

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101521\
 Data File : VW022849.D
 Acq On : 15 Oct 2021 20:17
 Operator : SY/MD
 Sample : M4223-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 16 05:30:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 05:27:41 2021
 Response via : Initial Calibration

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

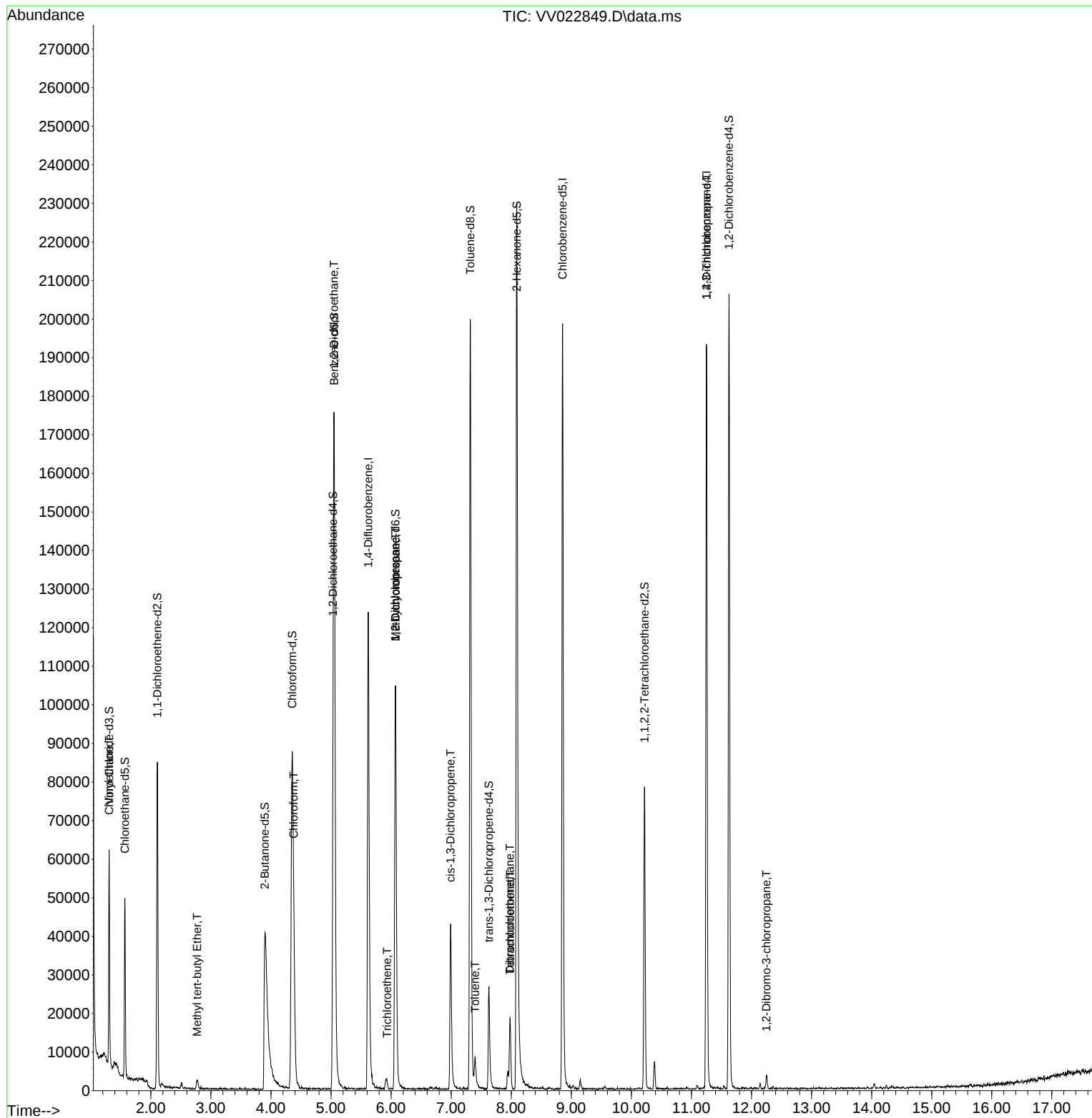
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	111370	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	113868	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53510	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35243	4.600	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.568	69	29842	4.334	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.108	63	43571	2.899	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	3.899	46	93513	46.544	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.080%
24) Chloroform-d	4.352	84	85398	5.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	5.034	65	39384	5.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.053	84	161568	4.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.072	67	51683	5.148	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.317	98	134023	4.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.629	79	15449	4.639	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.092	63	80590	60.051	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.100%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	37759	5.552	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	53616	5.404	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						
					Qvalue	
8) Chloroethane	1.307	64	559	0.107	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	2243	0.138	ug/L #	91
25) Chloroform	4.378	83	31277	2.048	ug/L	99
27) 1,2-Dichloroethane	5.050	62	1031	0.135	ug/L #	69
34) Trichloroethene	5.934	95	529	0.063	ug/L #	78
35) Methylcyclohexane	6.072	83	13303	1.139	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	5596	0.759	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1067	0.109	ug/L #	45
42) Toluene	7.397	91	5723	0.184	ug/L	97
47) Tetrachloroethene	7.982	164	4075	0.604	ug/L	87
49) Dibromochloromethane	7.979	129	3944	0.616	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	5641	1.517	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.246	75	72	0.106	ug/L #	1

