

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025208.D
 Acq On : 26 Mar 2022 19:09
 Operator : SY/MD
 Sample : N2097-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD1

Quant Time: Mar 28 02:03:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:44:37 2022
 Response via : Initial Calibration

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

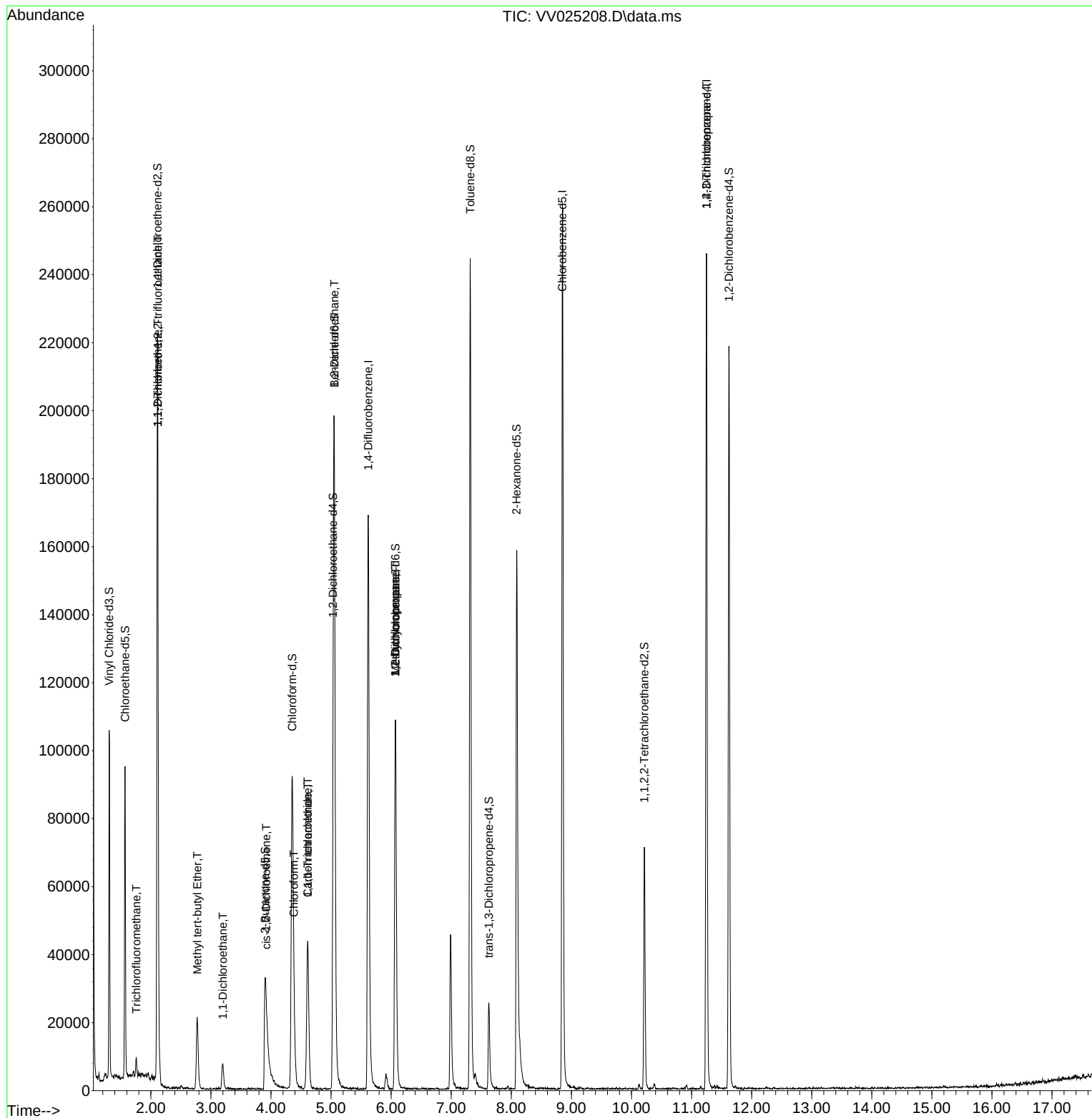
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	153742	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	144130	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62342	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63879	4.448	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.571	69	57132	4.740	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.111	63	102357	3.290	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	3.902	46	65260	45.620	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.240%
24) Chloroform-d	4.352	84	91688	4.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.034	65	42611	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.053	84	188868	5.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	6.072	67	53386	5.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.317	98	165373	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	7.625	79	16231	4.869	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.088	63	57777	47.987	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.980%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33498	4.916	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	53902	5.383	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.757	101	3298	0.121	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	10190	0.627	ug/L	97
12) 1,1-Dichloroethene	2.117	96	3972	0.257	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	21520	1.099	ug/L	98
19) 1,1-Dichloroethane	3.198	63	7906	0.426	ug/L	96
22) cis-1,2-Dichloroethene	3.918	96	540	0.048	ug/L	83
25) Chloroform	4.381	83	18119	0.881	ug/L	92
27) 1,2-Dichloroethane	5.053	62	993	0.093	ug/L #	73
29) 1,1,1-Trichloroethane	4.612	97	35380	2.030	ug/L	99
31) Carbon tetrachloride	4.609	117	4601	0.305	ug/L	92
35) Methylcyclohexane	6.072	83	13834	0.761	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	6140	0.626	ug/L #	84
61) 1,2,3-Trichloropropane	11.249	75	7553	1.601	ug/L #	65

