

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025137.D
 Acq On : 23 Mar 2022 17:06
 Operator : SY/MD
 Sample : N2083-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

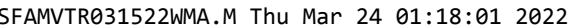
Quant Time: Mar 24 01:17:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

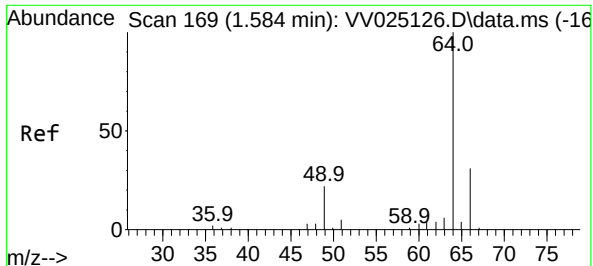
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	127546	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	123069	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54312	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40800	4.052	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.000%	
7) Chloroethane-d5	1.571	69	36064	4.891	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.800%	
11) 1,1-Dichloroethene-d2	2.111	63	55920	3.436	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.800%	
20) 2-Butanone-d5	3.899	46	88809	72.977	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	145.960%#	
24) Chloroform-d	4.349	84	86837	5.200	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.000%	
26) 1,2-Dichloroethane-d4	5.034	65	38027	5.446	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.000%	
32) Benzene-d6	5.050	84	168197	4.711	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
36) 1,2-Dichloropropane-d6	6.069	67	51889	5.054	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.000%	
41) Toluene-d8	7.317	98	142031	4.365	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
43) trans-1,3-Dichloroprop...	7.625	79	15780	4.409	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.200%	
46) 2-Hexanone-d5	8.088	63	72379	59.292	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	118.580%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36311	6.012	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	120.200%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	49878	5.425	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.400%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.609	64	17867	2.628	ug/L #	54
12) 1,1-Dichloroethene	2.121	96	4412	0.543	ug/L #	1
15) Methyl Acetate	2.191	43	1299	0.583	ug/L #	44
17) Methyl tert-butyl Ether	2.777	73	3382	0.191	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	1774	0.181	ug/L	98
19) 1,1-Dichloroethane	3.195	63	63452	3.813	ug/L	97
22) cis-1,2-Dichloroethene	3.918	96	16603	1.682	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	317543	20.233	ug/L	99
31) Carbon tetrachloride	4.612	117	40907	3.038	ug/L	99
34) Trichloroethene	5.921	95	8358	0.784	ug/L	96
35) Methylcyclohexane	6.069	83	12675	0.751	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	5468	0.594	ug/L #	86
61) 1,2,3-Trichloropropane	11.246	75	6850	1.500	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.252	75	229	0.292	ug/L #	1

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

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QLast Update : Thu Mar 24 01:12:55 2022
Response via : Initial Calibration

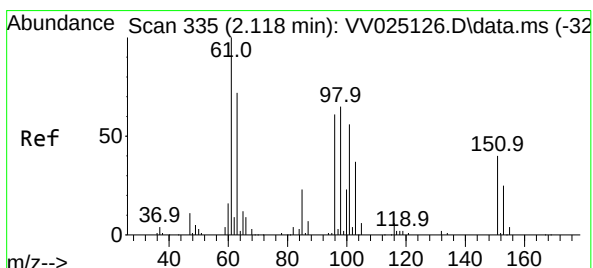
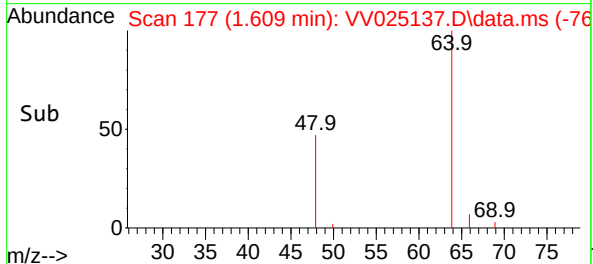
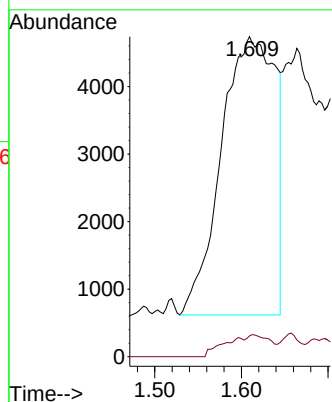
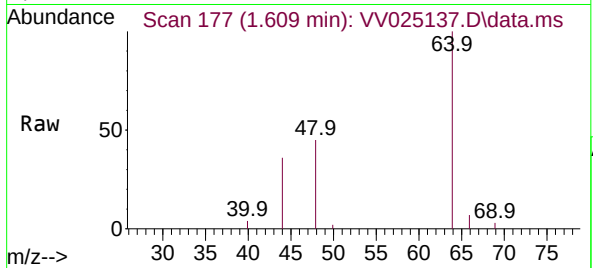




