

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW112324\
 Data File : VW038315.D
 Acq On : 23 Nov 2024 22:02
 Operator : SY/MD
 Sample : P4884-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 23:03:05 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	224498	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	259607	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	109414	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	58346	3.391	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.800%
7) Chloroethane-d5	1.529	69	61986	4.453	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.053	65	27054	3.654	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	3.789	46	177727	51.631	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.260%
24) Chloroform-d	4.240	84	156096	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	4.937	65	80395	5.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	4.950	84	261486	3.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	5.982	67	92064	4.459	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.239	98	198173	3.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.800%#
43) trans-1,3-Dichloroprop...	7.558	79	30323	3.950	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.021	63	151277	50.698	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.400%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	82615	4.714	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	91873	4.928	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						Qvalue
13) Acetone	1.912	43	1183940	465.041	ug/L	41
16) Methylene chloride	2.442	84	22681	1.240	ug/L	86
17) Methyl tert-butyl Ether	2.703	73	9721	0.268	ug/L #	85
22) cis-1,2-Dichloroethene	3.809	96	20093	1.150	ug/L	99
27) 1,2-Dichloroethane	5.066	62	4929	0.276	ug/L #	94
29) 1,1,1-Trichloroethane	4.503	97	26316	0.845	ug/L	96
34) Trichloroethene	5.825	95	189874	9.552	ug/L	99
35) Methylcyclohexane	5.982	83	23128	0.822	ug/L #	19
37) 1,2-Dichloropropane	5.979	63	9850	0.539	ug/L #	86
42) Toluene	7.326	91	17805	0.231	ug/L	94
47) Tetrachloroethene	7.895	164	207388	12.983	ug/L	100
49) Dibromochloromethane	7.895	129	193469	11.979	ug/L #	11
51) Chlorobenzene	8.815	112	17322	0.326	ug/L	96
53) m,p-Xylene	9.085	106	2817	0.091	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.175	83	3238	0.187	ug/L #	95
61) 1,2,3-Trichloropropane	11.178	75	12540	1.339	ug/L #	64

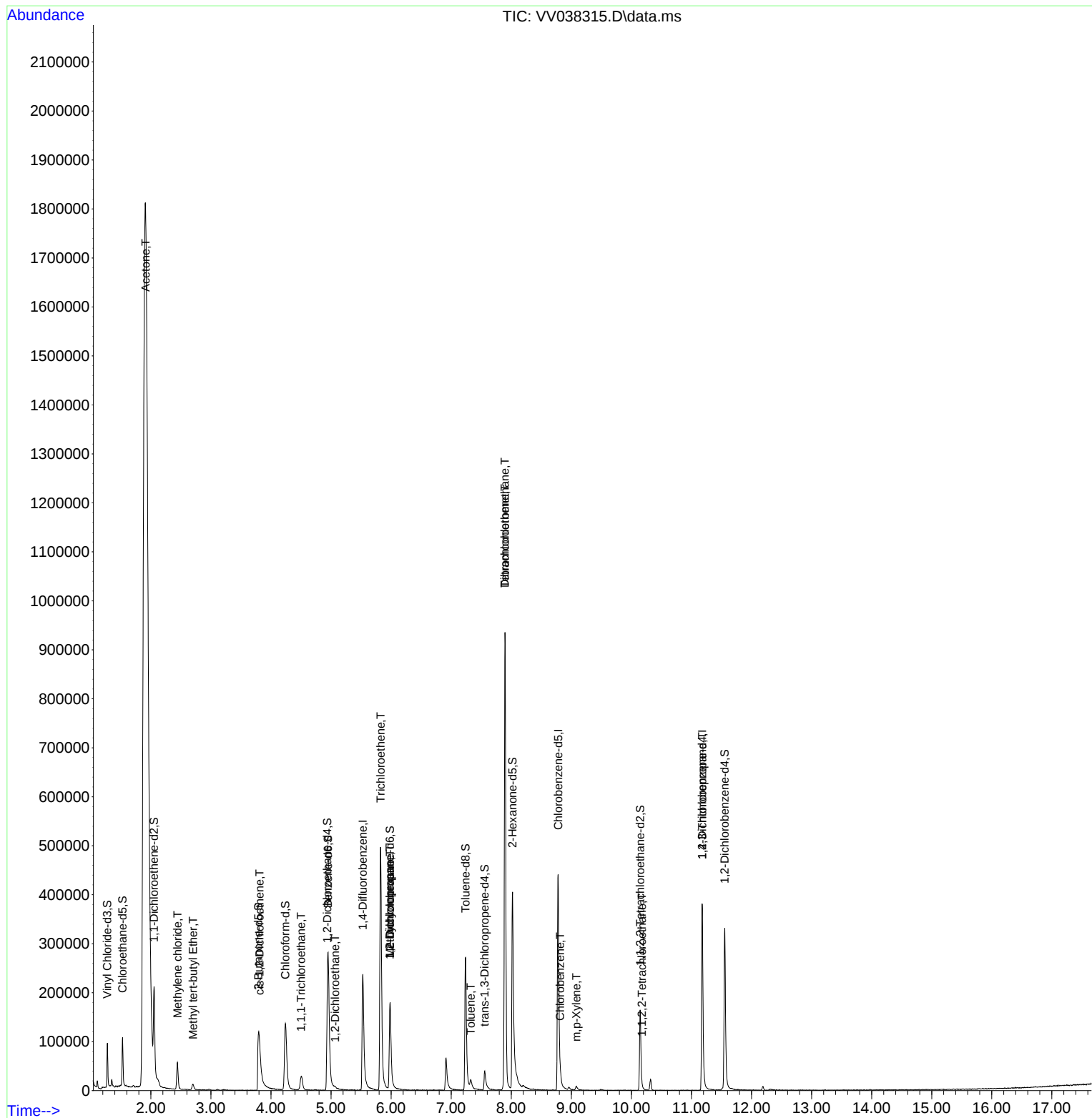
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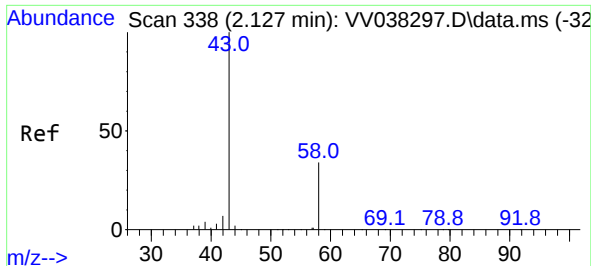
Instrument :
MSVOA_V
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 23 02:01:29 2024
Response via : Initial Calibration

