

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100621\
 Data File : VV022619.D
 Acq On : 06 Oct 2021 14:13
 Operator : SY/MD
 Sample : M4051-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AW8

Quant Time: Oct 07 06:17:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 07 06:15:29 2021
 Response via : Initial Calibration

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

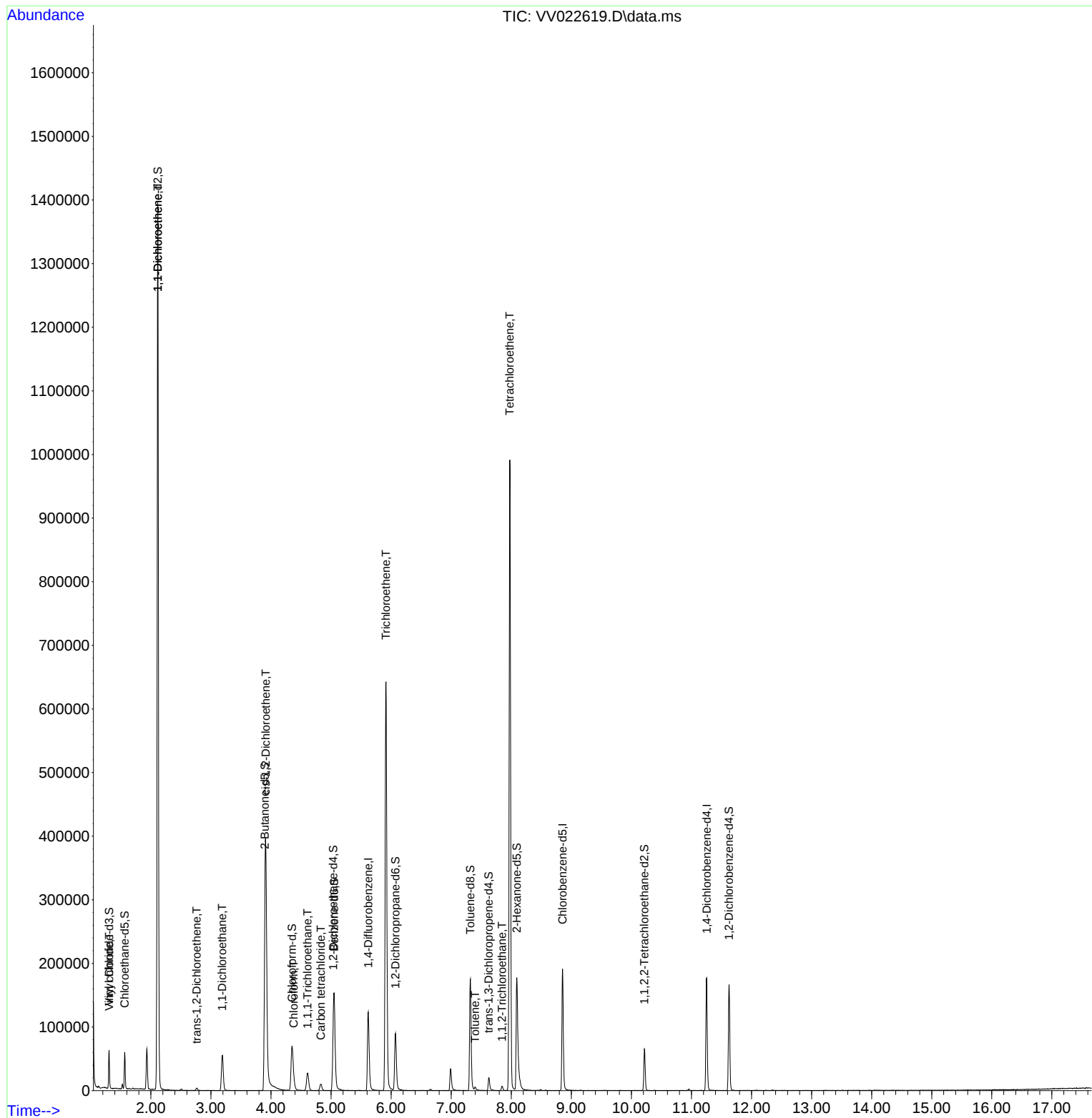
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	111202	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	108733	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	48226	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35328	9.916	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 198.400%#	
7) Chloroethane-d5	1.565	69	33532	6.982	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 139.600%#	
11) 1,1-Dichloroethene-d2	2.114	63	265472	25.680	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 513.600%#	
20) 2-Butanone-d5	3.899	46	72610	34.476	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	= 68.960%	
24) Chloroform-d	4.349	84	71601	5.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 104.400%	
26) 1,2-Dichloroethane-d4	5.037	65	35225	5.450	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 109.000%	
32) Benzene-d6	5.053	84	142194	5.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 116.000%	
36) 1,2-Dichloropropane-d6	6.072	67	44366	5.132	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 102.600%	
41) Toluene-d8	7.320	98	118834	5.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 115.800%	
43) trans-1,3-Dichloroprop...	7.625	79	12884	5.632	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 112.600%	
46) 2-Hexanone-d5	8.092	63	66987	47.290	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 94.580%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30966	4.714	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 94.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	44541	5.971	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 119.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	1193	0.139	ug/L #	1
12) 1,1-Dichloroethene	2.118	96	402138	59.033	ug/L #	85
18) trans-1,2-Dichloroethene	2.761	96	1248	0.168	ug/L	88
19) 1,1-Dichloroethane	3.188	63	56283	4.226	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	218385	27.112	ug/L	95
25) Chloroform	4.378	83	11771	0.809	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	22923	1.845	ug/L	98
31) Carbon tetrachloride	4.831	117	7594	0.689	ug/L	93
34) Trichloroethene	5.912	95	221998	26.069	ug/L	98
42) Toluene	7.400	91	3732	0.121	ug/L	95
45) 1,1,2-Trichloroethane	7.847	97	2403	0.450	ug/L	92
47) Tetrachloroethene	7.976	164	224181	33.855	ug/L	99

