

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100621\
 Data File : VV022647.D
 Acq On : 07 Oct 2021 02:15
 Operator : SY/MD
 Sample : M4050-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 07:51:00 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)

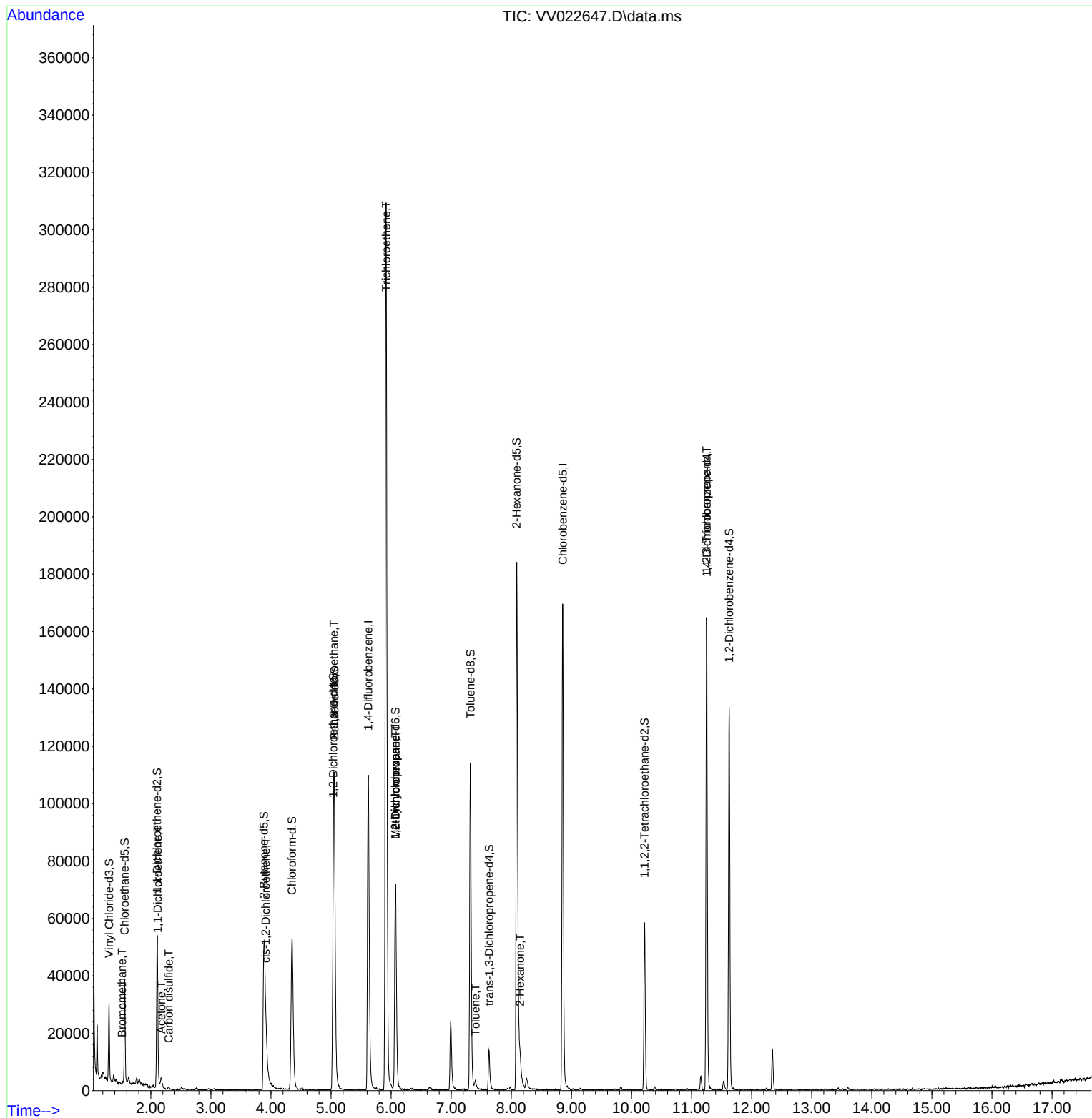
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	99924	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	99112	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	45620	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	12971	4.052	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.565	69	20389	4.725	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.105	63	27090	2.916	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.400%#
20) 2-Butanone-d5	3.883	46	91317	48.252	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.500%
24) Chloroform-d	4.349	84	55867	4.532	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.037	65	28516	4.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.053	84	99481	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.072	67	35547	4.511	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.320	98	77635	4.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	7.629	79	8000	3.836	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.088	63	57888	44.833	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26757	4.469	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	36718	5.203	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
6) Bromomethane	1.520	94	267	0.052	ug/L	91
12) 1,1-Dichloroethene	2.114	96	595	0.097	ug/L #	1
13) Acetone	2.176	43	4760	4.677	ug/L #	43
14) Carbon disulfide	2.298	76	950	0.053	ug/L #	65
22) cis-1,2-Dichloroethene	3.912	96	3468	0.479	ug/L	98
27) 1,2-Dichloroethane	5.047	62	618	0.089	ug/L #	74
34) Trichloroethene	5.915	95	106278	13.692	ug/L	98
35) Methylcyclohexane	6.072	83	8486	0.780	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	3941	0.604	ug/L #	84
42) Toluene	7.404	91	2512	0.090	ug/L	90
48) 2-Hexanone	8.146	43	7048	2.729	ug/L #	83
61) 1,2,3-Trichloropropane	11.249	75	4769	1.410	ug/L #	62

