

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029047.D
 Acq On : 17 Nov 2022 03:51
 Operator : SY/MD
 Sample : N5592-04DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA9DL

Quant Time: Nov 17 05:37:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 04:20:13 2022
 Response via : Initial Calibration

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

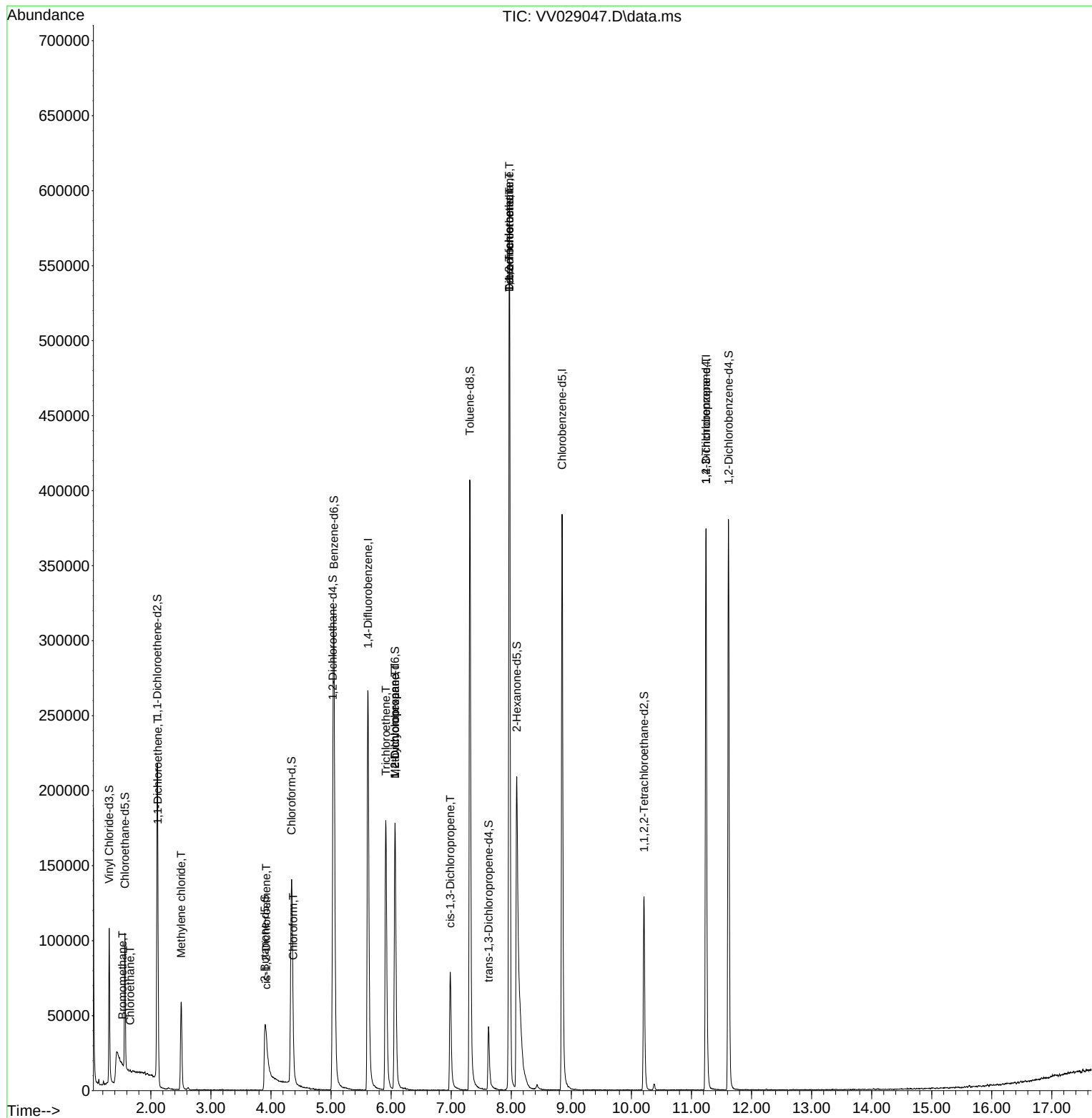
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	259971	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	237625	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	111306	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	70718	4.462	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.568	69	58921	4.229	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.108	63	99512	3.445	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.899	46	83333	31.410	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	62.820%
24) Chloroform-d	4.343	84	151737	4.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.031	65	71241	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.047	84	323848	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.066	67	92365	4.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.310	98	301599	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	7.622	79	29942	4.635	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.092	63	125425	45.489	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.980%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	66388	4.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.619	152	108905	5.469	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						
					Qvalue	
6) Bromomethane	1.526	94	514	0.042	ug/L #	63
8) Chloroethane	1.655	64	1605	0.133	ug/L #	52
12) 1,1-Dichloroethene	2.118	96	14395	0.915	ug/L #	1
16) Methylene chloride	2.507	84	28237	1.388	ug/L	94
22) cis-1,2-Dichloroethene	3.921	96	1113	0.060	ug/L	96
25) Chloroform	4.368	83	3943	0.126	ug/L	77
34) Trichloroethene	5.912	95	66604	3.583	ug/L	95
35) Methylcyclohexane	6.066	83	23247	0.712	ug/L #	23
37) 1,2-Dichloropropane	6.066	63	9630	0.575	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	2024	0.087	ug/L #	59
45) 1,1,2-Trichloroethane	7.966	97	1067	0.097	ug/L #	1
47) Tetrachloroethene	7.969	164	141811	9.527	ug/L	99
49) Dibromochloromethane	7.969	129	124165	9.369	ug/L #	10
61) 1,2,3-Trichloropropane	11.243	75	10740	1.412	ug/L #	65

