

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040622\
 Data File : VW025366.D
 Acq On : 06 Apr 2022 16:12
 Operator : SY/MD
 Sample : N2261-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY41

Quant Time: Apr 07 01:27:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 07 01:24:47 2022
 Response via : Initial Calibration

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

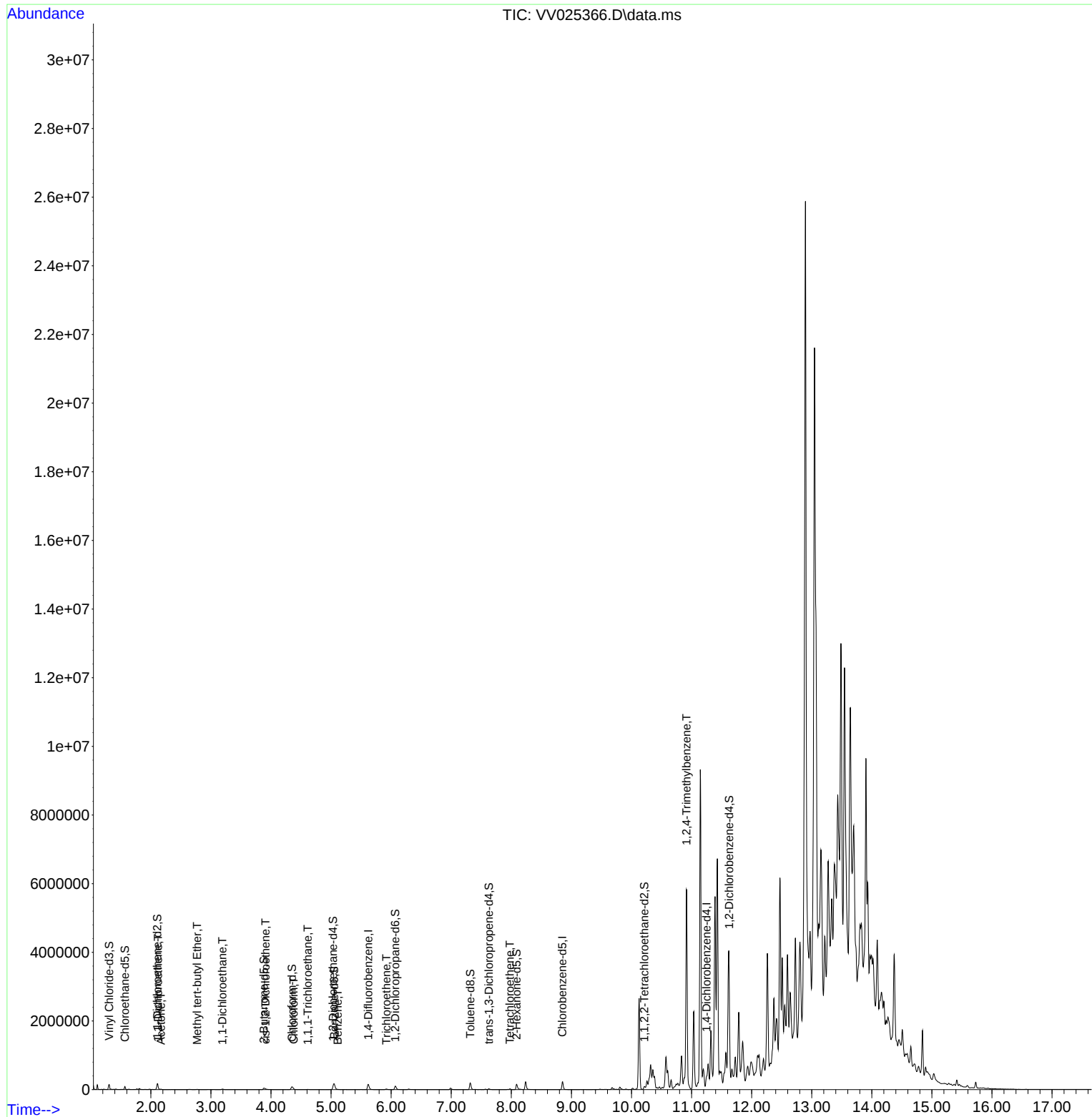
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	141344	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	131248	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64228	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	52323	3.963	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.200%	
7) Chloroethane-d5	1.568	69	52644	4.751	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.000%	
11) 1,1-Dichloroethene-d2	2.108	63	85719	2.997	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.000%	
20) 2-Butanone-d5	3.883	46	70377	53.513	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.020%	
24) Chloroform-d	4.349	84	87100	5.055	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
26) 1,2-Dichloroethane-d4	5.034	65	39897	5.239	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.800%	
32) Benzene-d6	5.050	84	162046	4.880	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
36) 1,2-Dichloropropane-d6	6.069	67	48952	5.260	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.200%	
41) Toluene-d8	7.317	98	134005	4.400	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
43) trans-1,3-Dichloroprop...	7.625	79	14511	4.780	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.600%	
46) 2-Hexanone-d5	8.088	63	55766	50.862	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.720%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35454	5.714	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	114.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	56493	5.476	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.600%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.121	96	8569	0.602	ug/L #	1
13) Acetone	2.169	43	12307	12.264	ug/L	81
17) Methyl tert-butyl Ether	2.770	73	5095	0.283	ug/L #	77
19) 1,1-Dichloroethane	3.191	63	16141	0.947	ug/L	99
22) cis-1,2-Dichloroethene	3.909	96	1433	0.138	ug/L	75
25) Chloroform	4.378	83	3945	0.209	ug/L	91
29) 1,1,1-Trichloroethane	4.613	97	4680	0.295	ug/L	97
33) Benzene	5.111	78	3855	0.100	ug/L	100
34) Trichloroethene	5.918	95	3111	0.294	ug/L	83
47) Tetrachloroethene	7.976	164	4806	0.617	ug/L	95
63) 1,2,4-Trimethylbenzene	10.915	105	4541	0.133	ug/L	89

