

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025130.D
 Acq On : 23 Mar 2022 14:23
 Operator : SY/MD
 Sample : N2044-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY34

Quant Time: Mar 24 01:16:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

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

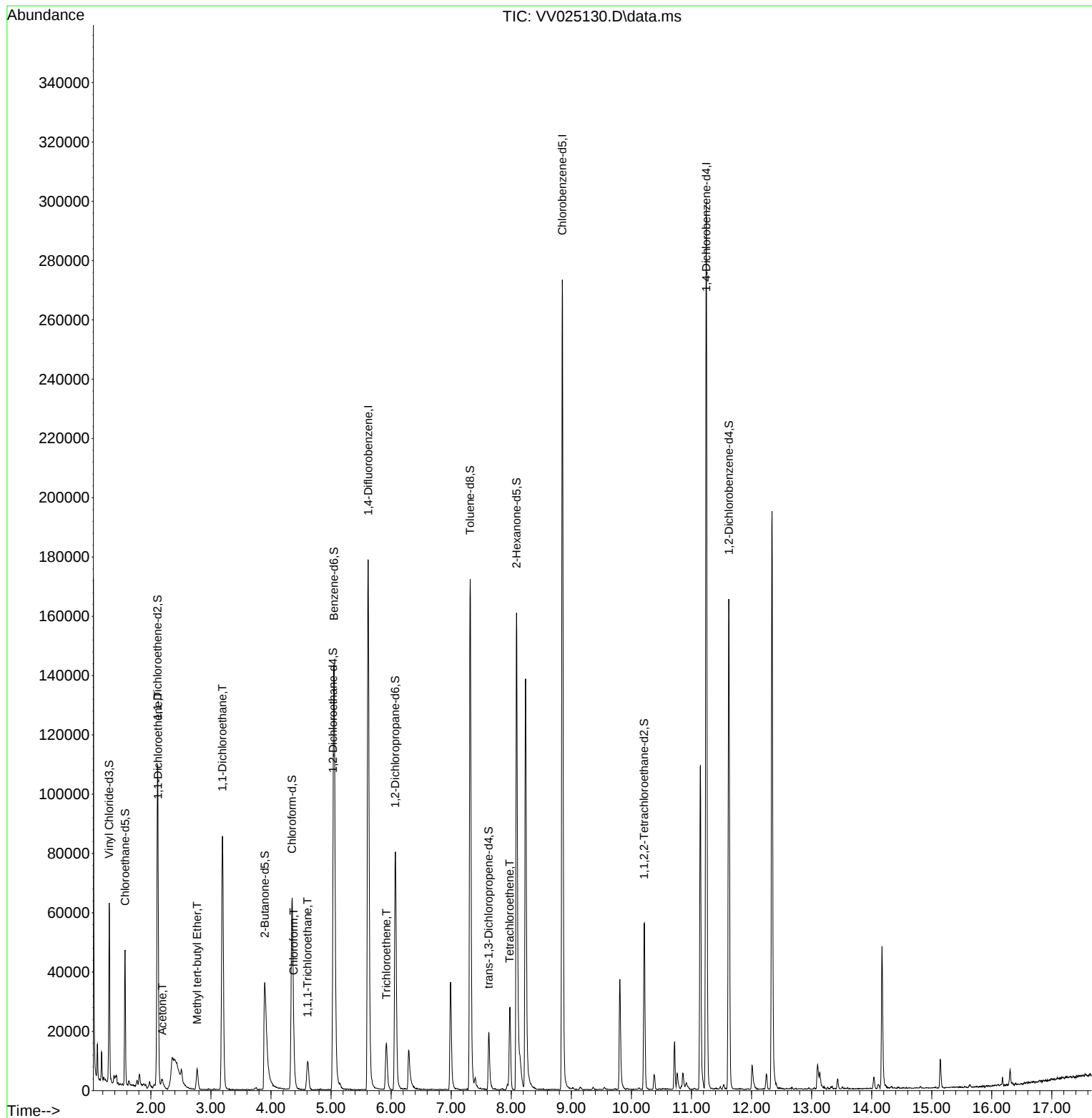
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	166069	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	155537	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	75315	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	34316	2.617	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.400%
7) Chloroethane-d5	1.571	69	29586	3.082	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.600%#
11) 1,1-Dichloroethene-d2	2.111	63	51165	2.415	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.200%#
20) 2-Butanone-d5	3.896	46	72820	45.958	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.920%
24) Chloroform-d	4.352	84	70910	3.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.200%#
26) 1,2-Dichloroethane-d4	5.034	65	31399	3.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.000%#
32) Benzene-d6	5.050	84	141572	3.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.800%#
36) 1,2-Dichloropropane-d6	6.069	67	43710	3.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	67.400%
41) Toluene-d8	7.317	98	121755	2.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.200%#
43) trans-1,3-Dichloroprop...	7.625	79	13337	2.949	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.000%
46) 2-Hexanone-d5	8.088	63	60351	39.119	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.240%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	28452	3.728	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	42999	3.372	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	67.400%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.121	96	10840	1.025	ug/L	# 24
13) Acetone	2.192	43	5574	5.260	ug/L	70
17) Methyl tert-butyl Ether	2.770	73	7663	0.333	ug/L	98
19) 1,1-Dichloroethane	3.191	63	87290	4.028	ug/L	98
25) Chloroform	4.378	83	4108	0.182	ug/L	85
29) 1,1,1-Trichloroethane	4.609	97	8319	0.419	ug/L	96
34) Trichloroethene	5.921	95	4963	0.368	ug/L	91
47) Tetrachloroethene	7.976	164	6707	0.708	ug/L	93