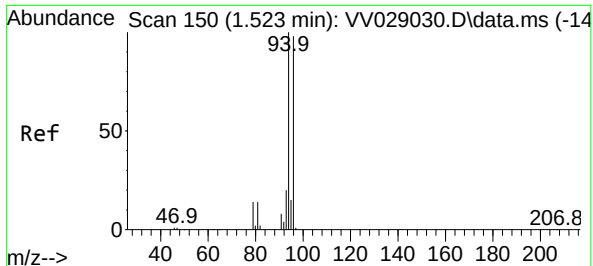
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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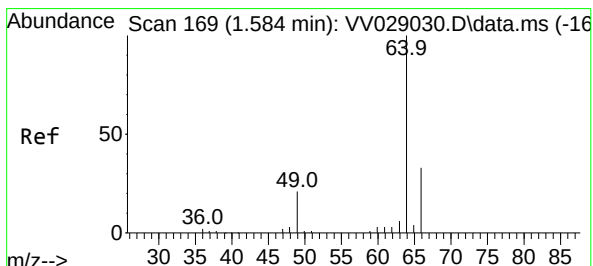
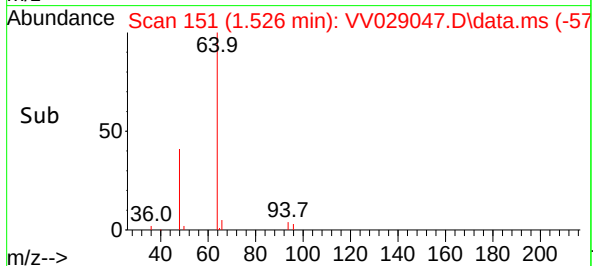
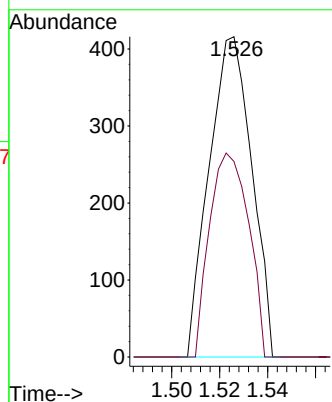
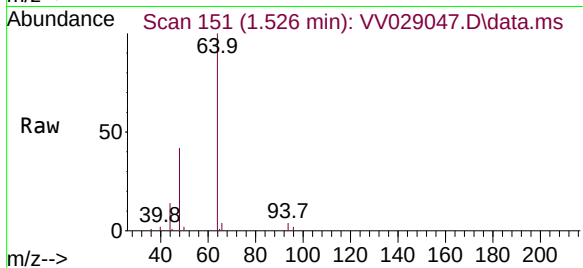




#6
Bromomethane
Concen: 0.042 ug/L
RT: 1.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029047.D
Acq: 17 Nov 2022 03:51

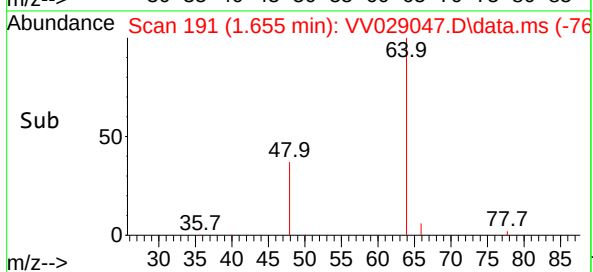
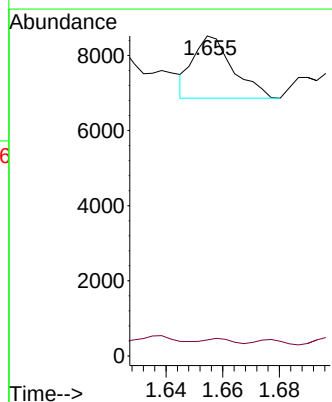
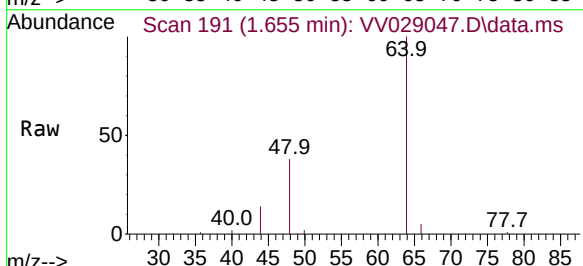
Instrument :
MSVOA_V
ClientSampleId :
H0AA9DL