#8
Chloroethane
Concen: 2.628 ug/L
RT: 1.609 min Scan# 11
Delta R.T. 0.025 min
Lab File: VV025137.D
Acq: 23 Mar 2022 17:06

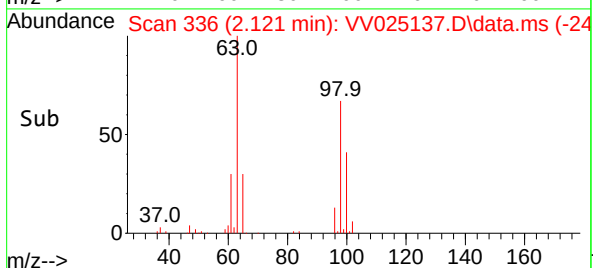
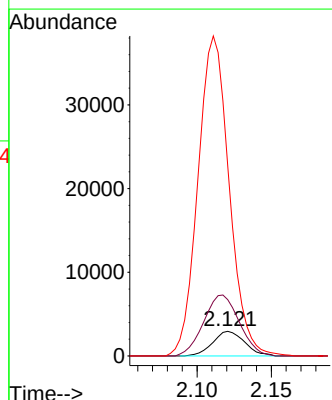
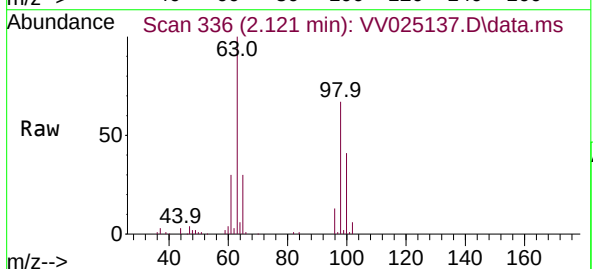
Instrument :
MSVOA_V
ClientSampleId :

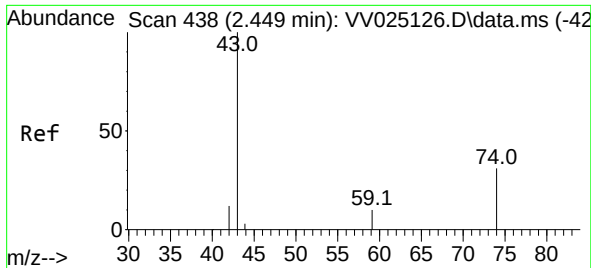
Tgt Ion: 64 Resp: 17867
Ion Ratio Lower Upper
64 100
66 6.5 22.5 41.7#



#12
1,1-Dichloroethene
Concen: 0.543 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV025137.D
Acq: 23 Mar 2022 17:06

Tgt Ion: 96 Resp: 4412
Ion Ratio Lower Upper
96 100
61 228.4 113.0 209.9#
63 770.7 82.1 152.5#

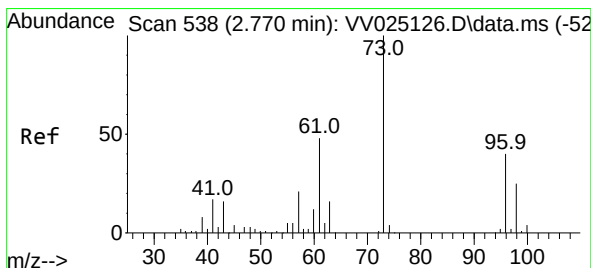
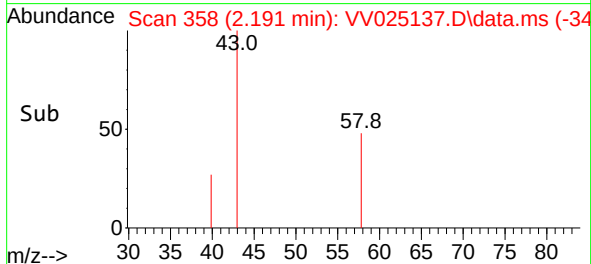
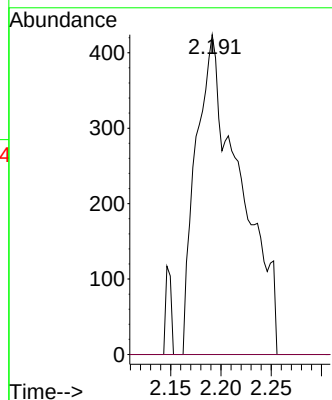
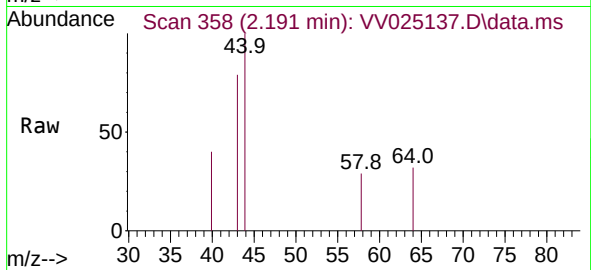