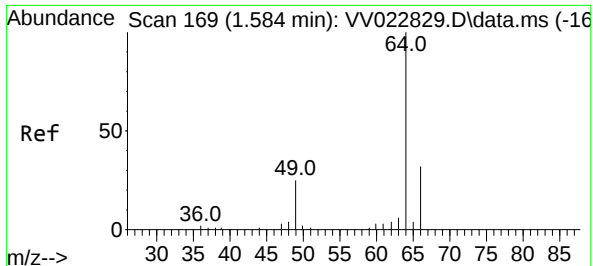
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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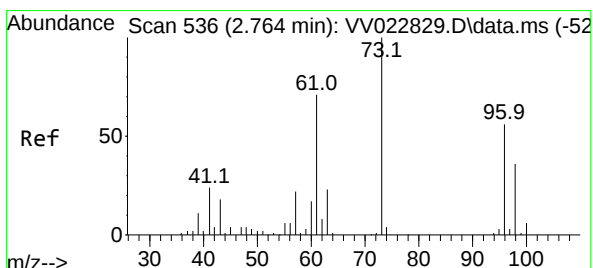
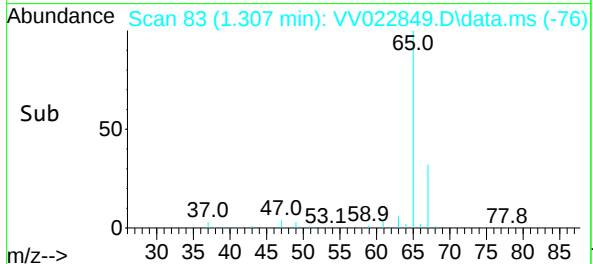
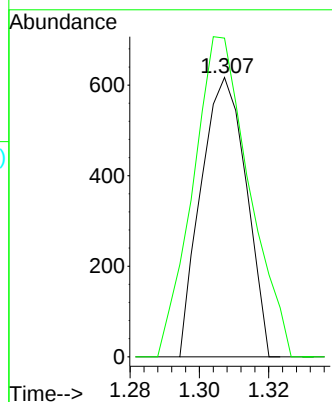
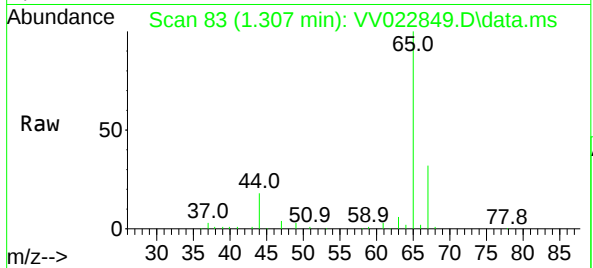




#8
Chloroethane
Concen: 0.107 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.277 min
Lab File: VV022849.D
Acq: 15 Oct 2021 20:17

