

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100621\
 Data File : VV022616.D
 Acq On : 06 Oct 2021 11:48
 Operator : SY/MD
 Sample : M4051-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 06:16:50 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	111600	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	107915	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	48790	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.304	65	37203	10.405	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	208.000%#
7) Chloroethane-d5	1.564	69	35172	7.297	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	146.000%#
11) 1,1-Dichloroethene-d2	2.105	63	57910	5.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.600%
20) 2-Butanone-d5	3.905	46	68036	32.189	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.380%
24) Chloroform-d	4.349	84	69875	5.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.037	65	34789	5.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.050	84	142012	5.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.800%
36) 1,2-Dichloropropane-d6	6.072	67	43011	5.013	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.320	98	122888	6.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.600%
43) trans-1,3-Dichloroprop...	7.625	79	12411	5.466	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.400%
46) 2-Hexanone-d5	8.092	63	58734	41.778	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.560%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28200	4.326	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	47060	6.236	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.800%#

Target Compounds

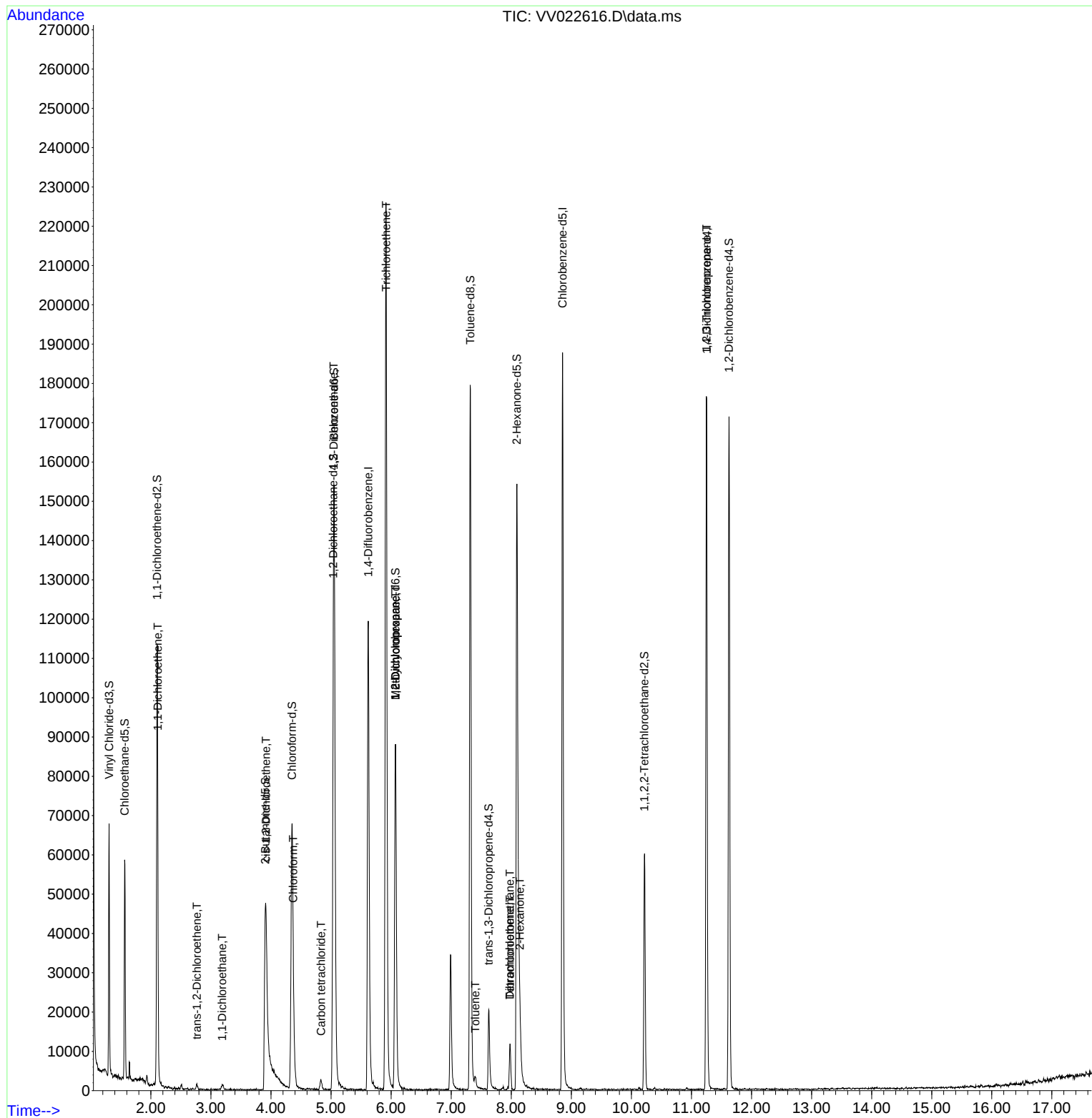
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	2576	0.377	ug/L #	1
18) trans-1,2-Dichloroethene	2.767	96	496	0.067	ug/L #	89
19) 1,1-Dichloroethane	3.185	63	889	0.067	ug/L #	87
22) cis-1,2-Dichloroethene	3.915	96	13121	1.623	ug/L	96
25) Chloroform	4.371	83	7718	0.529	ug/L	94
27) 1,2-Dichloroethane	5.043	62	747	0.096	ug/L #	74
31) Carbon tetrachloride	4.834	117	1710	0.156	ug/L	92
34) Trichloroethene	5.915	95	78187	9.251	ug/L	99
35) Methylcyclohexane	6.072	83	10670	0.901	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	4983	0.702	ug/L #	84
42) Toluene	7.403	91	2307	0.076	ug/L	96
47) Tetrachloroethene	7.979	164	2616	0.398	ug/L	91
48) 2-Hexanone	8.143	43	8574	3.050	ug/L #	78
49) Dibromochloromethane	7.979	129	2556	0.409	ug/L #	12
61) 1,2,3-Trichloropropane	11.249	75	5093	1.408	ug/L #	63