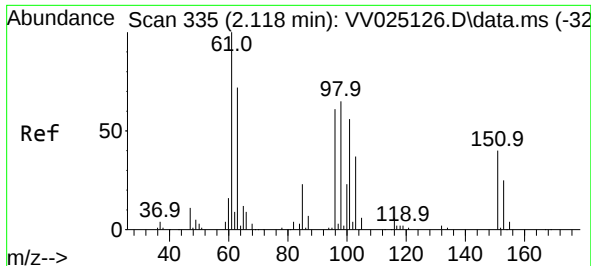
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 24 01:12:55 2022
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#12

1,1-Dichloroethene

Concen: 1.025 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV025130.D

Acq: 23 Mar 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :

BFY34

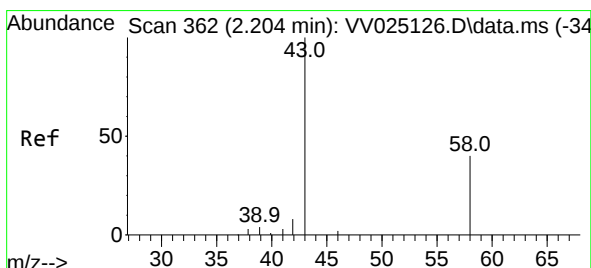
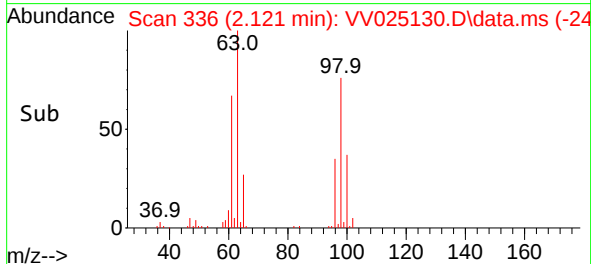
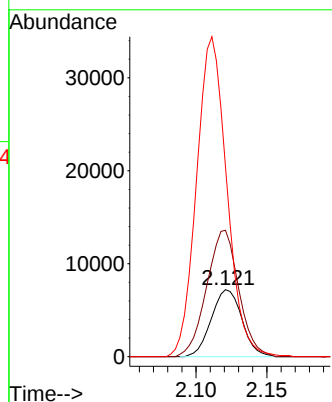
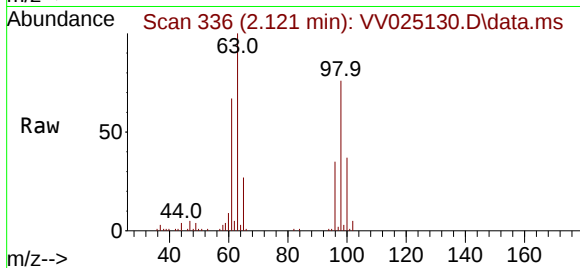
Tgt Ion: 96 Resp: 10840

