

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100621\
 Data File : VV022650.D
 Acq On : 07 Oct 2021 03:27
 Operator : SY/MD
 Sample : M4050-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 07:51:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 07 07:45:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	102643	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	99636	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	45926	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	12469	3.792	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.568	69	19900	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.105	63	25152	2.636	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.800%#
20) 2-Butanone-d5	3.895	46	84091	43.257	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.520%
24) Chloroform-d	4.352	84	53199	4.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.037	65	26704	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.053	84	94117	4.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.072	67	33197	4.191	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.320	98	73436	3.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	7.628	79	8241	3.931	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.091	63	54763	42.190	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.380%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	26256	4.362	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	34700	4.885	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%

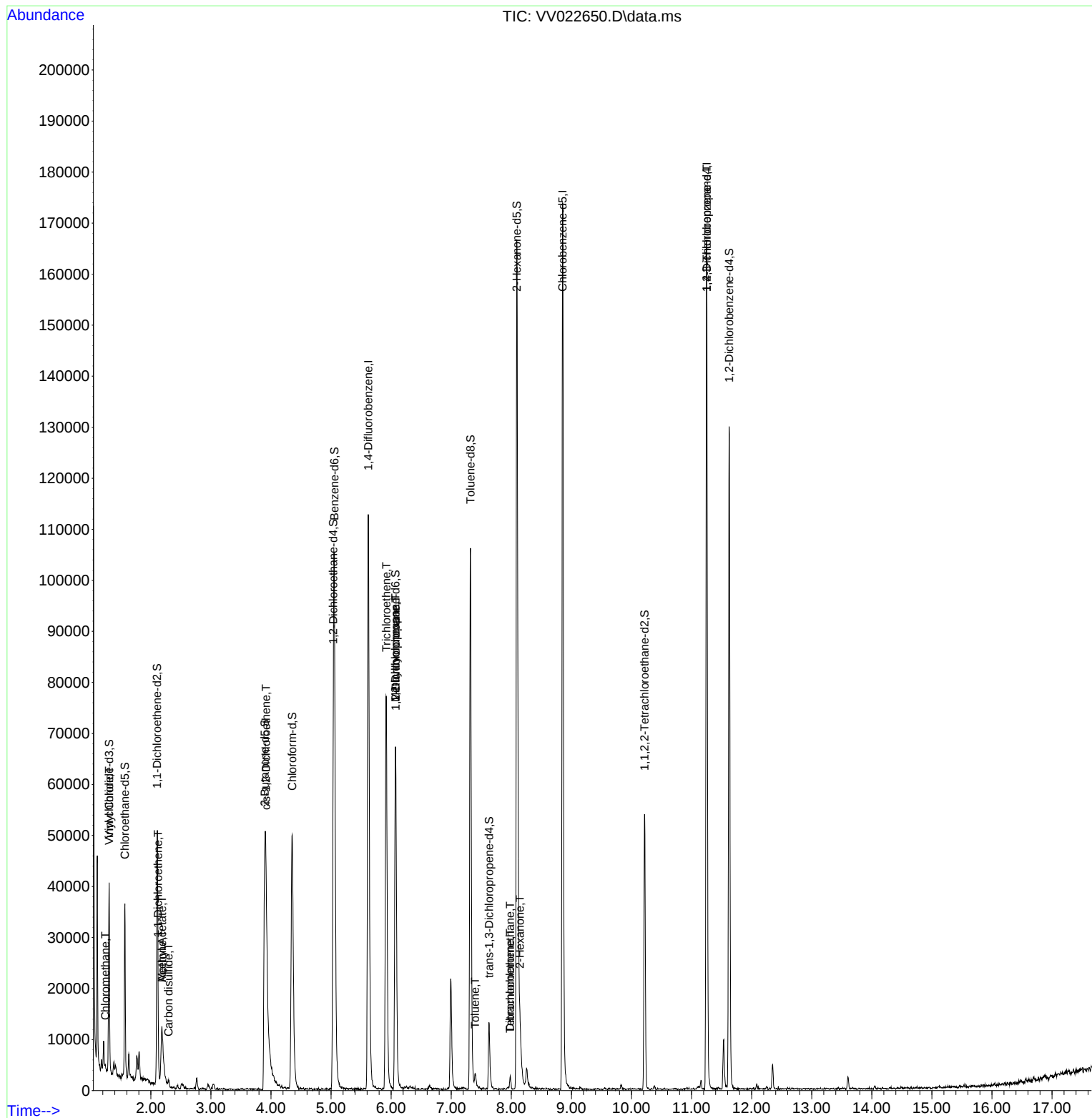
Target Compounds				Qvalue		
3) Chloromethane	1.243	50	451	0.058	ug/L	89
5) Vinyl chloride	1.307	62	814	0.103	ug/L #	56
12) 1,1-Dichloroethene	2.121	96	672	0.107	ug/L #	1
13) Acetone	2.185	43	21215	20.293	ug/L #	36
14) Carbon disulfide	2.294	76	1085	0.059	ug/L #	88
15) Methyl Acetate	2.185	43	20831	6.766	ug/L #	62
22) cis-1,2-Dichloroethene	3.915	96	9985	1.343	ug/L	94
34) Trichloroethene	5.918	95	25759	3.301	ug/L	98
35) Methylcyclohexane	6.072	83	8392	0.767	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	3956	0.604	ug/L #	84
42) Toluene	7.397	91	2326	0.082	ug/L	86
47) Tetrachloroethene	7.979	164	607	0.100	ug/L	87
48) 2-Hexanone	8.143	43	5869	2.261	ug/L #	91
49) Dibromochloromethane	7.982	129	514	0.089	ug/L #	12
61) 1,2,3-Trichloropropane	11.252	75	5327	1.565	ug/L #	64