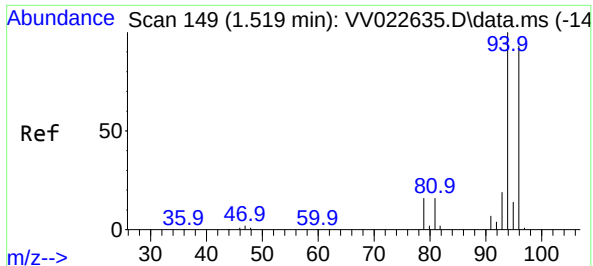
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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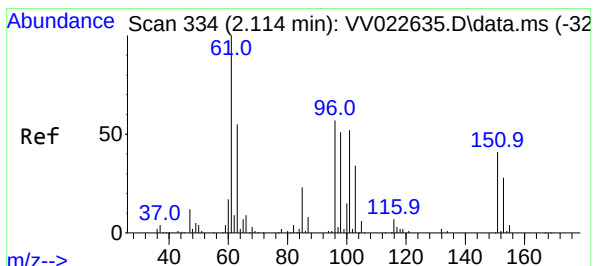
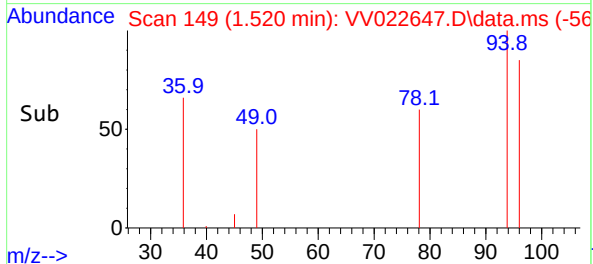
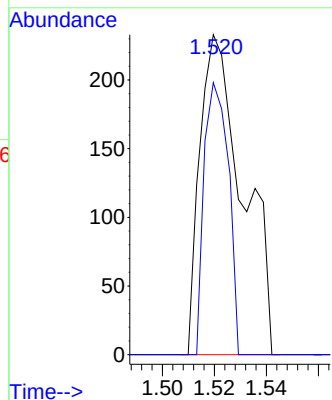
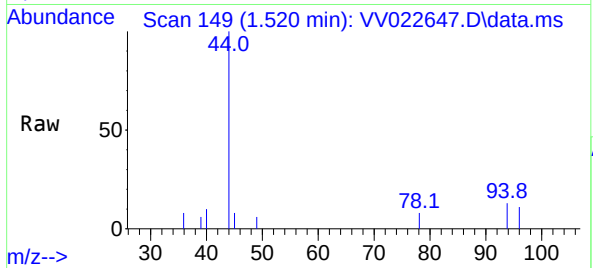




#6
Bromomethane
Concen: 0.052 ug/L
RT: 1.520 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV022647.D
Acq: 07 Oct 2021 02:15