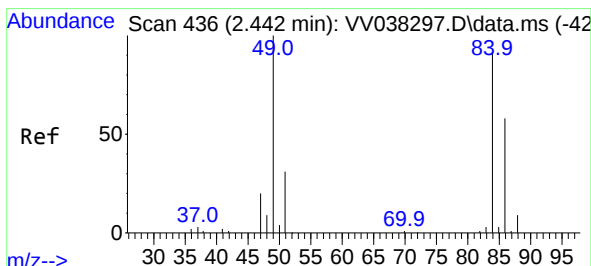
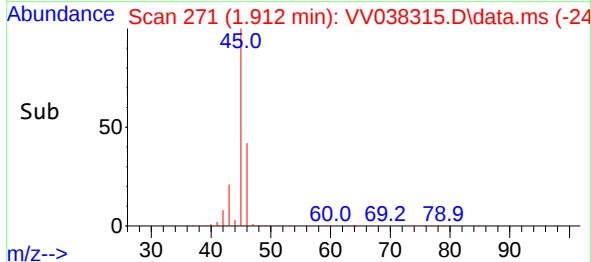
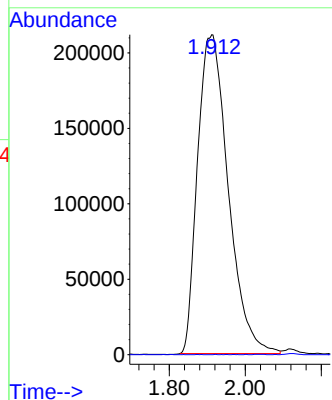
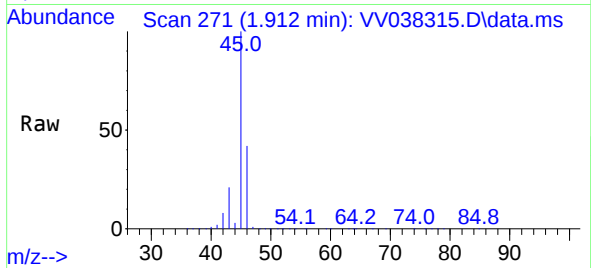




#13
Acetone
Concen: 465.041 ug/L
RT: 1.912 min Scan# 21
Delta R.T. -0.209 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

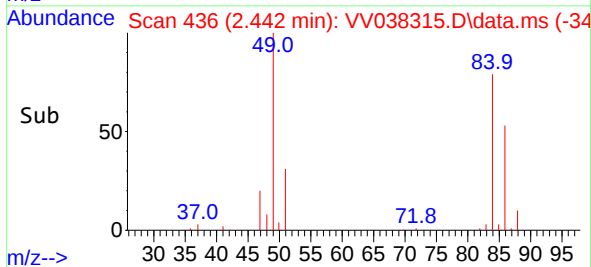
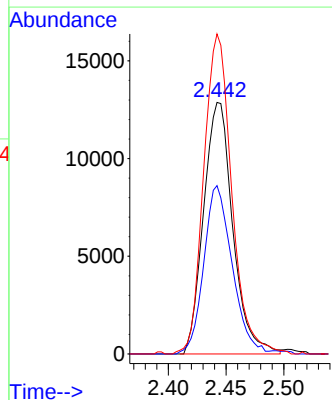
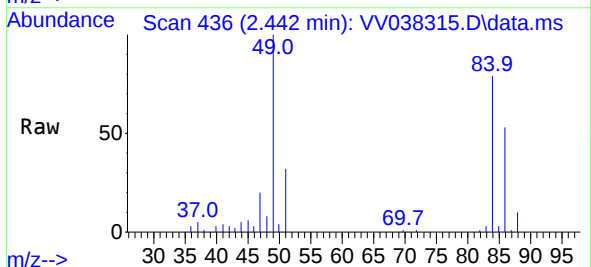
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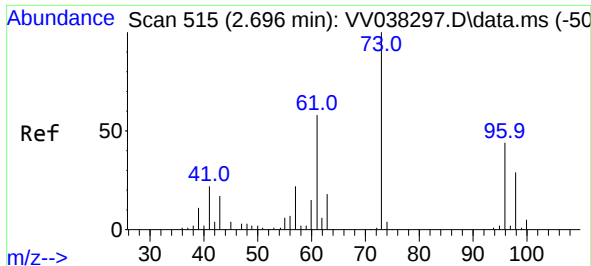
Tgt Ion: 43 Resp: 1183940
Ion Ratio Lower Upper
43 100
58 0.0 0.0 67.2