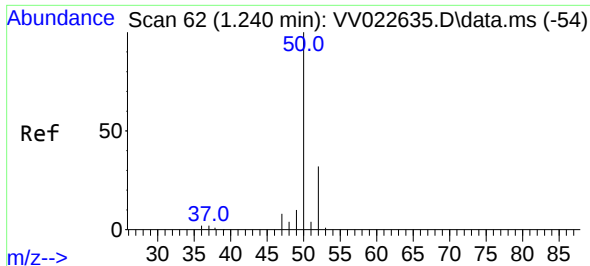
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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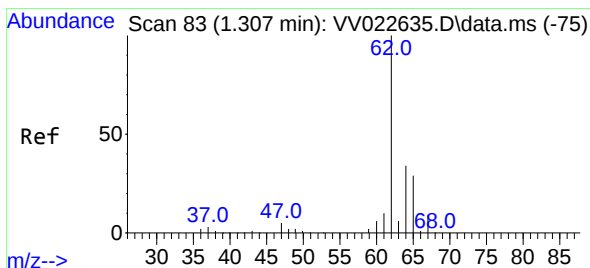
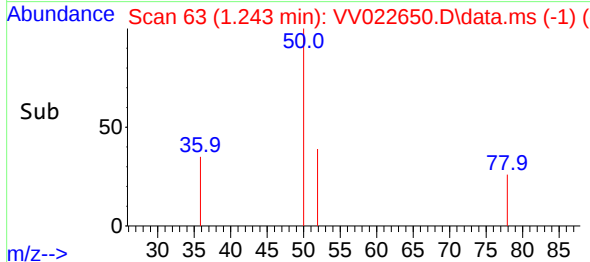
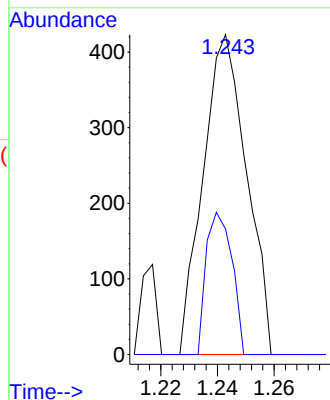
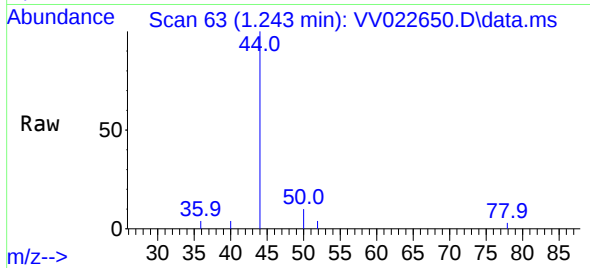




#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV022650.D
Acq: 07 Oct 2021 03:27

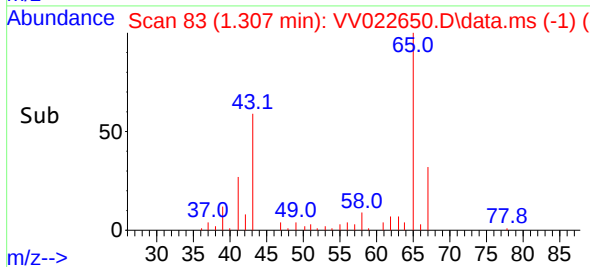
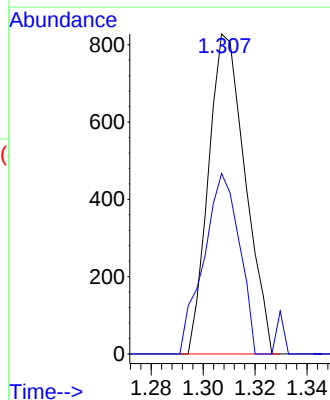
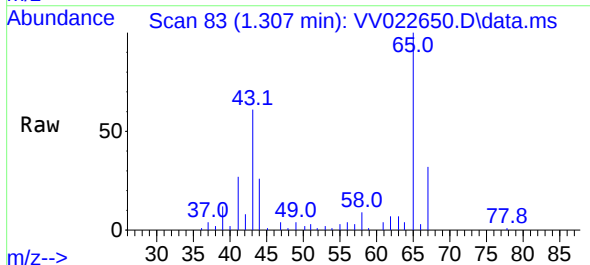
Instrument :
MSVOA_V
ClientSampled :