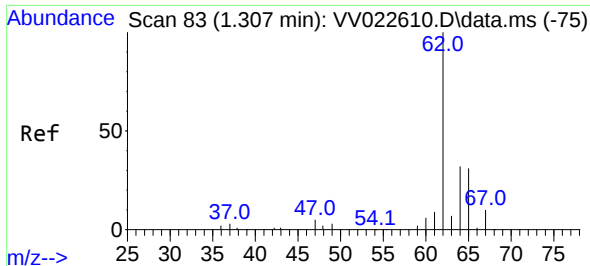
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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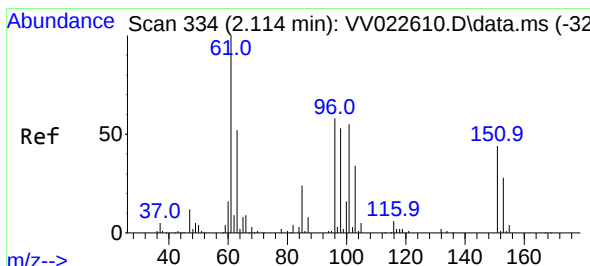
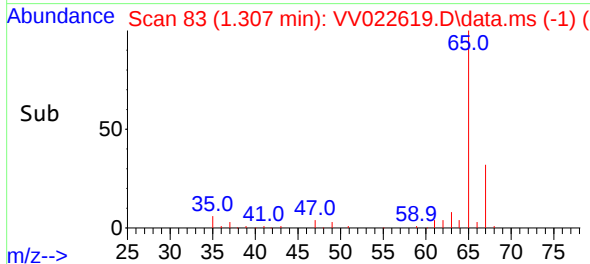
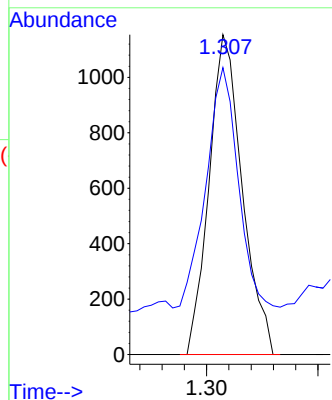
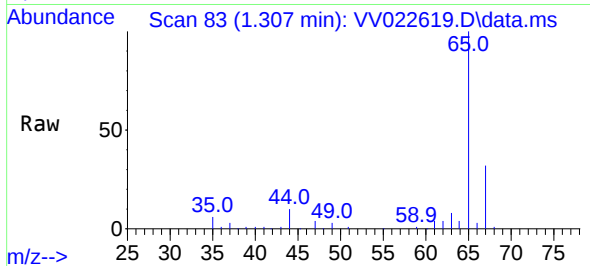