#15
Methyl Acetate
Concen: 0.583 ug/L
RT: 2.191 min Scan# 31
Delta R.T. -0.257 min
Lab File: VV025137.D
Acq: 23 Mar 2022 17:06

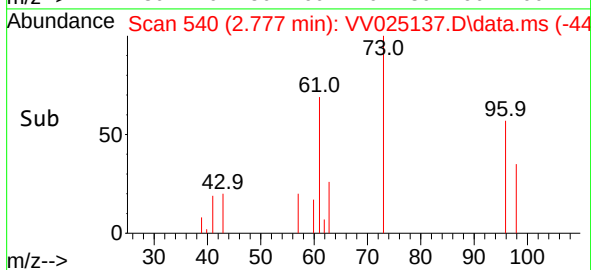
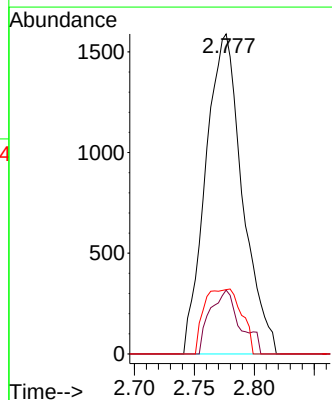
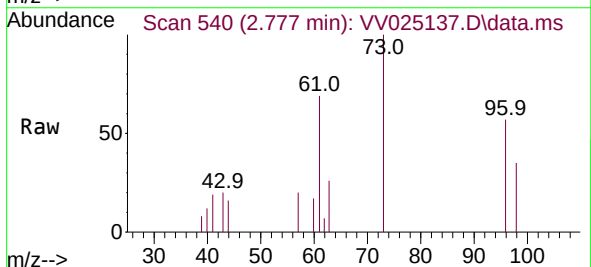
Instrument :
MSVOA_V
ClientSampleId :

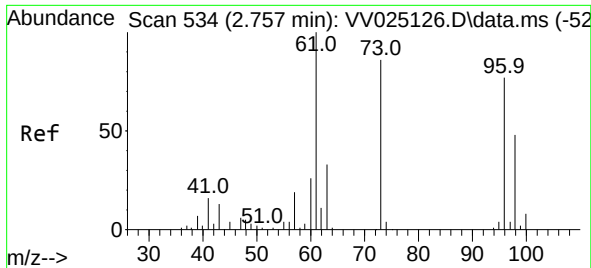
Tgt Ion: 43 Resp: 1299
Ion Ratio Lower Upper
43 100
74 0.0 24.2 36.4#



#17
Methyl tert-butyl Ether
Concen: 0.191 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.006 min
Lab File: VV025137.D
Acq: 23 Mar 2022 17:06

Tgt Ion: 73 Resp: 3382
Ion Ratio Lower Upper
73 100
43 16.2 13.2 19.8
57 20.4 16.7 25.1