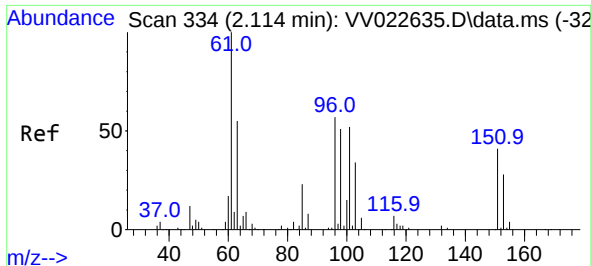
Tgt Ion: 50 Resp: 451
Ion Ratio Lower Upper
50 100
52 39.2 23.0 42.8



#5
Vinyl chloride
Concen: 0.103 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.000 min
Lab File: VV022650.D
Acq: 07 Oct 2021 03:27

Tgt Ion: 62 Resp: 814
Ion Ratio Lower Upper
62 100
64 56.4 22.3 41.5#

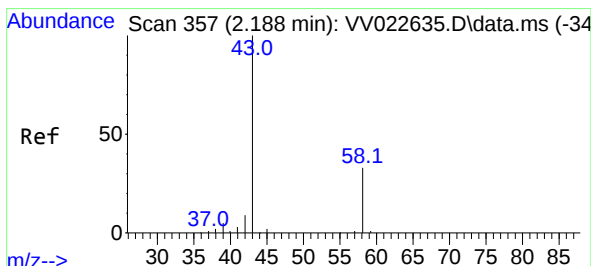
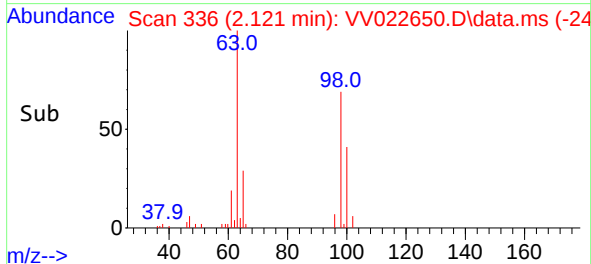
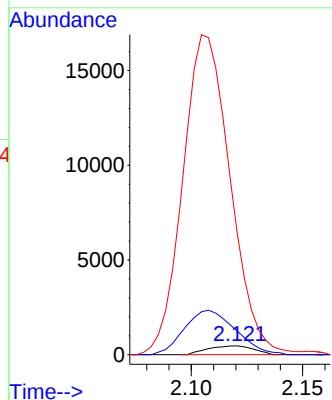
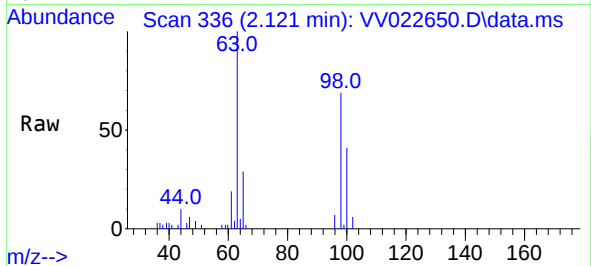




#12
1,1-Dichloroethene
Concen: 0.107 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.006 min
Lab File: VV022650.D
Acq: 07 Oct 2021 03:27

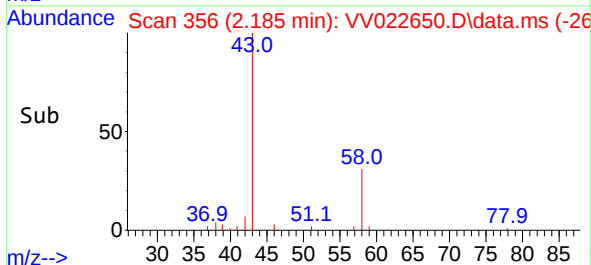
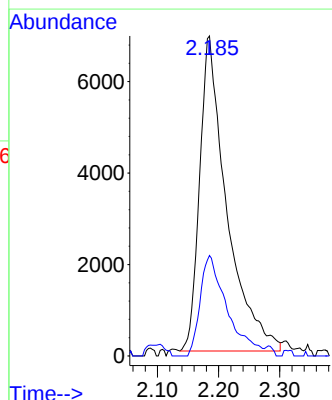
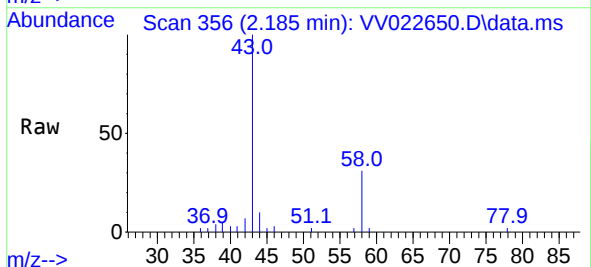
Instrument :
MSVOA_V
ClientSampled :

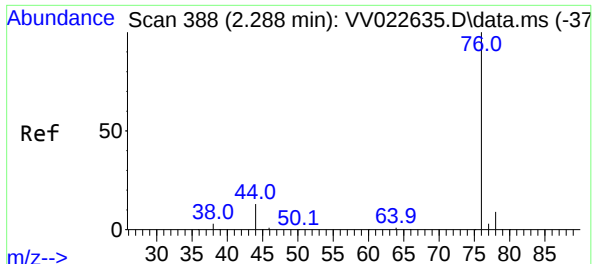
Tgt Ion: 96 Resp: 672
Ion Ratio Lower Upper
96 100
61 268.6 113.2 210.2#
63 1383.9 66.6 123.8#



