

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101321\
 Data File : VW022765.D
 Acq On : 13 Oct 2021 16:38
 Operator : SY/MD
 Sample : M4109-13DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 14 02:15:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 14 02:12:50 2021
 Response via : Initial Calibration

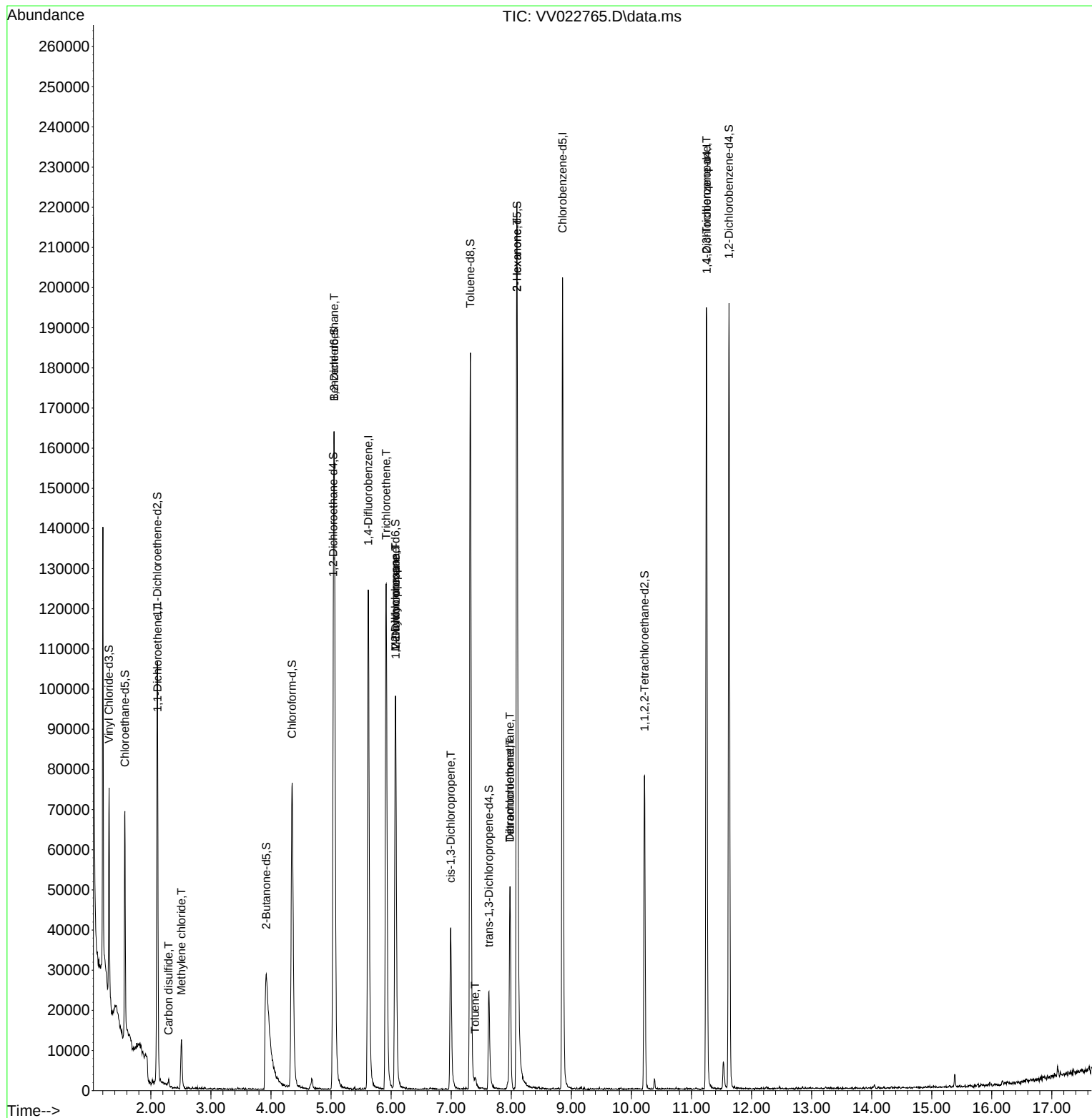
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	112051	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	115249	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	54922	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34241	4.442	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.568	69	34676	5.005	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.108	63	53677	3.549	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	3.921	46	94043	46.524	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.040%
24) Chloroform-d	4.352	84	80388	5.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.037	65	37503	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.053	84	147401	4.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.072	67	49039	4.827	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.320	98	124060	4.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.628	79	15056	4.467	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.095	63	83014	61.116	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.240%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	37610	5.464	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	52396	5.145	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	1003	0.148	ug/L #	1
14) Carbon disulfide	2.294	76	1306	0.069	ug/L #	88
16) Methylene chloride	2.510	84	4976	0.534	ug/L	91
27) 1,2-Dichloroethane	5.053	62	735	0.096	ug/L #	69
34) Trichloroethene	5.918	95	45213	5.357	ug/L	99
35) Methylcyclohexane	6.072	83	12467	1.054	ug/L #	16
37) 1,2-Dichloropropane	6.075	63	5347	0.716	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1090	0.110	ug/L #	60
42) Toluene	7.400	91	2099	0.067	ug/L	98
47) Tetrachloroethene	7.979	164	11652	1.707	ug/L	97
48) 2-Hexanone	8.095	43	9995	3.408	ug/L #	63
49) Dibromochloromethane	7.979	129	10144	1.564	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	5685	1.490	ug/L #	63