#16
Methylene chloride
Concen: 1.240 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

Tgt Ion: 84 Resp: 22681
Ion Ratio Lower Upper
84 100
86 66.9 44.2 82.2
49 127.2 74.9 139.1

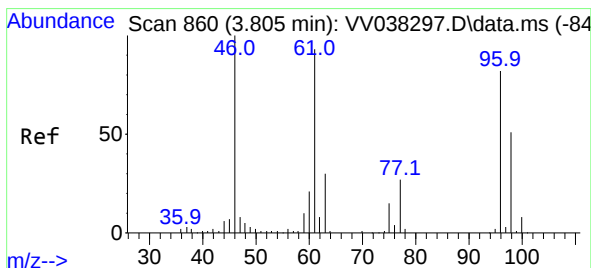
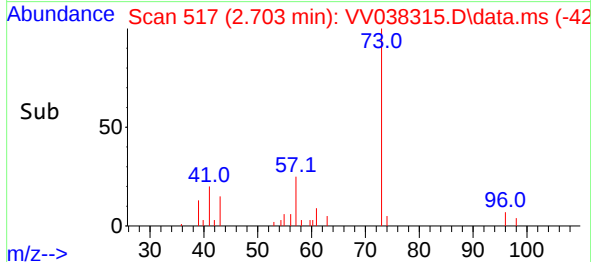
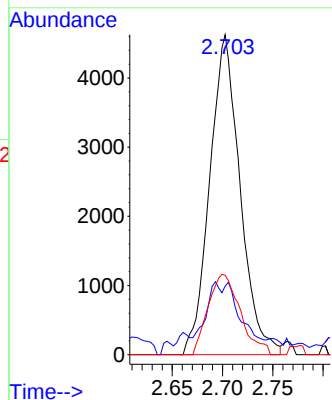
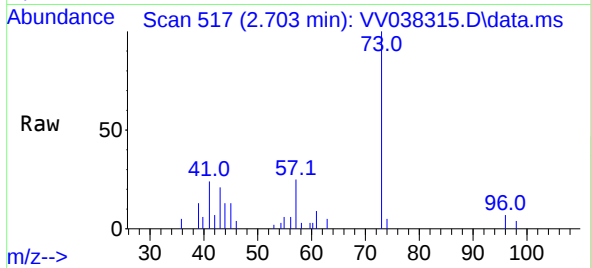




#17
Methyl tert-butyl Ether
Concen: 0.268 ug/L
RT: 2.703 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

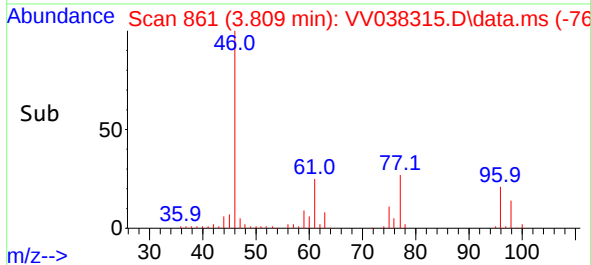
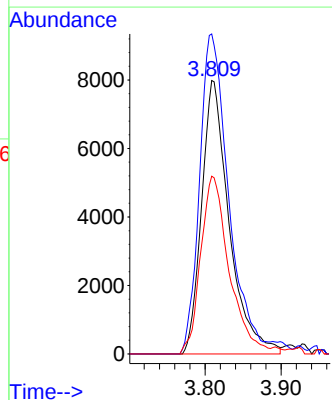
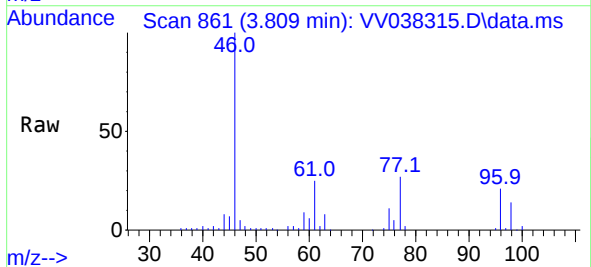
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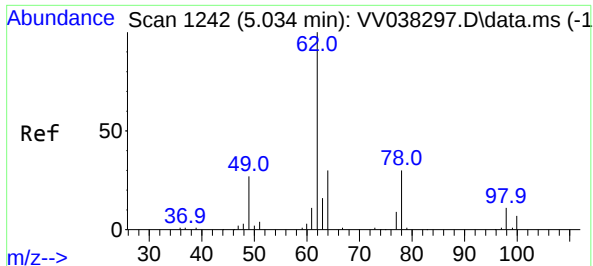
Tgt Ion: 73 Resp: 9721
Ion Ratio Lower Upper
73 100
43 8.2 14.2 21.2#
57 26.7 17.6 26.4#



#22
cis-1,2-Dichloroethene
Concen: 1.150 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