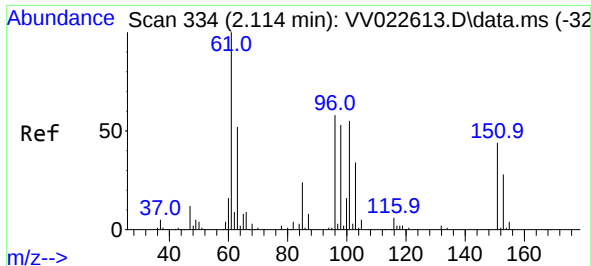
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

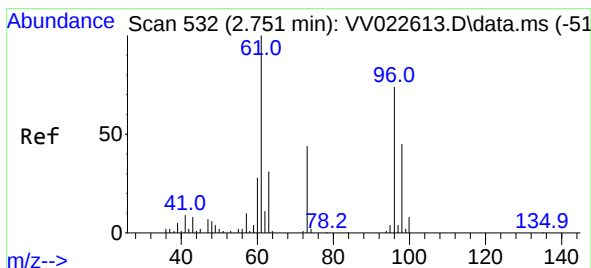
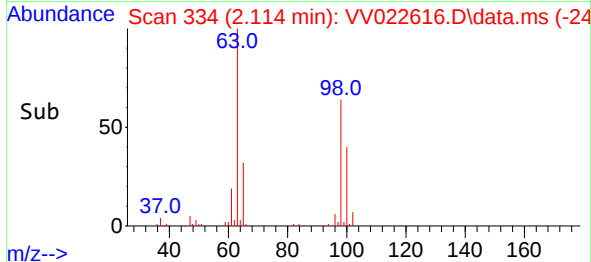
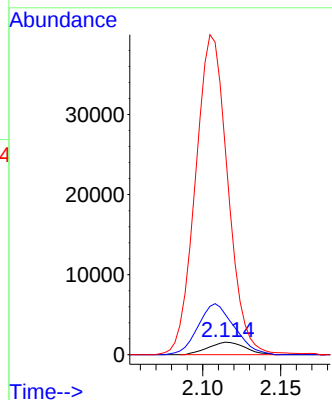
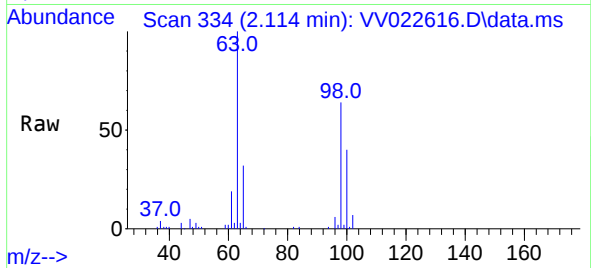




#12
1,1-Dichloroethene
Concen: 0.377 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022616.D
Acq: 06 Oct 2021 11:48

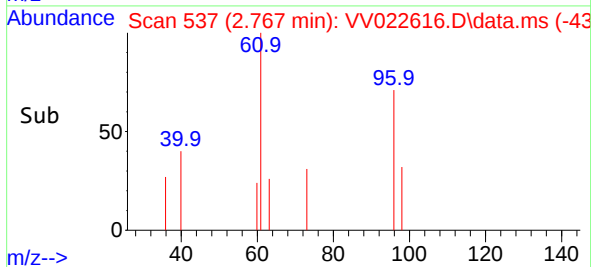
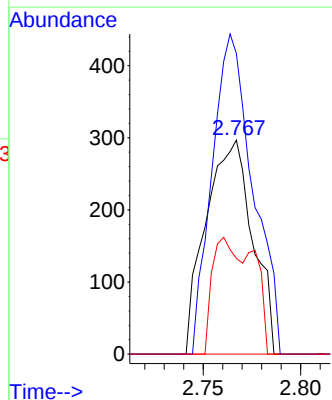
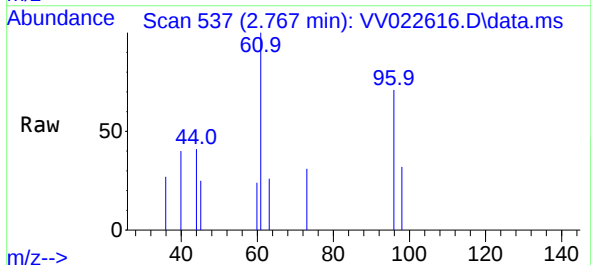
Instrument :
MSVOA_V
ClientSampled :