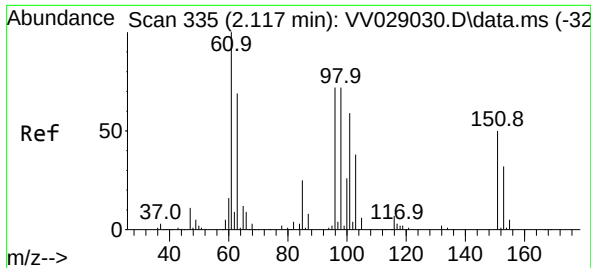
Tgt Ion: 94 Resp: 514
Ion Ratio Lower Upper
94 100
96 61.1 68.5 127.3#



#8
Chloroethane
Concen: 0.133 ug/L
RT: 1.655 min Scan# 191
Delta R.T. 0.071 min
Lab File: VV029047.D
Acq: 17 Nov 2022 03:51

Tgt Ion: 64 Resp: 1605
Ion Ratio Lower Upper
64 100
66 5.0 22.0 40.8#

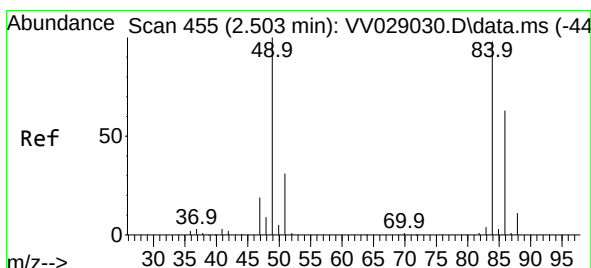
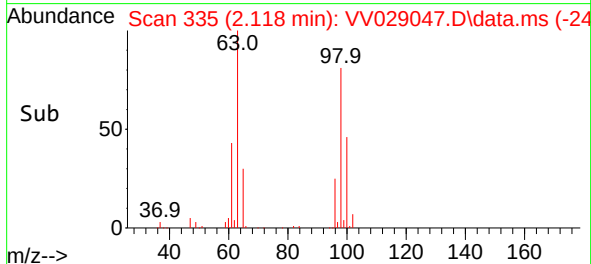
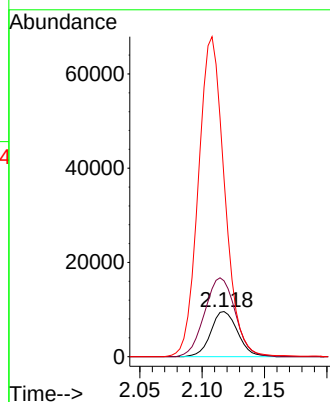
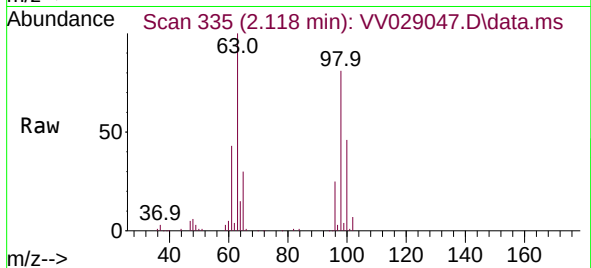




#12
1,1-Dichloroethene
Concen: 0.915 ug/L
RT: 2.118 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV029047.D
Acq: 17 Nov 2022 03:51

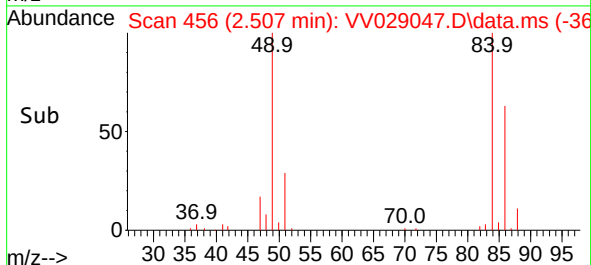
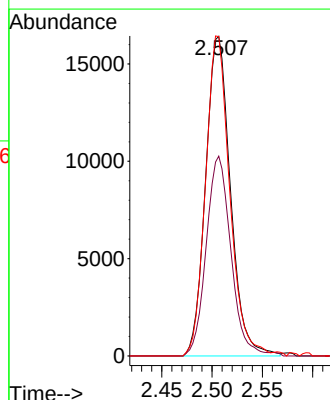
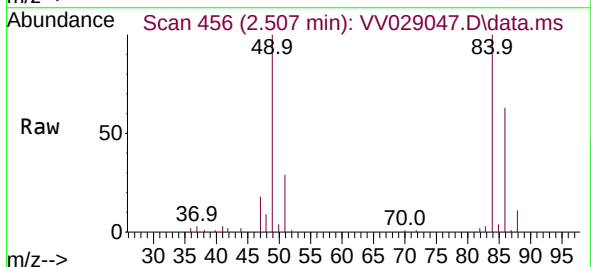
Instrument :
MSVOA_V
ClientSampleId :
H0AA9DL