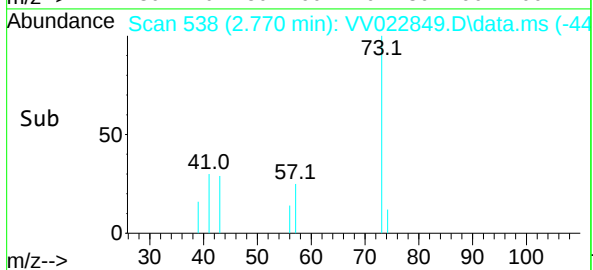
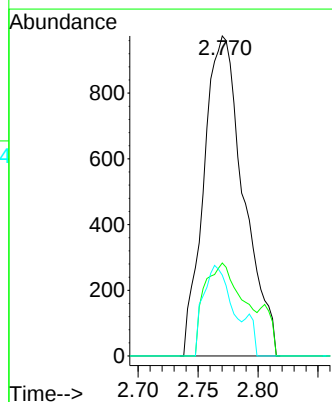
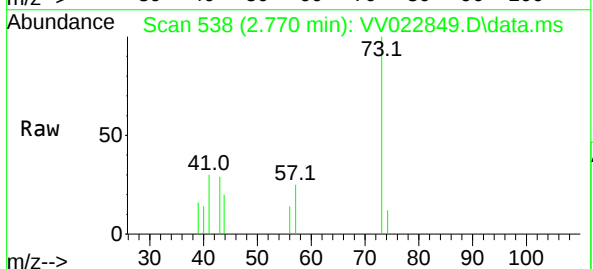
Instrument :
MSVOA_V
ClientSampled :

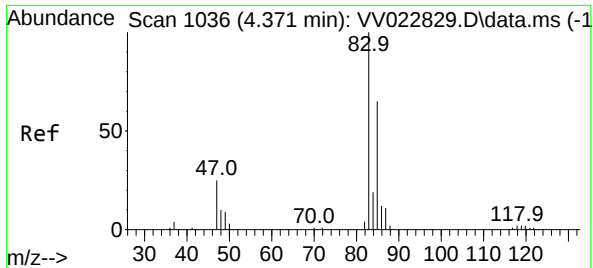
Tgt Ion: 64 Resp: 559
Ion Ratio Lower Upper
64 100
66 114.1 22.9 42.5#



#17
Methyl tert-butyl Ether
Concen: 0.138 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV022849.D
Acq: 15 Oct 2021 20:17

Tgt Ion: 73 Resp: 2243
Ion Ratio Lower Upper
73 100
43 28.4 17.1 25.7#
57 19.8 17.2 25.8

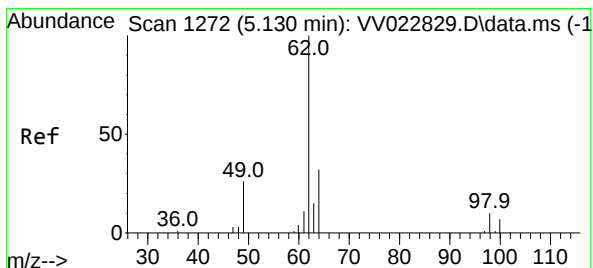
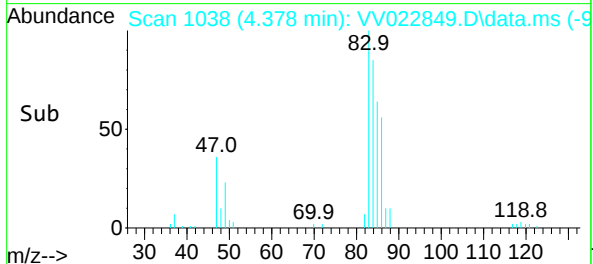
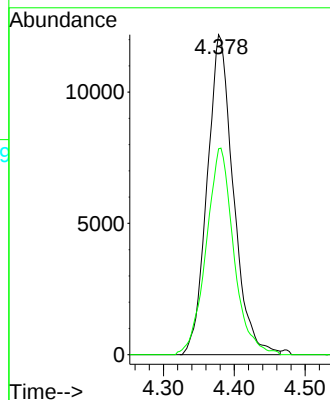
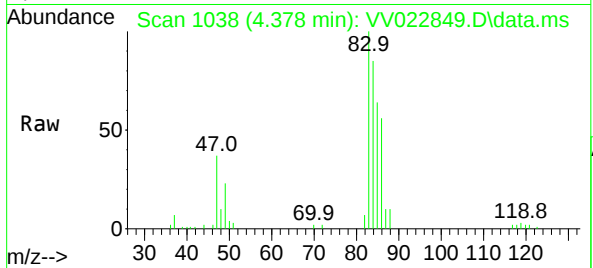




#25
Chloroform
Concen: 2.048 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV022849.D
Acq: 15 Oct 2021 20:17