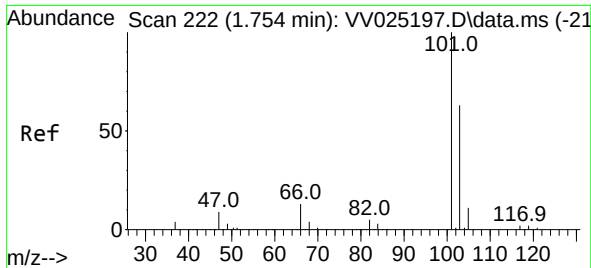
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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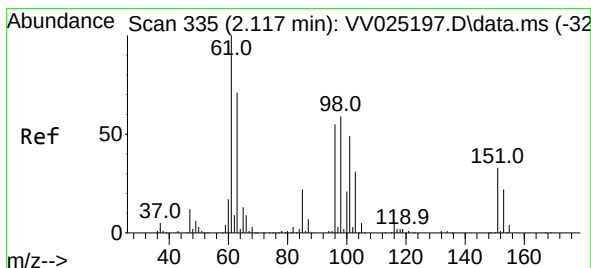
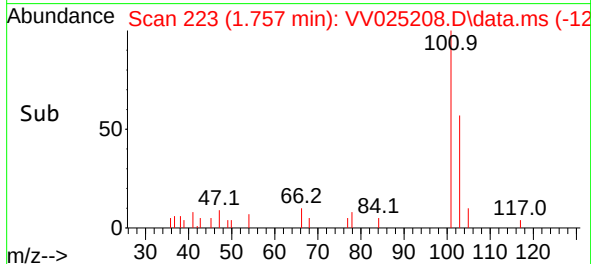
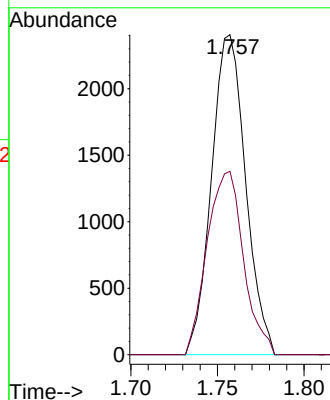
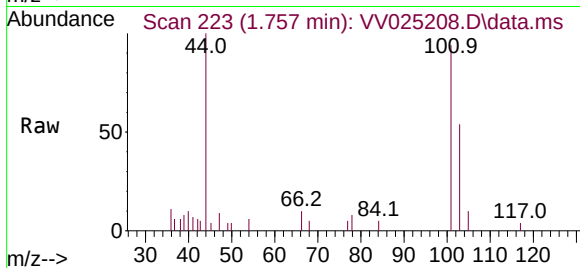




#9
 Trichlorofluoromethane
 Concen: 0.121 ug/L
 RT: 1.757 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV025208.D
 Acq: 26 Mar 2022 19:09