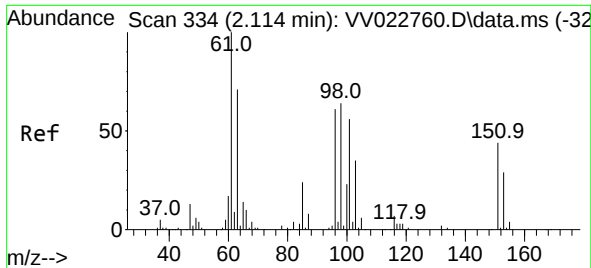
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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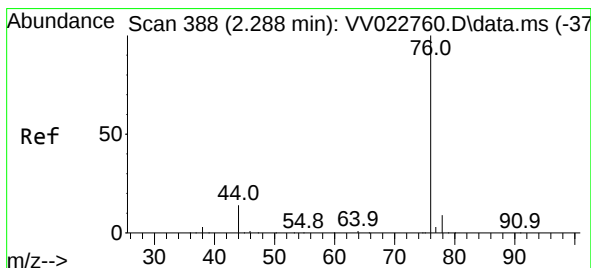
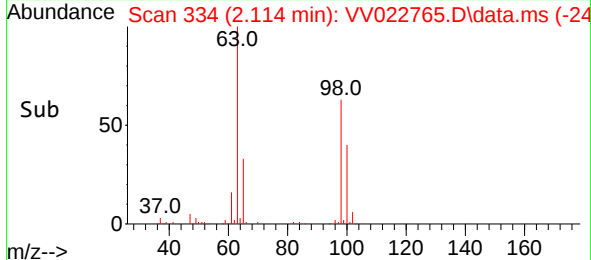
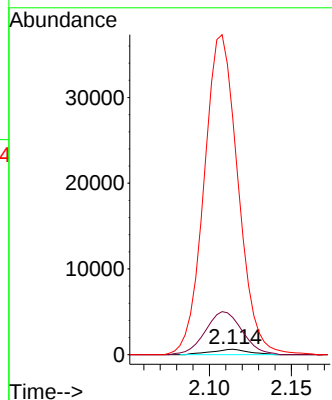
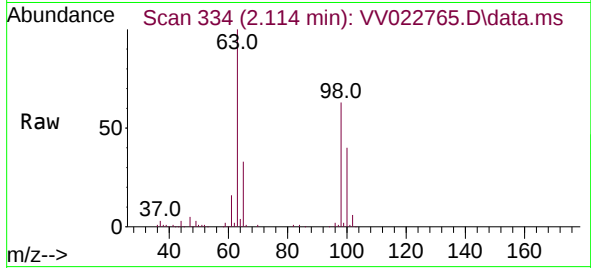




#12
1,1-Dichloroethene
Concen: 0.148 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022765.D
Acq: 13 Oct 2021 16:38