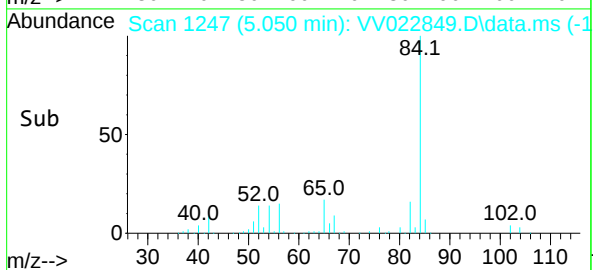
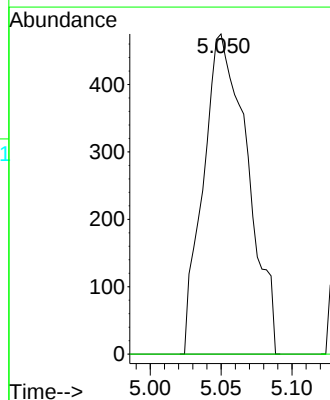
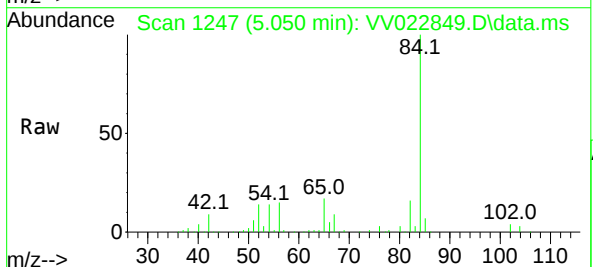
Instrument :
MSVOA_V
ClientSampled :

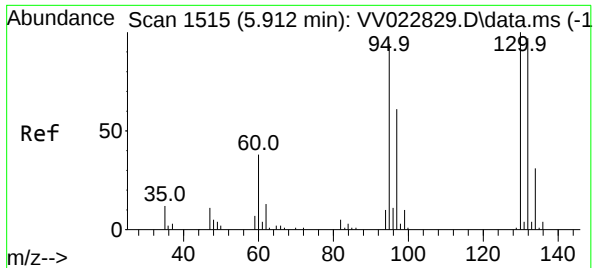
Tgt Ion: 83 Resp: 31277
Ion Ratio Lower Upper
83 100
85 64.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.135 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.080 min
Lab File: VV022849.D
Acq: 15 Oct 2021 20:17

Tgt Ion: 62 Resp: 1031
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#



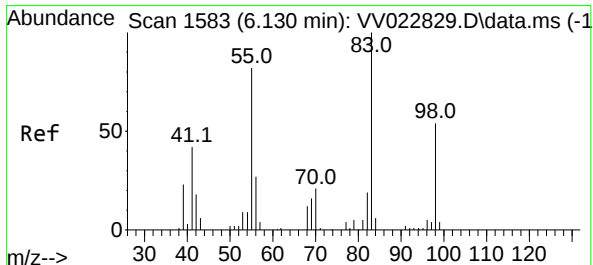
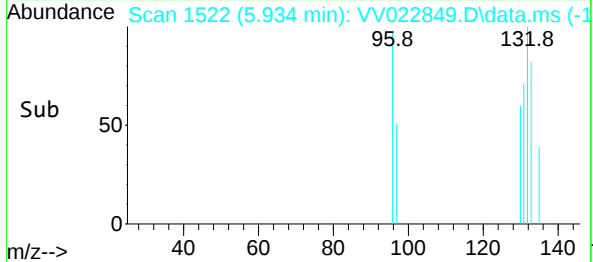
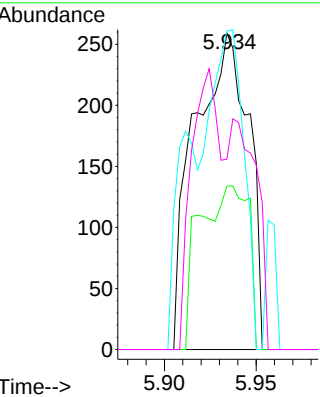
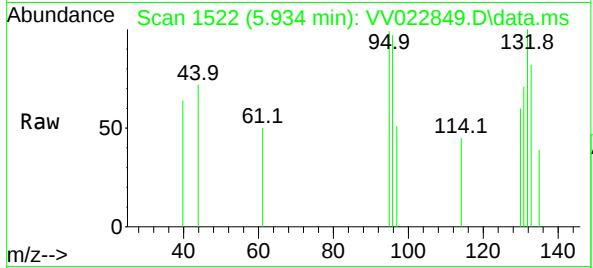