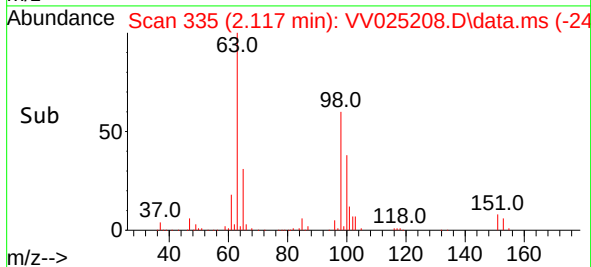
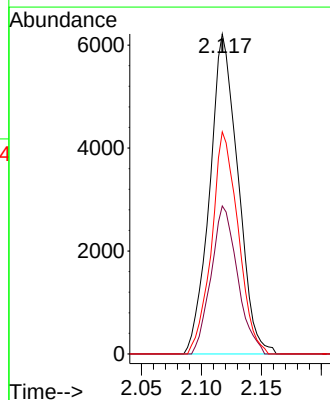
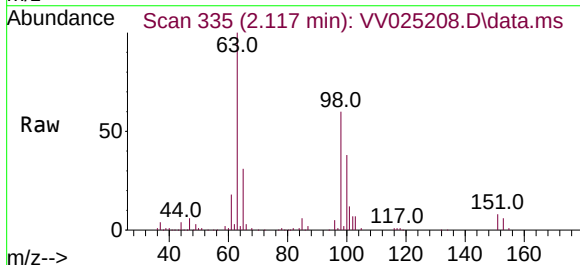
Instrument :
 MSVOA_V
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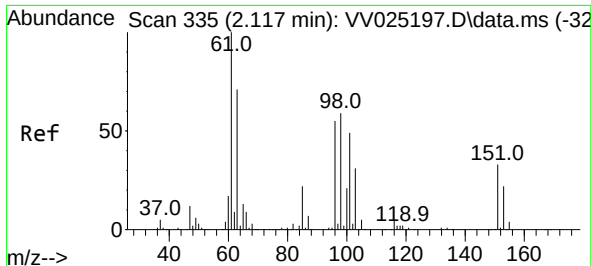
Tgt Ion:101 Resp: 3298
 Ion Ratio Lower Upper
 101 100
 103 61.1 52.2 78.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.627 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV025208.D
 Acq: 26 Mar 2022 19:09

Tgt Ion:101 Resp: 10190
 Ion Ratio Lower Upper
 101 100
 85 43.1 36.0 54.0
 151 65.1 54.6 81.8

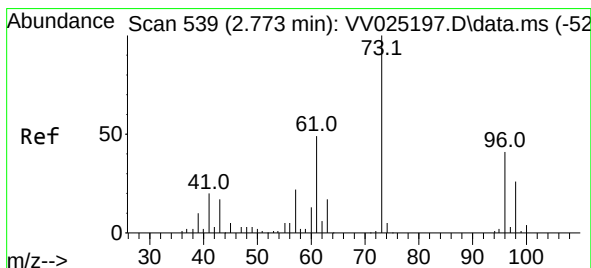
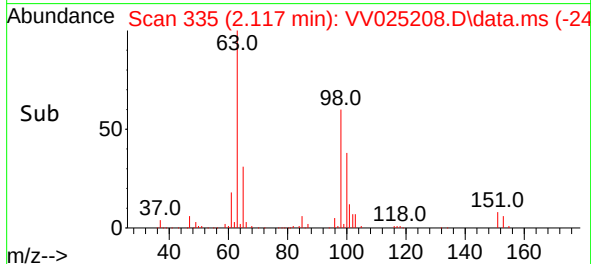
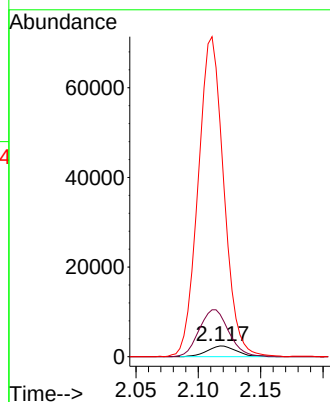
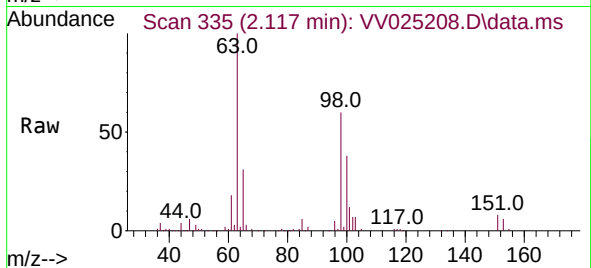




#12
1,1-Dichloroethene
Concen: 0.257 ug/L
RT: 2.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV025208.D
Acq: 26 Mar 2022 19:09