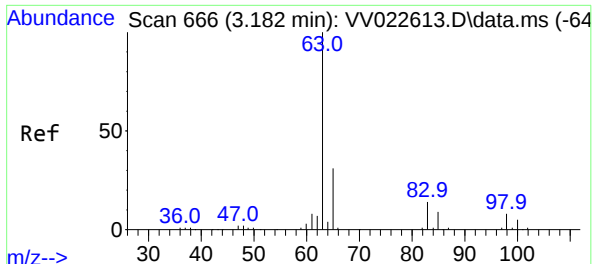
Tgt Ion: 96 Resp: 2576
Ion Ratio Lower Upper
96 100
61 326.3 113.2 210.2#
63 1680.6 66.6 123.8#



#18
trans-1,2-Dichloroethene
Concen: 0.067 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.016 min
Lab File: VV022616.D
Acq: 06 Oct 2021 11:48

Tgt Ion: 96 Resp: 496
Ion Ratio Lower Upper
96 100
61 140.4 94.0 174.6
98 44.8 44.9 83.3#



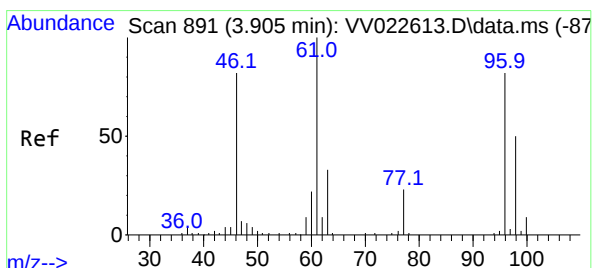
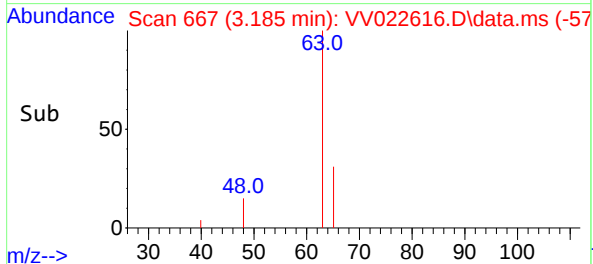
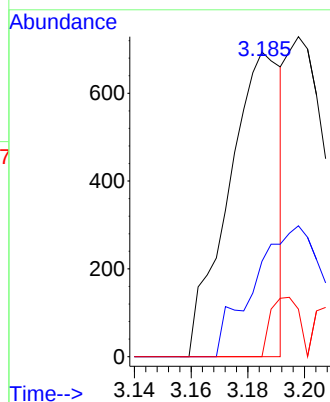
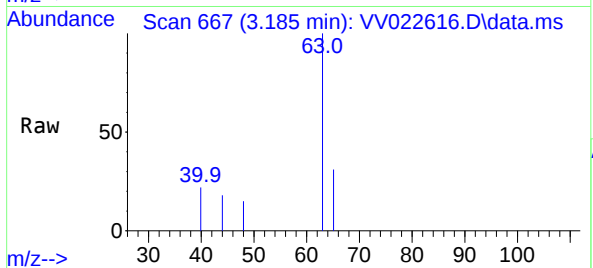


#19
1,1-Dichloroethane
Concen: 0.067 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV022616.D
Acq: 06 Oct 2021 11:48

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 63 Resp: 889

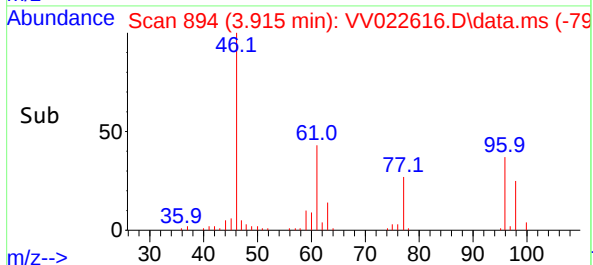
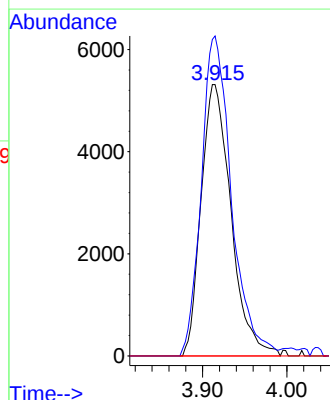
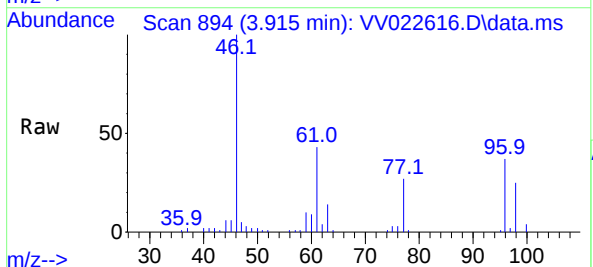
Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.8	42.4
83	0.0	10.2	19.0#