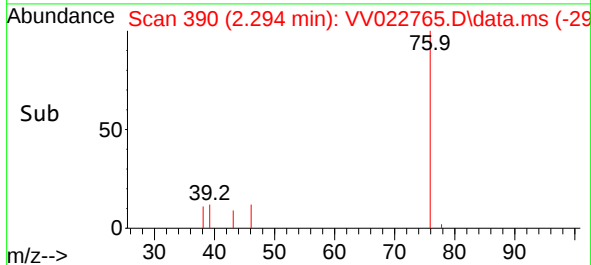
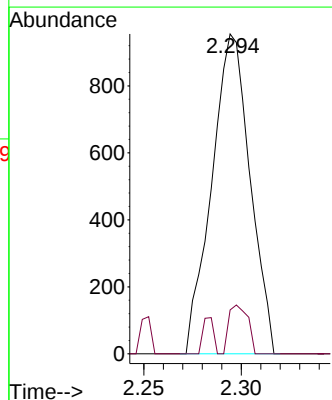
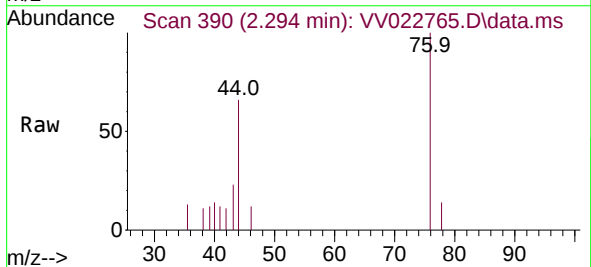
Instrument :
MSVOA_V
ClientSampled :

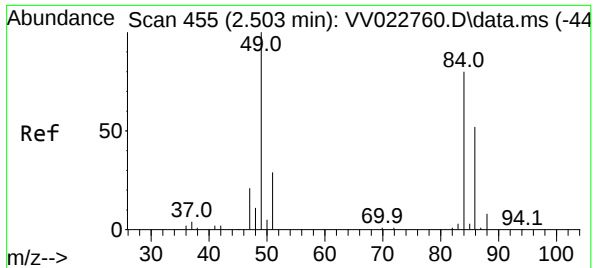
Tgt Ion: 96 Resp: 1003
Ion Ratio Lower Upper
96 100
61 675.6 127.3 236.5#
63 4304.3 106.2 197.2#



#14
Carbon disulfide
Concen: 0.069 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.006 min
Lab File: VV022765.D
Acq: 13 Oct 2021 16:38

Tgt Ion: 76 Resp: 1306
Ion Ratio Lower Upper
76 100
78 13.7 7.4 11.0#

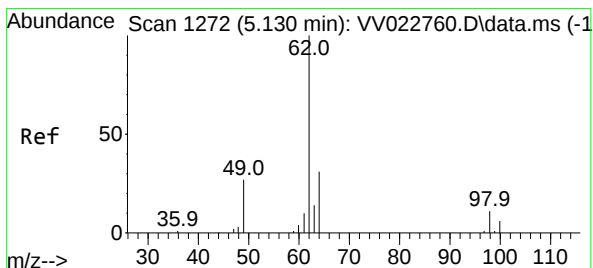
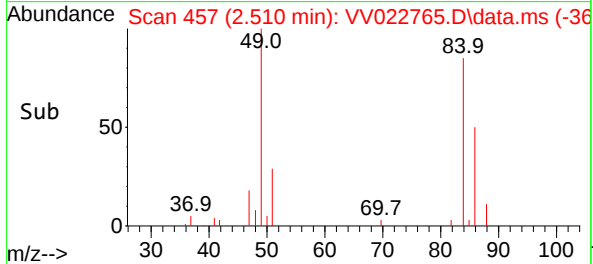
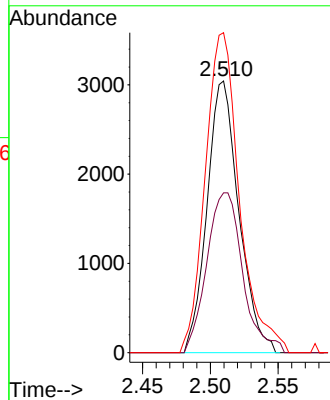
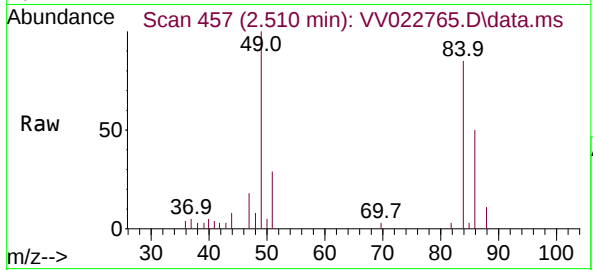




#16
Methylene chloride
Concen: 0.534 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.006 min
Lab File: VV022765.D
Acq: 13 Oct 2021 16:38