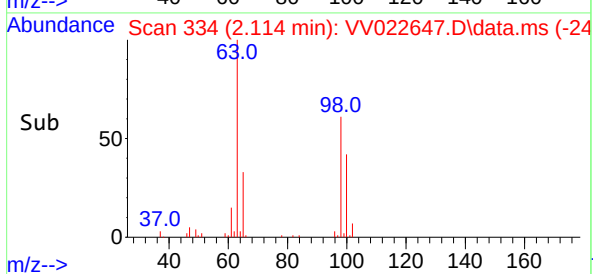
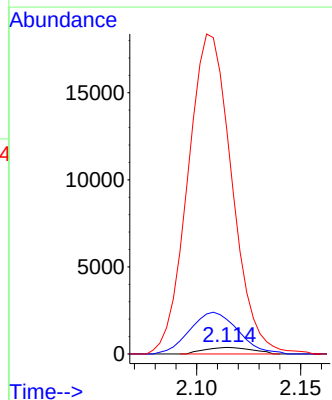
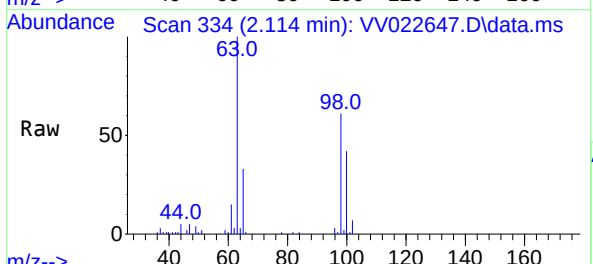
Instrument :
MSVOA_V
ClientSampled :

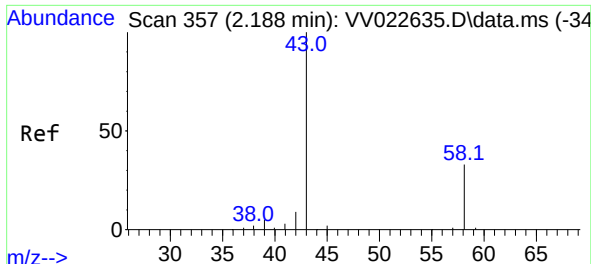
Tgt Ion: 94 Resp: 267
Ion Ratio Lower Upper
94 100
96 85.0 65.9 122.3



#12
1,1-Dichloroethene
Concen: 0.097 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022647.D
Acq: 07 Oct 2021 02:15

Tgt Ion: 96 Resp: 595
Ion Ratio Lower Upper
96 100
61 523.0 113.2 210.2#
63 3402.9 66.6 123.8#

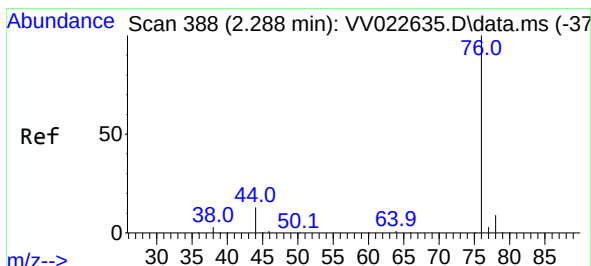
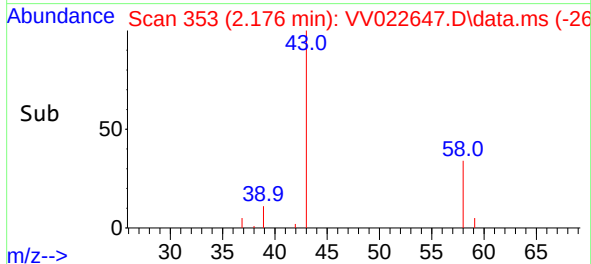
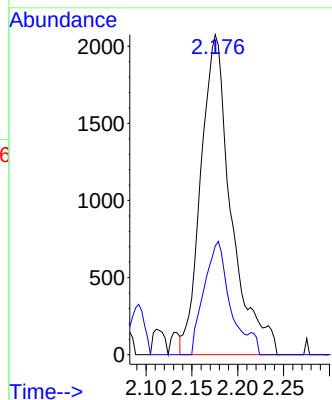
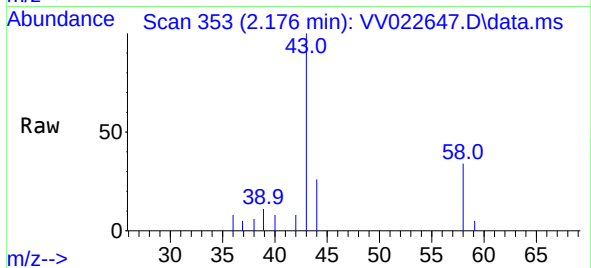




