

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101121\
 Data File : VW022735.D
 Acq On : 11 Oct 2021 17:28
 Operator : SY/MD
 Sample : M4109-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 12 03:42:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 12 03:20:38 2021
 Response via : Initial Calibration

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

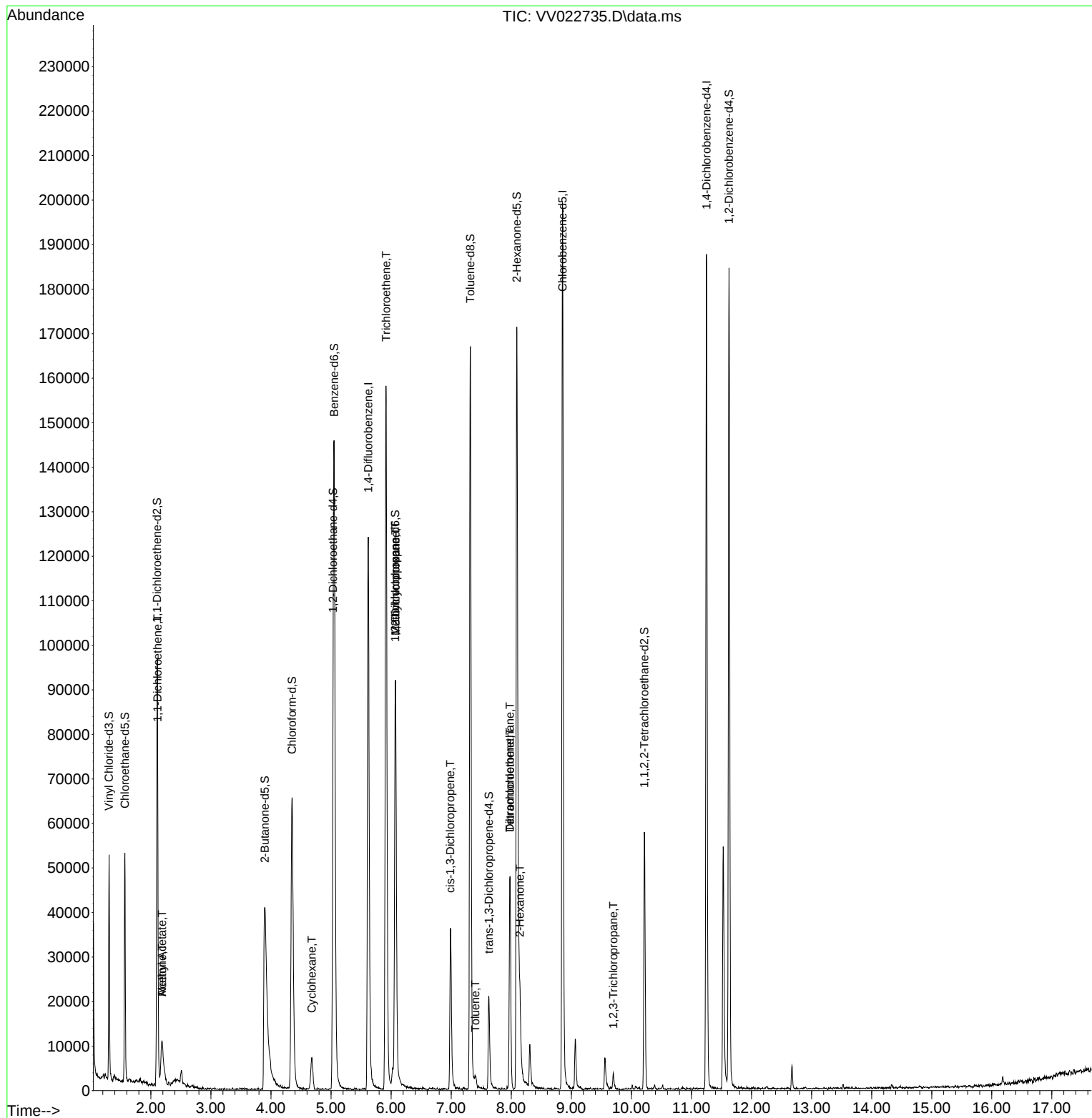
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	112922	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	115796	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51319	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30167	3.883	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.568	69	31648	4.533	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.105	63	48891	3.208	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	3.895	46	88006	43.201	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.400%
24) Chloroform-d	4.349	84	68136	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.034	65	35283	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.053	84	135345	3.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.069	67	45261	4.434	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.317	98	113012	3.792	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	7.628	79	12428	3.670	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.091	63	55138	40.402	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.800%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27991	4.047	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	49056	5.156	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	1730	0.254	ug/L #	1
13) Acetone	2.185	43	20902	18.401	ug/L #	40
15) Methyl Acetate	2.185	43	19884	6.118	ug/L #	50
30) Cyclohexane	4.680	56	3510	0.288	ug/L #	95
34) Trichloroethene	5.915	95	54015	6.369	ug/L	98
35) Methylcyclohexane	6.072	83	10913	0.918	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	5067	0.676	ug/L #	84
39) cis-1,3-Dichloropropene	6.985	75	958	0.096	ug/L #	37
42) Toluene	7.403	91	2033	0.064	ug/L	98
47) Tetrachloroethene	7.979	164	10938	1.595	ug/L	94
48) 2-Hexanone	8.143	43	11674	3.962	ug/L #	76
49) Dibromochloromethane	7.979	129	10280	1.578	ug/L #	7
61) 1,2,3-Trichloropropane	9.699	75	597	0.167	ug/L #	37