Ion Ratio Lower Upper

96 100

61 188.5 113.0 209.9

63 283.4 82.1 152.5#



#13

Acetone

Concen: 5.260 ug/L

RT: 2.192 min Scan# 358

Delta R.T. -0.013 min

Lab File: VV025130.D

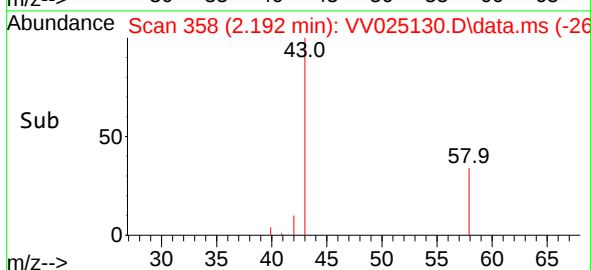
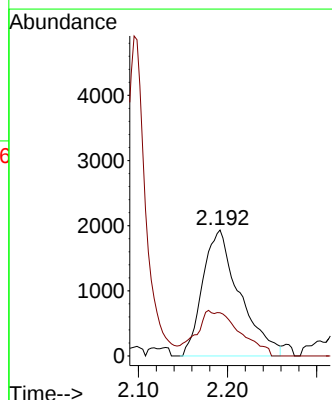
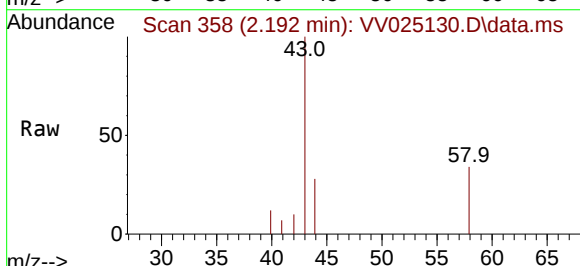
Acq: 23 Mar 2022 14:23