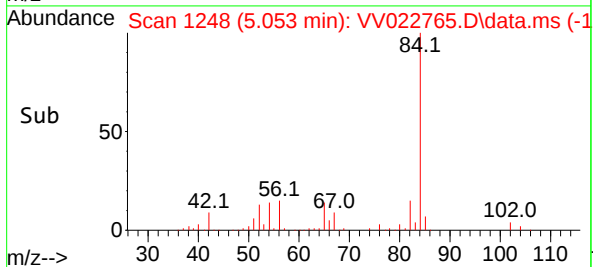
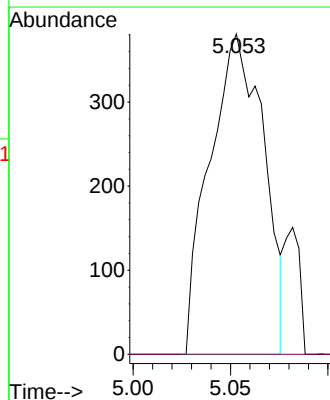
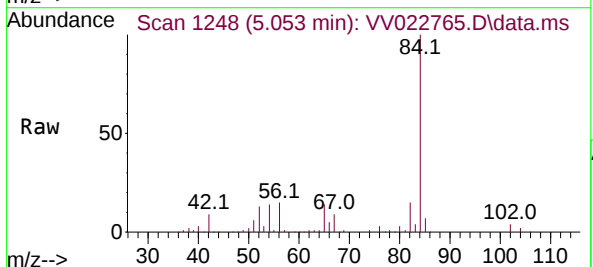
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ClientSampled :

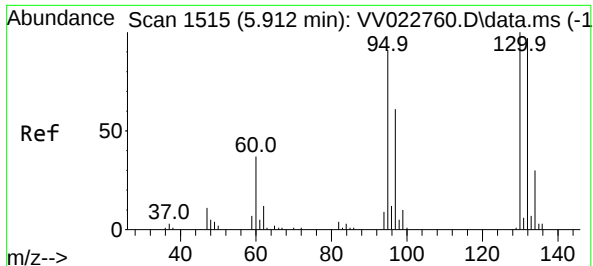
Tgt Ion: 84 Resp: 4976
Ion Ratio Lower Upper
84 100
86 58.9 45.8 85.2
49 117.8 90.3 167.7



#27
1,2-Dichloroethane
Concen: 0.096 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.077 min
Lab File: VV022765.D
Acq: 13 Oct 2021 16:38

Tgt Ion: 62 Resp: 735
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#

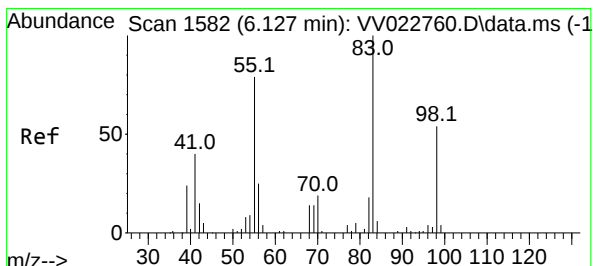
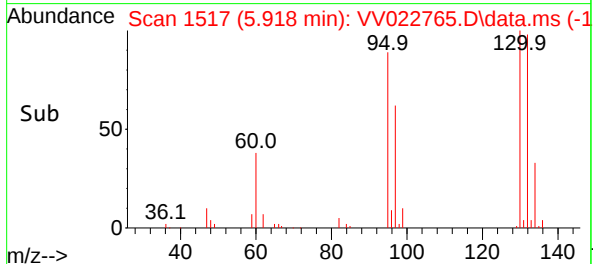
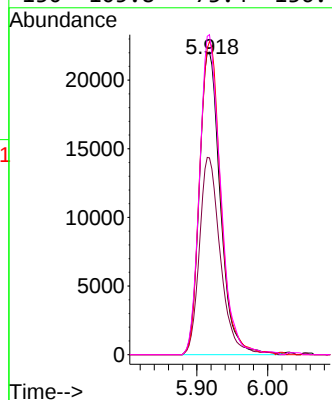
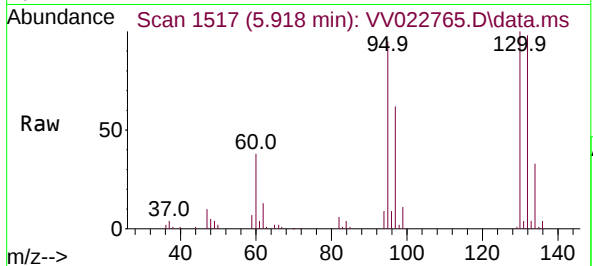