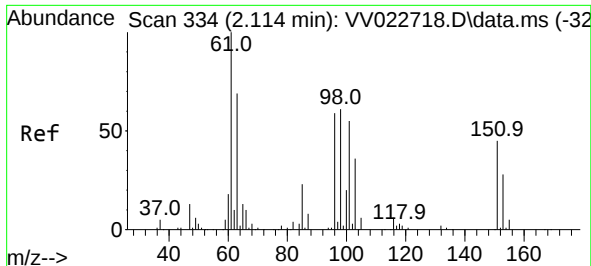
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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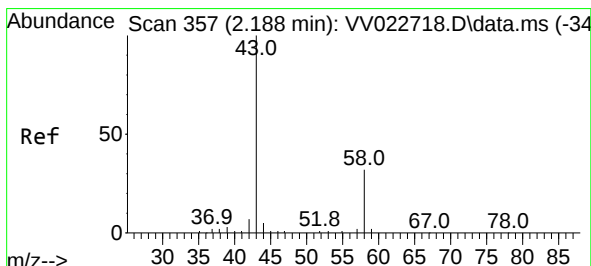
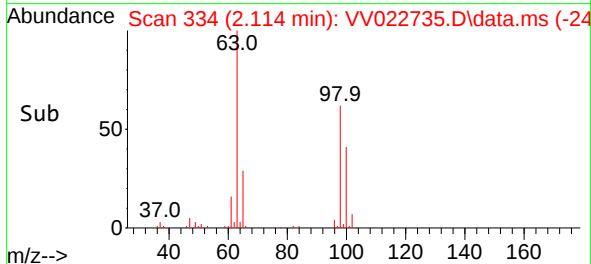
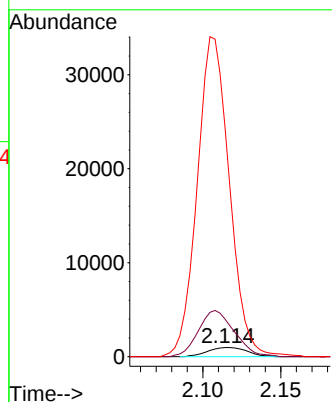
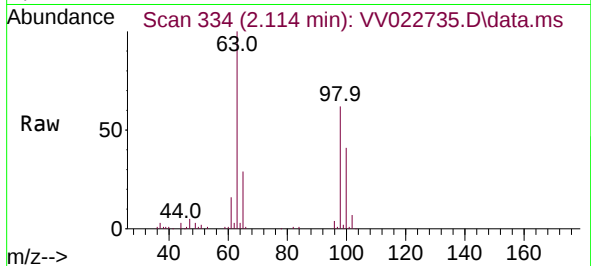




#12
1,1-Dichloroethene
Concen: 0.254 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022735.D
Acq: 11 Oct 2021 17:28

