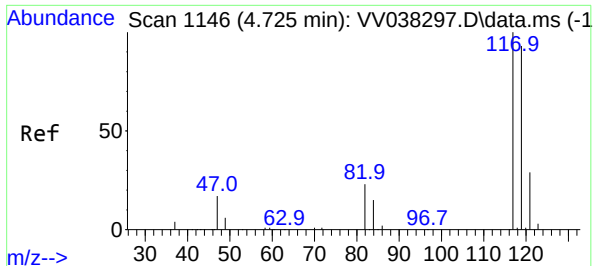
Tgt Ion: 62 Resp: 2090
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#29
1,1,1-Trichloroethane
Concen: 0.798 ug/L
RT: 4.507 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VV038317.D
Acq: 23 Nov 2024 22:50

Tgt Ion: 97 Resp: 23275
Ion Ratio Lower Upper
97 100
99 62.8 51.8 77.8
61 43.3 32.2 48.2

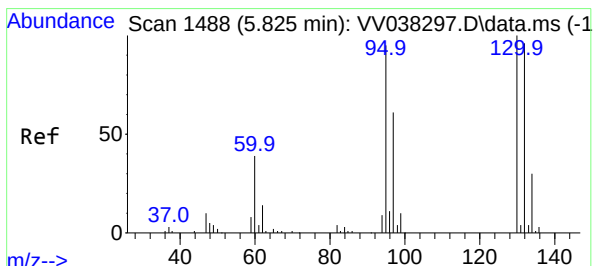
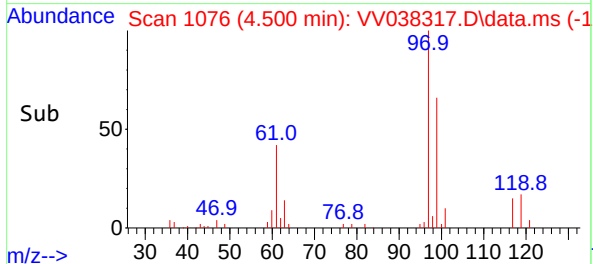
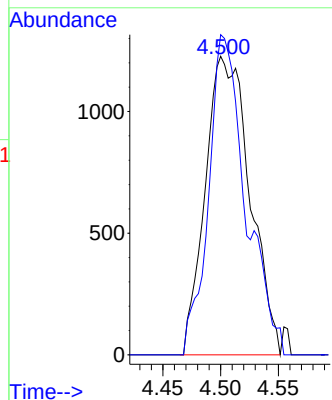
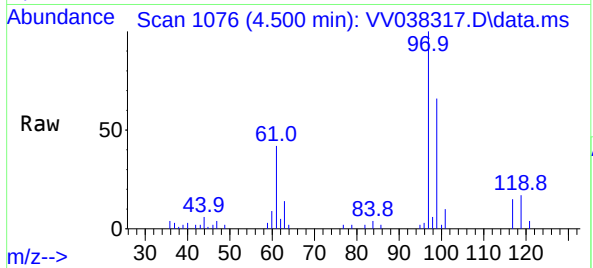




#31
Carbon tetrachloride
Concen: 0.128 ug/L
RT: 4.500 min Scan# 1146
Delta R.T. -0.225 min
Lab File: VV038317.D
Acq: 23 Nov 2024 22:50

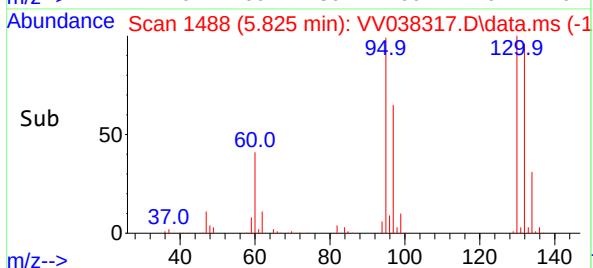
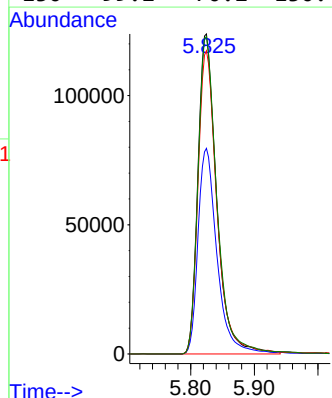
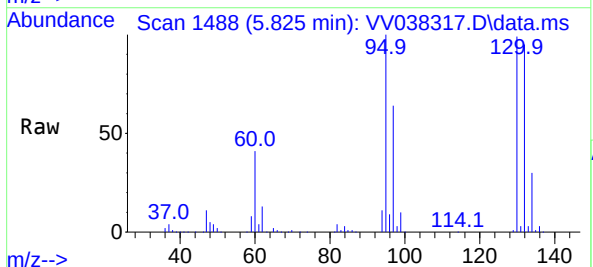
Instrument :
MSVOA_V
ClientSampleId :