Tgt Ion: 96 Resp: 20093
Ion Ratio Lower Upper
96 100
61 117.0 82.7 153.5
98 65.0 46.3 85.9

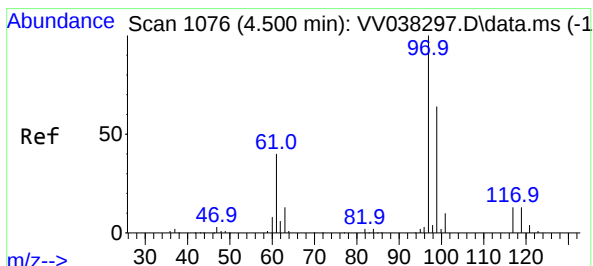
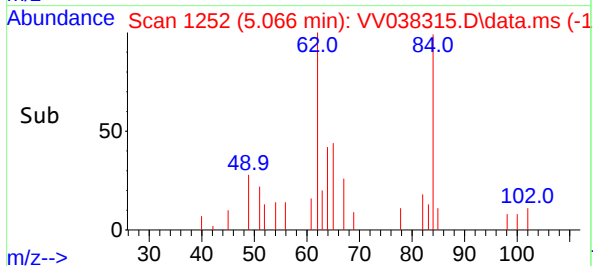
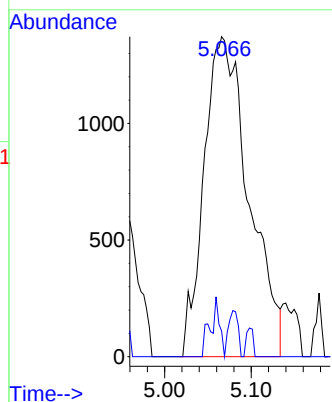
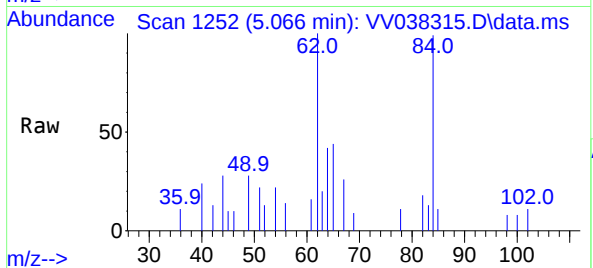




#27
1,2-Dichloroethane
Concen: 0.276 ug/L
RT: 5.066 min Scan# 11
Delta R.T. 0.029 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

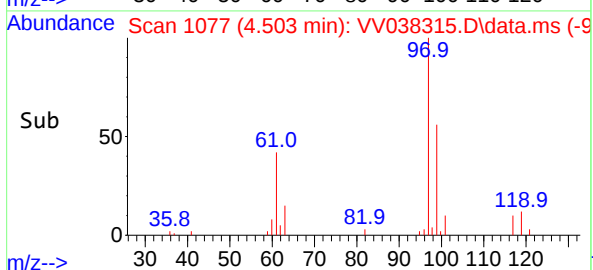
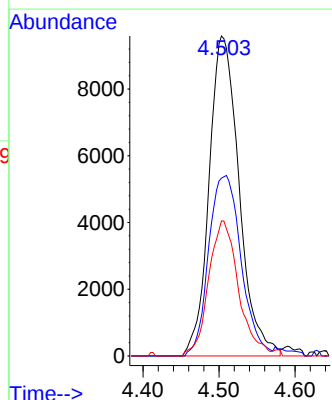
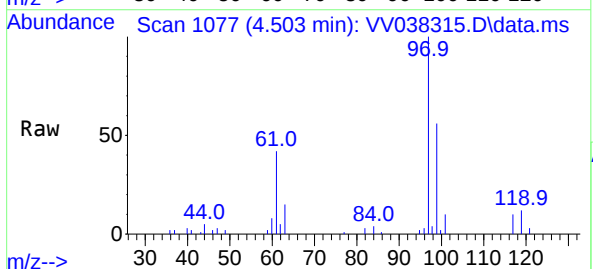
Instrument :
MSVOA_V
ClientSampleId :

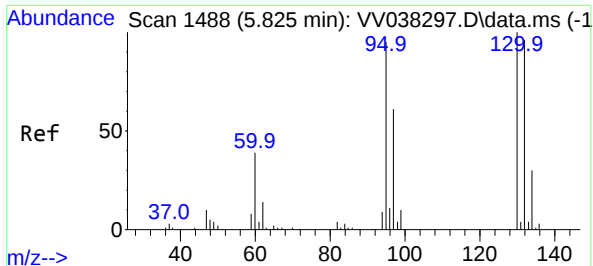
Tgt Ion: 62 Resp: 4929
Ion Ratio Lower Upper
62 100
98 7.9 8.2 12.4#



#29
1,1,1-Trichloroethane
Concen: 0.845 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

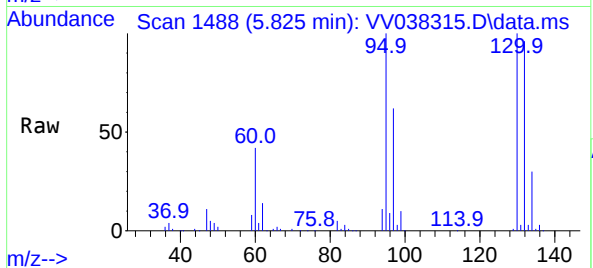
Tgt Ion: 97 Resp: 26316
Ion Ratio Lower Upper
97 100
99 60.8 51.8 77.8
61 41.9 32.2 48.2