#5
 Vinyl chloride
 Concen: 0.139 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV022619.D
 Acq: 06 Oct 2021 14:13

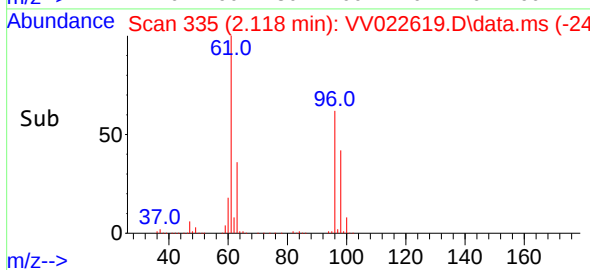
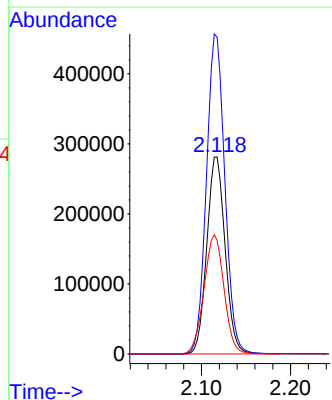
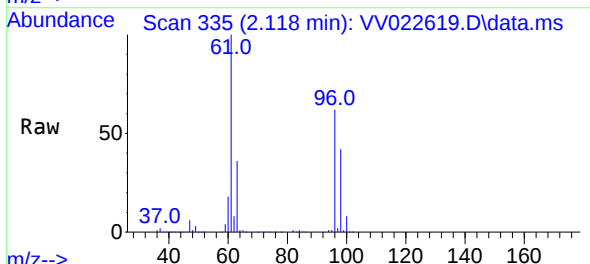
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AW8

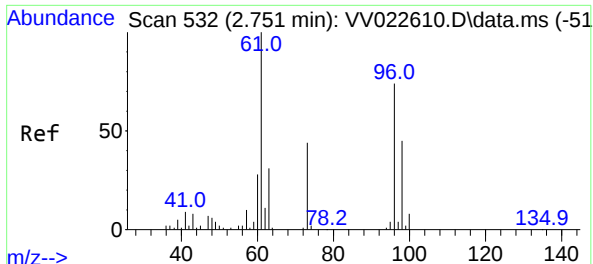
Tgt Ion: 62 Resp: 1193
 Ion Ratio Lower Upper
 62 100
 64 89.7 22.3 41.5#



#12
 1,1-Dichloroethene
 Concen: 59.033 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV022619.D
 Acq: 06 Oct 2021 14:13

Tgt Ion: 96 Resp: 402138
 Ion Ratio Lower Upper
 96 100
 61 160.7 113.2 210.2
 63 57.6 66.6 123.8#



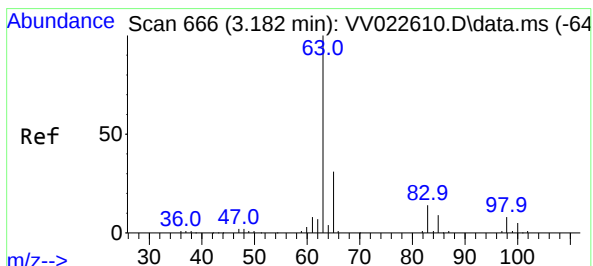
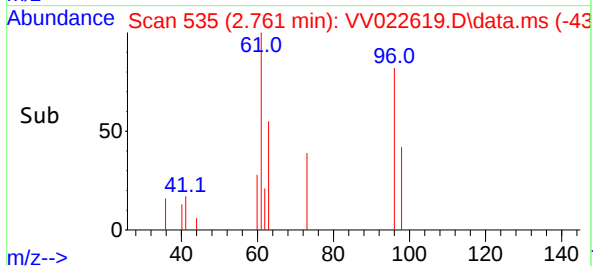
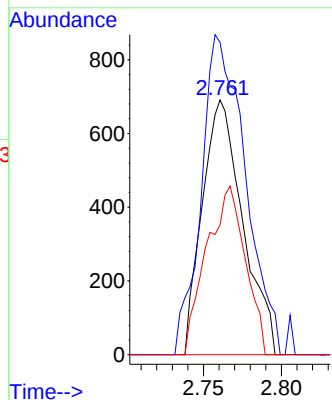
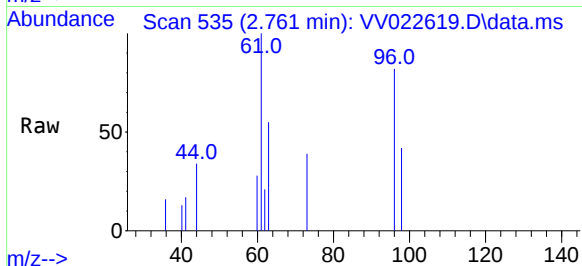