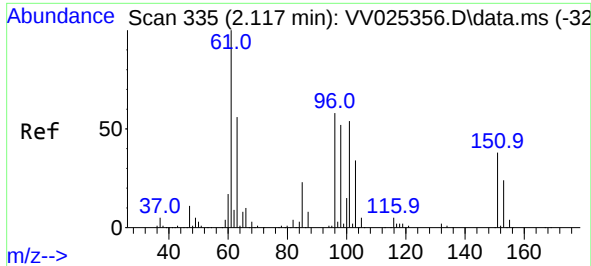
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 07 01:24:47 2022
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#12

1,1-Dichloroethene

Concen: 0.602 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV025366.D

Acq: 06 Apr 2022 16:12

Instrument :

MSVOA_V

ClientSampleId :

BFY41

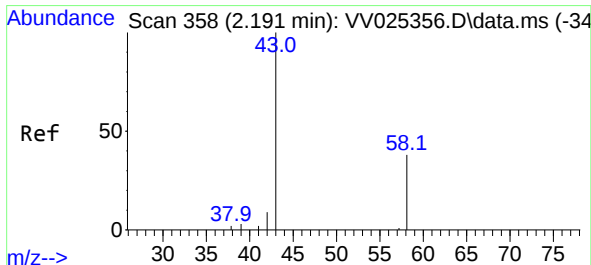
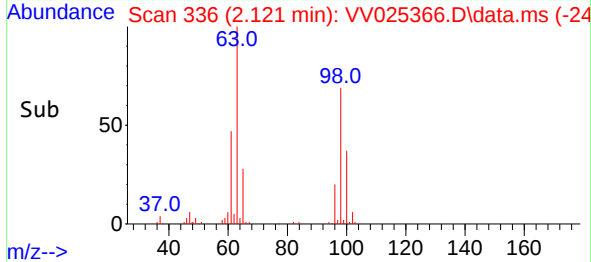
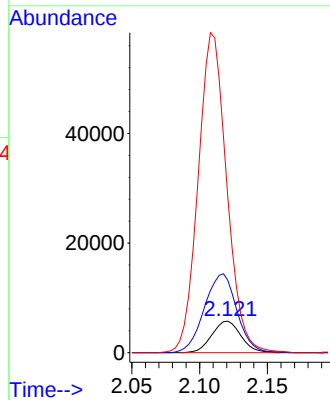
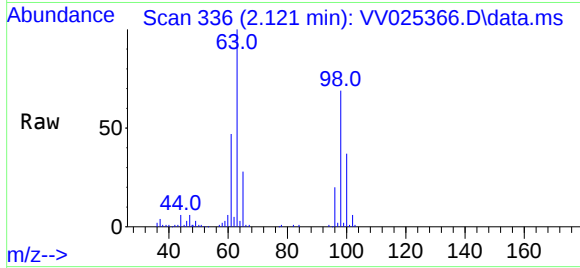
Tgt Ion: 96 Resp: 8569