#34
Trichloroethene
Concen: 5.357 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV022765.D
Acq: 13 Oct 2021 16:38

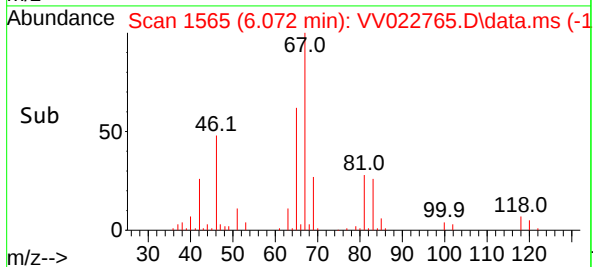
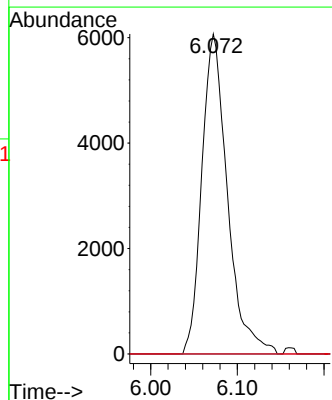
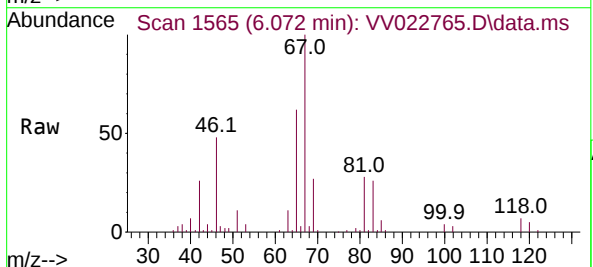
Instrument :
MSVOA_V
ClientSampled :

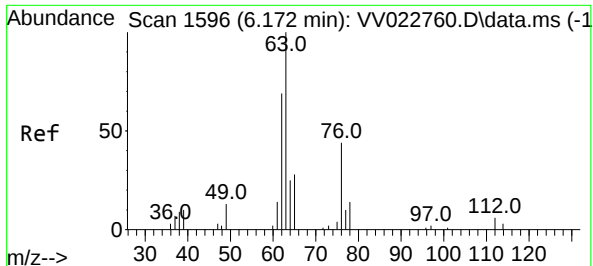
Tgt Ion: 95 Resp: 45213
Ion Ratio Lower Upper
95 100
97 65.1 45.8 85.2
132 103.6 72.2 134.0
130 105.8 73.4 136.4



#35
Methylcyclohexane
Concen: 1.054 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV022765.D
Acq: 13 Oct 2021 16:38

Tgt Ion: 83 Resp: 12467
Ion Ratio Lower Upper
83 100
55 0.0 63.8 95.6#
98 0.8 42.1 63.1#



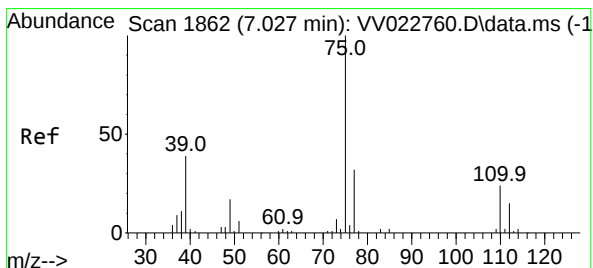
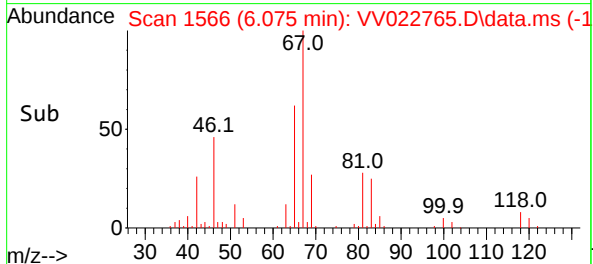
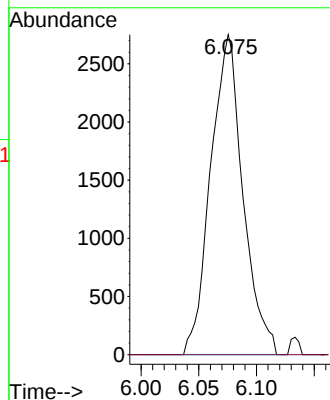
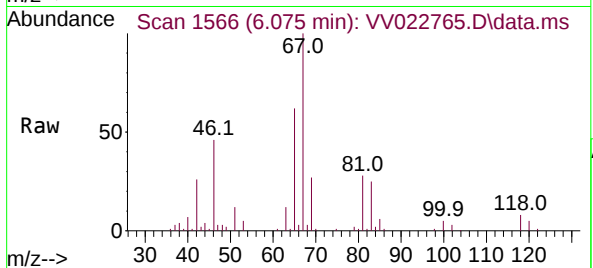