#13
Acetone
Concen: 4.677 ug/L
RT: 2.176 min Scan# 353
Delta R.T. -0.013 min
Lab File: VV022647.D
Acq: 07 Oct 2021 02:15

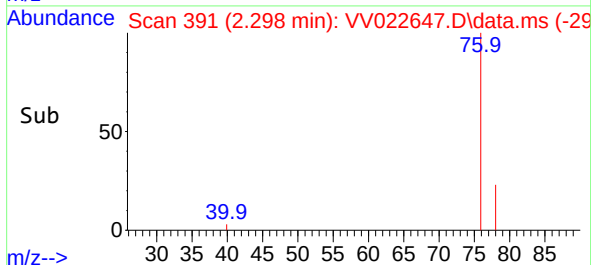
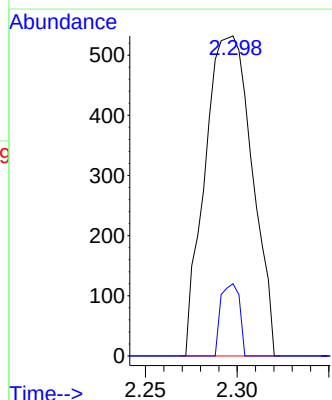
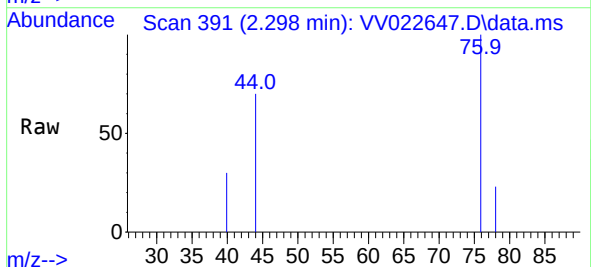
Instrument :
MSVOA_V
ClientSampleId :

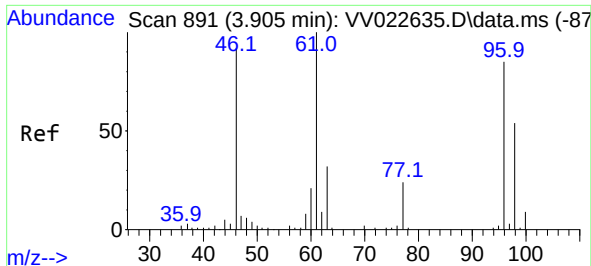
Tgt Ion: 43 Resp: 4760
Ion Ratio Lower Upper
43 100
58 29.4 0.0 17.6#



#14
Carbon disulfide
Concen: 0.053 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.010 min
Lab File: VV022647.D
Acq: 07 Oct 2021 02:15