Ion Ratio Lower Upper

96 100

61 228.7 121.5 225.7#

63 489.4 77.9 144.7#



#13

Acetone

Concen: 12.264 ug/L

RT: 2.169 min Scan# 351

Delta R.T. -0.022 min

Lab File: VV025366.D

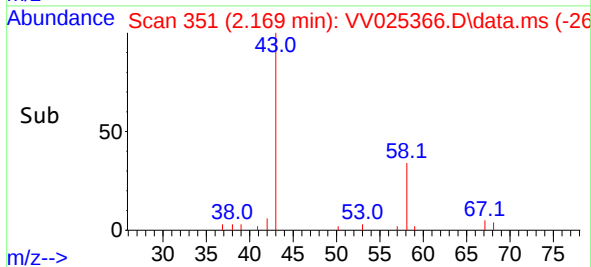
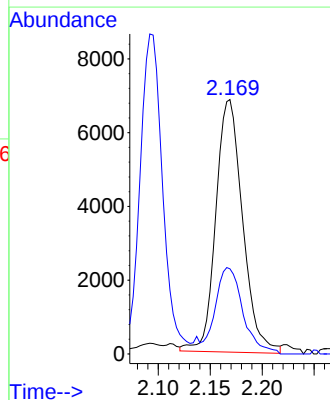
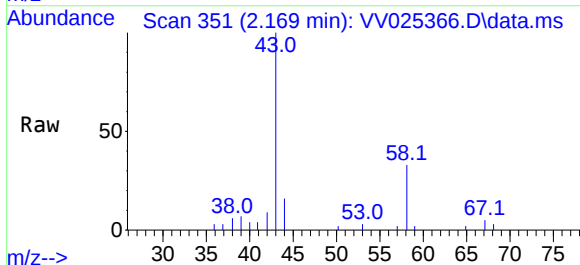
Acq: 06 Apr 2022 16:12