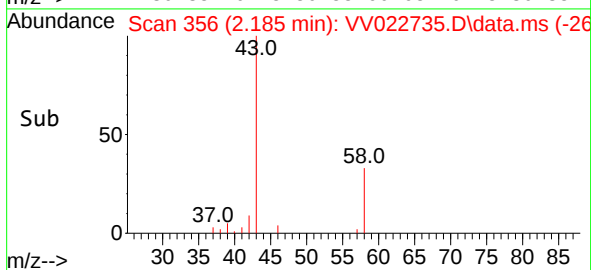
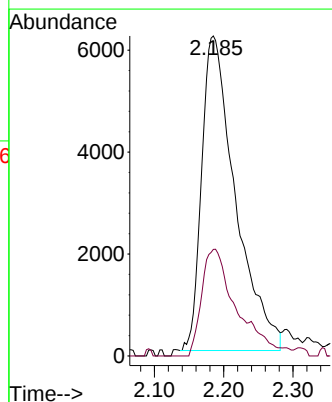
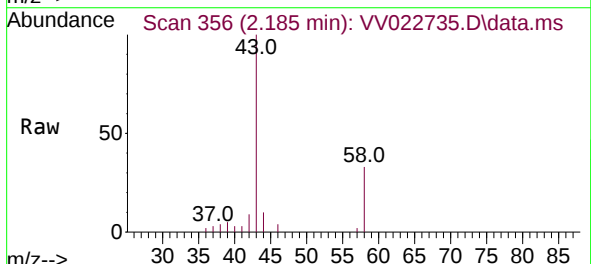
Instrument :
MSVOA_V
ClientSampled :

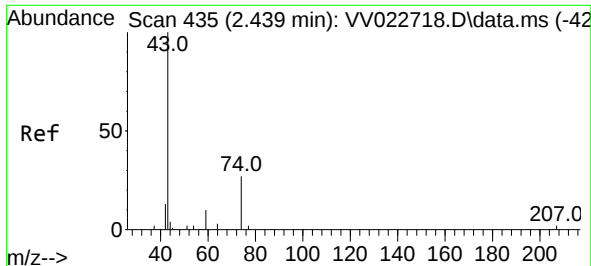
Tgt Ion: 96 Resp: 1730
Ion Ratio Lower Upper
96 100
61 408.4 127.3 236.5#
63 2499.0 106.2 197.2#



#13
Acetone
Concen: 18.401 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.003 min
Lab File: VV022735.D
Acq: 11 Oct 2021 17:28

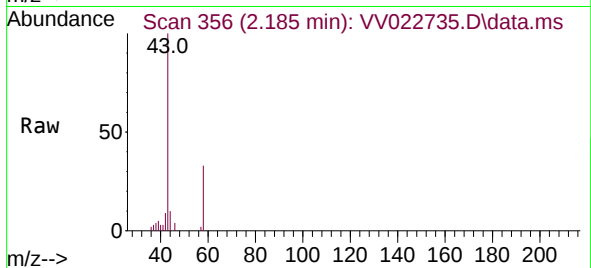
Tgt Ion: 43 Resp: 20902
Ion Ratio Lower Upper
43 100
58 35.6 0.0 24.2#



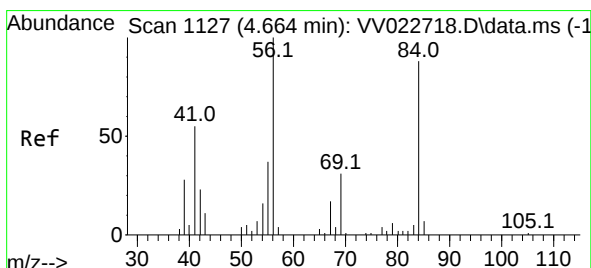
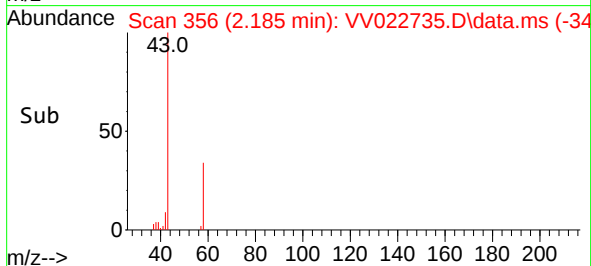
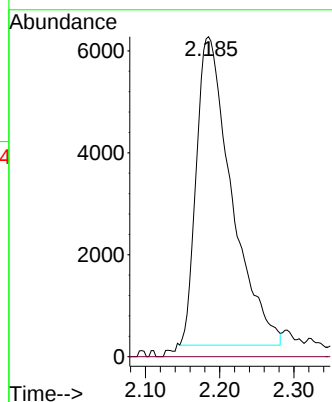


#15
Methyl Acetate
Concen: 6.118 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.254 min
Lab File: VV022735.D
Acq: 11 Oct 2021 17:28

Instrument :
MSVOA_V
ClientSampled :