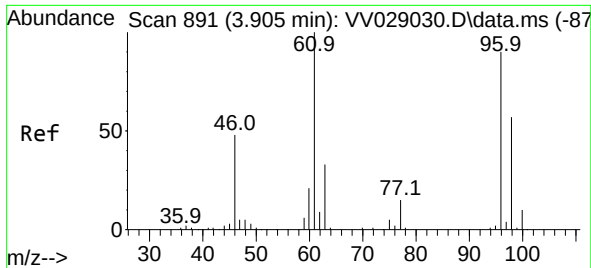
Tgt Ion: 96 Resp: 14395
Ion Ratio Lower Upper
96 100
61 168.4 104.2 193.4
63 394.7 75.9 140.9#



#16
Methylene chloride
Concen: 1.388 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV029047.D
Acq: 17 Nov 2022 03:51

Tgt Ion: 84 Resp: 28237
Ion Ratio Lower Upper
84 100
86 62.5 45.8 85.0
49 99.9 75.5 140.1

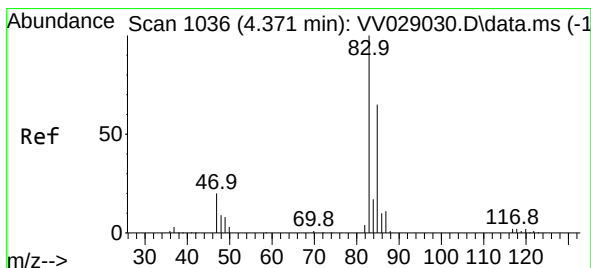
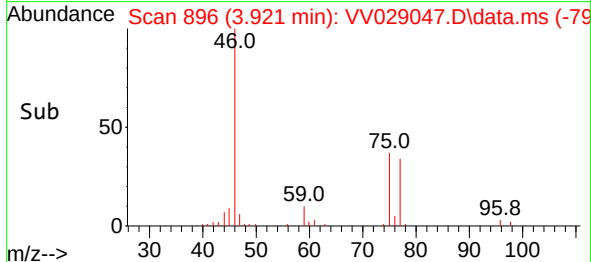
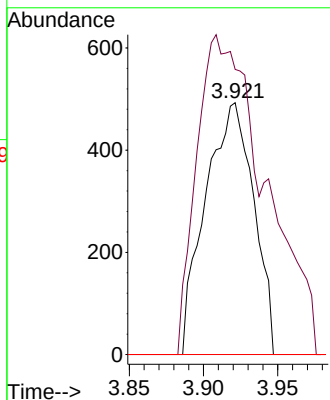
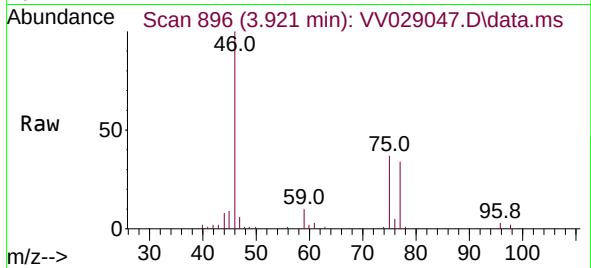




#22
 cis-1,2-Dichloroethene
 Concen: 0.060 ug/L
 RT: 3.921 min Scan# 891
 Delta R.T. 0.016 min
 Lab File: VV029047.D
 Acq: 17 Nov 2022 03:51