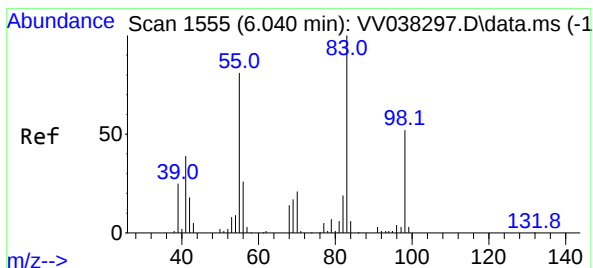
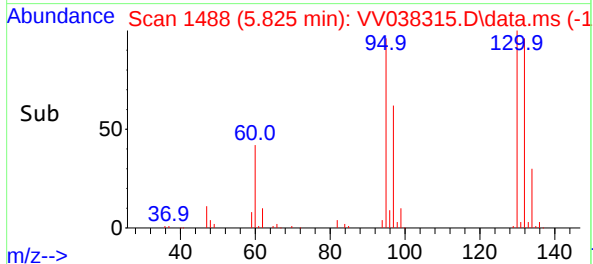
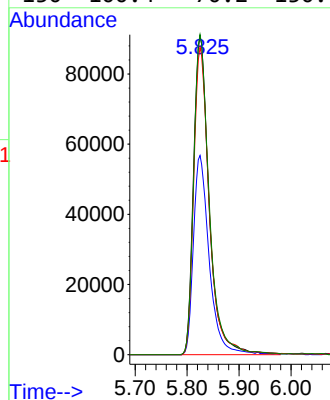


#34
Trichloroethene
Concen: 9.552 ug/L
RT: 5.825 min Scan# 14
Delta R.T. -0.003 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

Instrument :
MSVOA_V
ClientSampleId :

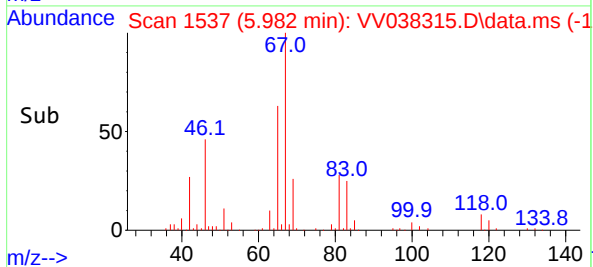
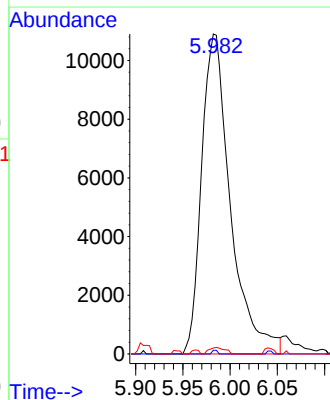
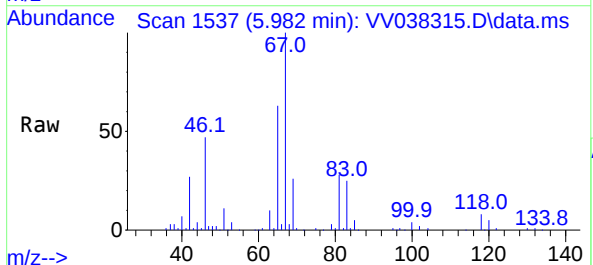


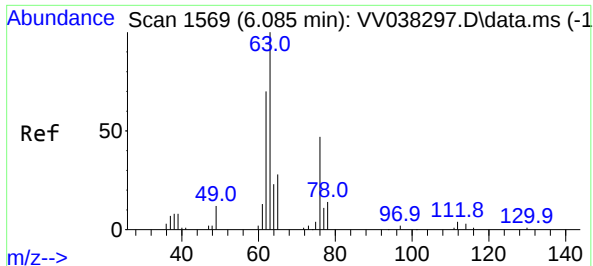
Tgt Ion: 95 Resp: 189874
Ion Ratio Lower Upper
95 100
97 62.5 44.8 83.2
132 96.5 68.3 126.8
130 100.4 70.2 130.4



#35
Methylcyclohexane
Concen: 0.822 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

Tgt Ion: 83 Resp: 23128
Ion Ratio Lower Upper
83 100
55 0.2 59.7 89.5#
98 1.1 39.0 58.4#