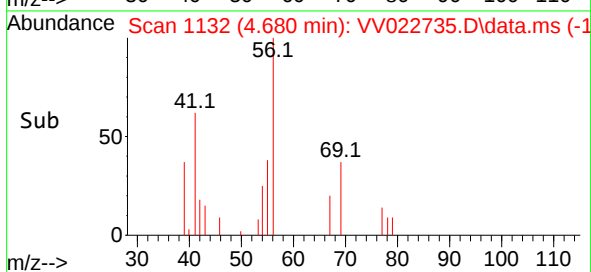
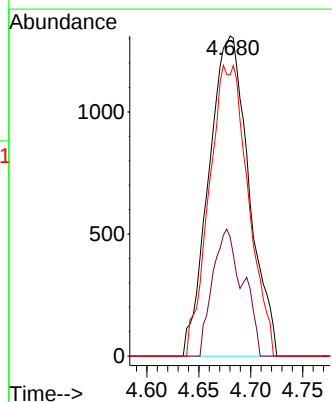
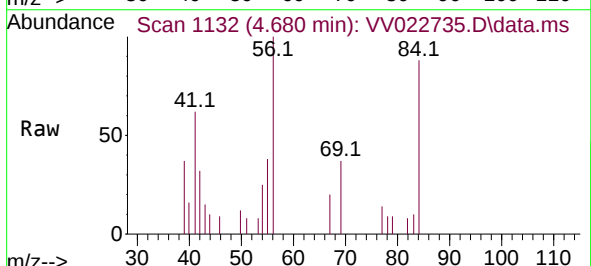


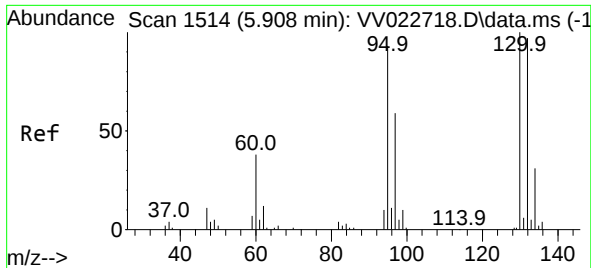
Tgt Ion: 43 Resp: 19884
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



#30
Cyclohexane
Concen: 0.288 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.016 min
Lab File: VV022735.D
Acq: 11 Oct 2021 17:28

Tgt Ion: 56 Resp: 3510
Ion Ratio Lower Upper
56 100
69 23.4 24.9 37.3#
84 88.5 72.5 108.7

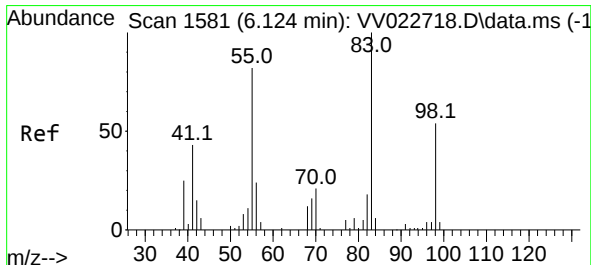
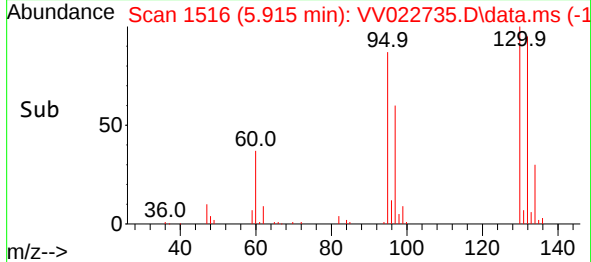
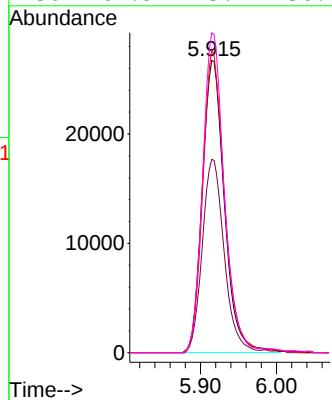
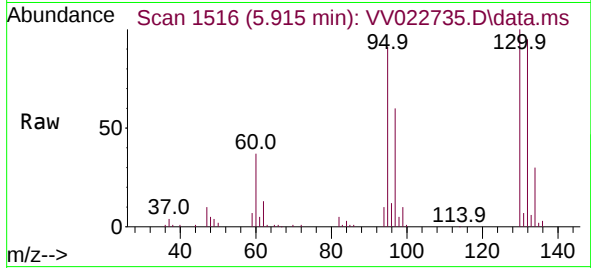




#34
Trichloroethene
Concen: 6.369 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV022735.D
Acq: 11 Oct 2021 17:28