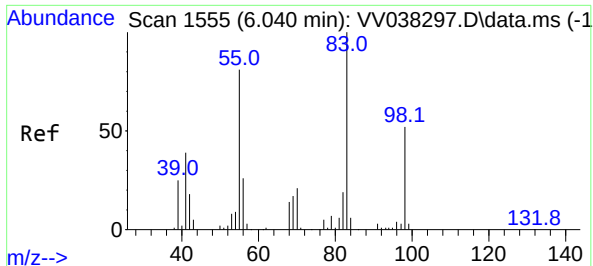
Tgt Ion:117 Resp: 3296
Ion Ratio Lower Upper
117 100
119 89.3 77.4 116.2



#34
Trichloroethene
Concen: 13.595 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV038317.D
Acq: 23 Nov 2024 22:50

Tgt Ion: 95 Resp: 253219
Ion Ratio Lower Upper
95 100
97 64.2 44.8 83.2
132 94.7 68.3 126.8
130 99.2 70.2 130.4

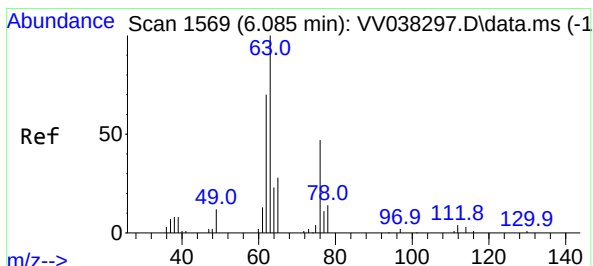
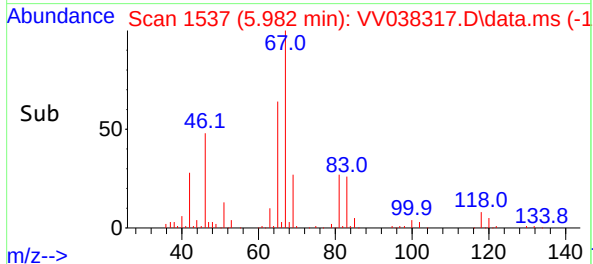
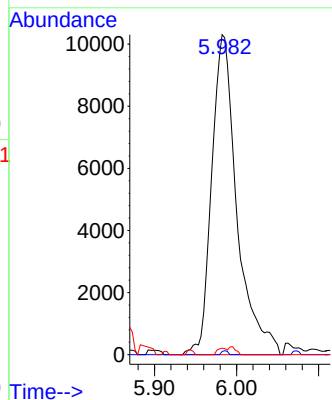
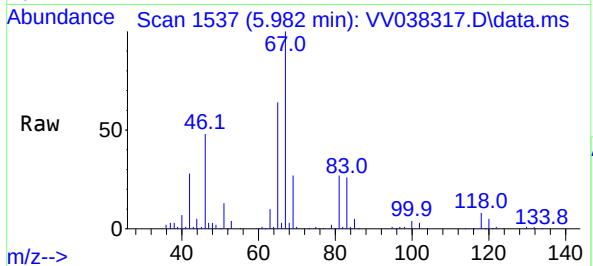




#35
Methylcyclohexane
Concen: 0.838 ug/L
RT: 5.982 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV038317.D
Acq: 23 Nov 2024 22:50

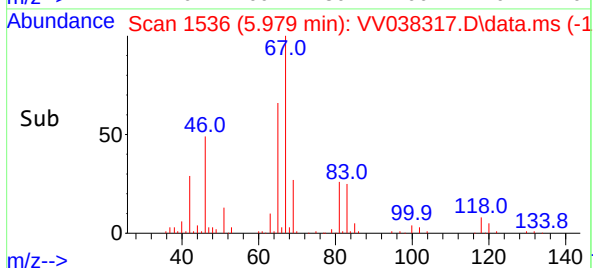
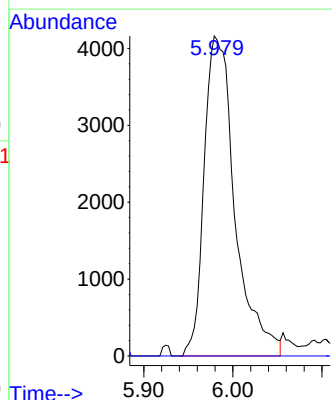
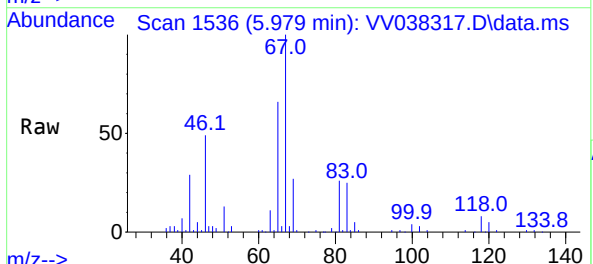
Instrument :
MSVOA_V
ClientSampleId :