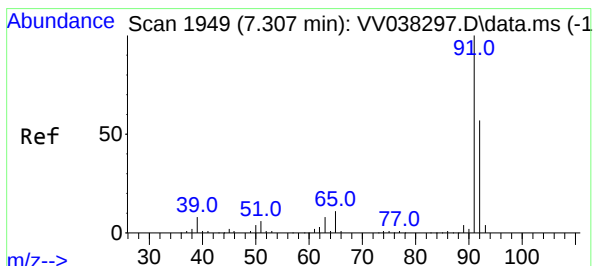
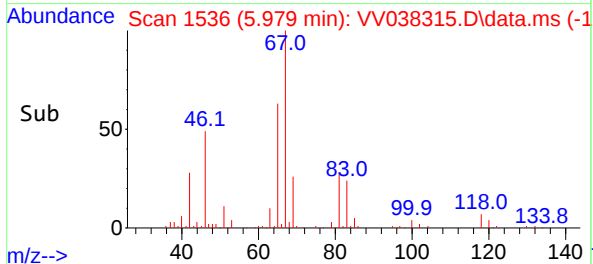
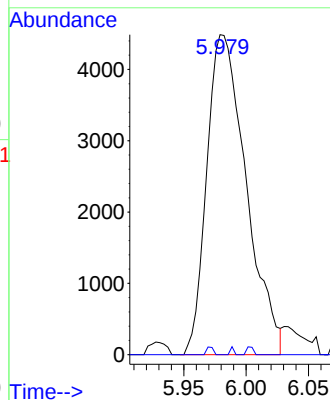
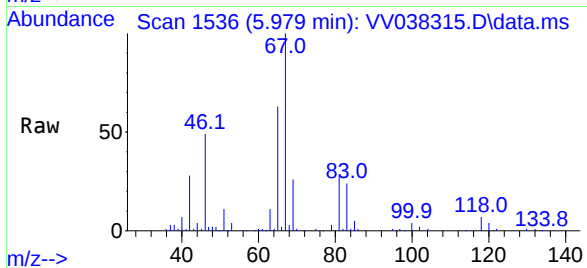




#37
1,2-Dichloropropane
Concen: 0.539 ug/L
RT: 5.979 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

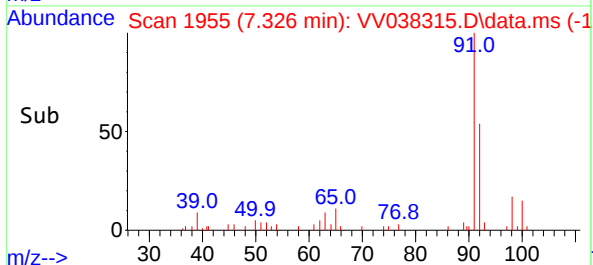
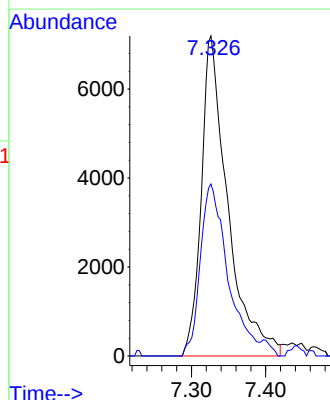
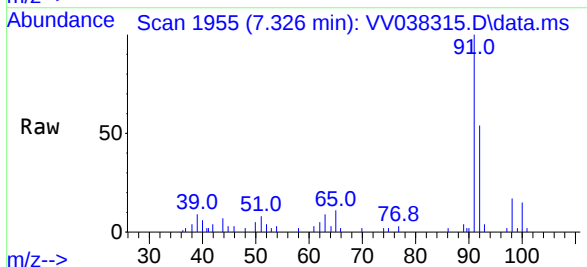
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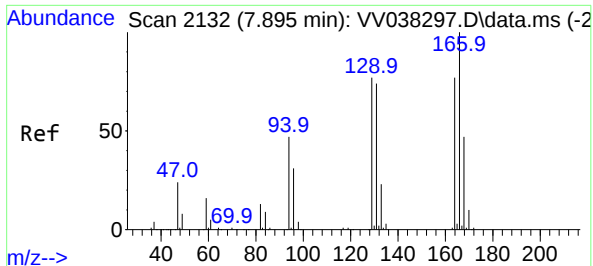
Tgt Ion: 63 Resp: 9850
Ion Ratio Lower Upper
63 100
112 0.2 3.9 5.9#



#42
Toluene
Concen: 0.231 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.019 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

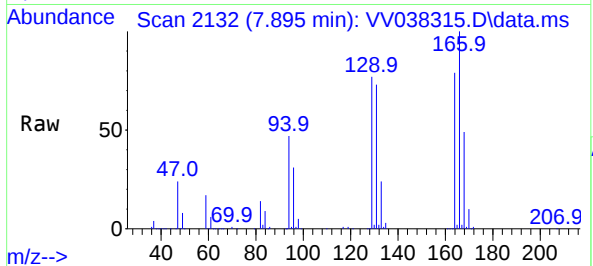
Tgt Ion: 91 Resp: 17805
Ion Ratio Lower Upper
91 100
92 53.7 40.8 75.8





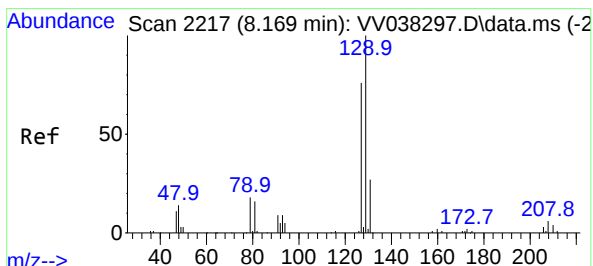
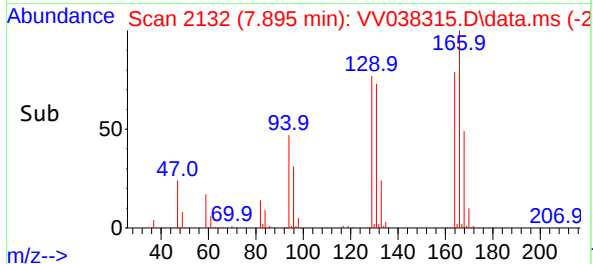
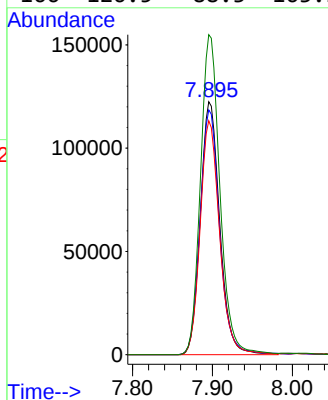
#47
Tetrachloroethene
Concen: 12.983 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 207388