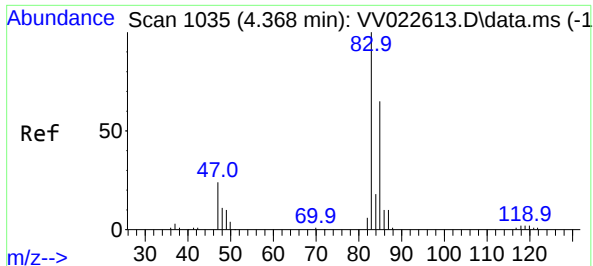


#22
cis-1,2-Dichloroethene
Concen: 1.623 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV022616.D
Acq: 06 Oct 2021 11:48

Tgt Ion: 96 Resp: 13121

Ion	Ratio	Lower	Upper
96	100		
61	117.9	85.6	159.0
68	0.0	0.0	0.0



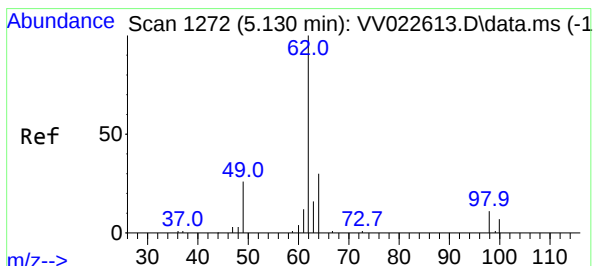
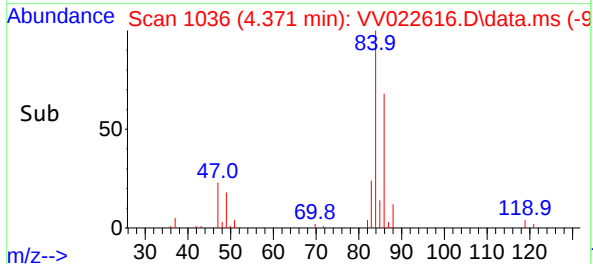
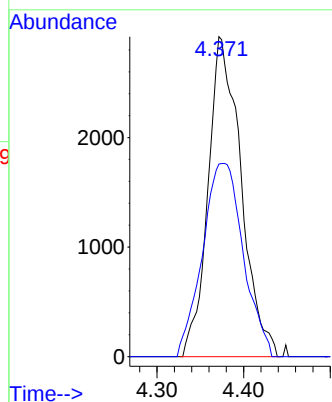
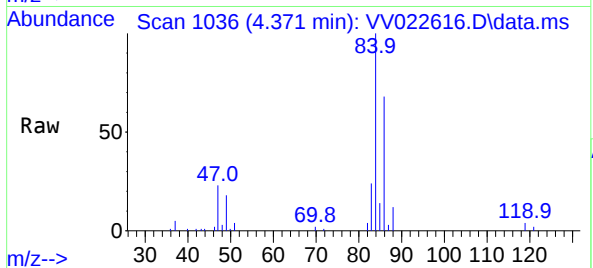


#25

Chloroform
Concen: 0.529 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV022616.D
Acq: 06 Oct 2021 11:48

Instrument :
MSVOA_V
ClientSampled :

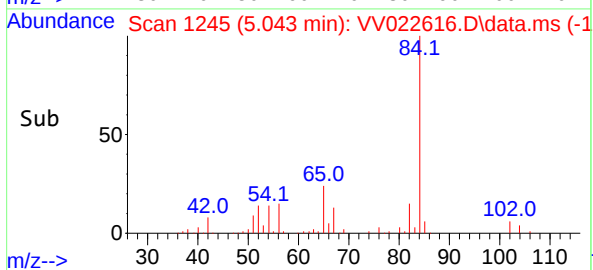
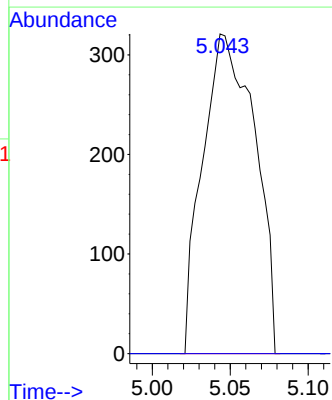
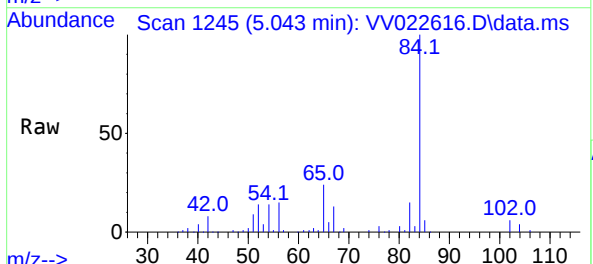
Tgt Ion: 83 Resp: 7718
Ion Ratio Lower Upper
83 100
85 60.2 45.6 84.8