#13
Acetone
Concen: 20.293 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.003 min
Lab File: VV022650.D
Acq: 07 Oct 2021 03:27

Tgt Ion: 43 Resp: 21215
Ion Ratio Lower Upper
43 100
58 31.7 0.0 17.6#

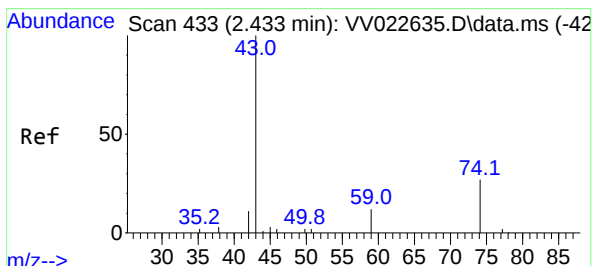
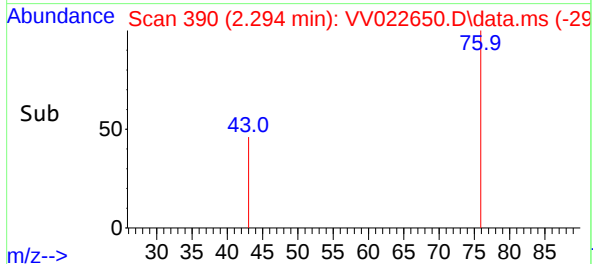
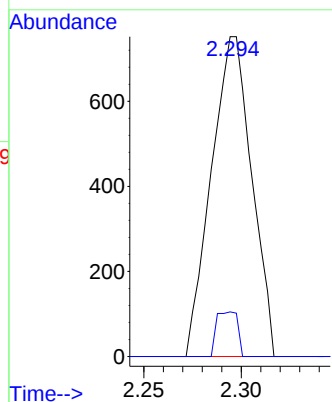
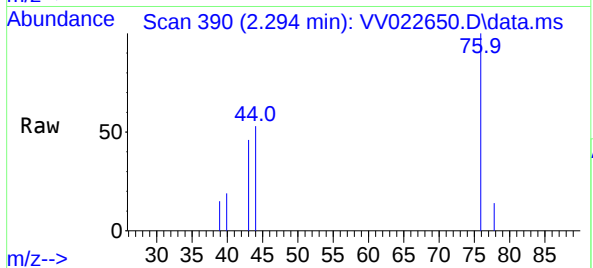




#14
Carbon disulfide
Concen: 0.059 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.006 min
Lab File: VV022650.D
Acq: 07 Oct 2021 03:27

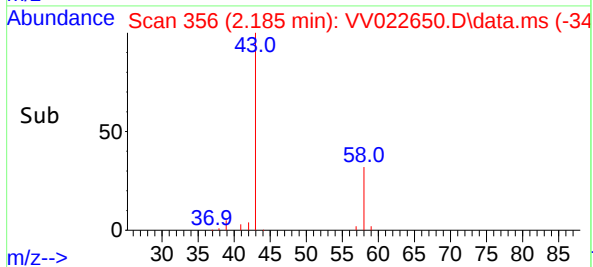
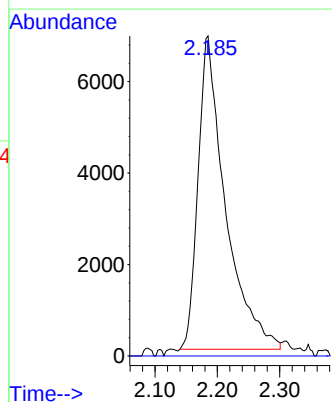
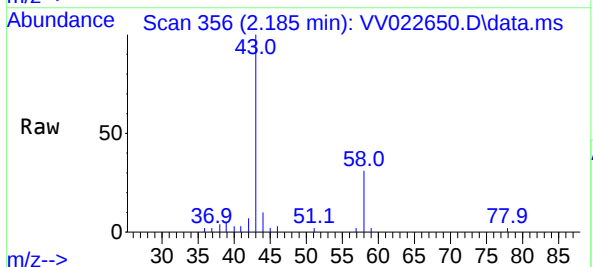
Instrument :
MSVOA_V
ClientSampleId :

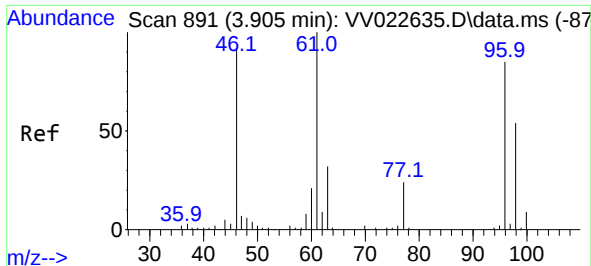
Tgt Ion: 76 Resp: 1085
Ion Ratio Lower Upper
76 100
78 14.0 7.8 11.6#