#18
trans-1,2-Dichloroethene
Concen: 0.168 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.010 min
Lab File: VV022619.D
Acq: 06 Oct 2021 14:13

Instrument :
MSVOA_V
ClientSampleId :
C0AW8

Tgt Ion: 96 Resp: 1248

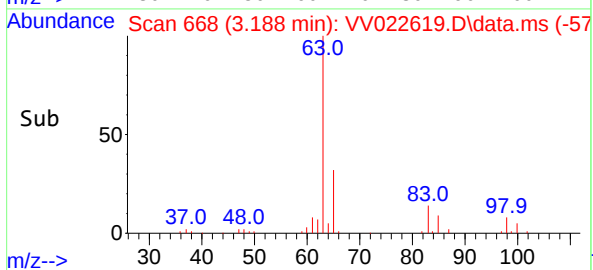
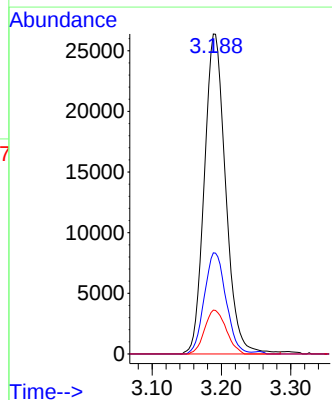
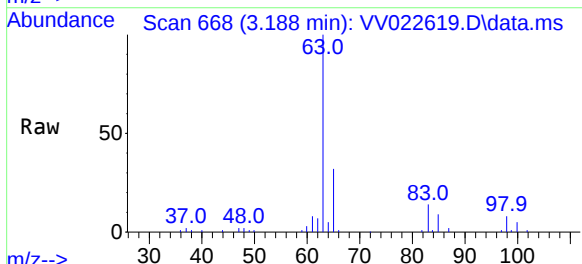
Ion	Ratio	Lower	Upper
96	100		
61	122.6	94.0	174.6
98	50.9	44.9	83.3

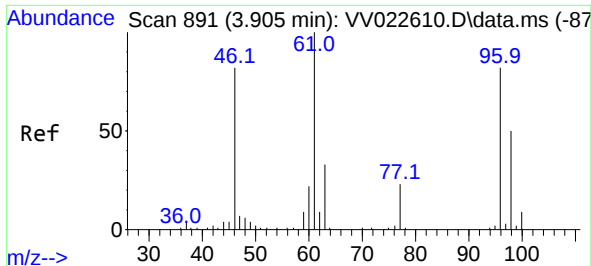


#19
1,1-Dichloroethane
Concen: 4.226 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.006 min
Lab File: VV022619.D
Acq: 06 Oct 2021 14:13