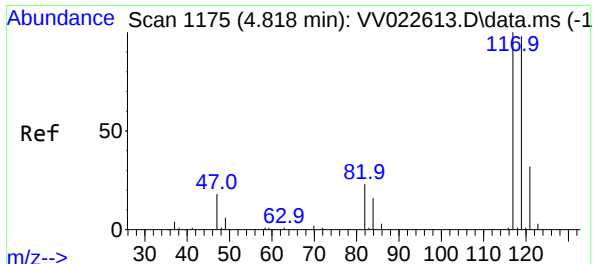


#27

1,2-Dichloroethane
Concen: 0.096 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.087 min
Lab File: VV022616.D
Acq: 06 Oct 2021 11:48

Tgt Ion: 62 Resp: 747
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.2#

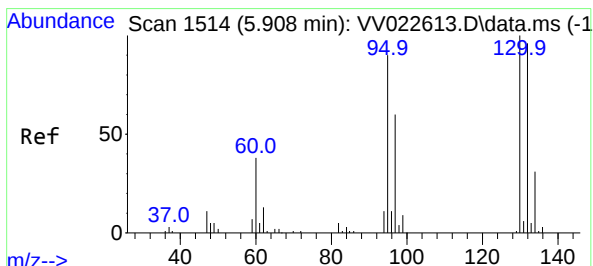
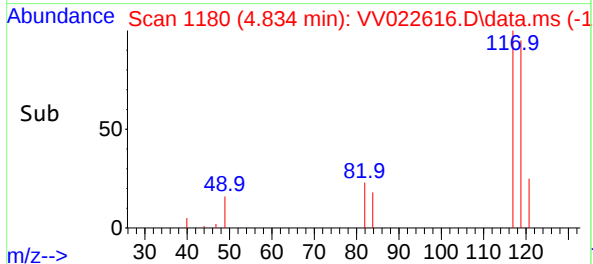
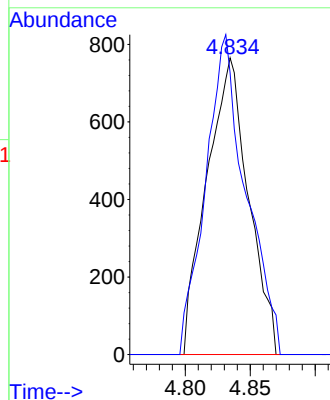
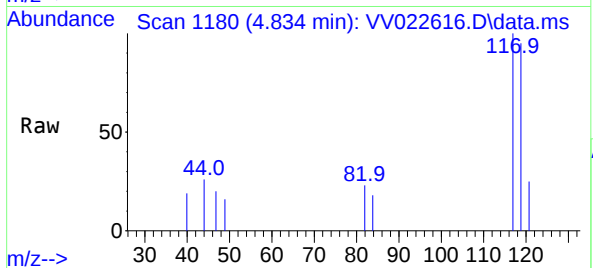




#31
Carbon tetrachloride
Concen: 0.156 ug/L
RT: 4.834 min Scan# 1180
Delta R.T. 0.016 min
Lab File: VV022616.D
Acq: 06 Oct 2021 11:48

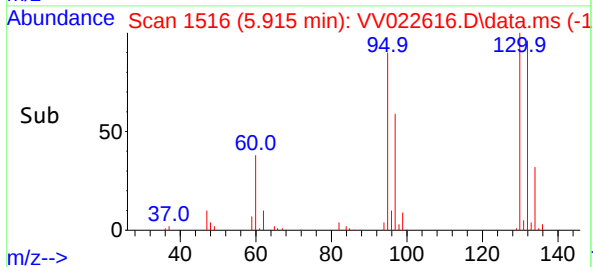
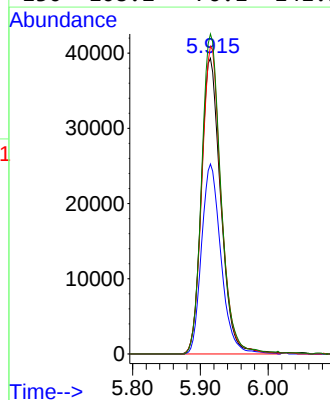
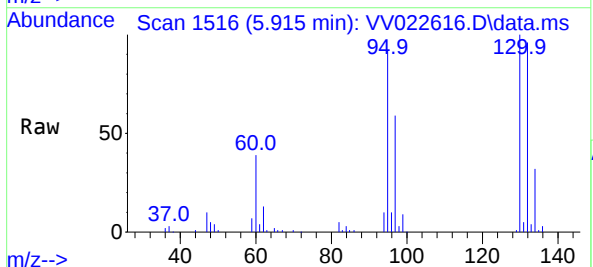
Instrument :
MSVOA_V
ClientSampled :

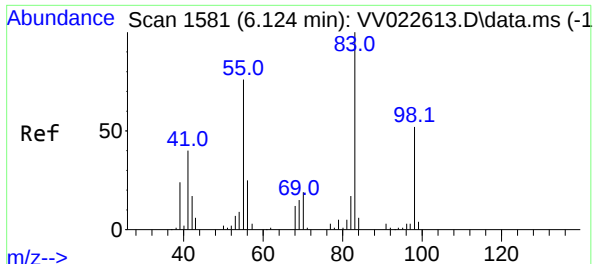
Tgt Ion: 117 Resp: 1710
Ion Ratio Lower Upper
117 100
119 104.3 76.9 115.3