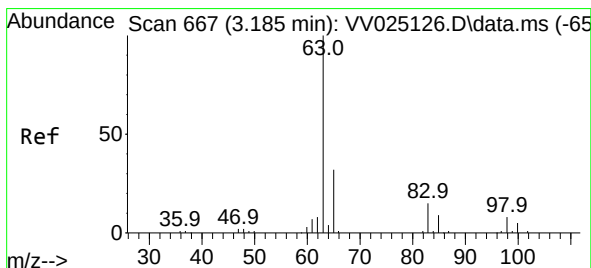
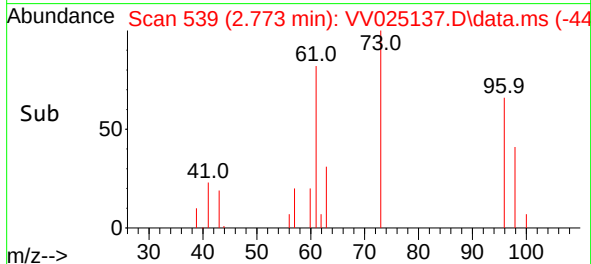
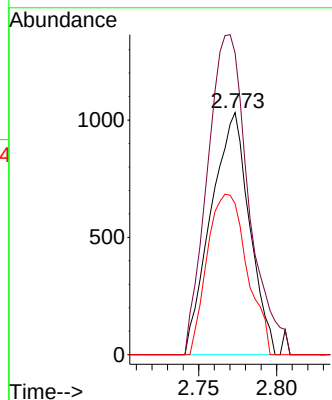
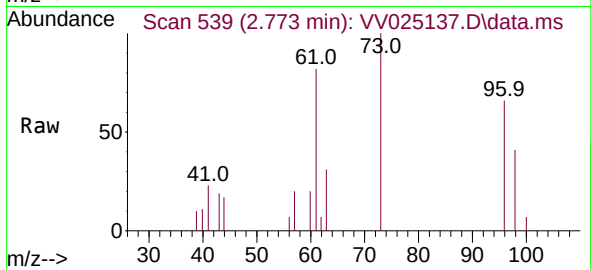




#18
trans-1,2-Dichloroethene
Concen: 0.181 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.016 min
Lab File: VV025137.D
Acq: 23 Mar 2022 17:06

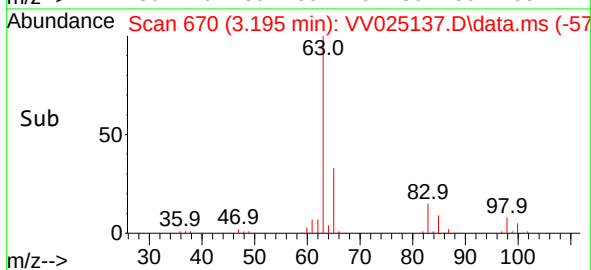
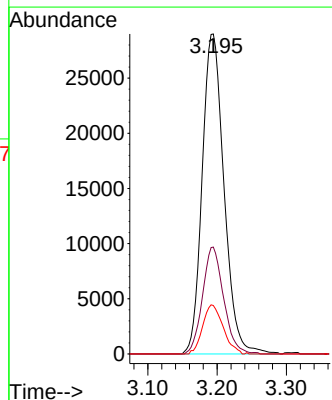
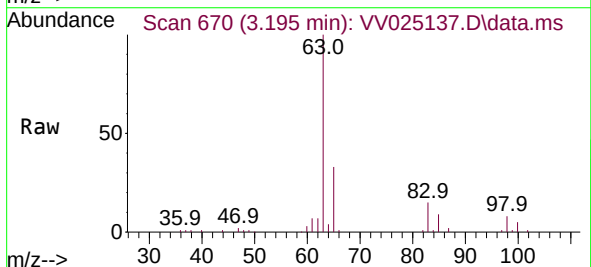
Instrument :
MSVOA_V
ClientSampleId :

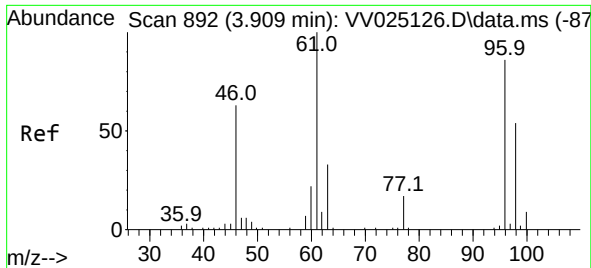
Tgt Ion: 96 Resp: 1774
Ion Ratio Lower Upper
96 100
61 124.6 89.2 165.6
98 62.3 43.9 81.5



#19
1,1-Dichloroethane
Concen: 3.813 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.009 min
Lab File: VV025137.D
Acq: 23 Mar 2022 17:06

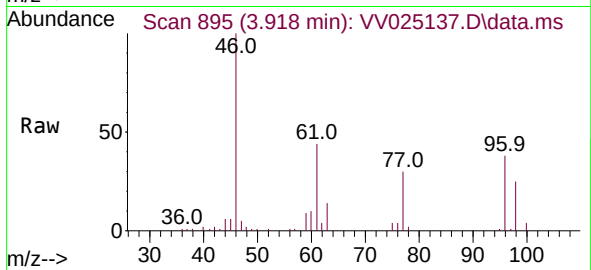
Tgt Ion: 63 Resp: 63452
Ion Ratio Lower Upper
63 100
65 33.4 22.2 41.2
83 15.1 9.4 17.4