Tgt Ion: 63 Resp: 56283

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.8	42.4
83	13.7	10.2	19.0

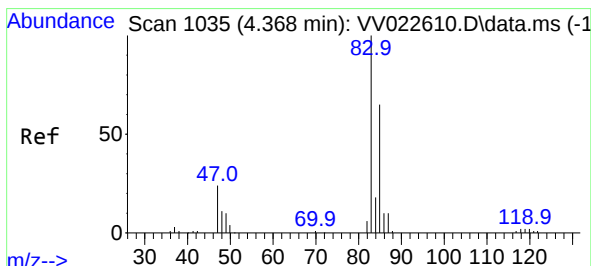
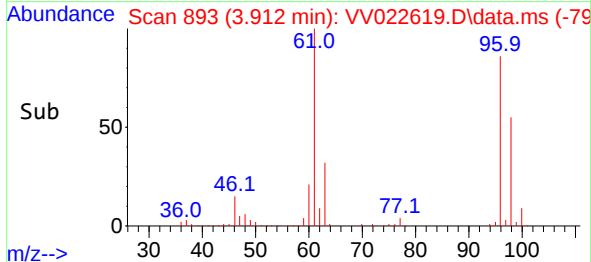
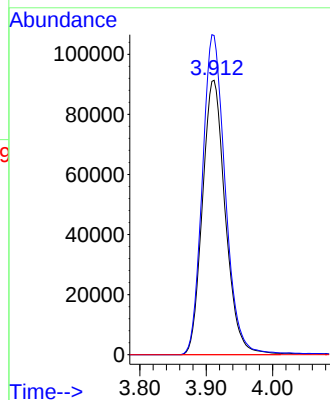
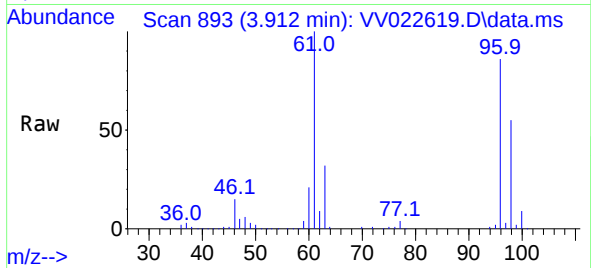




#22
cis-1,2-Dichloroethene
Concen: 27.112 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.006 min
Lab File: VV022619.D
Acq: 06 Oct 2021 14:13

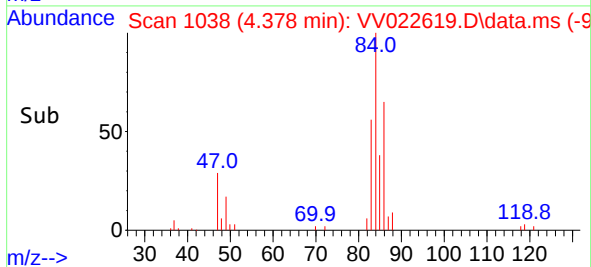
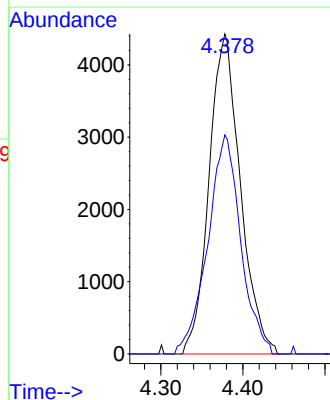
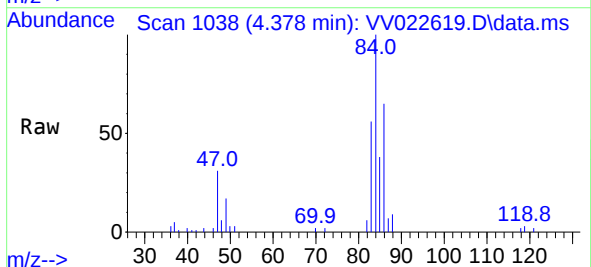
Instrument :
MSVOA_V
ClientSampleId :
C0AW8

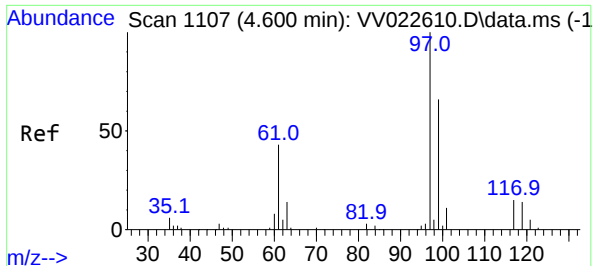
Tgt Ion: 96 Resp: 218385
Ion Ratio Lower Upper
96 100
61 116.3 85.6 159.0
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.809 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.010 min
Lab File: VV022619.D
Acq: 06 Oct 2021 14:13