#34
Trichloroethene
Concen: 9.251 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV022616.D
Acq: 06 Oct 2021 11:48

Tgt Ion: 95 Resp: 78187
Ion Ratio Lower Upper
95 100
97 64.2 46.5 86.5
132 104.0 73.0 135.6
130 108.2 76.1 141.3

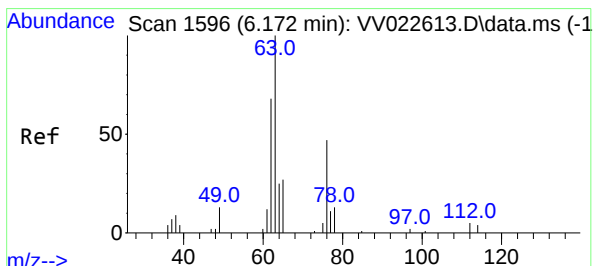
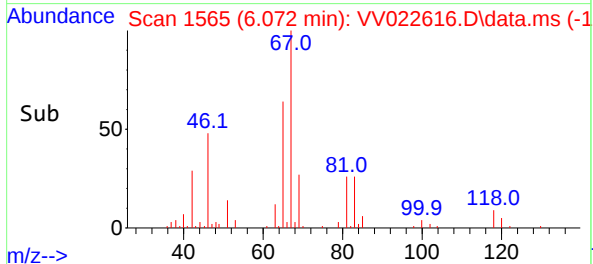
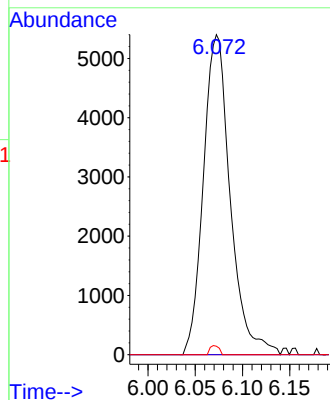
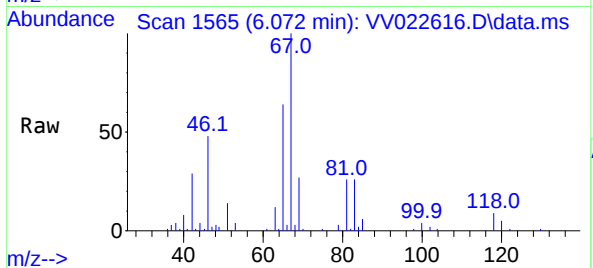




#35
Methylcyclohexane
Concen: 0.901 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.051 min
Lab File: VV022616.D
Acq: 06 Oct 2021 11:48

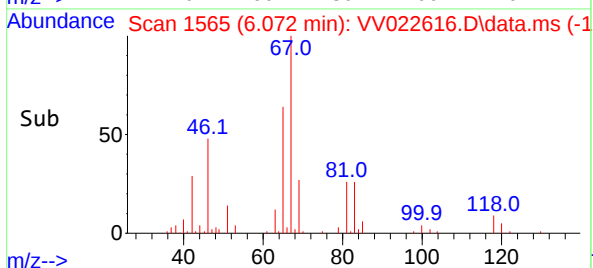
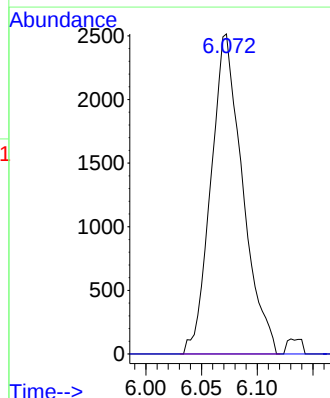
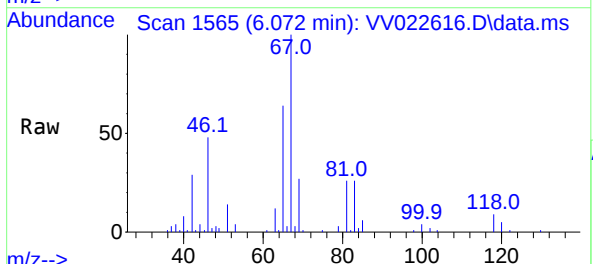
Instrument :
MSVOA_V
ClientSampled :

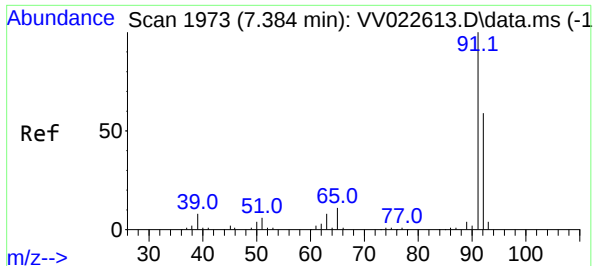
Tgt Ion:	83	Resp:	10670
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	1.0	39.8	59.8#



#37
1,2-Dichloropropane
Concen: 0.702 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022616.D
Acq: 06 Oct 2021 11:48