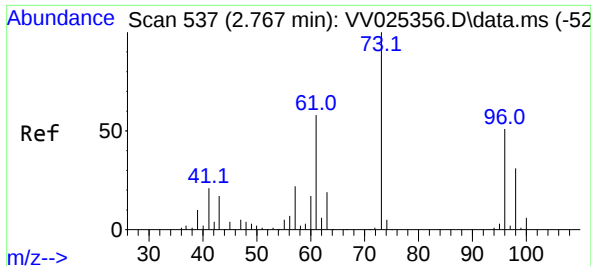
Tgt Ion: 43 Resp: 12307

Ion Ratio Lower Upper

43 100

58 35.2 0.0 51.2

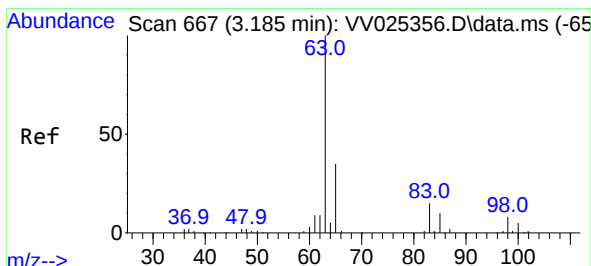
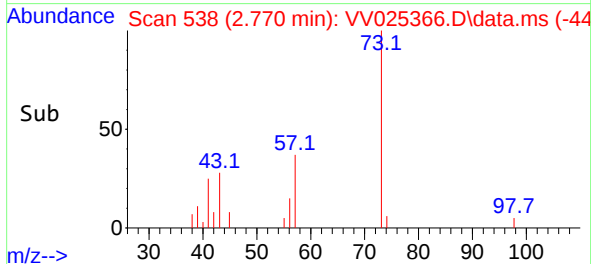
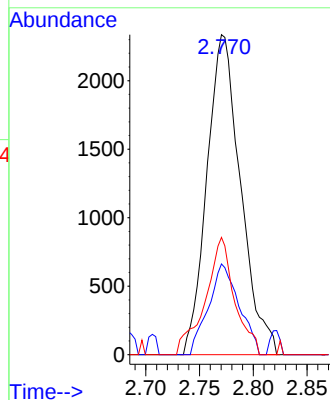
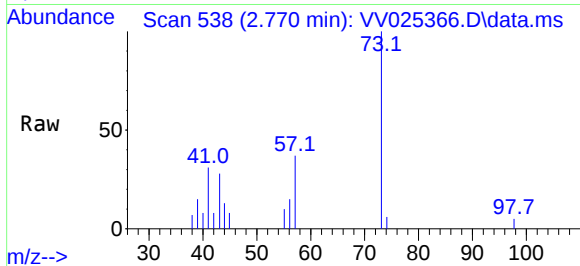




#17
Methyl tert-butyl Ether
Concen: 0.283 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025366.D
Acq: 06 Apr 2022 16:12

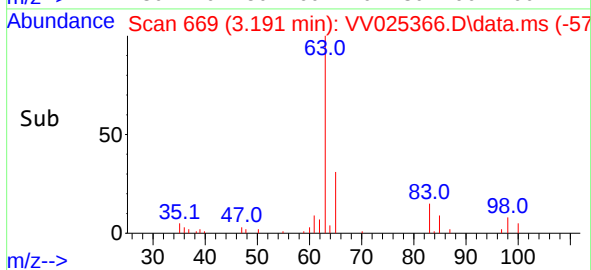
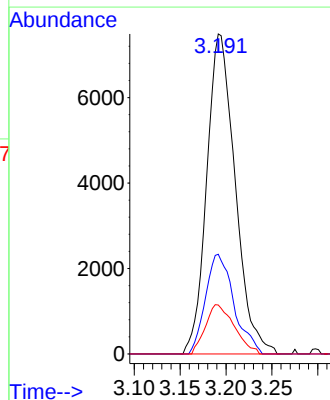
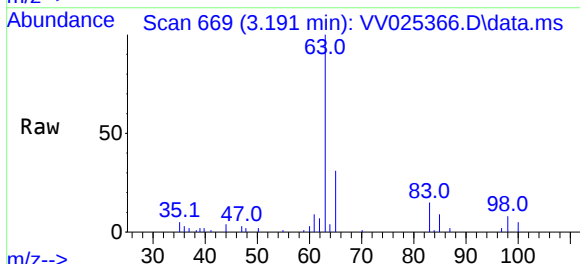
Instrument :
MSVOA_V
ClientSampleId :
BFY41

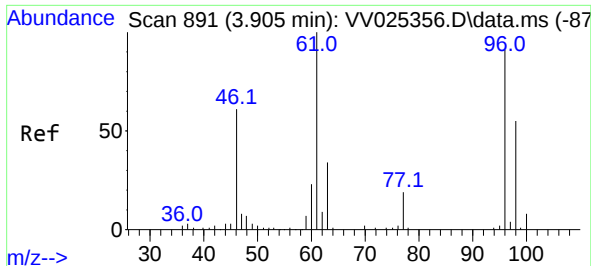
Tgt Ion: 73 Resp: 5095
Ion Ratio Lower Upper
73 100
43 25.8 13.5 20.3#
57 31.9 16.4 24.6#