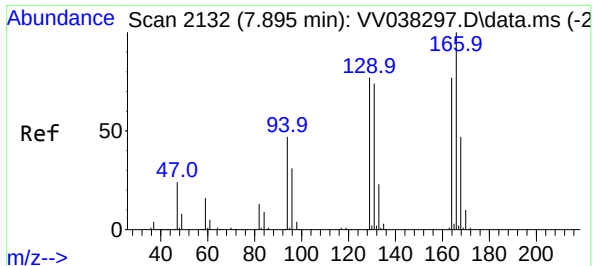
Tgt Ion: 83 Resp: 22078
Ion Ratio Lower Upper
83 100
55 0.3 59.7 89.5#
98 1.3 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.584 ug/L
RT: 5.979 min Scan# 1536
Delta R.T. -0.106 min
Lab File: VV038317.D
Acq: 23 Nov 2024 22:50

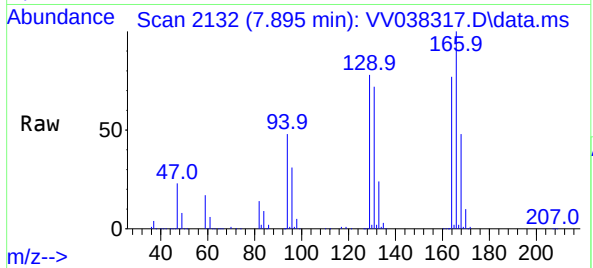
Tgt Ion: 63 Resp: 10002
Ion Ratio Lower Upper
63 100
112 0.2 3.9 5.9#



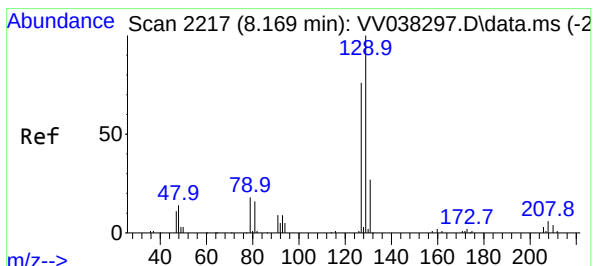
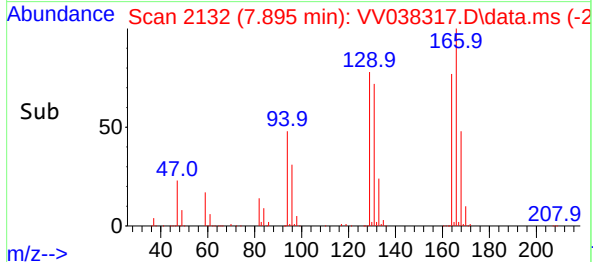
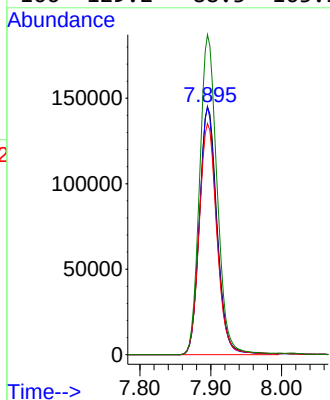


#47
Tetrachloroethene
Concen: 16.766 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038317.D
Acq: 23 Nov 2024 22:50

Instrument :
MSVOA_V
ClientSampleId :