#34
Trichloroethene
Concen: 0.063 ug/L
RT: 5.934 min Scan# 1522
Delta R.T. 0.023 min
Lab File: VV022849.D
Acq: 15 Oct 2021 20:17

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 529

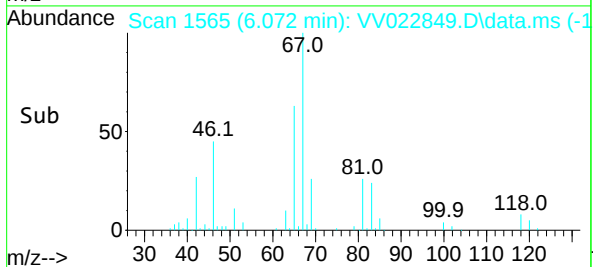
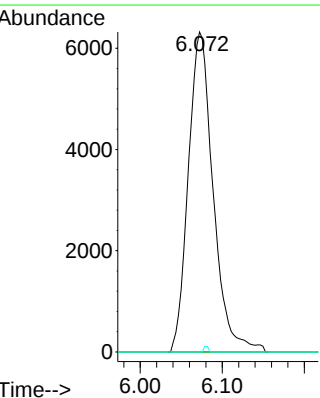
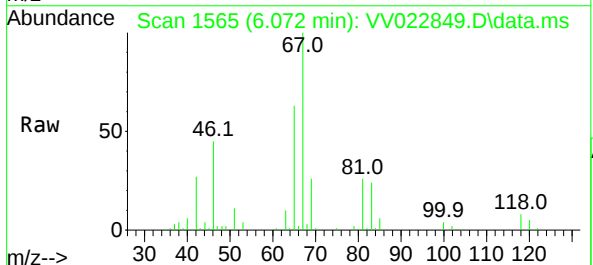
Ion	Ratio	Lower	Upper
95	100		
97	51.7	45.8	85.2
132	100.8	72.2	134.0
130	60.2	73.4	136.4

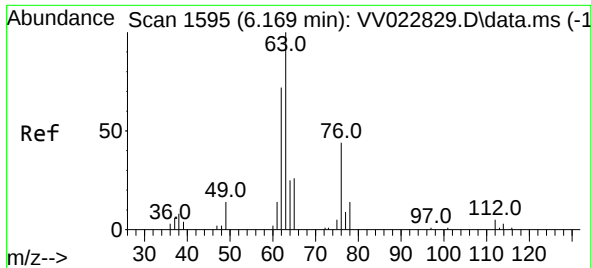


#35
Methylcyclohexane
Concen: 1.139 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV022849.D
Acq: 15 Oct 2021 20:17

Tgt Ion: 83 Resp: 13303

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.8	95.6
98	0.3	42.1	63.1





#37

1,2-Dichloropropane

Concen: 0.759 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.096 min

Lab File: VV022849.D

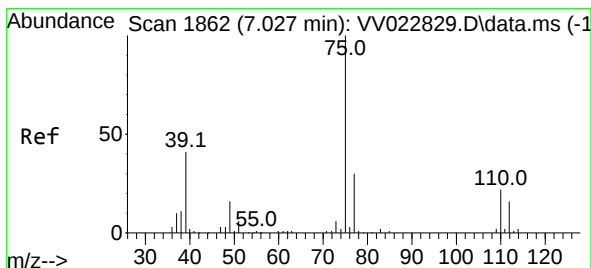
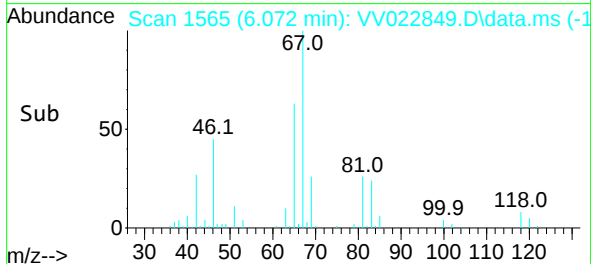
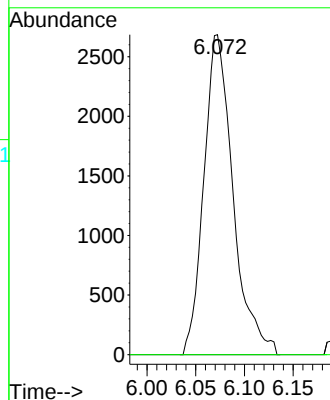
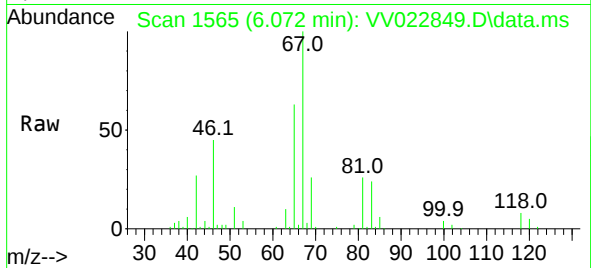
Acq: 15 Oct 2021 20:17