#37

1,2-Dichloropropane
Concen: 0.716 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.097 min
Lab File: VV022765.D
Acq: 13 Oct 2021 16:38

Instrument :
MSVOA_V
ClientSampled :

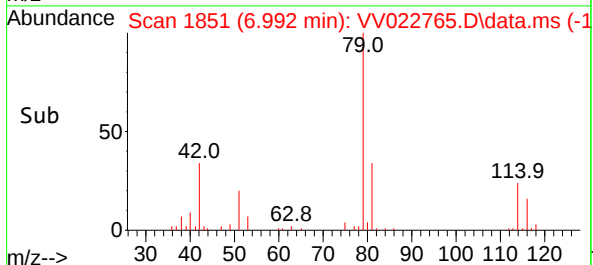
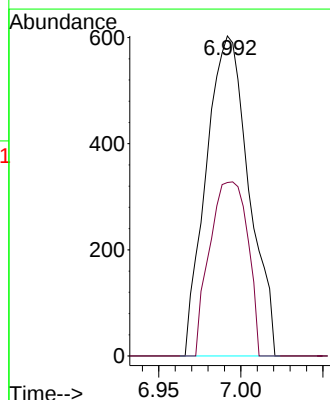
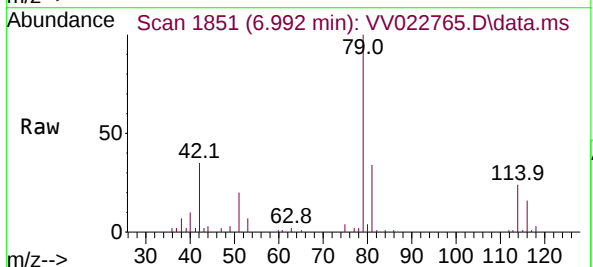
Tgt Ion: 63 Resp: 5347
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

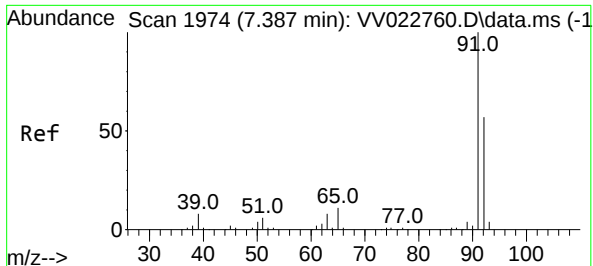


#39

cis-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.036 min
Lab File: VV022765.D
Acq: 13 Oct 2021 16:38

Tgt Ion: 75 Resp: 1090
Ion Ratio Lower Upper
75 100
77 54.2 22.3 41.3#

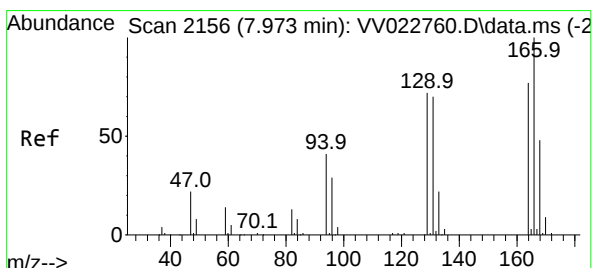
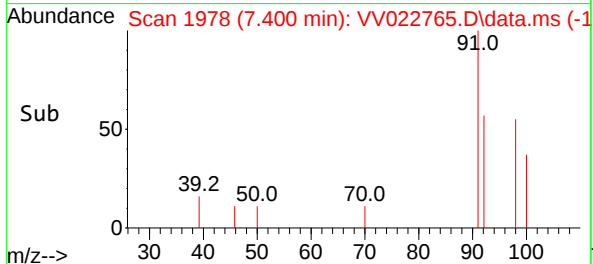
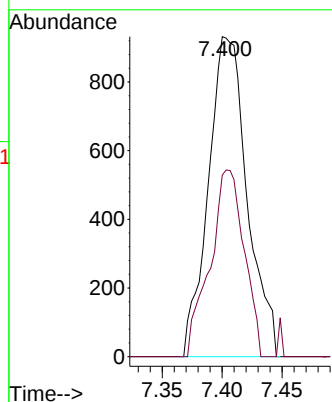
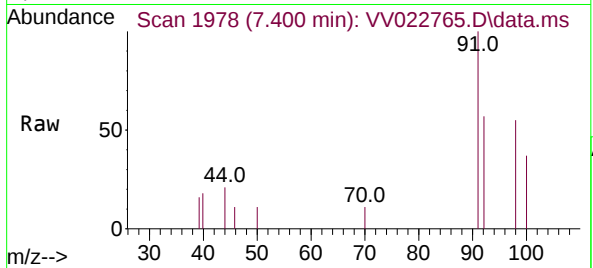