Tgt Ion:	63	Resp:	4983
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#





#42

Toluene

Concen: 0.076 ug/L

RT: 7.403 min Scan# 1979

Delta R.T. 0.019 min

Lab File: VV022616.D

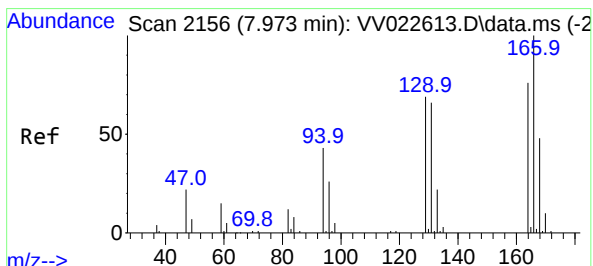
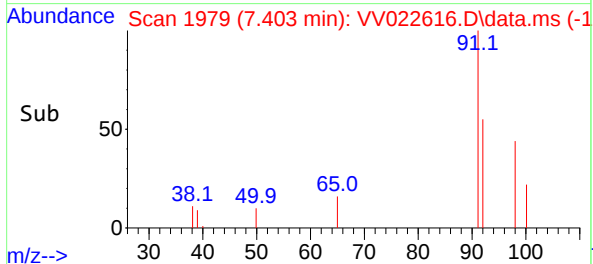
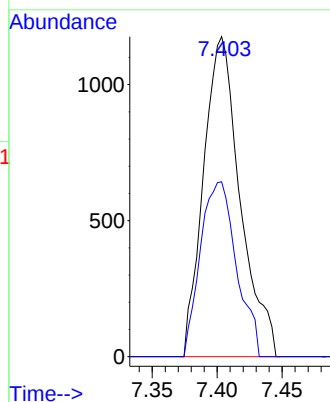
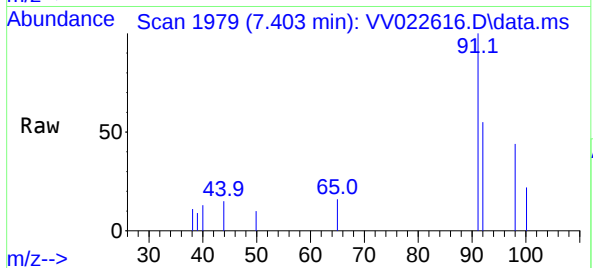
Acq: 06 Oct 2021 11:48

Tgt Ion: 91 Resp: 2307

Ion Ratio Lower Upper

91 100

92 54.7 40.5 75.3



#47

Tetrachloroethene

Concen: 0.398 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV022616.D

Acq: 06 Oct 2021 11:48

Tgt Ion: 164 Resp: 2616

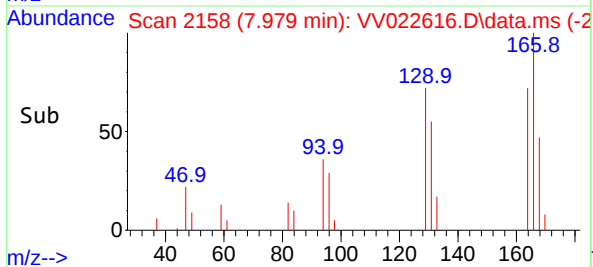
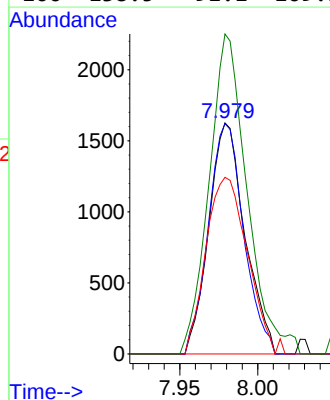
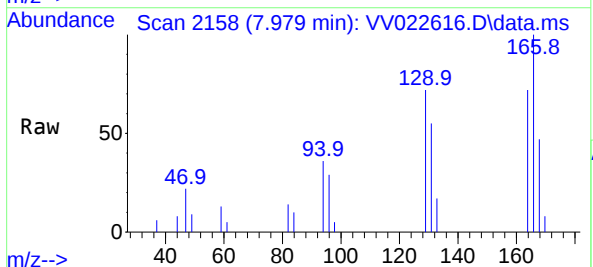
Ion Ratio Lower Upper