Tgt Ion: 63 Resp: 5596

Ion Ratio Lower Upper

63 100

112 0.0 4.4 6.6#



#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV022849.D

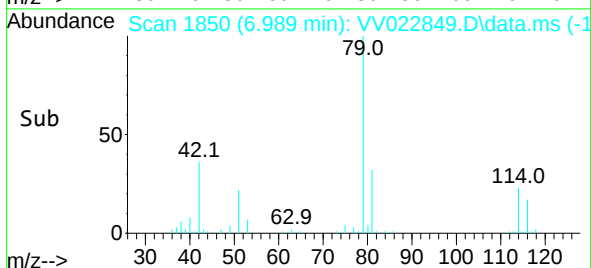
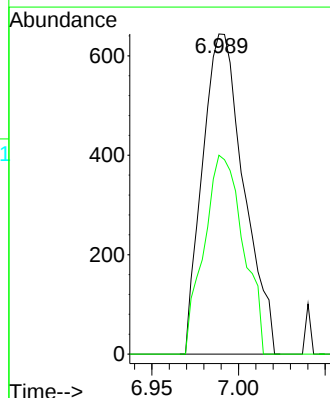
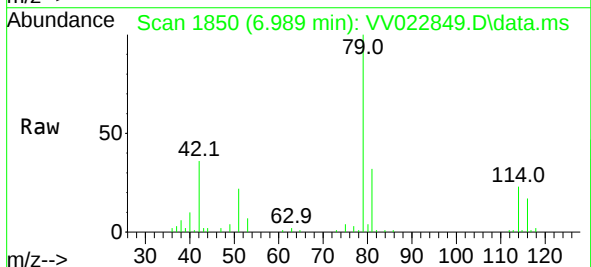
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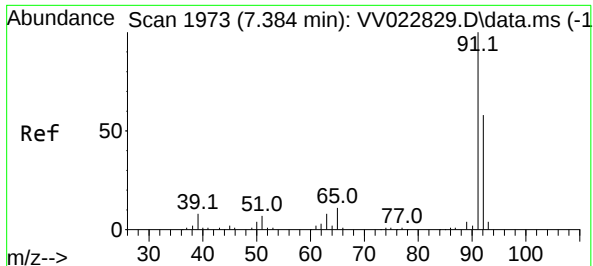
Tgt Ion: 75 Resp: 1067

Ion Ratio Lower Upper

75 100

77 62.1 22.3 41.3#

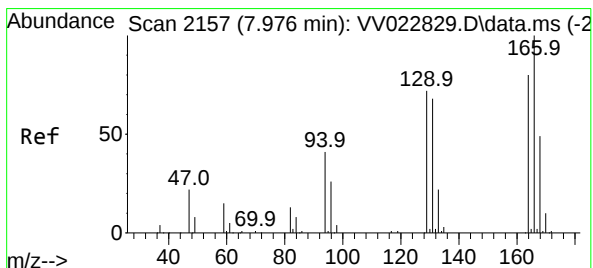
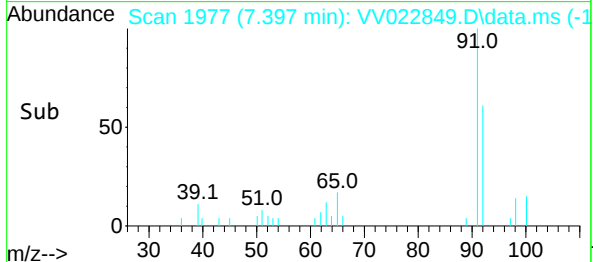
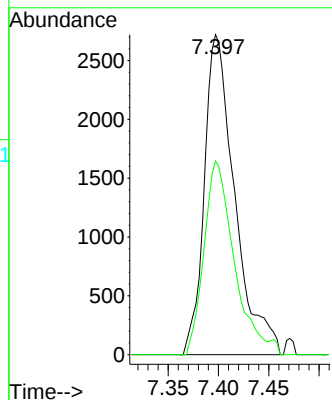
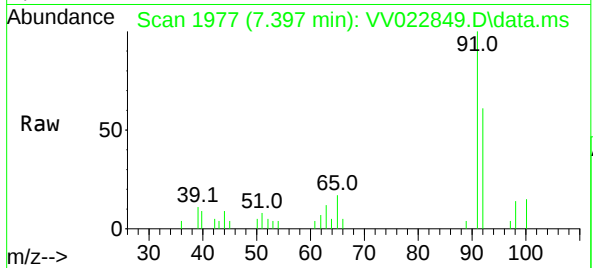