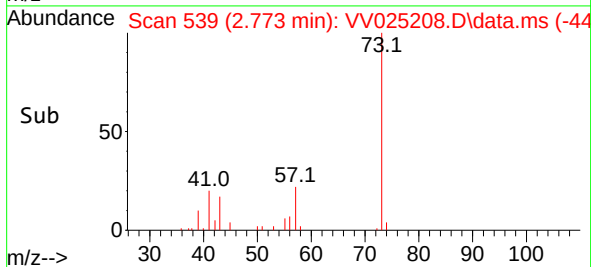
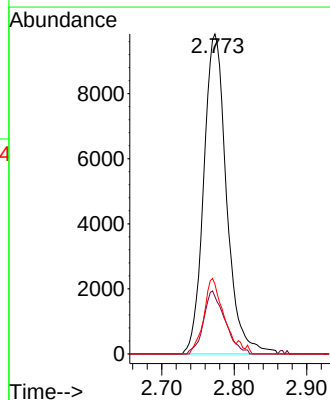
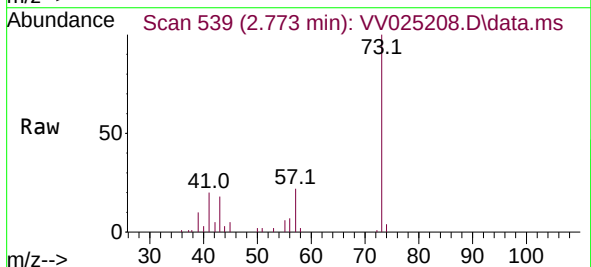
Instrument :
MSVOA_V
ClientSampleId :
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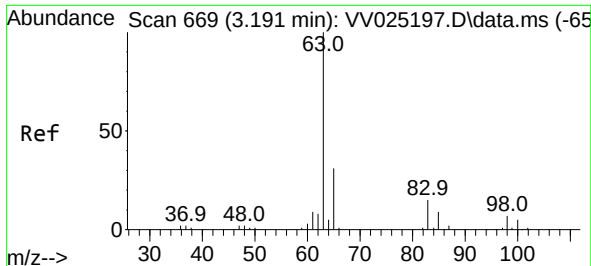
Tgt Ion: 96 Resp: 3972
Ion Ratio Lower Upper
96 100
61 398.5 121.5 225.7#
63 2188.5 77.9 144.7#



#17
Methyl tert-butyl Ether
Concen: 1.099 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: VV025208.D
Acq: 26 Mar 2022 19:09

Tgt Ion: 73 Resp: 21520
Ion Ratio Lower Upper
73 100
43 18.4 13.5 20.3
57 21.3 16.4 24.6

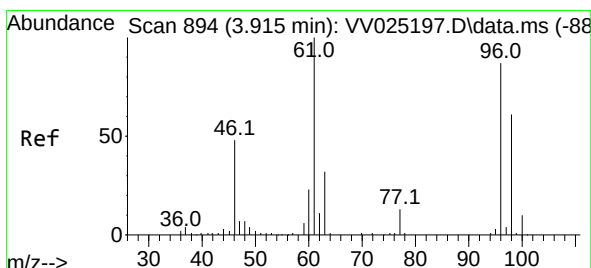
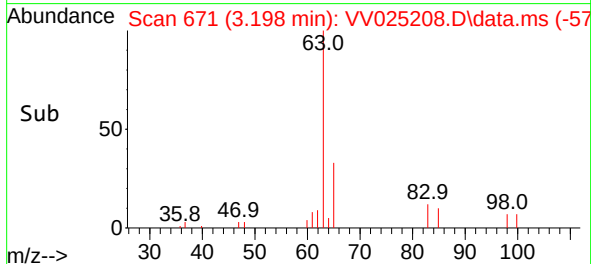
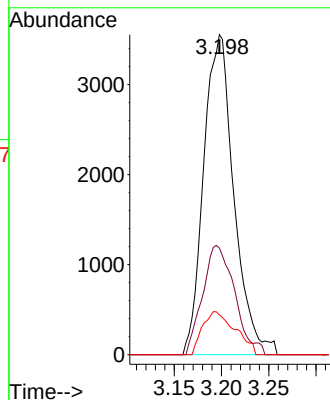
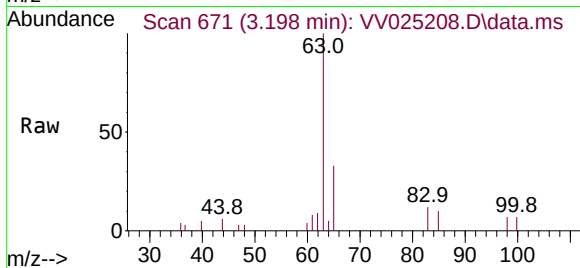




#19
1,1-Dichloroethane
Concen: 0.426 ug/L
RT: 3.198 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV025208.D
Acq: 26 Mar 2022 19:09