#42
Toluene
Concen: 0.067 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV022765.D
Acq: 13 Oct 2021 16:38

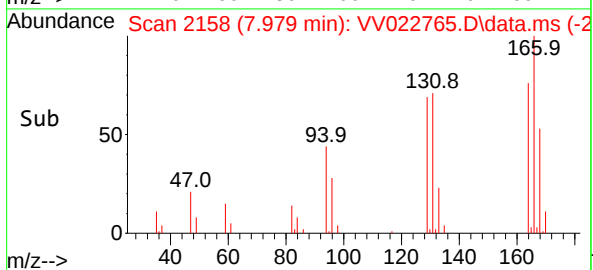
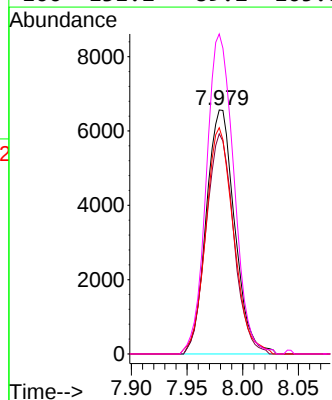
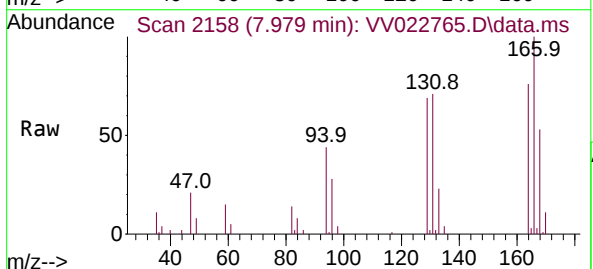
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ClientSampled :

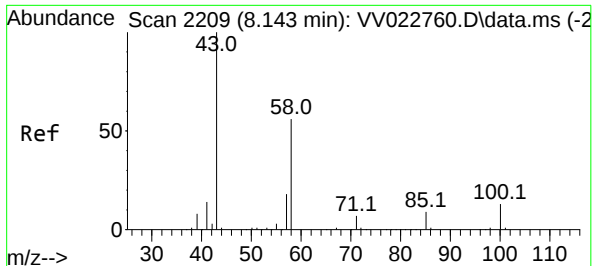
Tgt Ion: 91 Resp: 2099
Ion Ratio Lower Upper
91 100
92 56.8 40.7 75.7



#47
Tetrachloroethene
Concen: 1.707 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV022765.D
Acq: 13 Oct 2021 16:38

Tgt Ion: 164 Resp: 11652
Ion Ratio Lower Upper
164 100
129 90.3 65.0 120.6
131 92.7 62.2 115.4
166 131.2 89.2 165.8