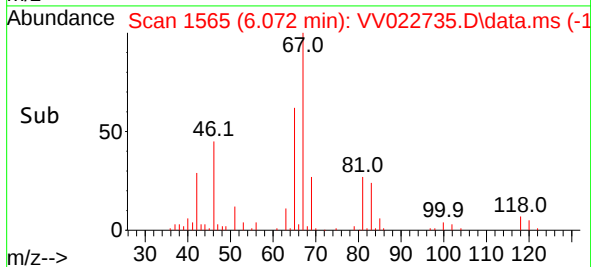
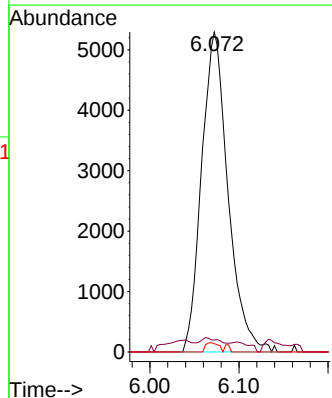
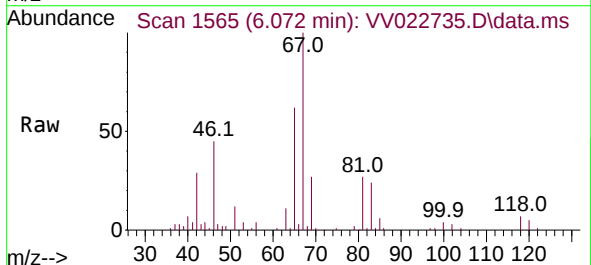
Instrument :
MSVOA_V
ClientSampled :

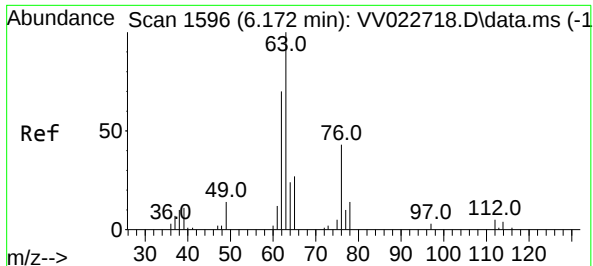
Tgt Ion: 95 Resp: 54015
Ion Ratio Lower Upper
95 100
97 66.1 45.8 85.2
132 103.7 72.2 134.0
130 109.5 73.4 136.4



#35
Methylcyclohexane
Concen: 0.918 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.051 min
Lab File: VV022735.D
Acq: 11 Oct 2021 17:28

Tgt Ion: 83 Resp: 10913
Ion Ratio Lower Upper
83 100
55 3.4 63.8 95.6#
98 1.4 42.1 63.1#



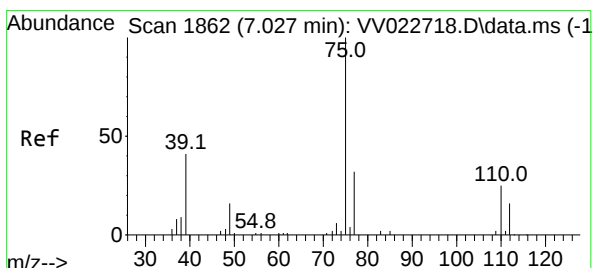
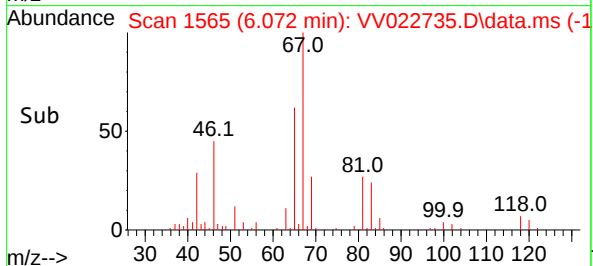
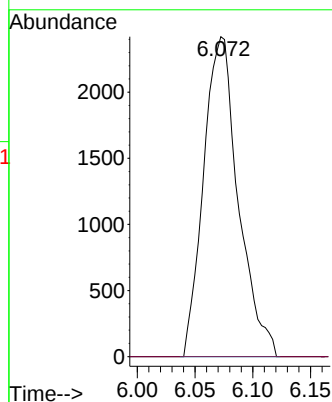
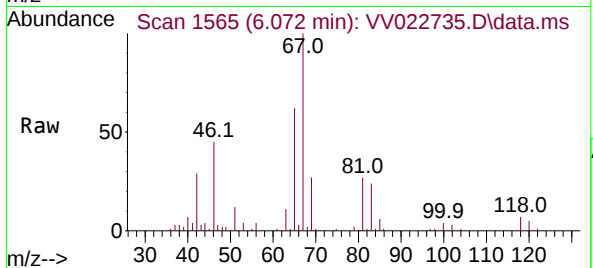