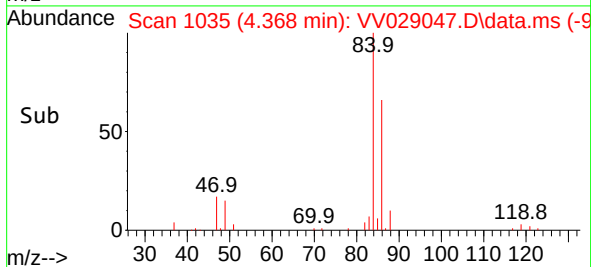
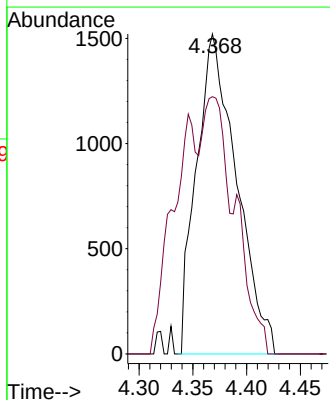
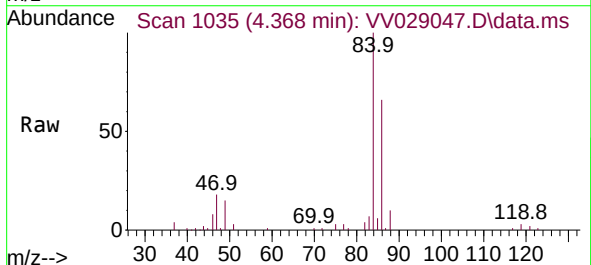
Instrument :
 MSVOA_V
 ClientSampleId :
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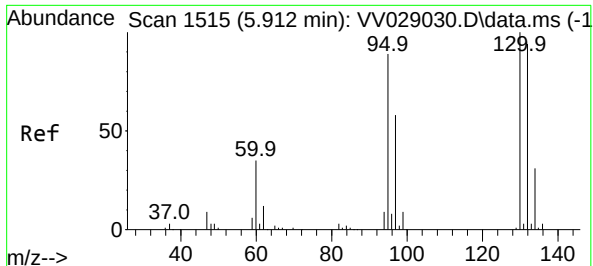
Tgt Ion: 96 Resp: 1113
 Ion Ratio Lower Upper
 96 100
 61 113.2 82.3 152.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.126 ug/L
 RT: 4.368 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VV029047.D
 Acq: 17 Nov 2022 03:51

Tgt Ion: 83 Resp: 3943
 Ion Ratio Lower Upper
 83 100
 85 80.4 43.7 81.1

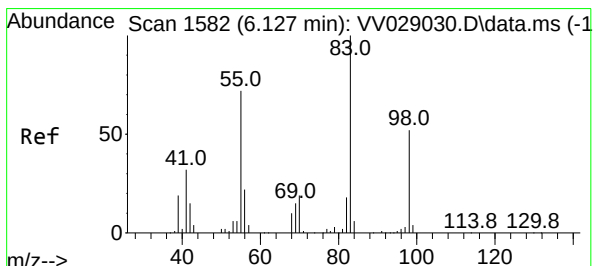
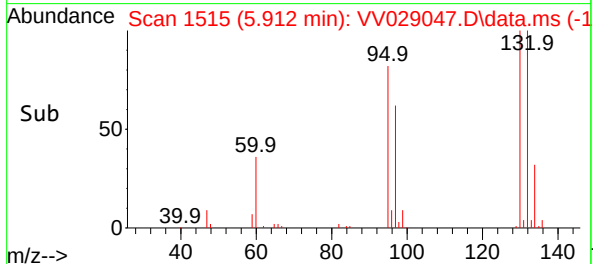
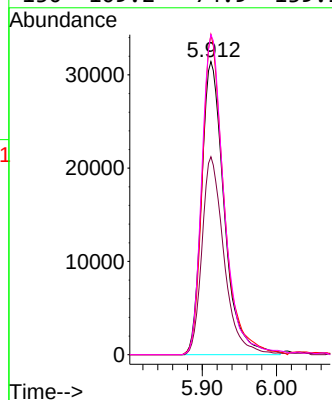
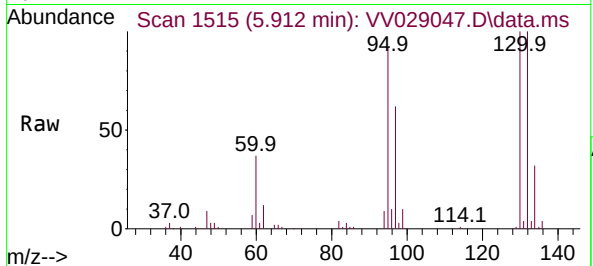




#34
Trichloroethene
Concen: 3.583 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV029047.D
Acq: 17 Nov 2022 03:51