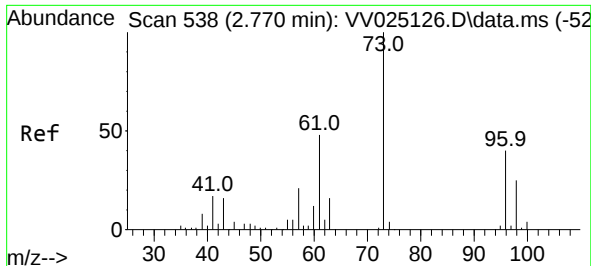
Tgt Ion: 43 Resp: 5574

Ion Ratio Lower Upper

43 100

58 11.8 0.0 54.2

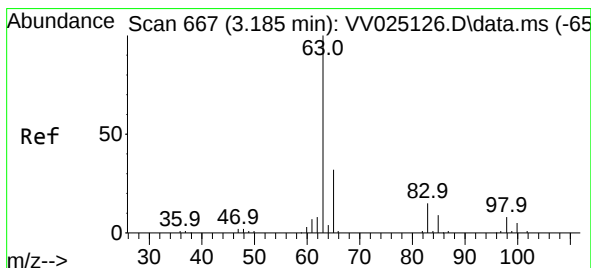
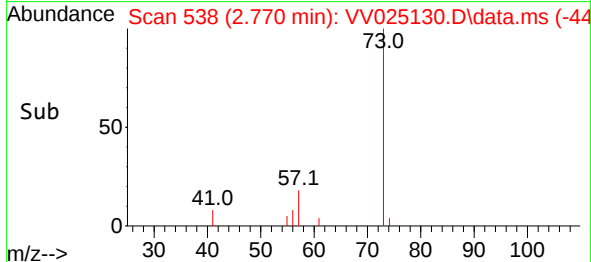
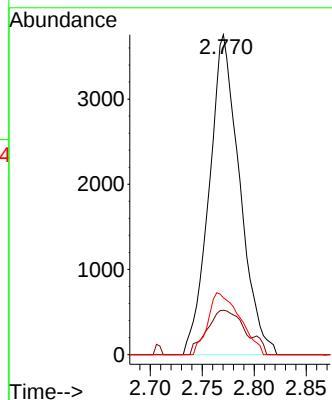
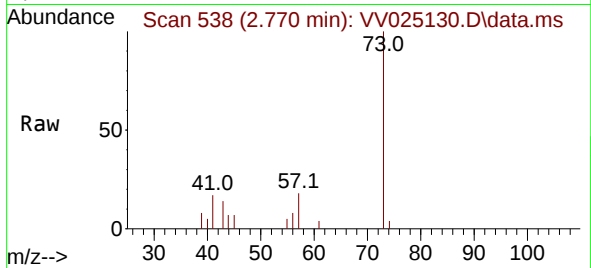




#17
Methyl tert-butyl Ether
Concen: 0.333 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV025130.D
Acq: 23 Mar 2022 14:23

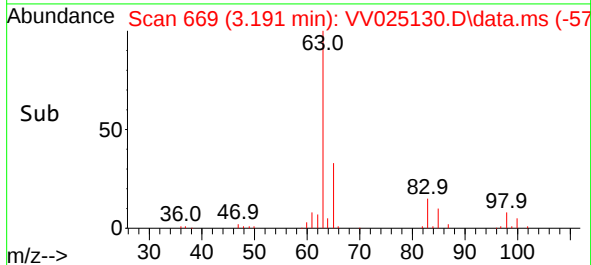
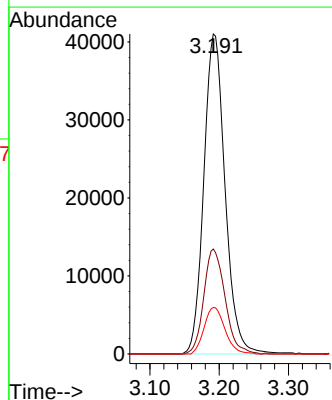
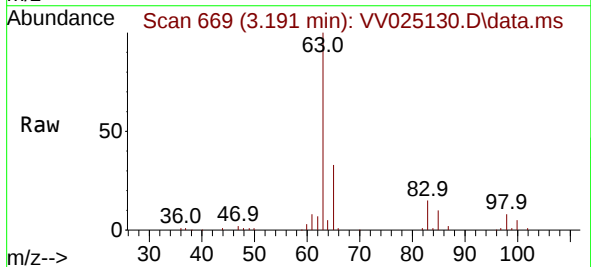
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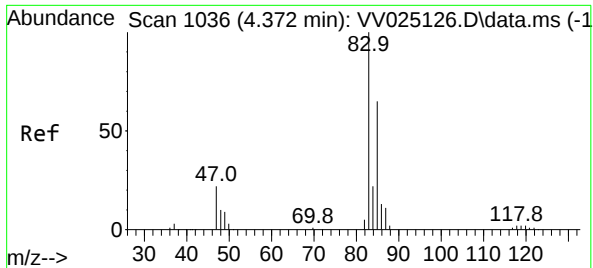
Tgt Ion:	73	Resp:	7663
Ion	Ratio	Lower	Upper
73	100		
43	17.7	13.2	19.8
57	20.4	16.7	25.1



#19
1,1-Dichloroethane
Concen: 4.028 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV025130.D
Acq: 23 Mar 2022 14:23