#37

1,2-Dichloropropane
Concen: 0.676 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022735.D
Acq: 11 Oct 2021 17:28

Instrument :
MSVOA_V
ClientSampled :

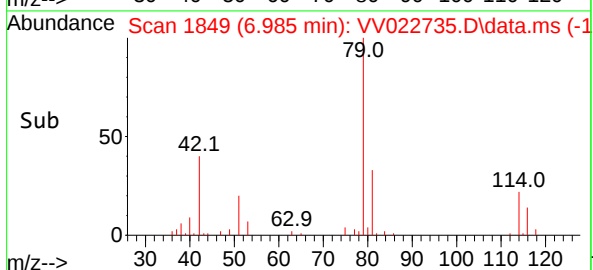
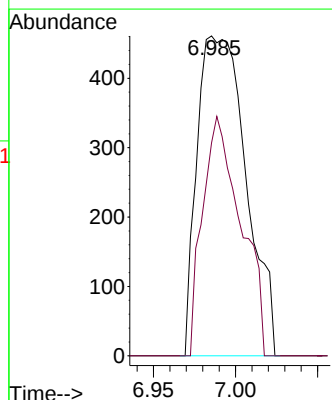
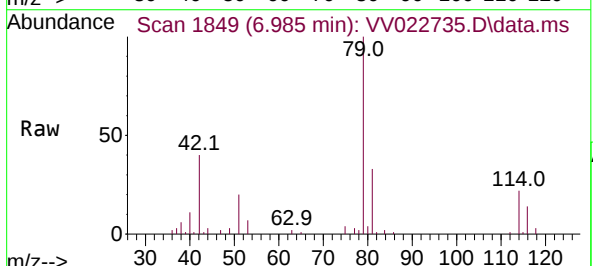
Tgt Ion: 63 Resp: 5067
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

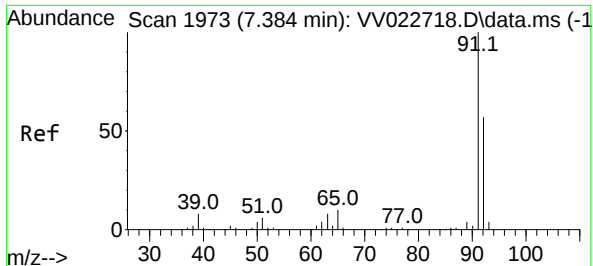


#39

cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV022735.D
Acq: 11 Oct 2021 17:28

Tgt Ion: 75 Resp: 958
Ion Ratio Lower Upper
75 100
77 66.6 22.3 41.3#





#42

Toluene

Concen: 0.064 ug/L

RT: 7.403 min Scan# 1979

Delta R.T. 0.019 min

Lab File: VV022735.D

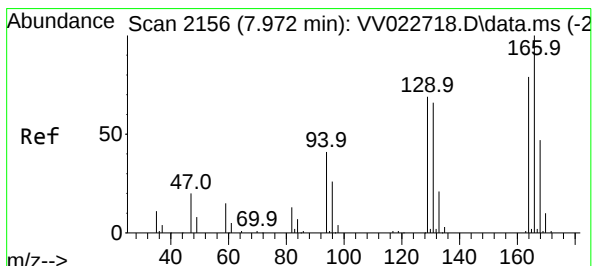
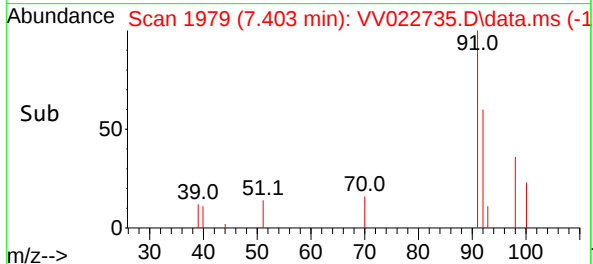
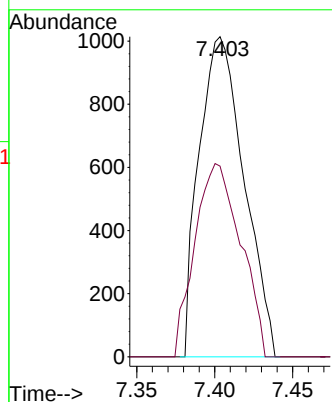
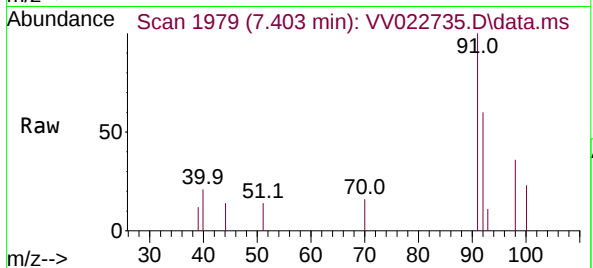
Acq: 11 Oct 2021 17:28