#15
Methyl Acetate
Concen: 6.766 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.248 min
Lab File: VV022650.D
Acq: 07 Oct 2021 03:27

Tgt Ion: 43 Resp: 20831
Ion Ratio Lower Upper
43 100
74 0.0 13.0 19.4#

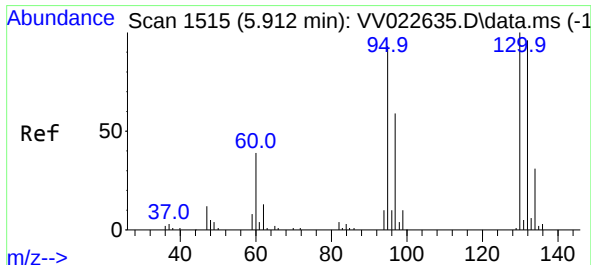
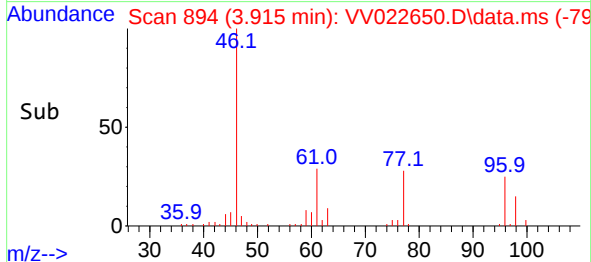
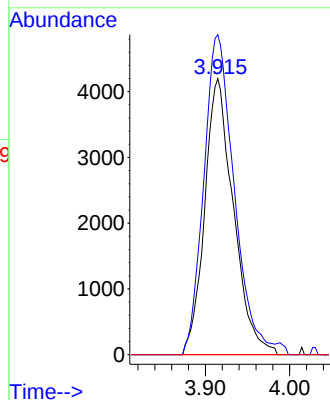
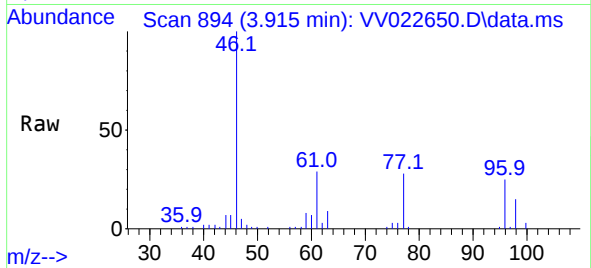




#22
cis-1,2-Dichloroethene
Concen: 1.343 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV022650.D
Acq: 07 Oct 2021 03:27

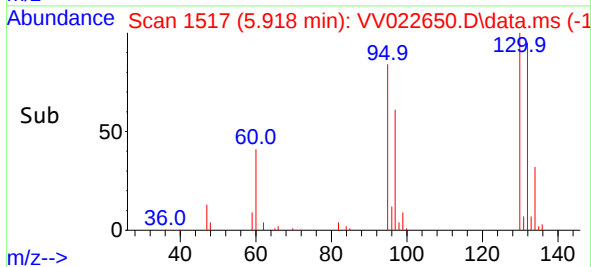
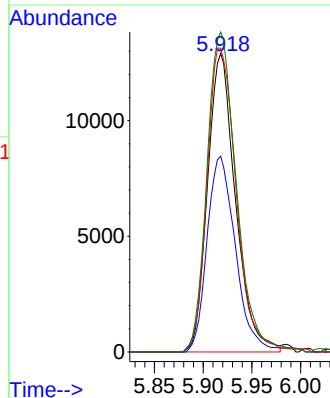
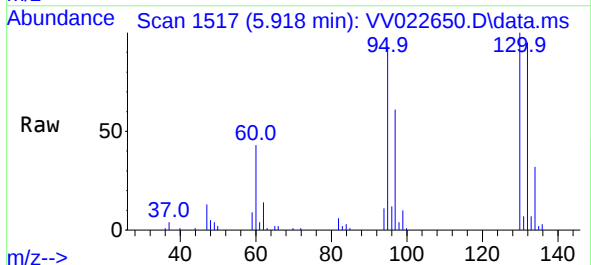
Instrument :
MSVOA_V
ClientSampled :

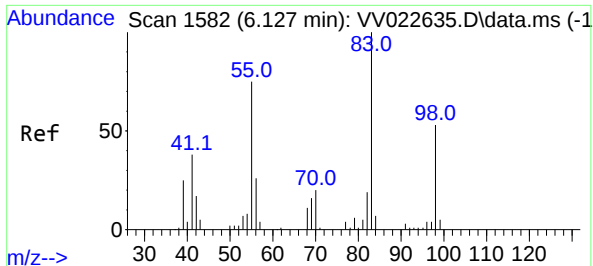
Tgt Ion: 96 Resp: 9985
Ion Ratio Lower Upper
96 100
61 116.0 85.6 159.0
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 3.301 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV022650.D
Acq: 07 Oct 2021 03:27

Tgt Ion: 95 Resp: 25759
Ion Ratio Lower Upper
95 100
97 65.6 46.5 86.5
132 101.7 73.0 135.6
130 107.2 76.1 141.3