#42
Toluene
Concen: 0.184 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.013 min
Lab File: VV022849.D
Acq: 15 Oct 2021 20:17

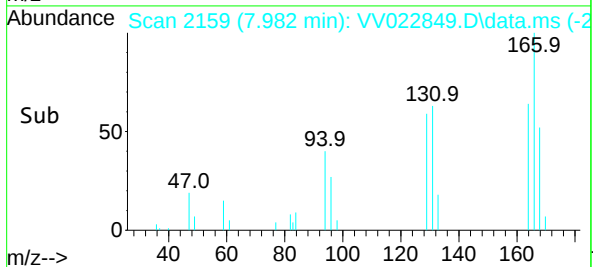
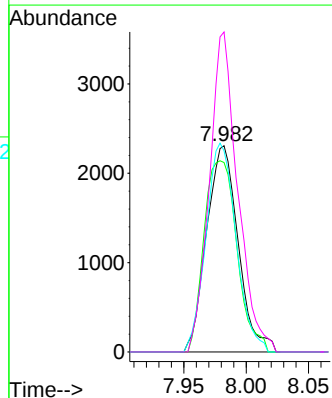
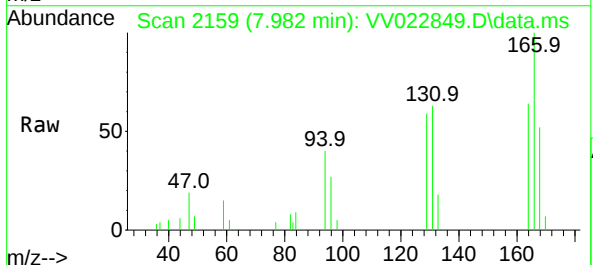
Instrument :
MSVOA_V
ClientSampled :

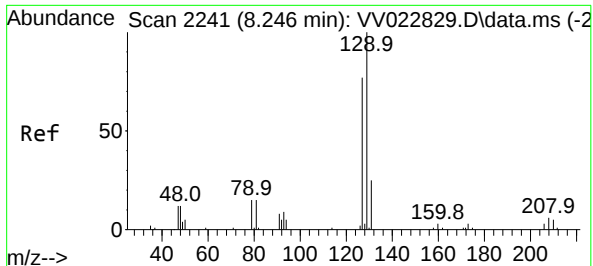
Tgt Ion: 91 Resp: 5723
Ion Ratio Lower Upper
91 100
92 60.6 40.7 75.7



#47
Tetrachloroethene
Concen: 0.604 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.006 min
Lab File: VV022849.D
Acq: 15 Oct 2021 20:17

Tgt Ion: 164 Resp: 4075
Ion Ratio Lower Upper
164 100
129 91.9 65.0 120.6
131 97.5 62.2 115.4
166 155.1 89.2 165.8