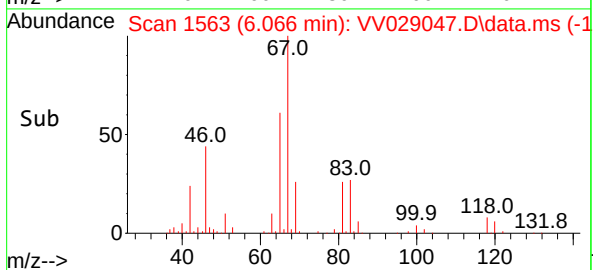
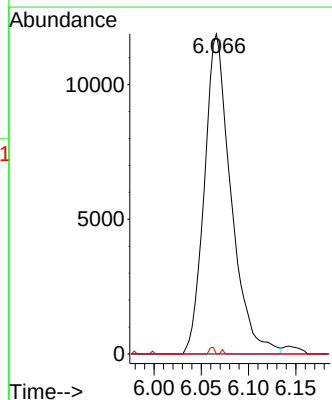
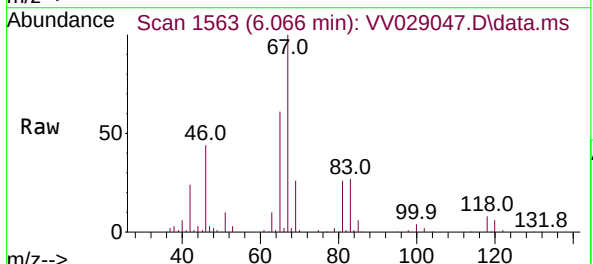
Instrument :
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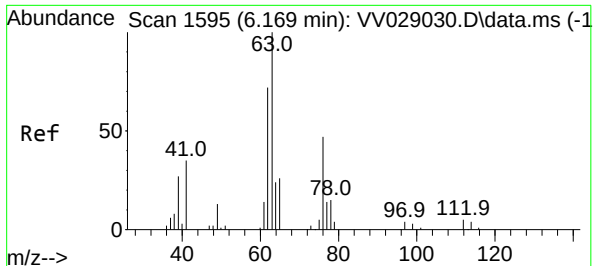
Tgt Ion: 95 Resp: 66604
Ion Ratio Lower Upper
95 100
97 67.5 45.6 84.8
132 109.2 69.1 128.3
130 109.2 74.9 139.1



#35
Methylcyclohexane
Concen: 0.712 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV029047.D
Acq: 17 Nov 2022 03:51

Tgt Ion: 83 Resp: 23247
Ion Ratio Lower Upper
83 100
55 0.0 55.8 83.6#
98 3.8 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.575 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV029047.D

Acq: 17 Nov 2022 03:51

Instrument :

MSVOA_V

ClientSampleId :

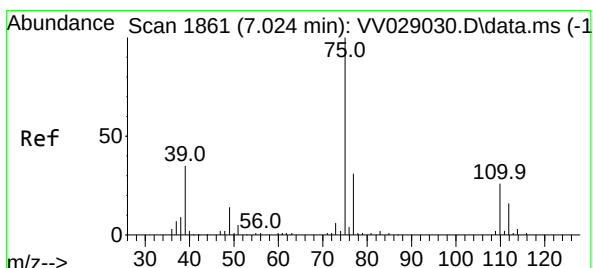
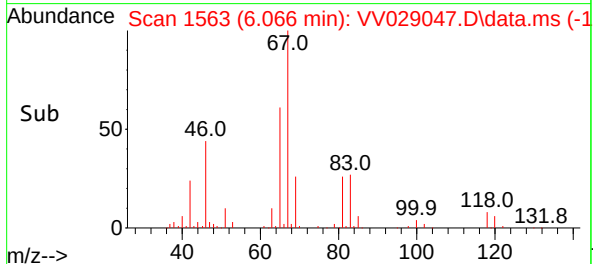
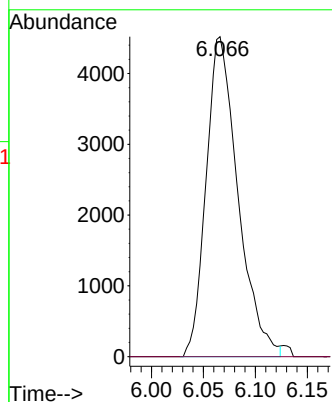
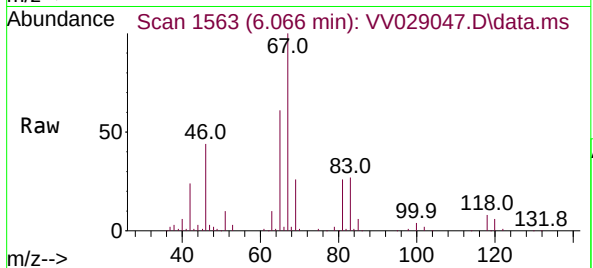
H0AA9DL