#19
1,1-Dichloroethane
Concen: 0.947 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.007 min
Lab File: VV025366.D
Acq: 06 Apr 2022 16:12

Tgt Ion: 63 Resp: 16141
Ion Ratio Lower Upper
63 100
65 31.2 22.0 40.8
83 15.3 10.2 19.0

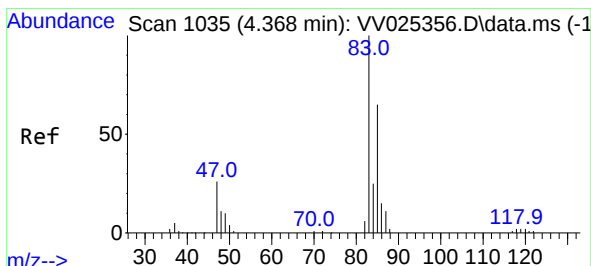
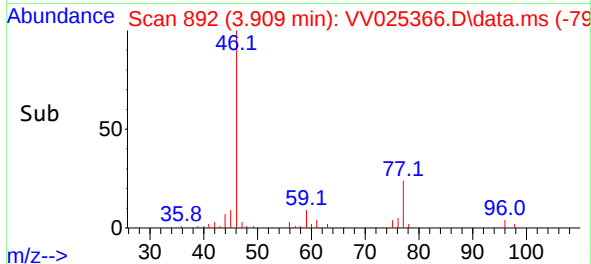
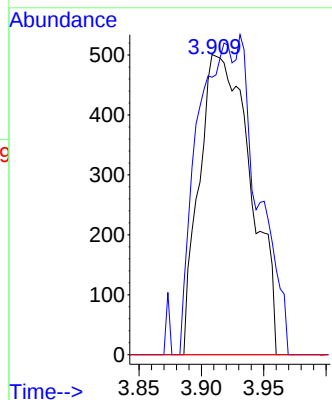
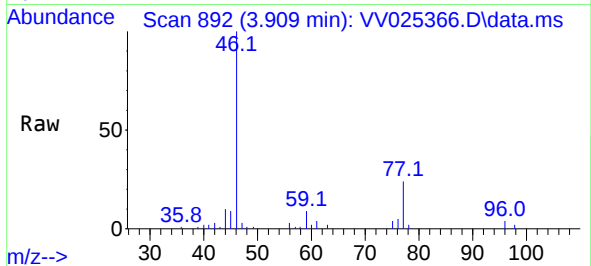




#22
 cis-1,2-Dichloroethene
 Concen: 0.138 ug/L
 RT: 3.909 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV025366.D
 Acq: 06 Apr 2022 16:12