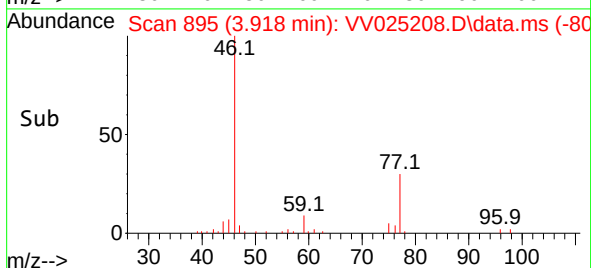
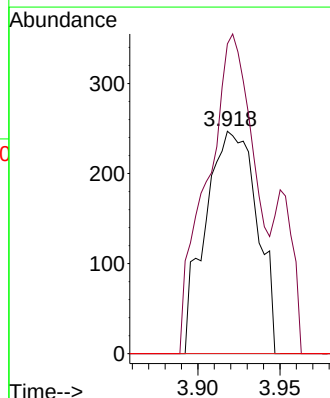
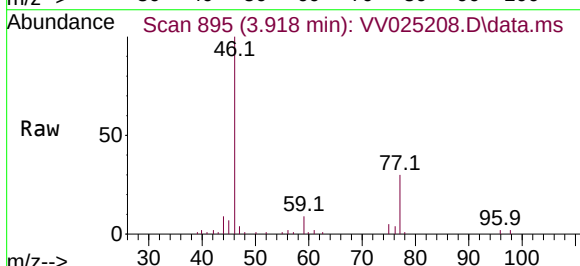
Instrument :
MSVOA_V
ClientSampleId :
C0AD1

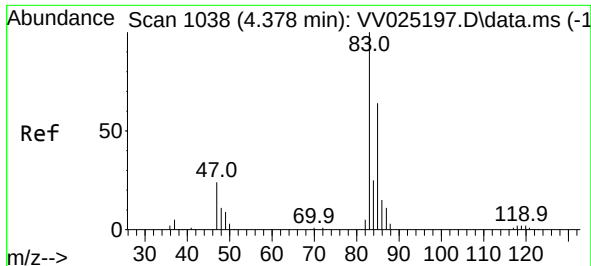
Tgt Ion:	63	Resp:	7906
Ion	Ratio	Lower	Upper
63	100		
65	33.3	22.0	40.8
83	12.4	10.2	19.0



#22
cis-1,2-Dichloroethene
Concen: 0.048 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.003 min
Lab File: VV025208.D
Acq: 26 Mar 2022 19:09

Tgt Ion:	96	Resp:	540
Ion	Ratio	Lower	Upper
96	100		
61	139.3	84.1	156.1
68	0.0	0.0	0.0

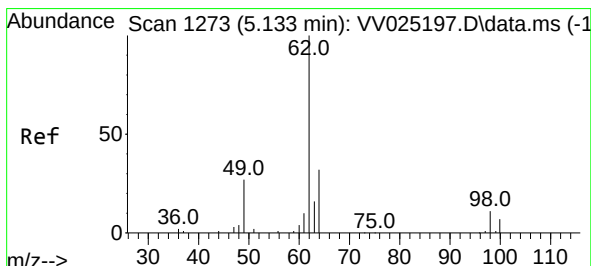
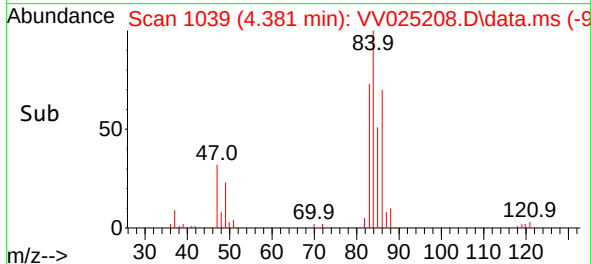
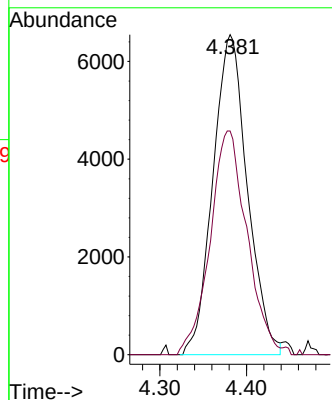
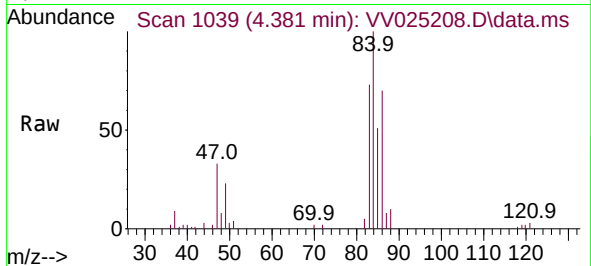