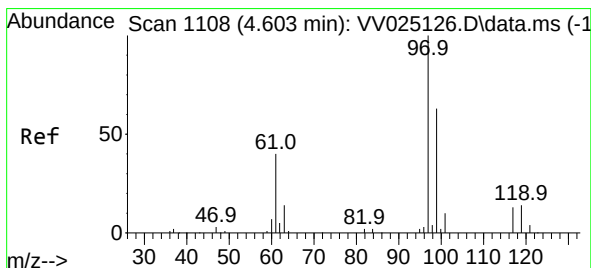
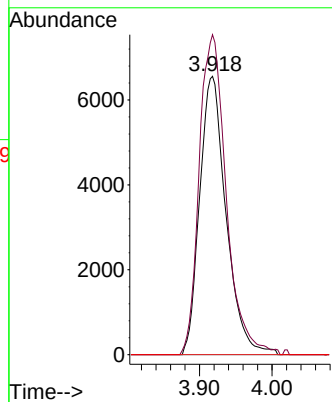
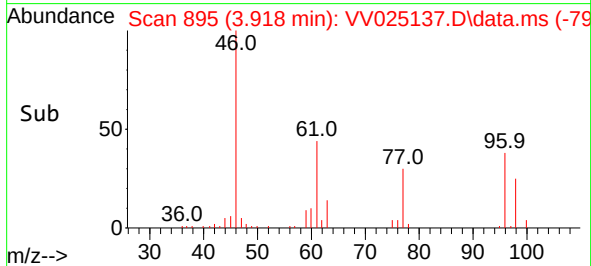


#22
 cis-1,2-Dichloroethene
 Concen: 1.682 ug/L
 RT: 3.918 min Scan# 89
 Delta R.T. 0.009 min
 Lab File: VV025137.D
 Acq: 23 Mar 2022 17:06

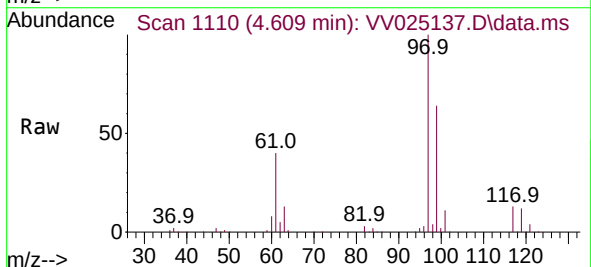
Instrument :
 MSVOA_V
 ClientSampleId :



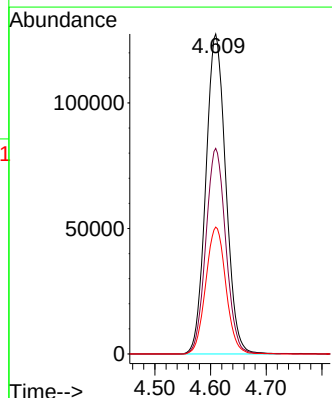
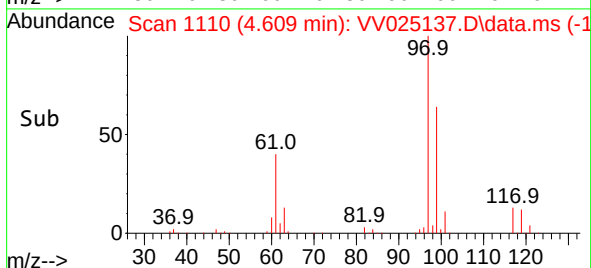
Tgt Ion: 96 Resp: 16603
 Ion Ratio Lower Upper
 96 100
 61 114.9 79.7 147.9
 68 0.0 0.0 0.0

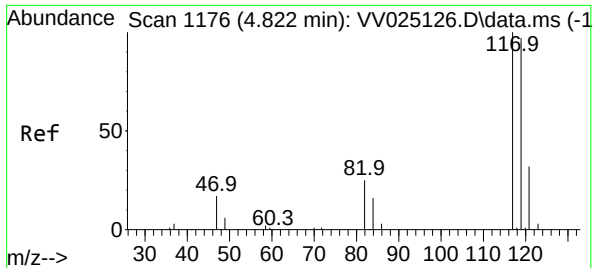


#29
 1,1,1-Trichloroethane
 Concen: 20.233 ug/L
 RT: 4.609 min Scan# 1110
 Delta R.T. 0.006 min
 Lab File: VV025137.D
 Acq: 23 Mar 2022 17:06