Tgt Ion:	63	Resp:	87290
Ion	Ratio	Lower	Upper
63	100		
65	32.8	22.2	41.2
83	14.5	9.4	17.4

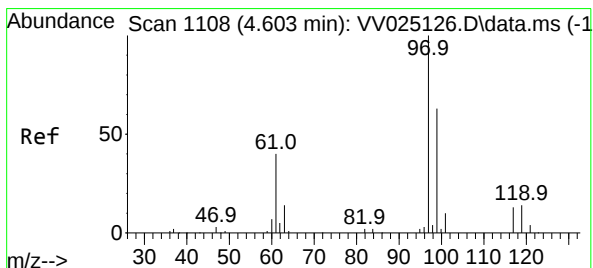
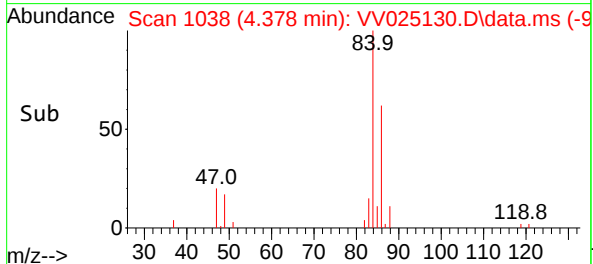
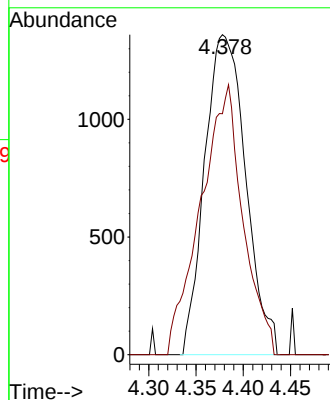
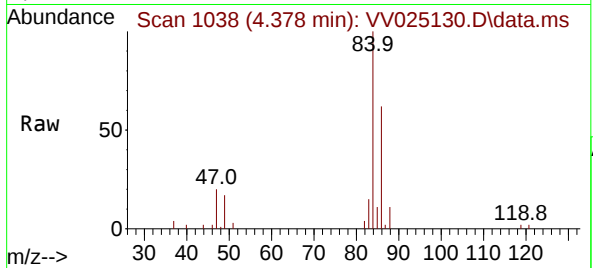




#25
Chloroform
Concen: 0.182 ug/L
RT: 4.378 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VV025130.D
Acq: 23 Mar 2022 14:23

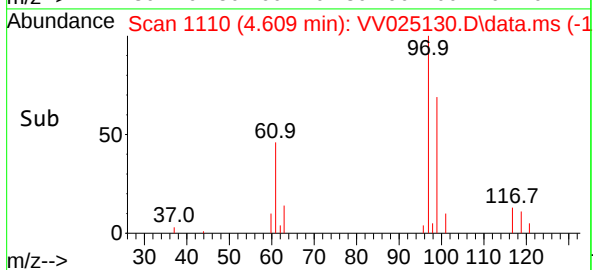
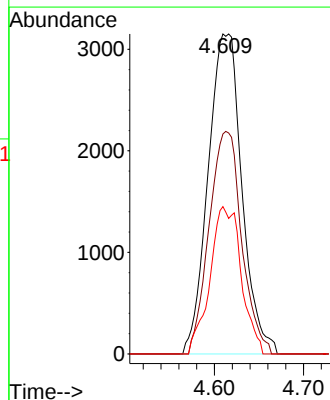
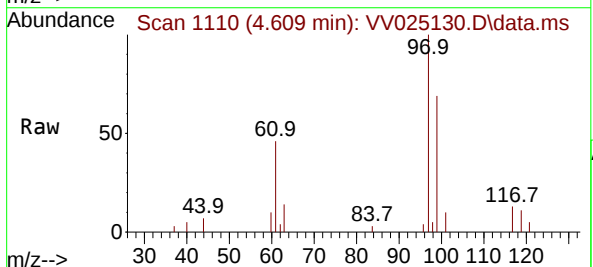
Instrument :
MSVOA_V
ClientSampleId :
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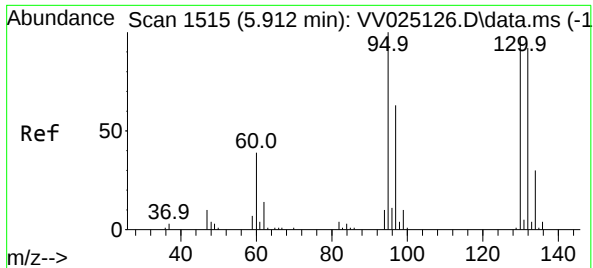
Tgt Ion: 83 Resp: 4108
Ion Ratio Lower Upper
83 100
85 75.3 44.5 82.7