Tgt Ion: 83 Resp: 11771
Ion Ratio Lower Upper
83 100
85 68.5 45.6 84.8



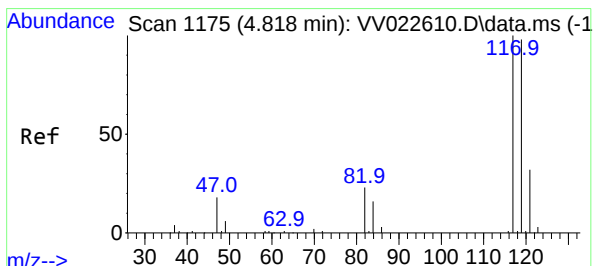
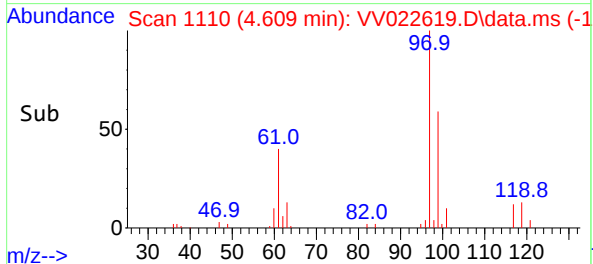
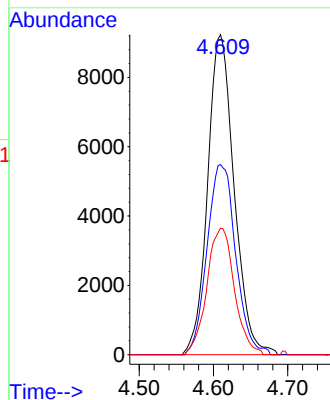
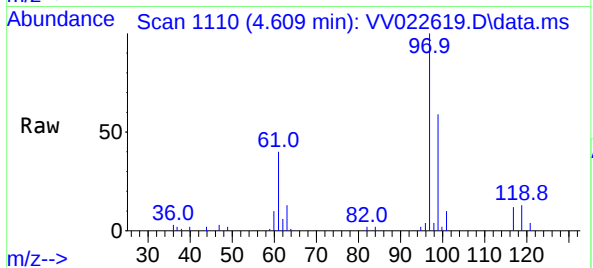


#29

1,1,1-Trichloroethane
Concen: 1.845 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.010 min
Lab File: VV022619.D
Acq: 06 Oct 2021 14:13

Instrument :
MSVOA_V
ClientSampleId :
C0AW8

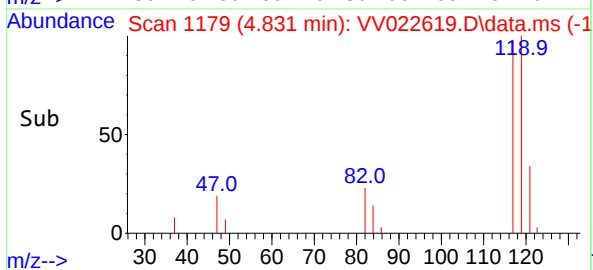
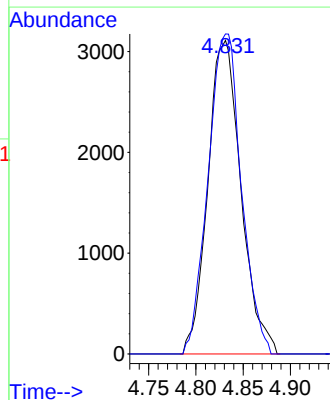
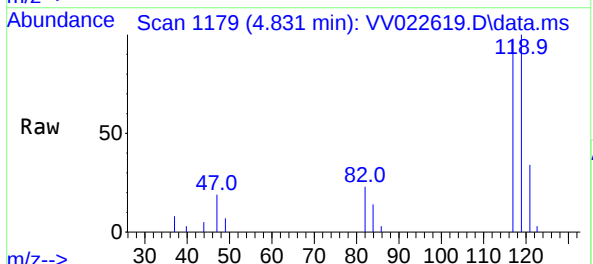
Tgt Ion: 97	Resp: 22923
Ion Ratio	Lower Upper
97 100	
99 64.1	49.8 74.6
61 41.0	32.5 48.7