#35

Methylcyclohexane

Concen: 0.767 ug/L

RT: 6.072 min Scan# 1565

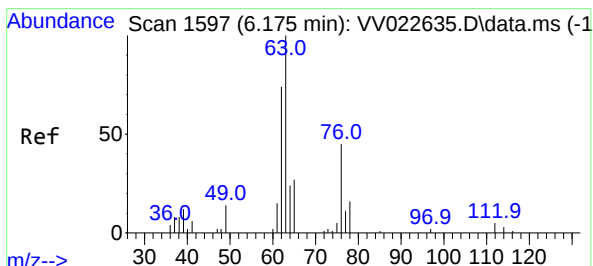
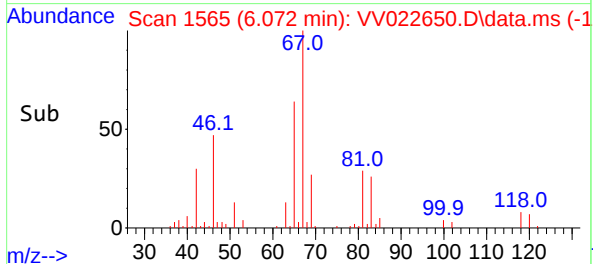
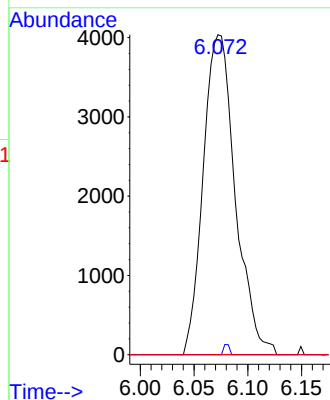
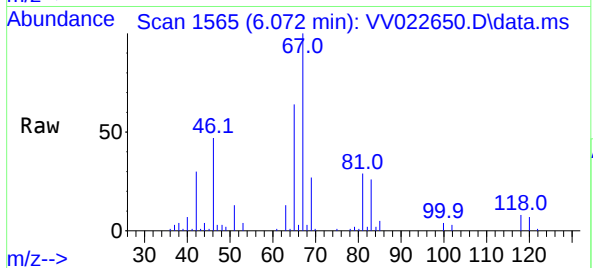
Delta R.T. -0.055 min

Lab File: VV022650.D

Acq: 07 Oct 2021 03:27

Tgt Ion:	83	Resp:	8392
Ion	Ratio	Lower	Upper
83	100		
55	0.6	57.8	86.8#
98	0.0	39.8	59.8#

Instrument :
MSVOA_V
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.604 ug/L

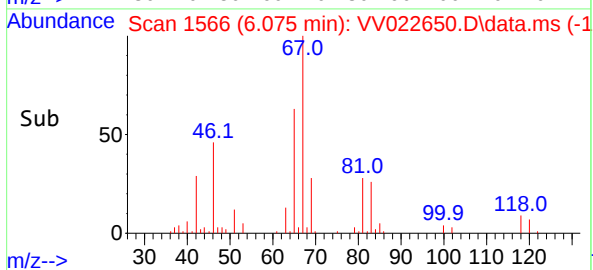
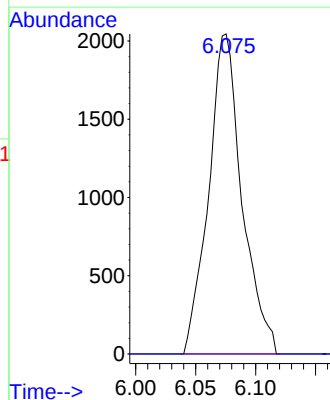
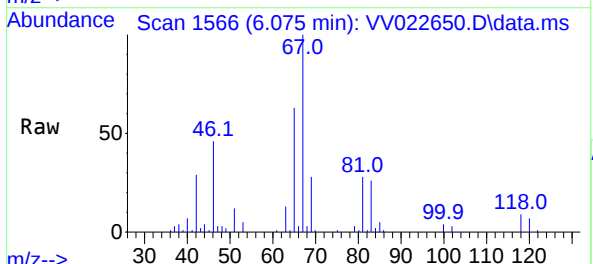
RT: 6.075 min Scan# 1566