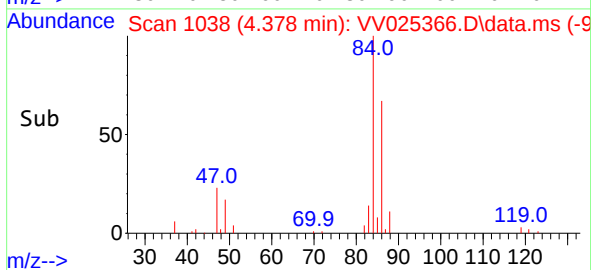
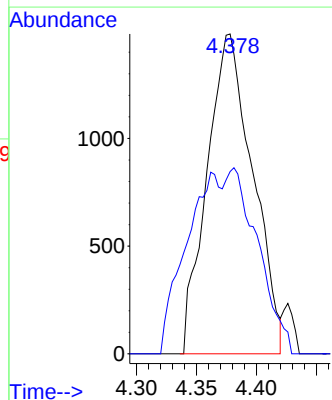
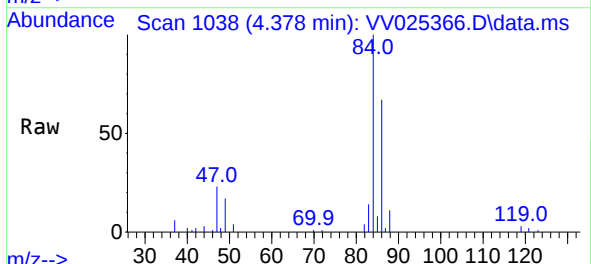
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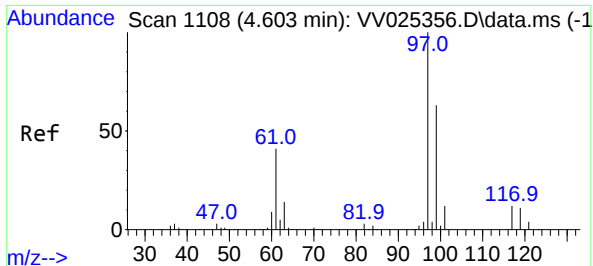
Tgt Ion: 96 Resp: 1433
 Ion Ratio Lower Upper
 96 100
 61 92.4 84.1 156.1
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.209 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.010 min
 Lab File: VV025366.D
 Acq: 06 Apr 2022 16:12

Tgt Ion: 83 Resp: 3945
 Ion Ratio Lower Upper
 83 100
 85 57.0 44.7 82.9

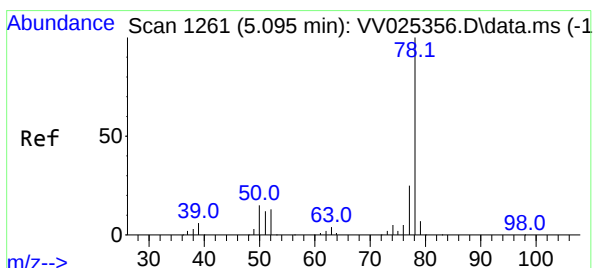
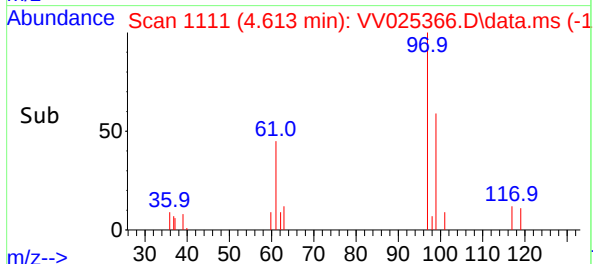
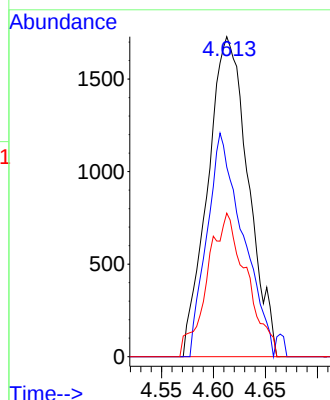
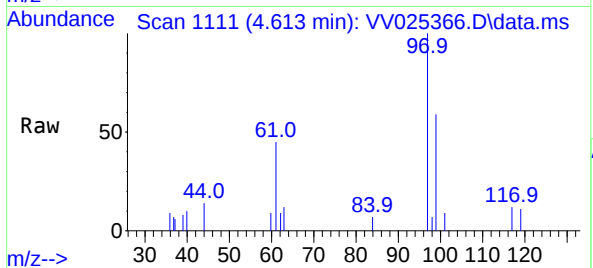




#29
1,1,1-Trichloroethane
Concen: 0.295 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.010 min
Lab File: VV025366.D
Acq: 06 Apr 2022 16:12