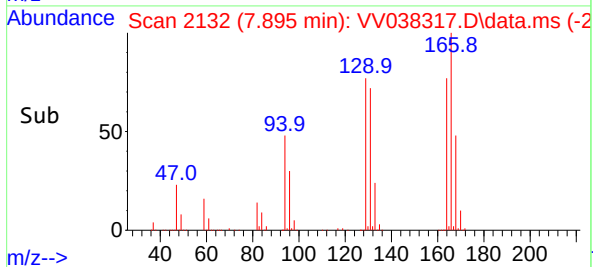
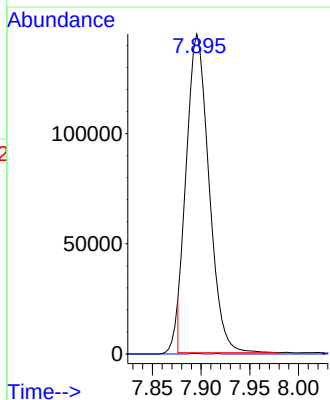
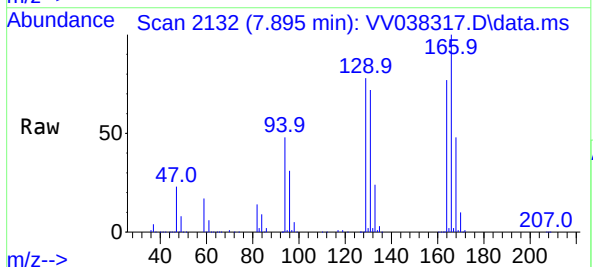


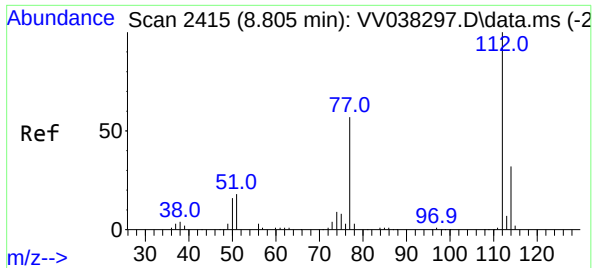
Tgt Ion:164 Resp: 250944
Ion Ratio Lower Upper
164 100
129 100.2 68.5 127.1
131 93.4 64.8 120.4
166 129.2 88.3 163.9



#49
Dibromochloromethane
Concen: 15.320 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.273 min
Lab File: VV038317.D
Acq: 23 Nov 2024 22:50

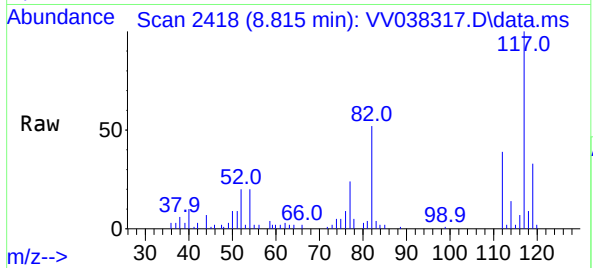
Tgt Ion:129 Resp: 231841
Ion Ratio Lower Upper
129 100
127 0.1 53.5 99.3#



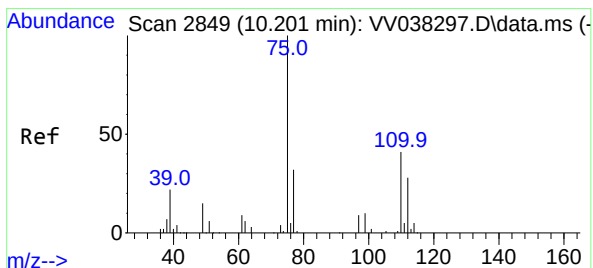
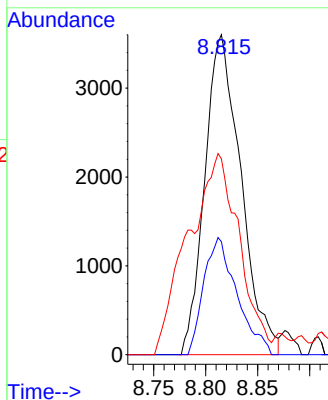
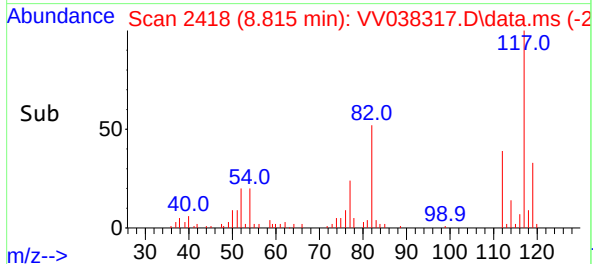


#51
Chlorobenzene
Concen: 0.175 ug/L
RT: 8.815 min Scan# 2415
Delta R.T. 0.010 min
Lab File: VV038317.D
Acq: 23 Nov 2024 22:50

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:112 Resp: 8727
Ion Ratio Lower Upper
112 100
114 35.3 22.0 40.8
77 61.2 45.0 67.4



#61
1,2,3-Trichloropropane
Concen: 1.415 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.974 min
Lab File: VV038317.D
Acq: 23 Nov 2024 22:50

Tgt Ion: 75 Resp: 12005
Ion Ratio Lower Upper
75 100
77 35.2 26.4 39.6
110 1.8 32.3 48.5#