Tgt Ion: 97 Resp: 317543
 Ion Ratio Lower Upper
 97 100
 99 64.3 50.7 76.1
 61 40.0 32.4 48.6

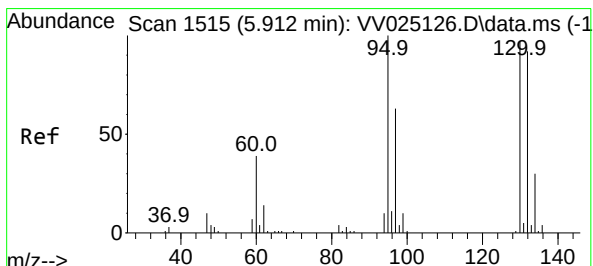
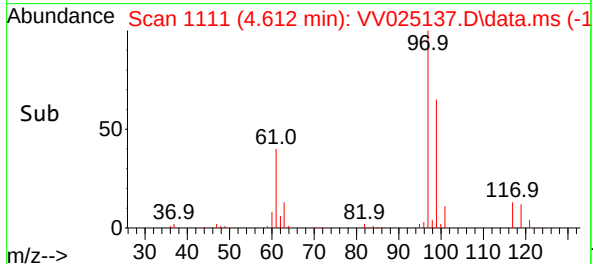
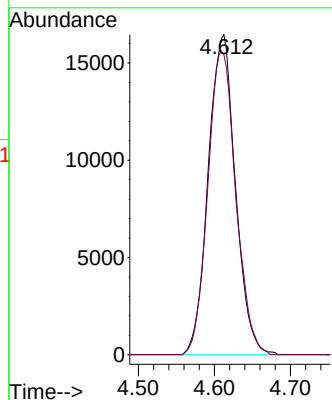
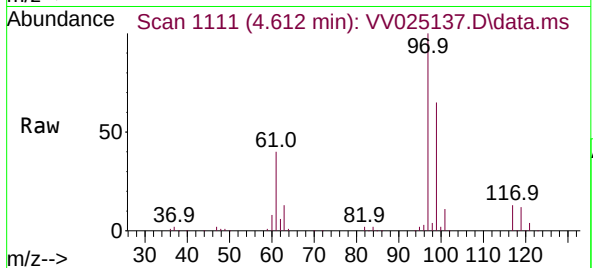




#31
Carbon tetrachloride
Concen: 3.038 ug/L
RT: 4.612 min Scan# 1176
Delta R.T. -0.209 min
Lab File: VV025137.D
Acq: 23 Mar 2022 17:06

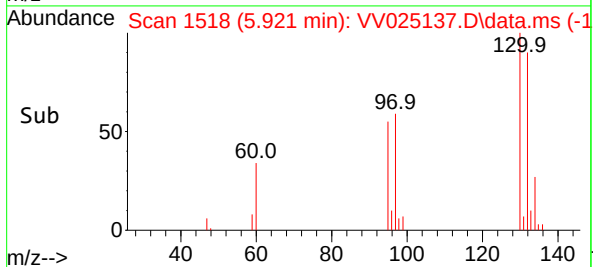
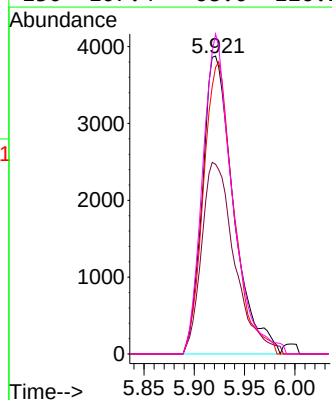
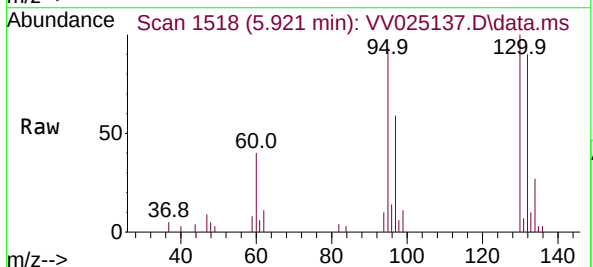
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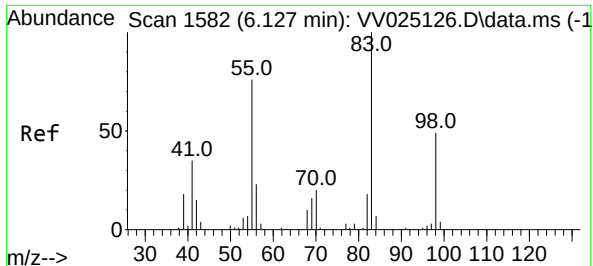
Tgt Ion:117 Resp: 40907
Ion Ratio Lower Upper
117 100
119 97.4 76.8 115.2