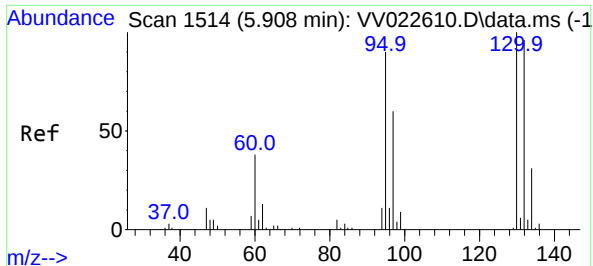


#31

Carbon tetrachloride
Concen: 0.689 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.013 min
Lab File: VV022619.D
Acq: 06 Oct 2021 14:13

Tgt Ion: 117	Resp: 7594
Ion Ratio	Lower Upper
117 100	
119 102.5	76.9 115.3





#34

Trichloroethene

Concen: 26.069 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV022619.D

Acq: 06 Oct 2021 14:13

Tgt Ion: 95 Resp: 221998

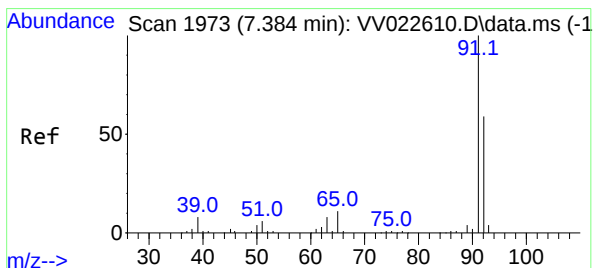
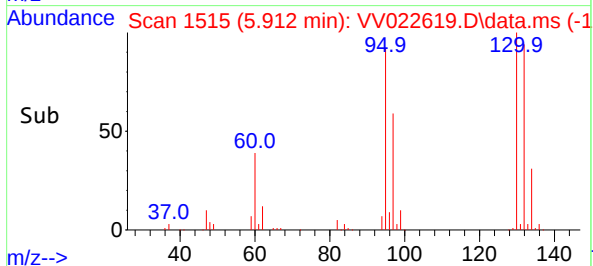
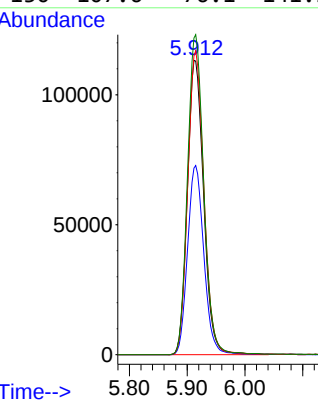
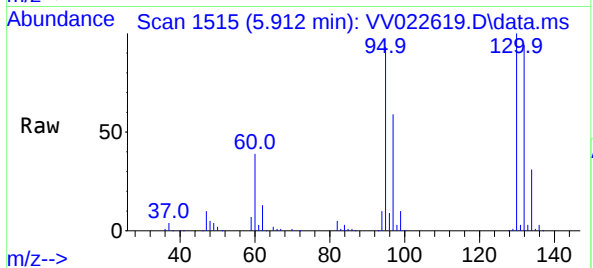
Ion Ratio Lower Upper

95 100

97 63.4 46.5 86.5

132 101.5 73.0 135.6

130 107.6 76.1 141.3



#42

Toluene

Concen: 0.121 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.016 min

Lab File: VV022619.D

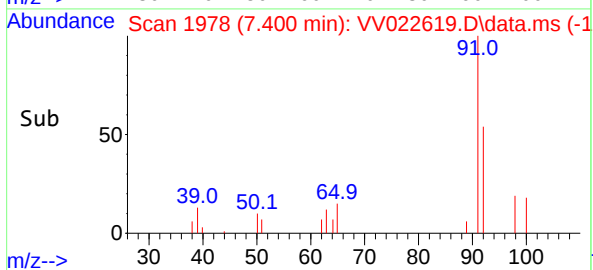
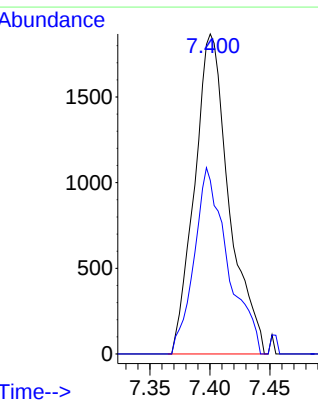
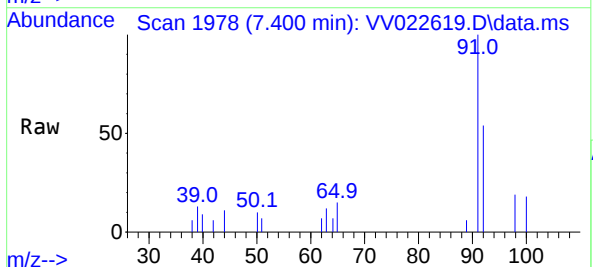
Acq: 06 Oct 2021 14:13