#25
Chloroform
Concen: 0.881 ug/L
RT: 4.381 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV025208.D
Acq: 26 Mar 2022 19:09

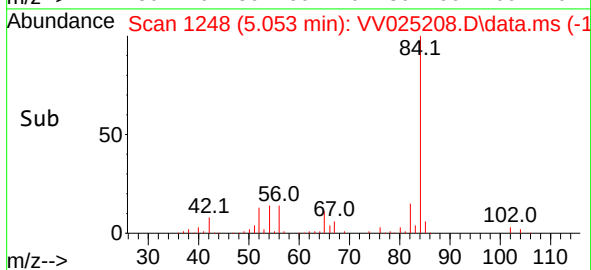
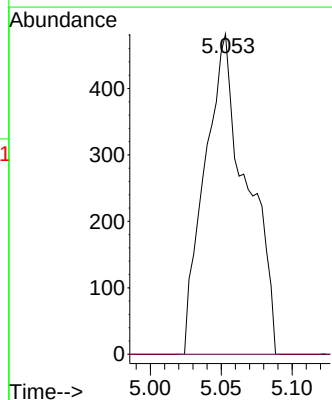
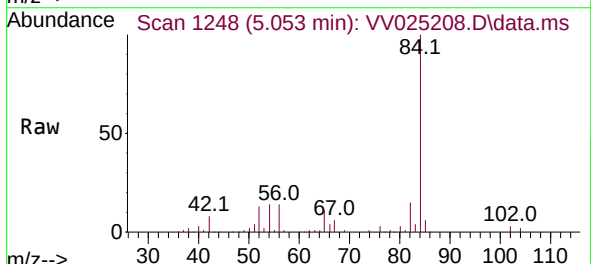
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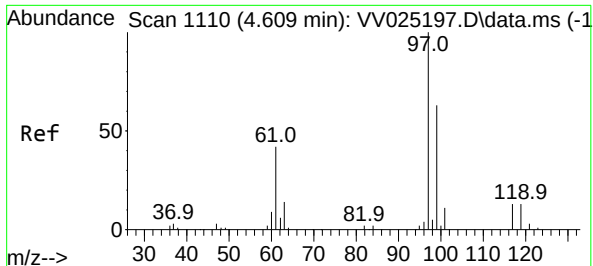
Tgt Ion: 83 Resp: 18119
Ion Ratio Lower Upper
83 100
85 69.9 44.7 82.9



#27
1,2-Dichloroethane
Concen: 0.093 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.080 min
Lab File: VV025208.D
Acq: 26 Mar 2022 19:09

Tgt Ion: 62 Resp: 993
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#





#29

1,1,1-Trichloroethane

Concen: 2.030 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV025208.D

Acq: 26 Mar 2022 19:09

Instrument :

MSVOA_V

ClientSampleId :

C0AD1

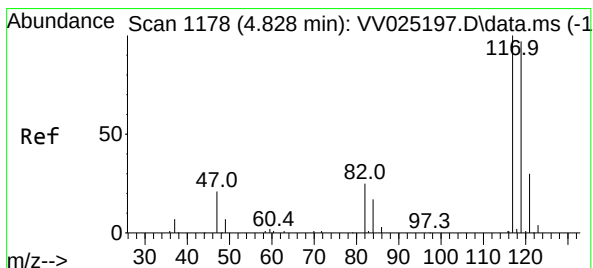
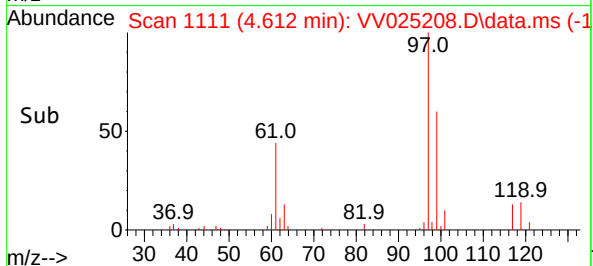
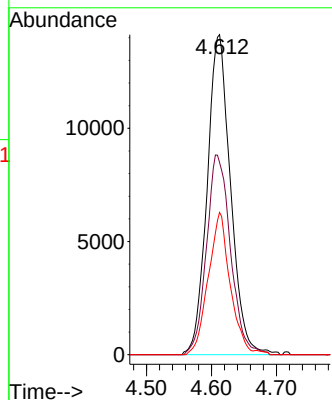
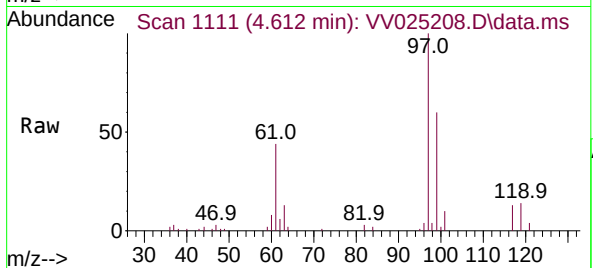
Tgt Ion: 97 Resp: 35380