Tgt Ion: 91 Resp: 2033

Ion Ratio Lower Upper

91 100

92 59.6 40.7 75.7



#47

Tetrachloroethene

Concen: 1.595 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV022735.D

Acq: 11 Oct 2021 17:28

Tgt Ion: 164 Resp: 10938

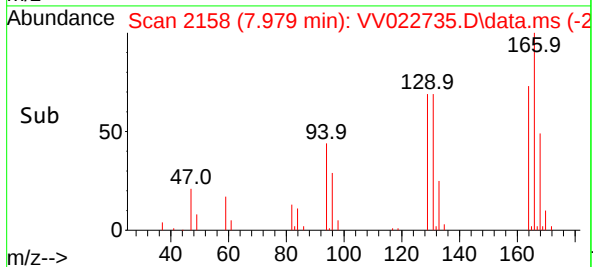
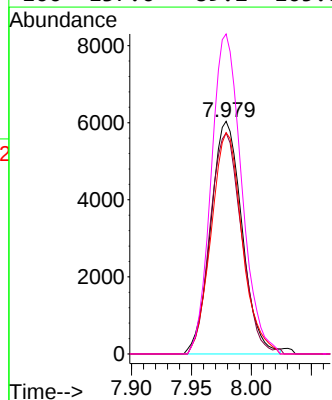
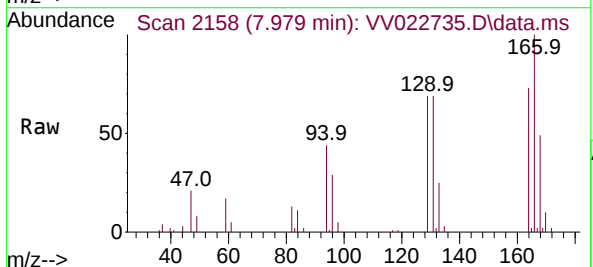
Ion Ratio Lower Upper

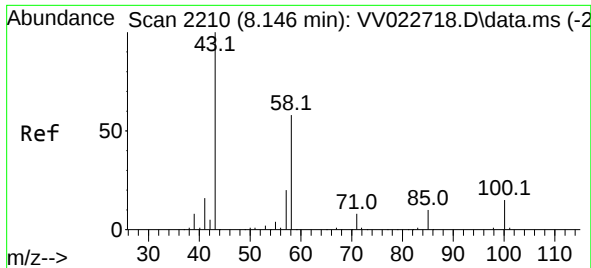
164 100

129 95.0 65.0 120.6

131 95.1 62.2 115.4

166 137.6 89.2 165.8

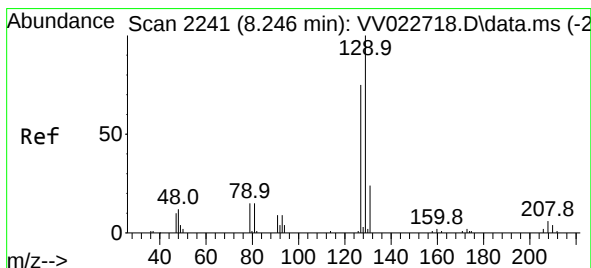
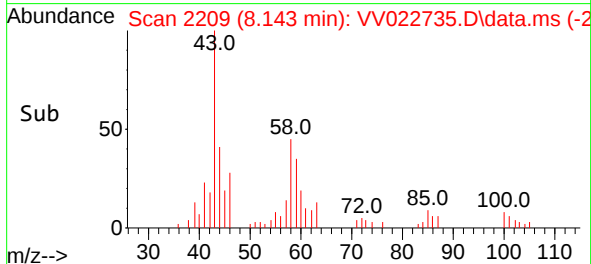
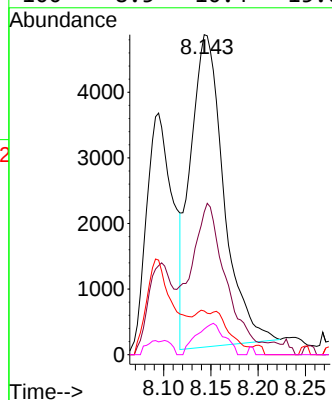
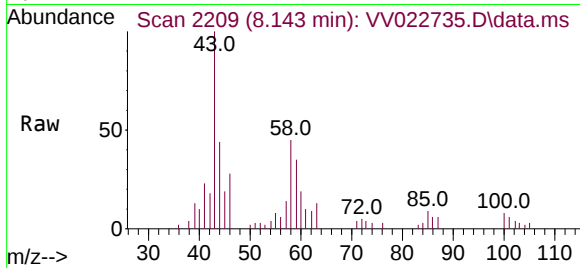