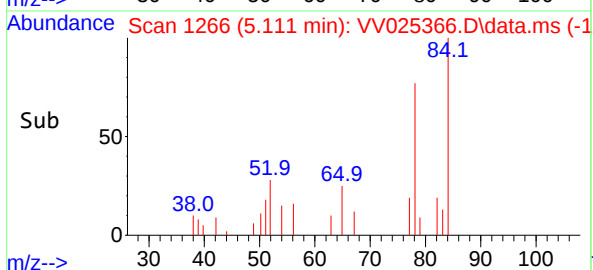
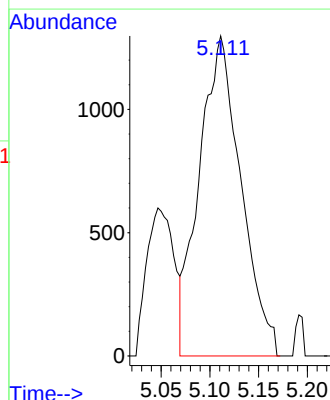
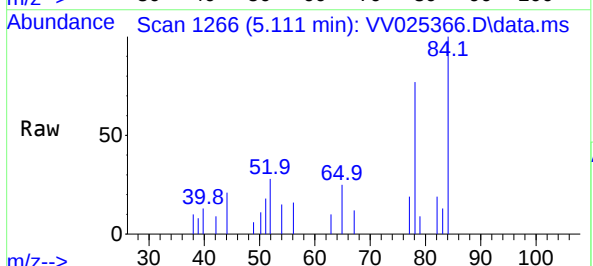
Instrument :
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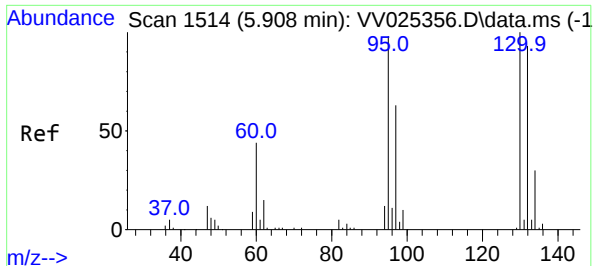
Tgt Ion: 97 Resp: 4680
Ion Ratio Lower Upper
97 100
99 62.1 51.9 77.9
61 43.7 34.2 51.2



#33
Benzene
Concen: 0.100 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.016 min
Lab File: VV025366.D
Acq: 06 Apr 2022 16:12

Tgt Ion: 78 Resp: 3855



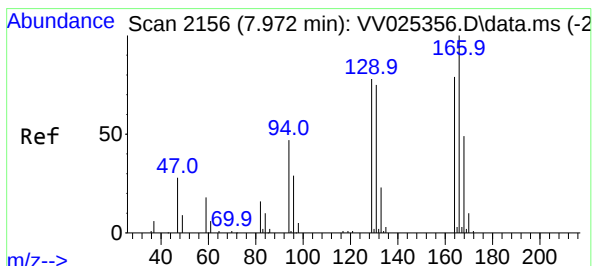
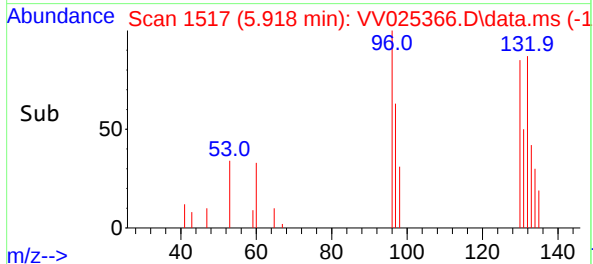
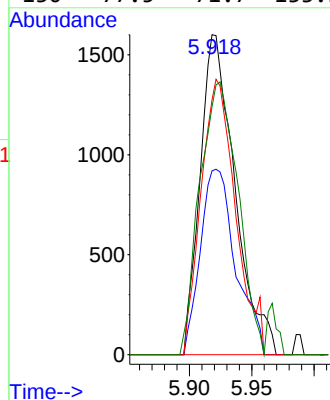
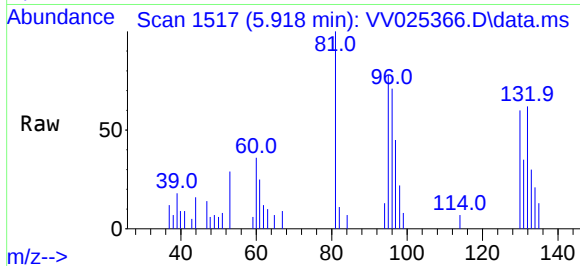