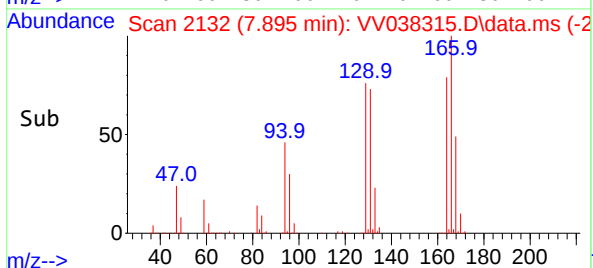
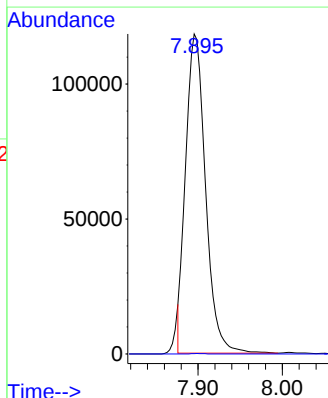
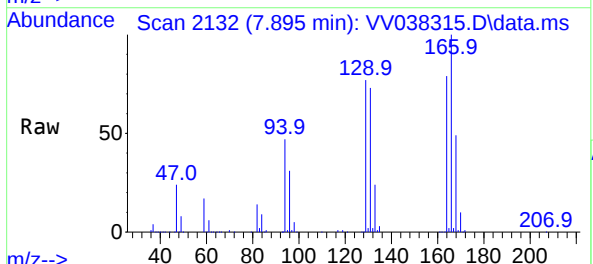
Ion	Ratio	Lower	Upper
164	100		
129	96.8	68.5	127.1
131	92.5	64.8	120.4
166	126.5	88.3	163.9

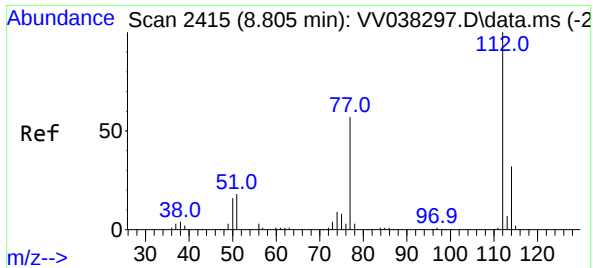


#49
Dibromochloromethane
Concen: 11.979 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.273 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

Tgt Ion:129 Resp: 193469

Ion	Ratio	Lower	Upper
129	100		
127	0.1	53.5	99.3#

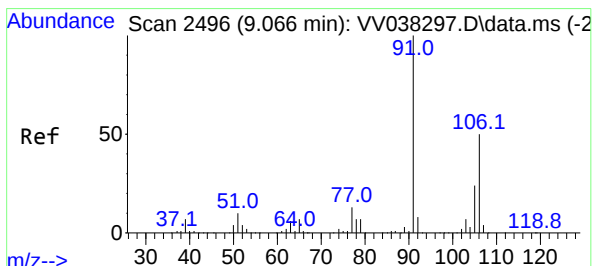
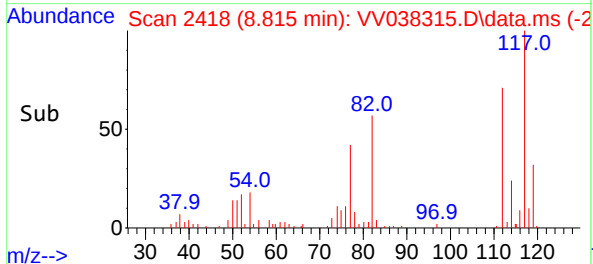
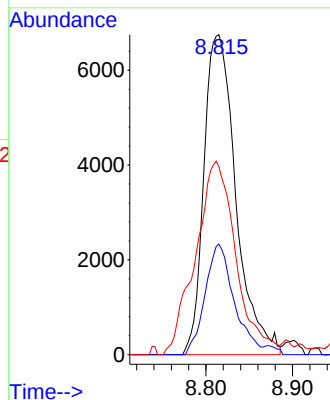
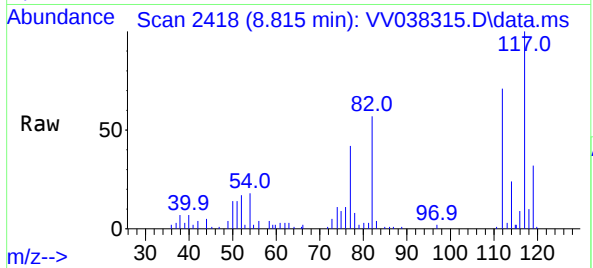