Ion Ratio Lower Upper

97 100

99 64.3 51.9 77.9

61 41.3 34.2 51.2



#31

Carbon tetrachloride

Concen: 0.305 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.219 min

Lab File: VV025208.D

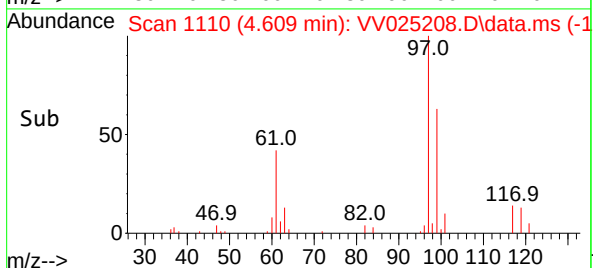
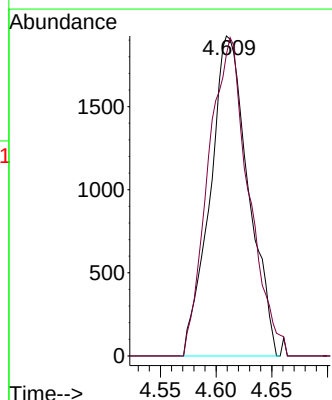
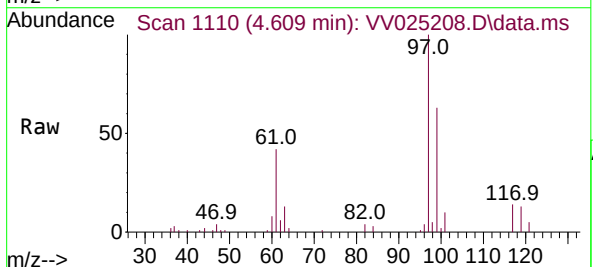
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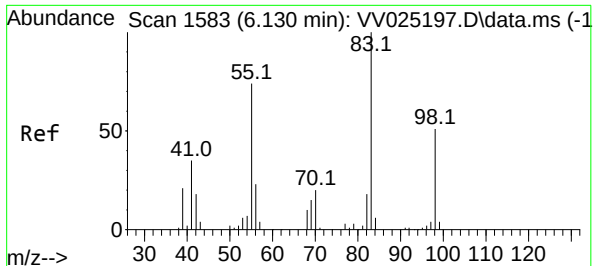
Tgt Ion: 117 Resp: 4601

Ion Ratio Lower Upper

117 100

119 104.7 77.8 116.6

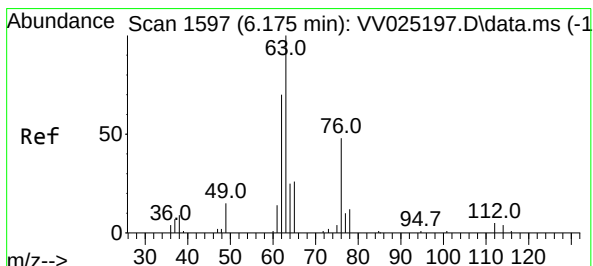
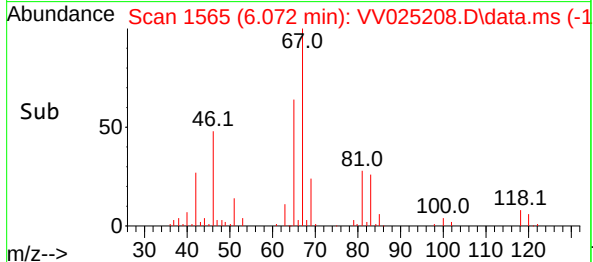
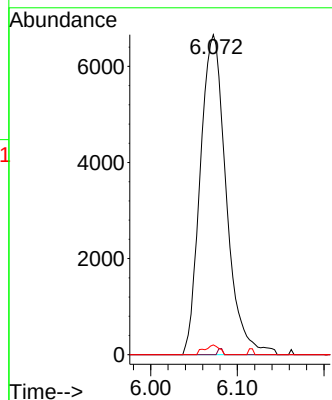
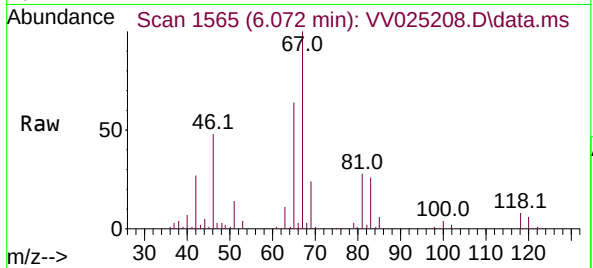