Tgt Ion: 63 Resp: 9630

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.038 min

Lab File: VV029047.D

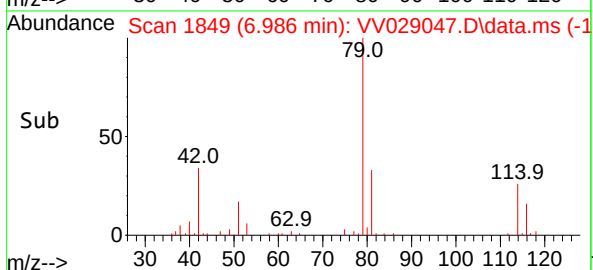
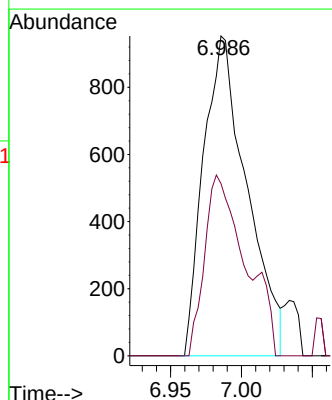
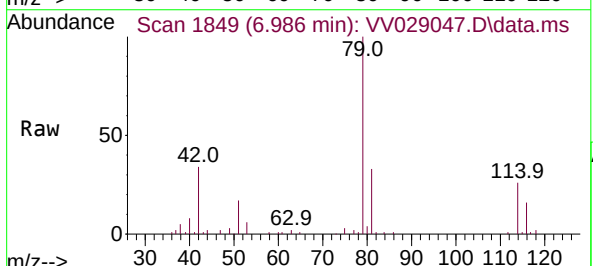
Acq: 17 Nov 2022 03:51

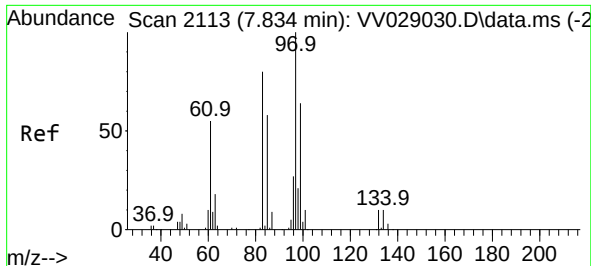
Tgt Ion: 75 Resp: 2024

Ion Ratio Lower Upper

75 100

77 53.8 21.8 40.6#



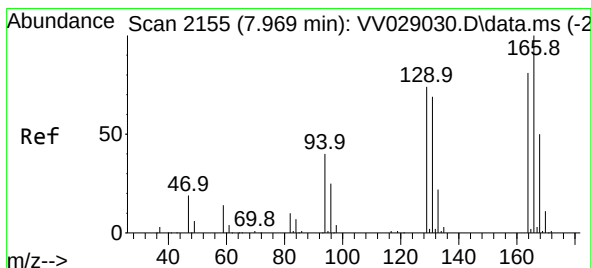
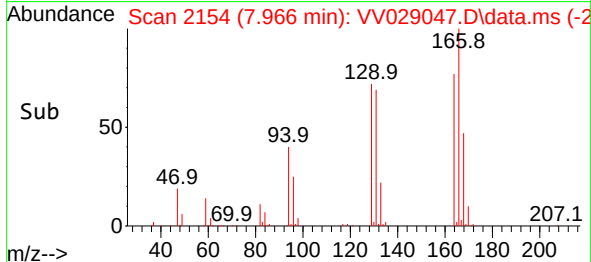
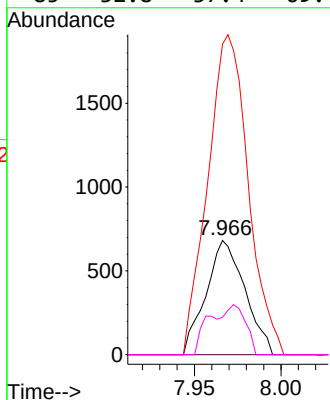
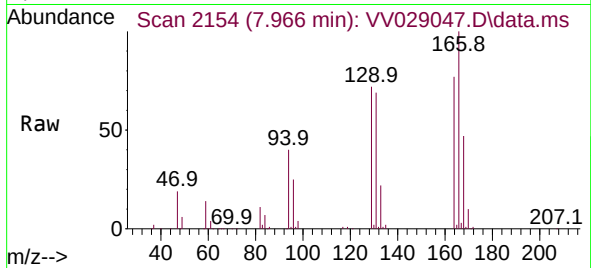


#45
1,1,2-Trichloroethane
Concen: 0.097 ug/L
RT: 7.966 min Scan# 2113
Delta R.T. 0.132 min
Lab File: VV029047.D
Acq: 17 Nov 2022 03:51