#34
Trichloroethene
Concen: 0.784 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.009 min
Lab File: VV025137.D
Acq: 23 Mar 2022 17:06

Tgt Ion: 95 Resp: 8358
Ion Ratio Lower Upper
95 100
97 63.7 44.5 82.7
132 96.2 66.5 123.5
130 107.4 68.0 126.2





#35

Methylcyclohexane

Concen: 0.751 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025137.D

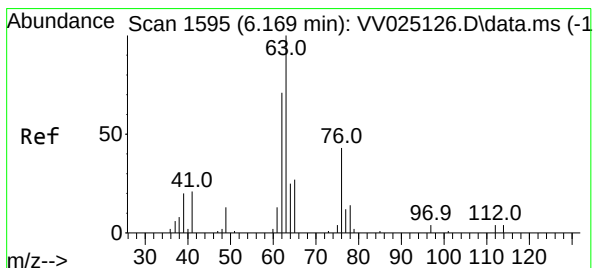
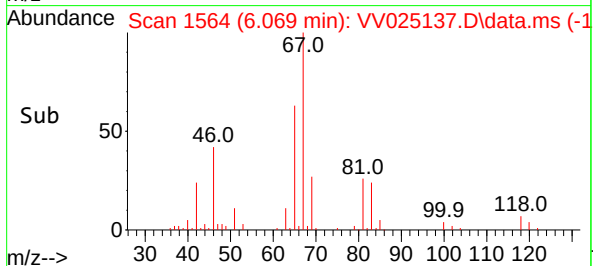
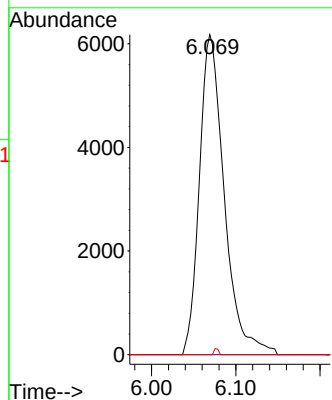
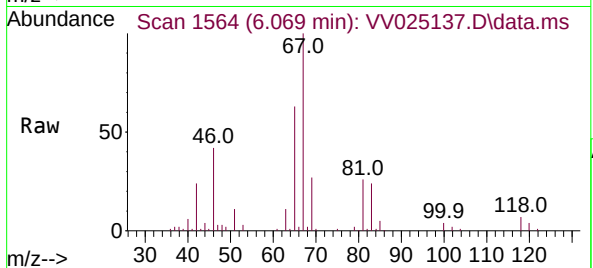
Acq: 23 Mar 2022 17:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 12675
Ion Ratio	Lower Upper
83 100	
55 0.0	55.4 83.0#
98 0.3	38.4 57.6#



#37

1,2-Dichloropropane

Concen: 0.594 ug/L

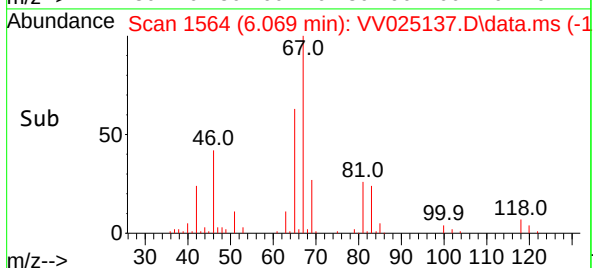
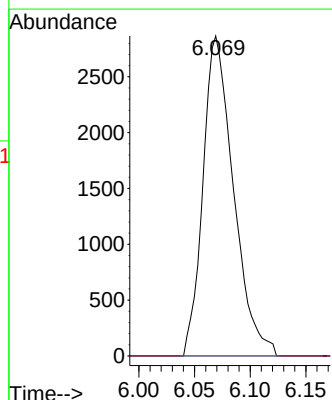
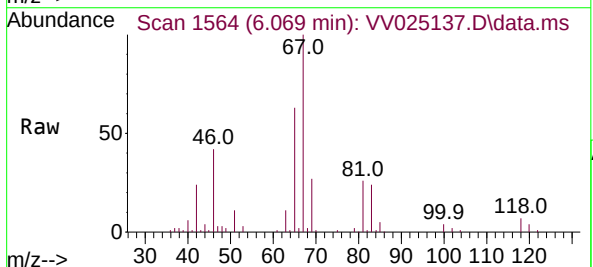
RT: 6.069 min Scan# 1564