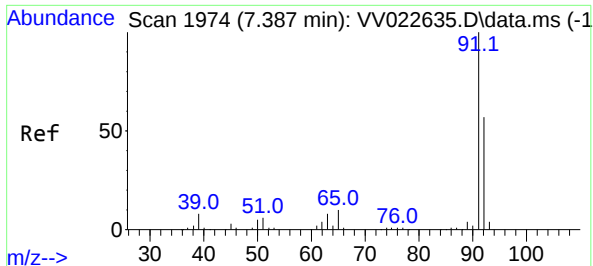
Delta R.T. -0.100 min

Lab File: VV022650.D

Acq: 07 Oct 2021 03:27

Tgt Ion:	63	Resp:	3956
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#

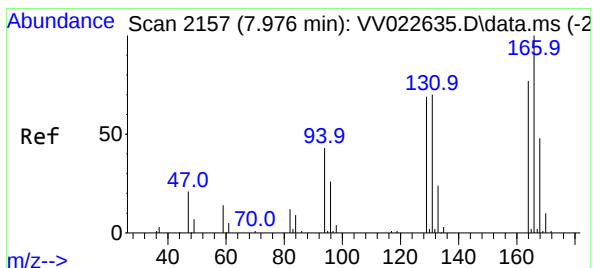
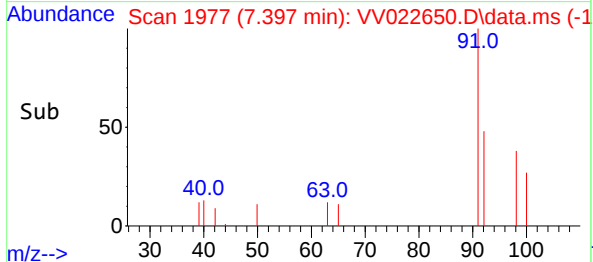
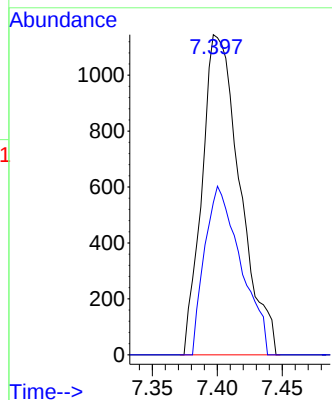
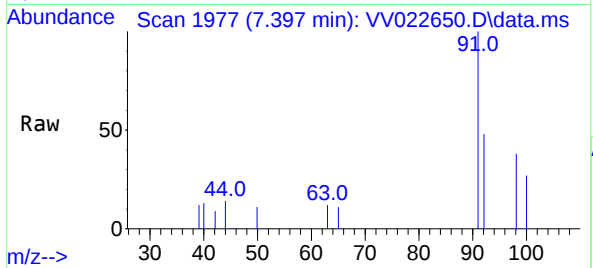




#42
Toluene
Concen: 0.082 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV022650.D
Acq: 07 Oct 2021 03:27

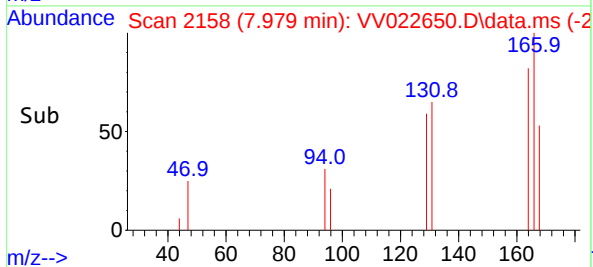
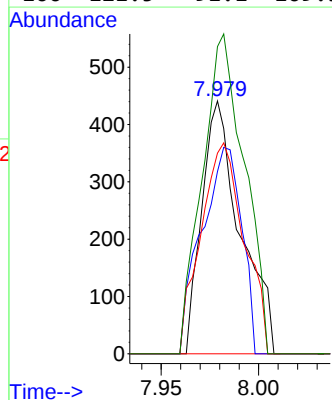
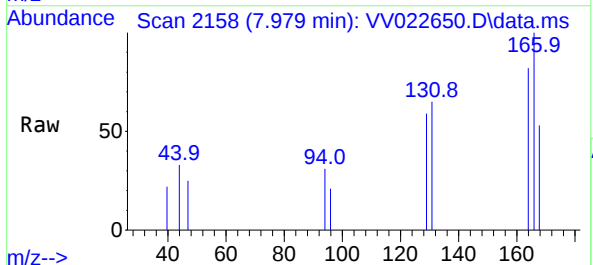
Instrument :
MSVOA_V
ClientSampled :

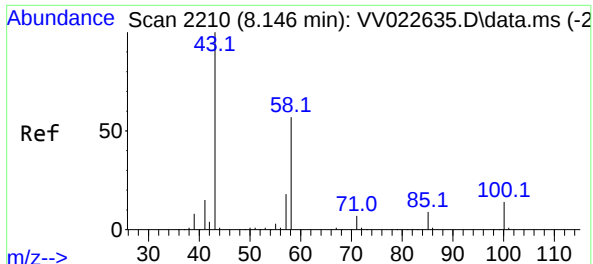
Tgt Ion: 91 Resp: 2326
Ion Ratio Lower Upper
91 100
92 47.5 40.5 75.3



#47
Tetrachloroethene
Concen: 0.100 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022650.D
Acq: 07 Oct 2021 03:27

Tgt Ion: 164 Resp: 607
Ion Ratio Lower Upper
164 100
129 72.1 65.5 121.6
131 79.4 62.4 116.0
166 121.5 91.1 169.3