#48
2-Hexanone
Concen: 3.962 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VV022735.D
Acq: 11 Oct 2021 17:28

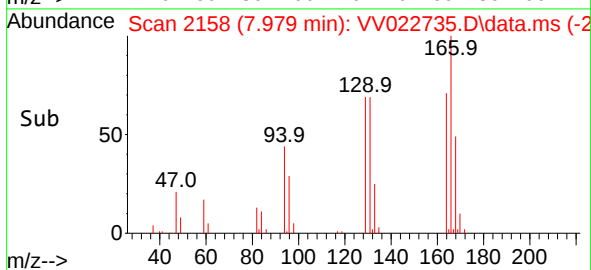
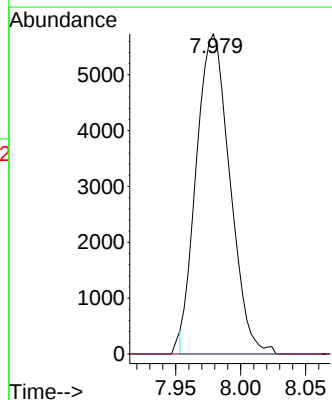
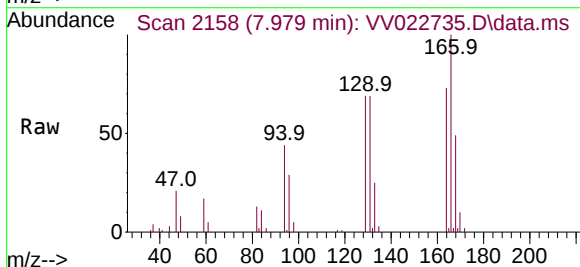
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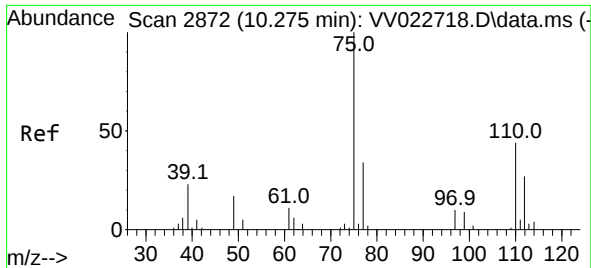
Tgt Ion:	43	Resp:	11674
Ion	Ratio	Lower	Upper
43	100		
58	43.1	47.4	71.0#
57	1.1	15.3	22.9#
100	8.5	10.4	15.6#



#49
Dibromochloromethane
Concen: 1.578 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV022735.D
Acq: 11 Oct 2021 17:28

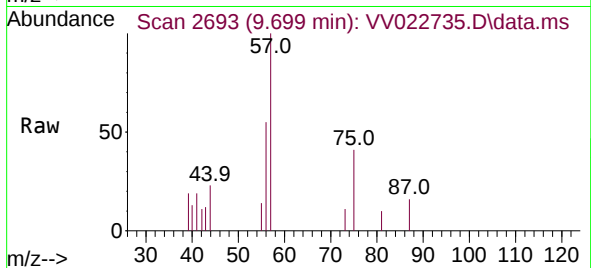
Tgt Ion:	129	Resp:	10280
Ion	Ratio	Lower	Upper
129	100		
127	0.0	59.1	109.9#





#61
 1,2,3-Trichloropropane
 Concen: 0.167 ug/L
 RT: 9.699 min Scan# 2693
 Delta R.T. -0.576 min
 Lab File: VV022735.D
 Acq: 11 Oct 2021 17:28

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	597
Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#
110	0.0	34.2	51.4#