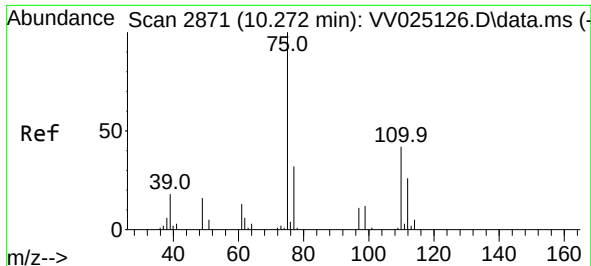
Delta R.T. -0.100 min

Lab File: VV025137.D

Acq: 23 Mar 2022 17:06

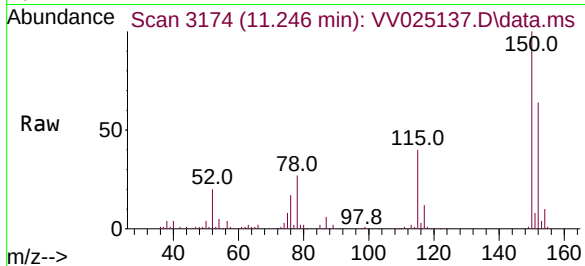
Tgt Ion: 63	Resp: 5468
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.6#



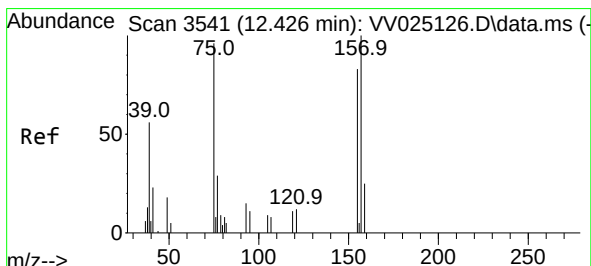
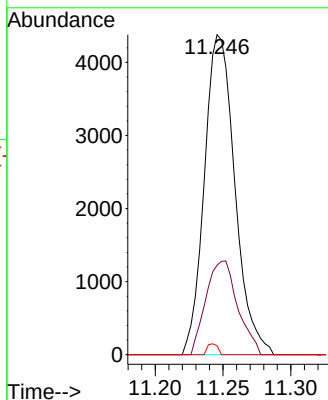
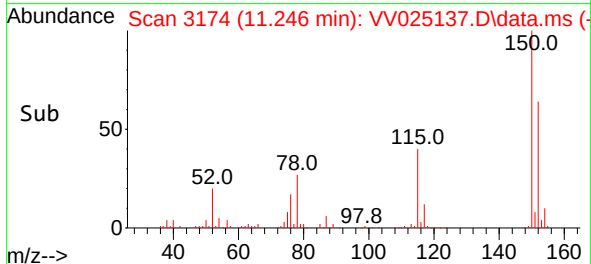


#61
1,2,3-Trichloropropane
Concen: 1.500 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025137.D
Acq: 23 Mar 2022 17:06

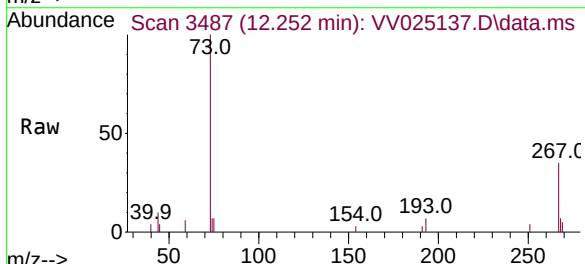
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 6850
Ion Ratio Lower Upper
75 100
77 30.5 25.7 38.5
110 1.2 31.2 46.8#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.292 ug/L
RT: 12.252 min Scan# 3487
Delta R.T. -0.174 min
Lab File: VV025137.D
Acq: 23 Mar 2022 17:06



Tgt Ion: 75 Resp: 229
Ion Ratio Lower Upper
75 100
155 0.0 65.9 98.9#
157 0.0 89.7 134.5#