#35
Methylcyclohexane
Concen: 0.761 ug/L
RT: 6.072 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV025208.D
Acq: 26 Mar 2022 19:09

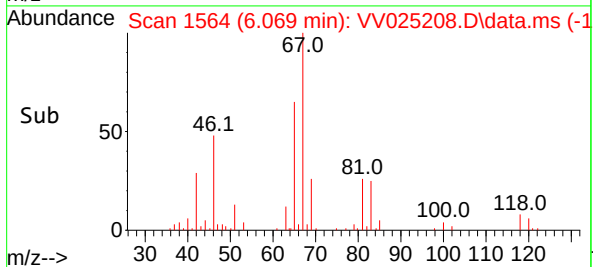
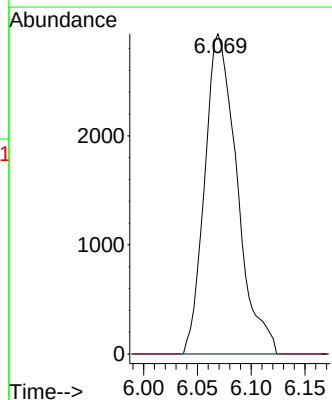
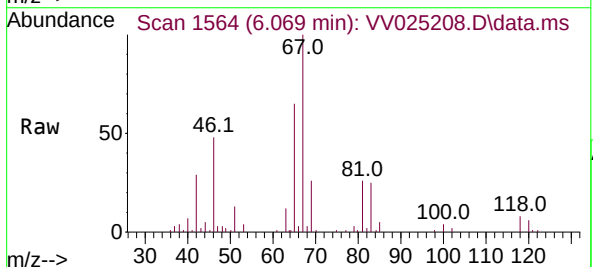
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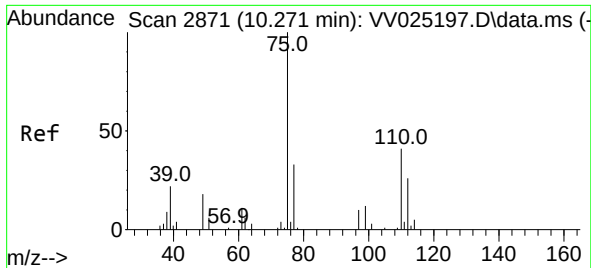
Tgt Ion: 83 Resp: 13834
Ion Ratio Lower Upper
83 100
55 0.3 54.6 81.8#
98 1.7 39.8 59.6#



#37
1,2-Dichloropropane
Concen: 0.626 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV025208.D
Acq: 26 Mar 2022 19:09

Tgt Ion: 63 Resp: 6140
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#





#61

1,2,3-Trichloropropane

Concen: 1.601 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV025208.D

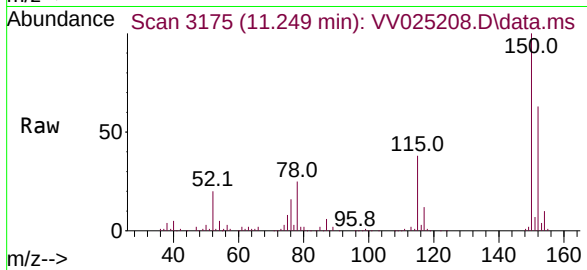
Acq: 26 Mar 2022 19:09

Instrument :

MSVOA_V

ClientSampleId :

C0AD1



Tgt Ion: 75 Resp: 7553

Ion Ratio Lower Upper

75 100

77 36.1 25.8 38.6

110 4.1 31.6 47.4#