#34
Trichloroethene
Concen: 0.294 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV025366.D
Acq: 06 Apr 2022 16:12

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 95 Resp: 3111

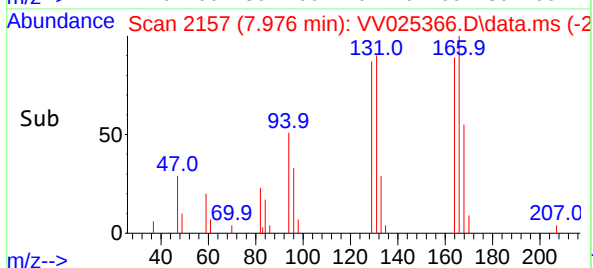
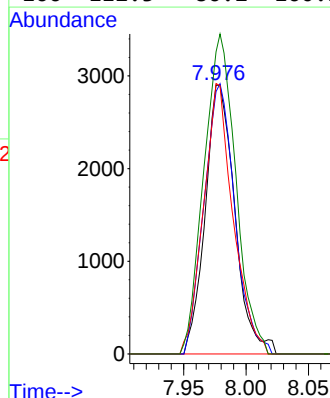
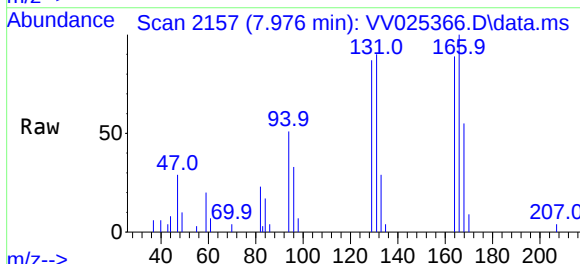
Ion	Ratio	Lower	Upper
95	100		
97	57.5	46.3	85.9
132	79.6	65.2	121.2
130	77.5	71.7	133.1

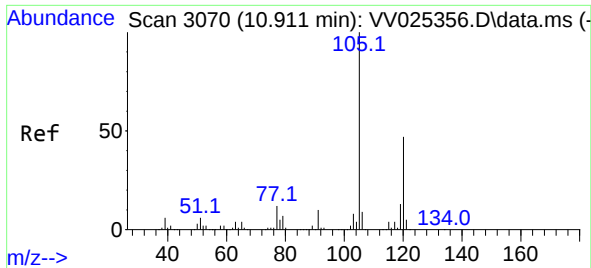


#47
Tetrachloroethene
Concen: 0.617 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025366.D
Acq: 06 Apr 2022 16:12

Tgt Ion: 164 Resp: 4806

Ion	Ratio	Lower	Upper
164	100		
129	97.6	67.5	125.4
131	100.5	68.0	126.4
166	112.3	86.2	160.2





#63

1,2,4-Trimethylbenzene

Concen: 0.133 ug/L

RT: 10.915 min Scan# 30

Delta R.T. 0.003 min

Lab File: VV025366.D

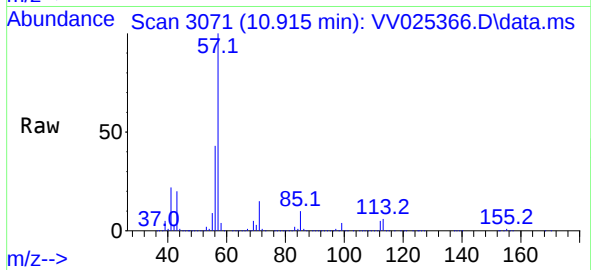
Acq: 06 Apr 2022 16:12

Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion:105 Resp: 4541

Ion Ratio Lower Upper

105 100

120 38.2 36.5 54.7