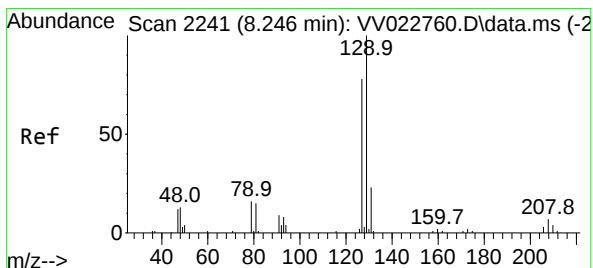
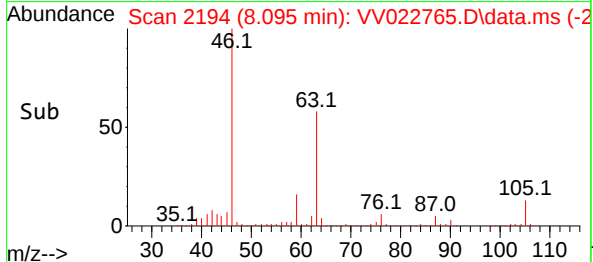
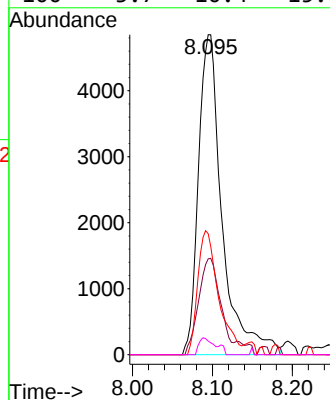
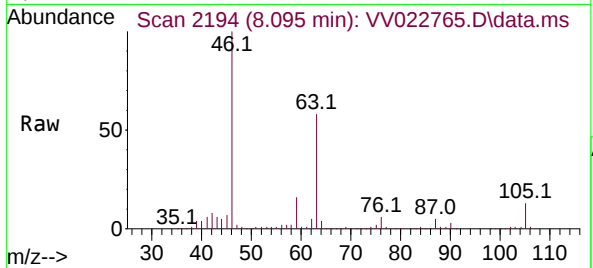




#48
2-Hexanone
Concen: 3.408 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. -0.048 min
Lab File: VV022765.D
Acq: 13 Oct 2021 16:38

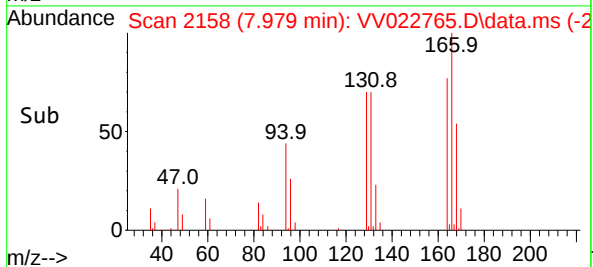
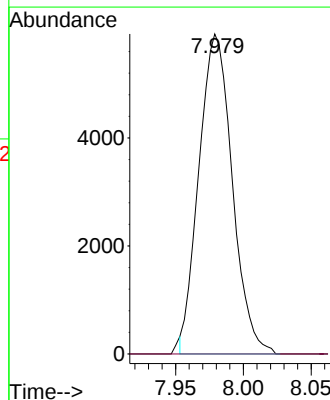
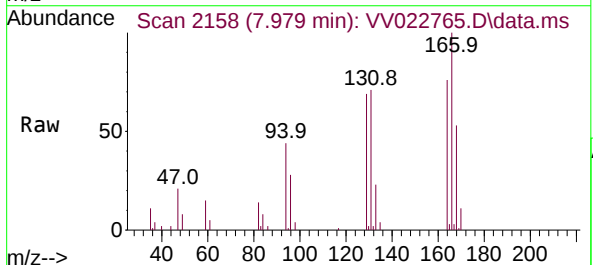
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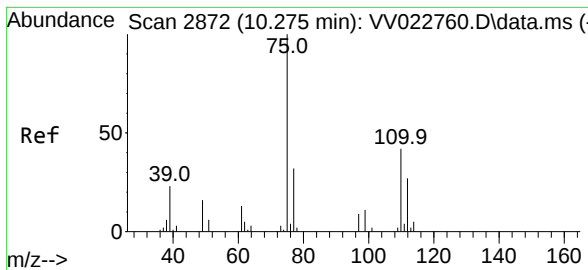
Tgt Ion: 43	Resp: 9995
Ion Ratio	Lower Upper
43 100	
58 27.7	47.4 71.0#
57 34.1	15.3 22.9#
100 3.7	10.4 15.6#



#49
Dibromochloromethane
Concen: 1.564 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV022765.D
Acq: 13 Oct 2021 16:38

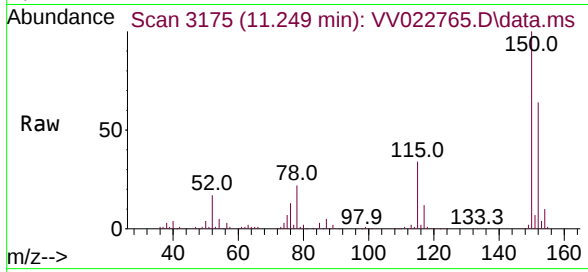
Tgt Ion: 129	Resp: 10144
Ion Ratio	Lower Upper
129 100	
127 0.0	59.1 109.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.490 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022765.D
 Acq: 13 Oct 2021 16:38

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	5685
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2
110	1.7	34.2	51.4#