#49

Dibromochloromethane

Concen: 0.616 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV022849.D

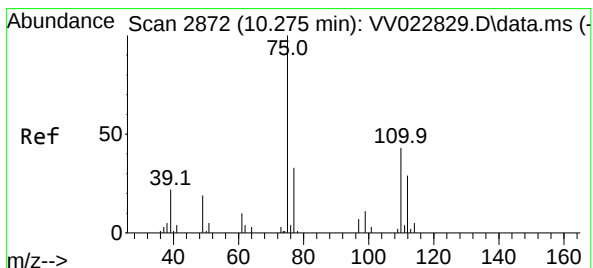
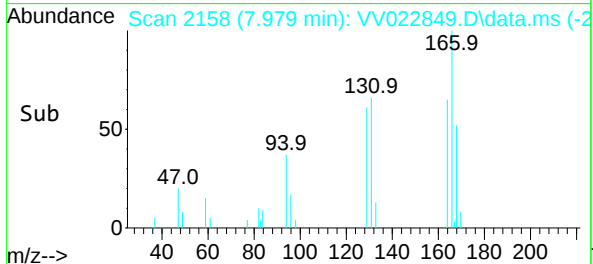
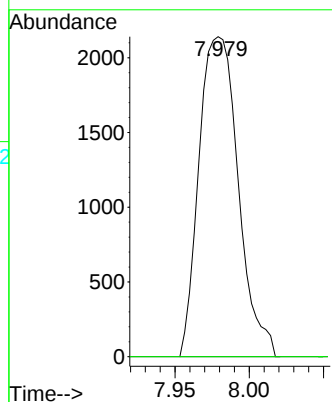
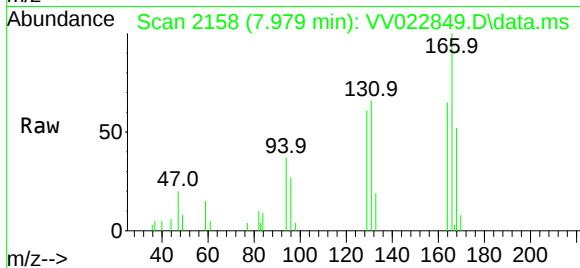
Acq: 15 Oct 2021 20:17

Tgt Ion:129 Resp: 3944

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.517 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022849.D

Acq: 15 Oct 2021 20:17

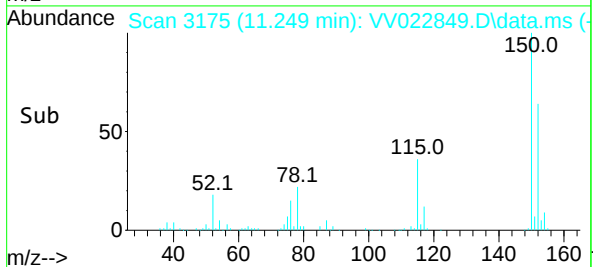
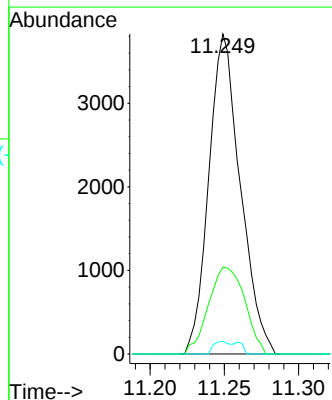
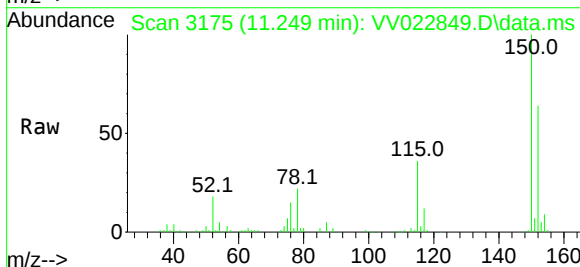
Tgt Ion: 75 Resp: 5641

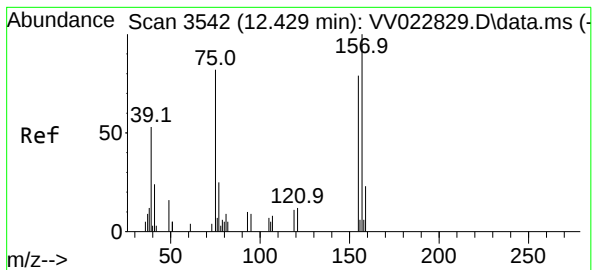
Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2

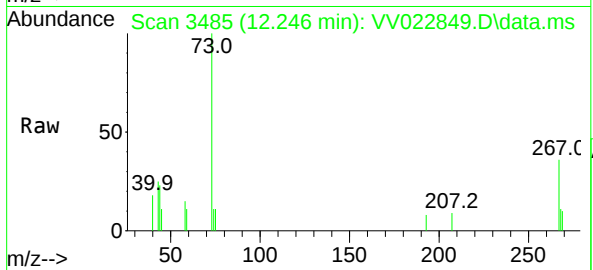
110 3.1 34.2 51.4#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.106 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.183 min
 Lab File: VV022849.D
 Acq: 15 Oct 2021 20:17

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	72
Ion	Ratio	Lower	Upper
75	100		
155	0.0	82.4	123.6#
157	0.0	114.1	171.1#