#48

2-Hexanone

Concen: 2.261 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. -0.003 min

Lab File: VV022650.D

Acq: 07 Oct 2021 03:27

Tgt Ion: 43 Resp: 5869

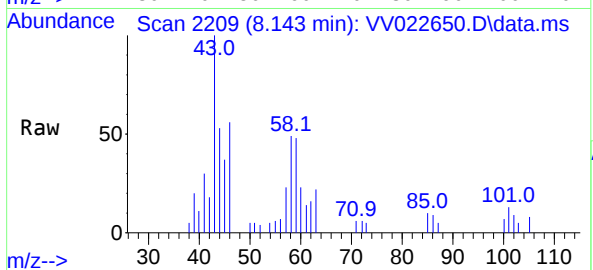
Ion Ratio Lower Upper

43 100

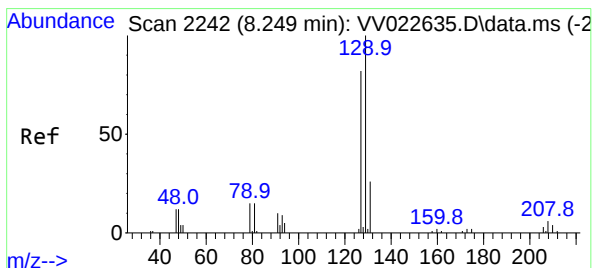
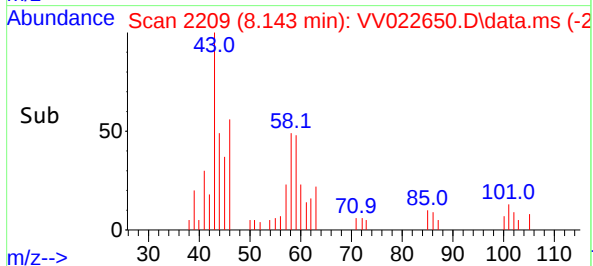
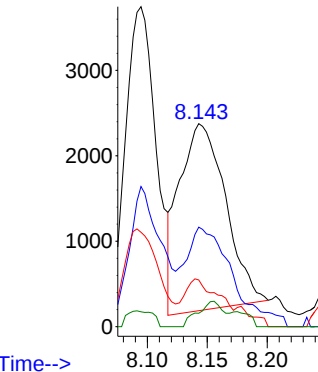
58 54.3 46.4 69.6

57 12.1 16.3 24.5#

100 7.7 11.0 16.6#



Abundance



#49

Dibromochloromethane

Concen: 0.089 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.267 min

Lab File: VV022650.D

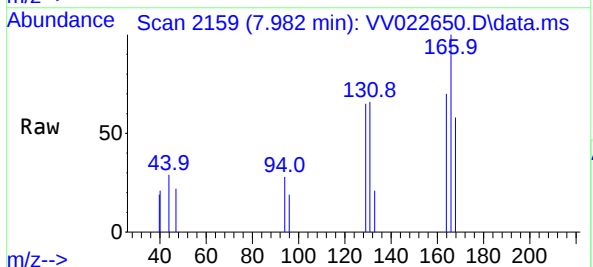
Acq: 07 Oct 2021 03:27

Tgt Ion: 129 Resp: 514

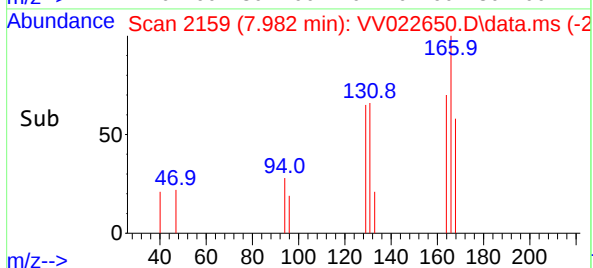
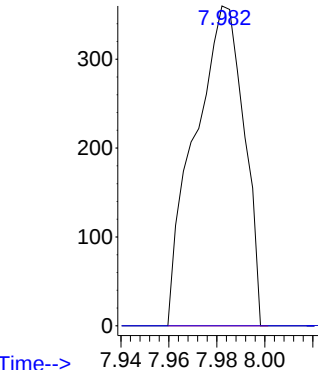
Ion Ratio Lower Upper

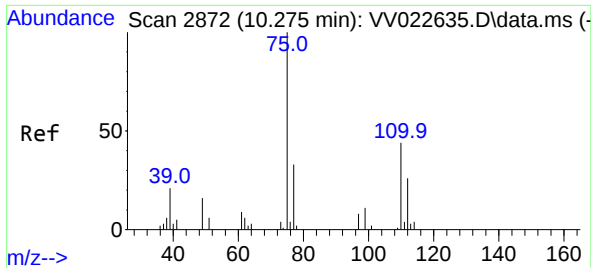
129 100

127 0.0 52.6 97.6#



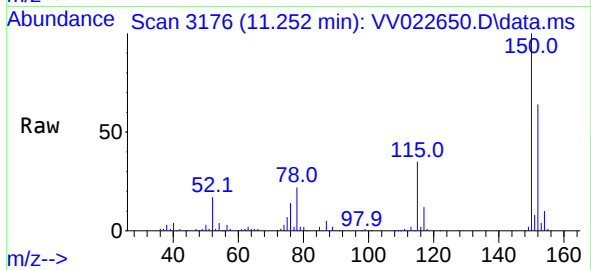
Abundance





#61
1,2,3-Trichloropropane
Concen: 1.565 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV022650.D
Acq: 07 Oct 2021 03:27

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 5327
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1
110 2.7 33.0 49.6#