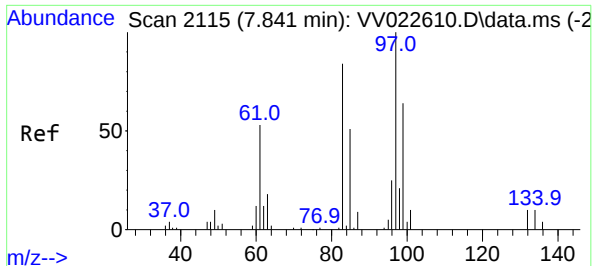
Tgt Ion: 91 Resp: 3732

Ion Ratio Lower Upper

91 100

92 54.2 40.5 75.3



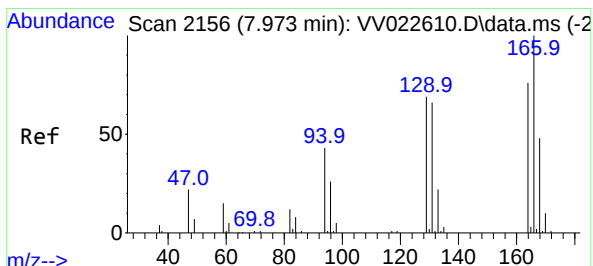
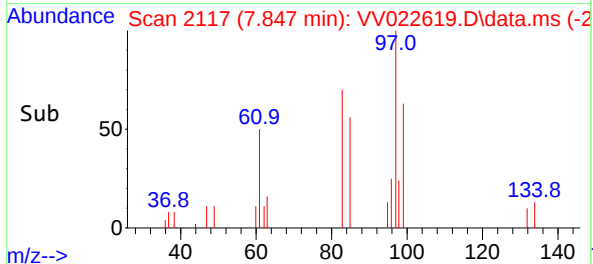
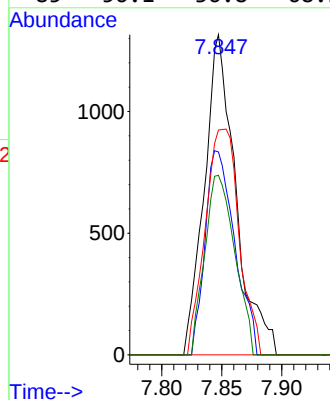
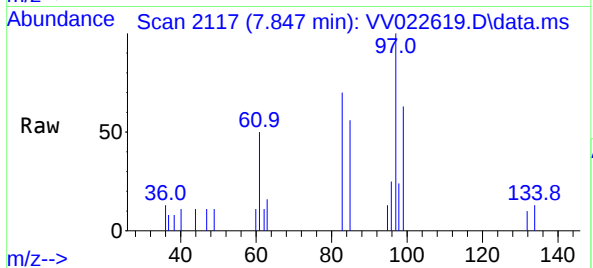


#45
1,1,2-Trichloroethane
Concen: 0.450 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VV022619.D
Acq: 06 Oct 2021 14:13

Instrument :
MSVOA_V
ClientSampled :
C0AW8

Tgt Ion: 97 Resp: 2403

Ion	Ratio	Lower	Upper
97	100		
99	63.4	42.6	79.0
83	70.2	57.7	107.1
85	56.1	36.8	68.3



#47
Tetrachloroethene
Concen: 33.855 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022619.D
Acq: 06 Oct 2021 14:13

Tgt Ion: 164 Resp: 224181

Ion	Ratio	Lower	Upper
164	100		
129	91.1	65.5	121.6
131	88.3	62.4	116.0
166	129.4	91.1	169.3