#51
Chlorobenzene
Concen: 0.326 ug/L
RT: 8.815 min Scan# 2415
Delta R.T. 0.010 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

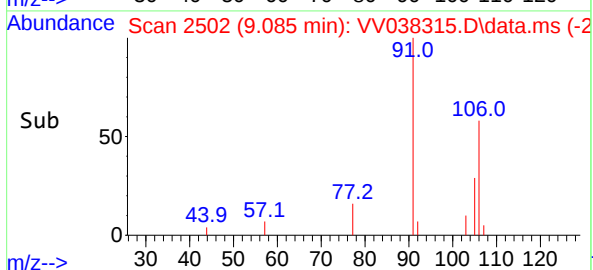
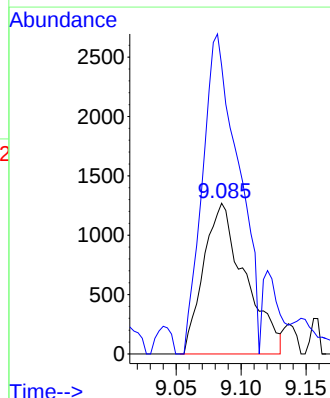
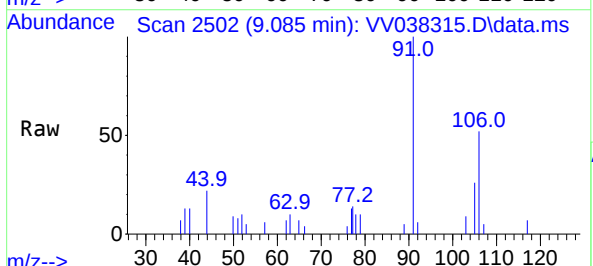
Instrument :
MSVOA_V
ClientSampleId :

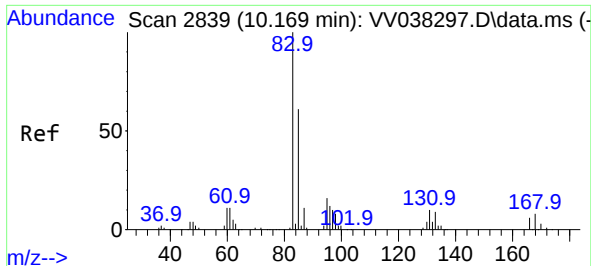
Tgt Ion:112 Resp: 17322
Ion Ratio Lower Upper
112 100
114 34.5 22.0 40.8
77 58.8 45.0 67.4



#53
m,p-Xylene
Concen: 0.091 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.019 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

Tgt Ion:106 Resp: 2817
Ion Ratio Lower Upper
106 100
91 191.3 138.7 257.5

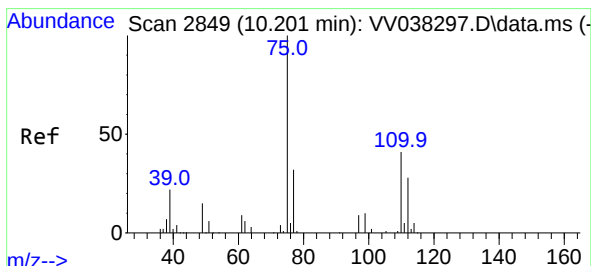
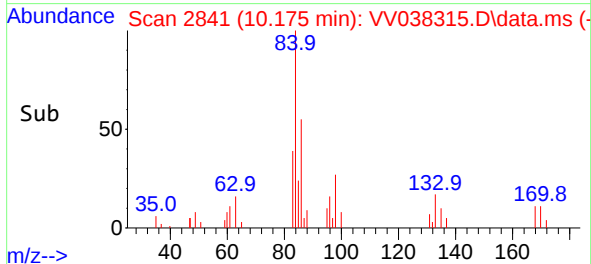
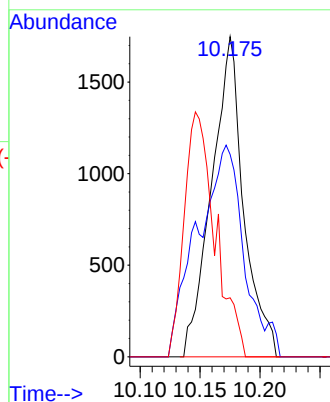
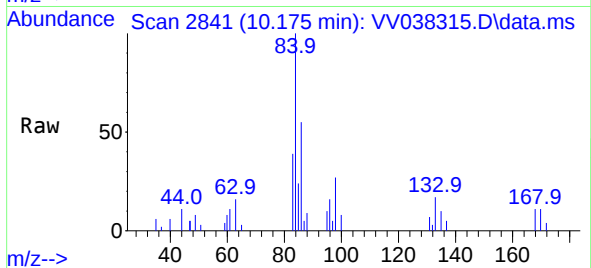




#57
1,1,2,2-Tetrachloroethane
Concen: 0.187 ug/L
RT: 10.175 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 3238
Ion Ratio Lower Upper
83 100
85 63.2 45.7 84.9
131 18.4 8.2 12.4#



#61
1,2,3-Trichloropropane
Concen: 1.339 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.974 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

Tgt Ion: 75 Resp: 12540
Ion Ratio Lower Upper
75 100
77 34.3 26.4 39.6
110 1.2 32.3 48.5#