Instrument :
MSVOA_V
ClientSampleId :
H0AA9DL

Tgt Ion: 97 Resp: 1067

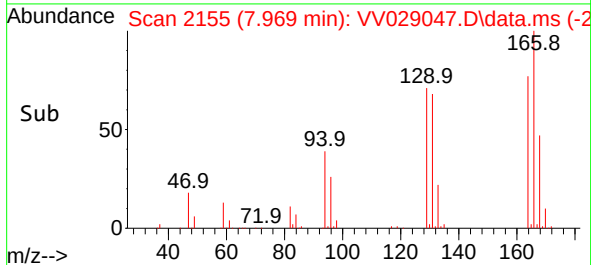
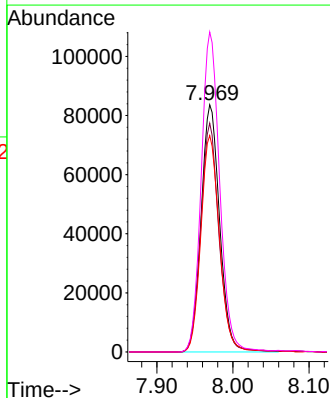
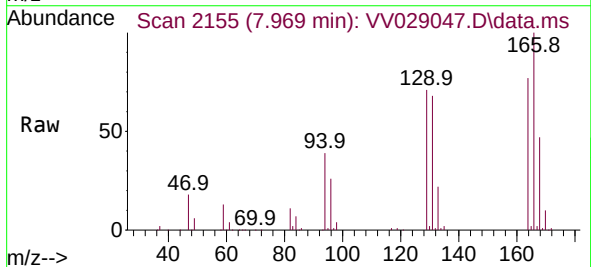
Ion	Ratio	Lower	Upper
97	100		
99	0.0	41.5	77.1#
83	271.7	60.0	111.4#
85	32.8	37.4	69.4#

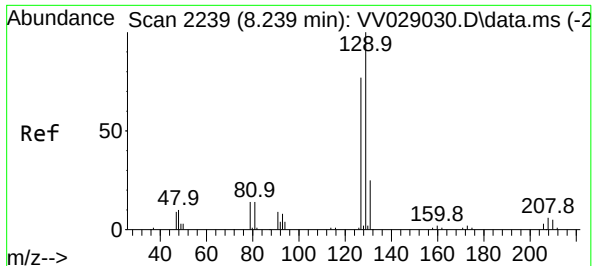


#47
Tetrachloroethene
Concen: 9.527 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV029047.D
Acq: 17 Nov 2022 03:51

Tgt Ion: 164 Resp: 141811

Ion	Ratio	Lower	Upper
164	100		
129	92.5	63.9	118.7
131	87.6	61.8	114.8
166	129.4	90.2	167.4

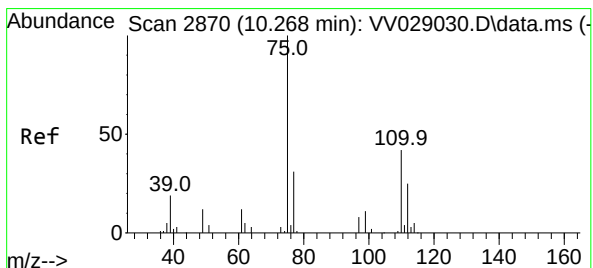
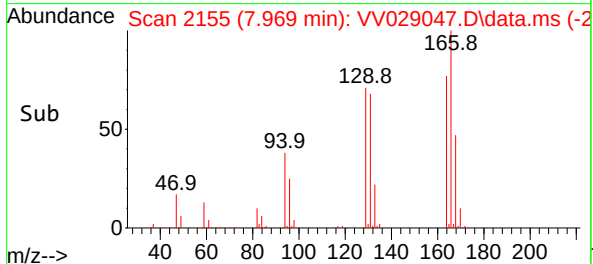
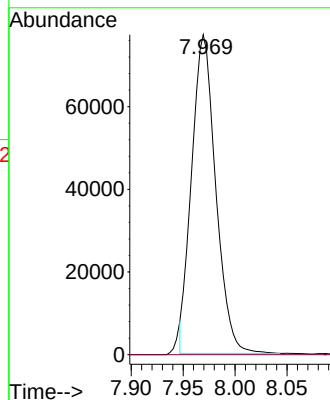
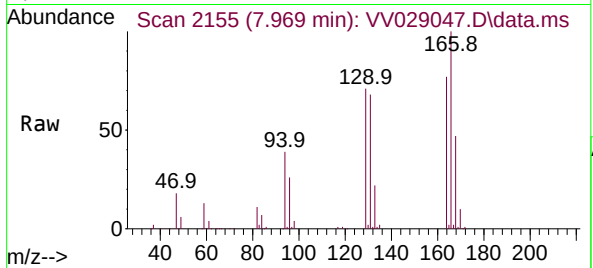




#49
Dibromochloromethane
Concen: 9.369 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.270 min
Lab File: VV029047.D
Acq: 17 Nov 2022 03:51

Instrument :
MSVOA_V
ClientSampleId :
H0AA9DL

Tgt Ion:129 Resp: 124165
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#



#61
1,2,3-Trichloropropane
Concen: 1.412 ug/L
RT: 11.243 min Scan# 3173
Delta R.T. 0.974 min
Lab File: VV029047.D
Acq: 17 Nov 2022 03:51

Tgt Ion: 75 Resp: 10740
Ion Ratio Lower Upper
75 100
77 33.4 26.2 39.2
110 1.5 32.6 48.8#