#29
1,1,1-Trichloroethane
Concen: 0.419 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VV025130.D
Acq: 23 Mar 2022 14:23

Tgt Ion: 97 Resp: 8319
Ion Ratio Lower Upper
97 100
99 66.9 50.7 76.1
61 42.5 32.4 48.6



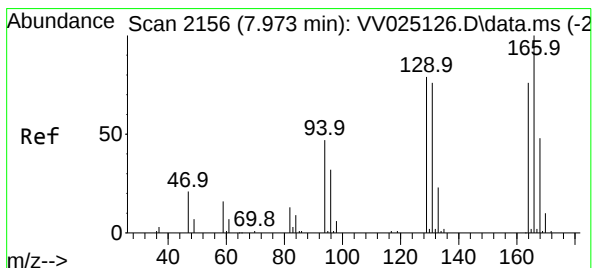
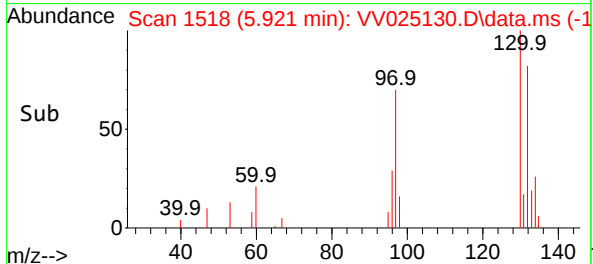
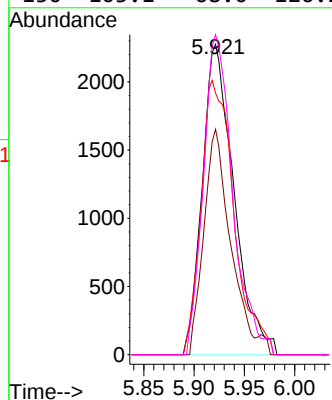
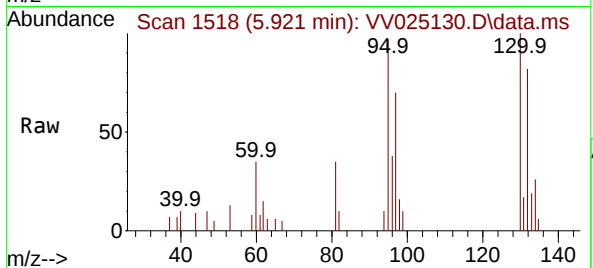


#34
 Trichloroethene
 Concen: 0.368 ug/L
 RT: 5.921 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: VV025130.D
 Acq: 23 Mar 2022 14:23

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY34

Tgt Ion: 95 Resp: 4963

Ion	Ratio	Lower	Upper
95	100		
97	72.7	44.5	82.7
132	84.3	66.5	123.5
130	103.1	68.0	126.2



#47
 Tetrachloroethene
 Concen: 0.708 ug/L
 RT: 7.976 min Scan# 2157
 Delta R.T. 0.003 min
 Lab File: VV025130.D
 Acq: 23 Mar 2022 14:23

Tgt Ion: 164 Resp: 6707

Ion	Ratio	Lower	Upper
164	100		
129	94.9	70.3	130.7
131	95.4	69.4	129.0
166	117.3	90.3	167.7