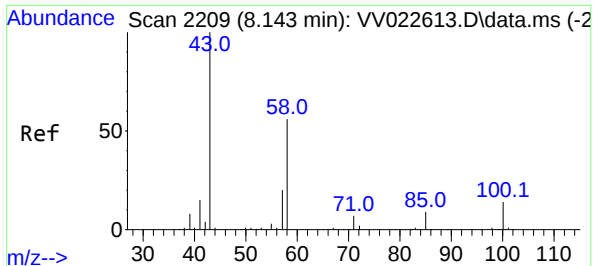
164 100

129 99.7 65.5 121.6

131 76.4 62.4 116.0

166 138.5 91.1 169.3



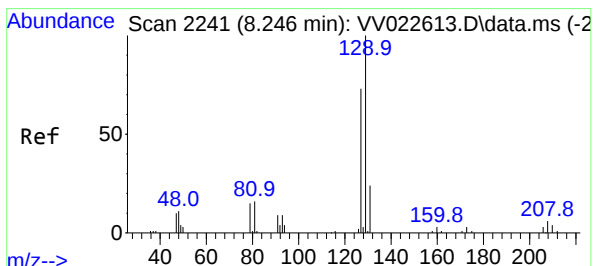
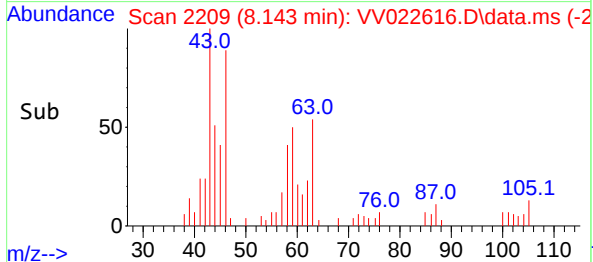
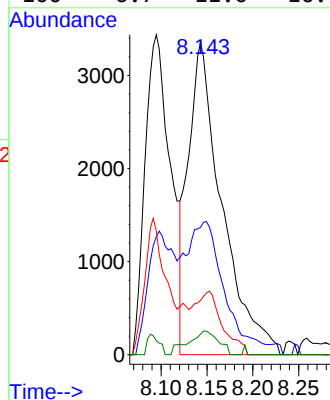
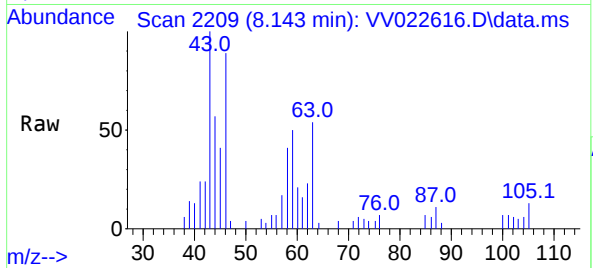


#48
2-Hexanone
Concen: 3.050 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV022616.D
Acq: 06 Oct 2021 11:48

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 8574

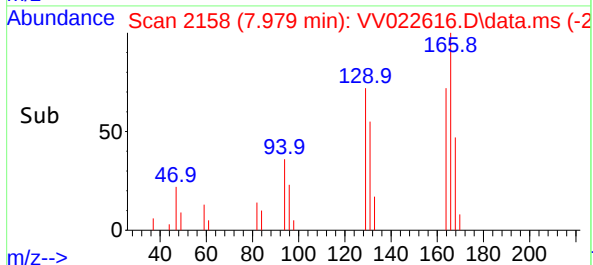
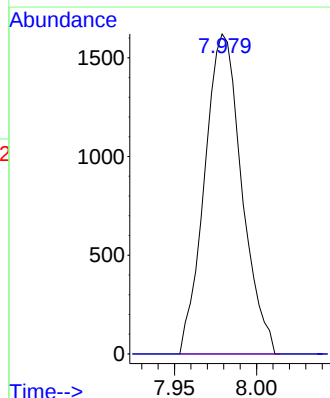
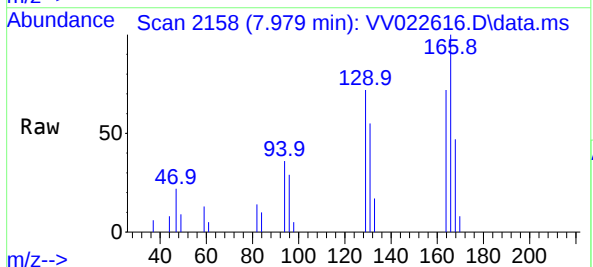
Ion	Ratio	Lower	Upper
43	100		
58	38.2	46.4	69.6#
57	15.6	16.3	24.5#
100	6.7	11.0	16.6#

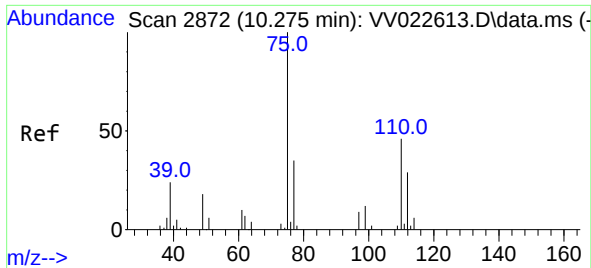


#49
Dibromochloromethane
Concen: 0.409 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV022616.D
Acq: 06 Oct 2021 11:48

Tgt Ion: 129 Resp: 2556

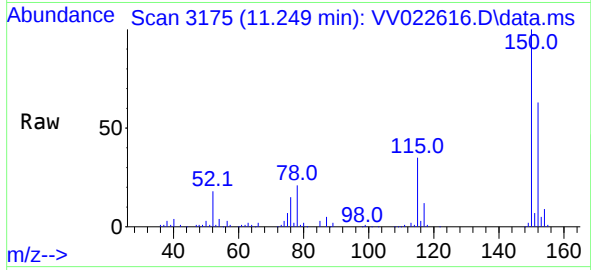
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.6#





#61
1,2,3-Trichloropropane
Concen: 1.408 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022616.D
Acq: 06 Oct 2021 11:48

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 5093

Ion	Ratio	Lower	Upper
75	100		
77	37.1	26.1	39.1
110	3.5	33.0	49.6#