Tgt Ion: 76 Resp: 950
Ion Ratio Lower Upper
76 100
78 22.6 7.8 11.6#

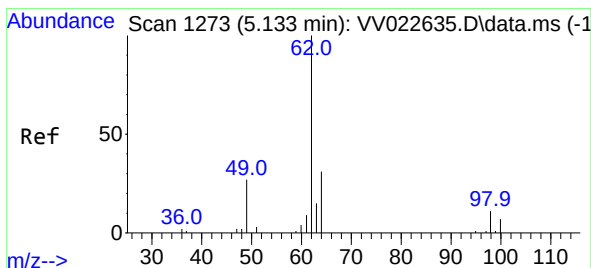
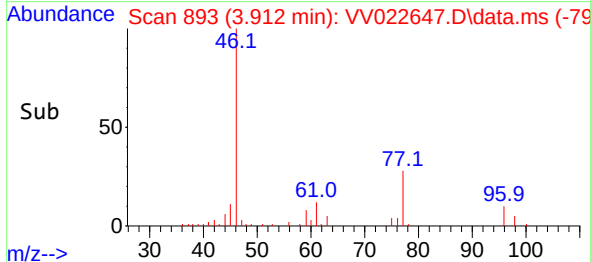
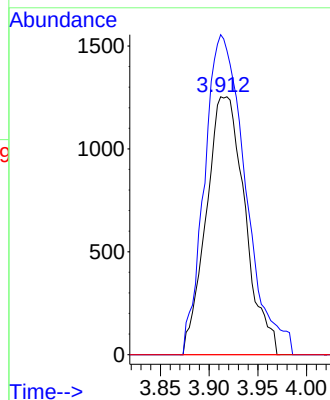
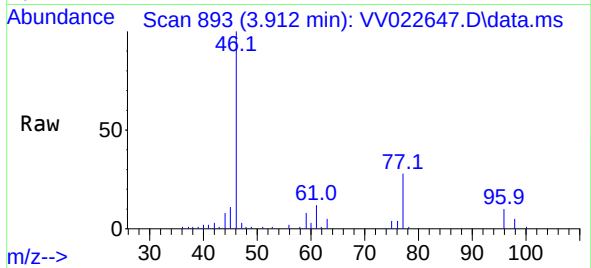




#22
 cis-1,2-Dichloroethene
 Concen: 0.479 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.007 min
 Lab File: VV022647.D
 Acq: 07 Oct 2021 02:15

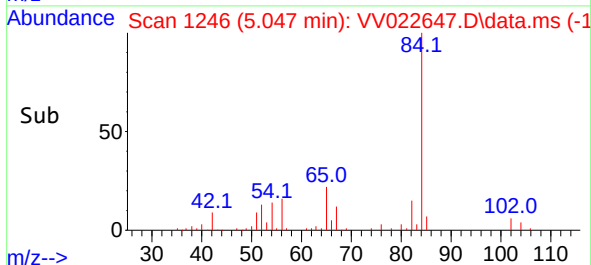
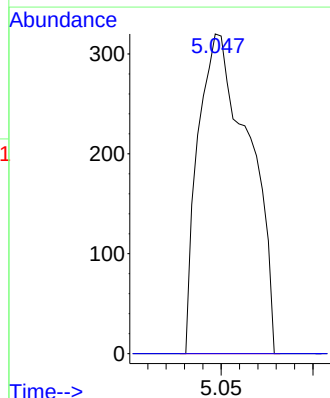
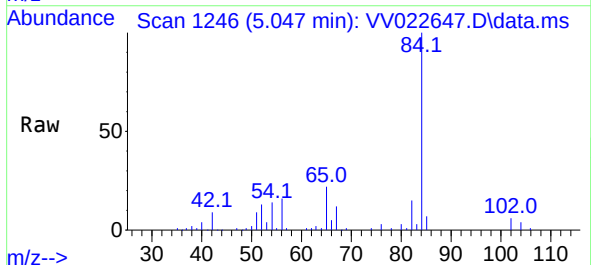
Instrument :
 MSVOA_V
 ClientSampleId :

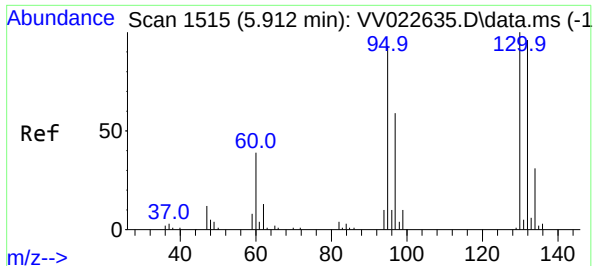
Tgt Ion: 96 Resp: 3468
 Ion Ratio Lower Upper
 96 100
 61 124.1 85.6 159.0
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.089 ug/L
 RT: 5.047 min Scan# 1246
 Delta R.T. -0.087 min
 Lab File: VV022647.D
 Acq: 07 Oct 2021 02:15

Tgt Ion: 62 Resp: 618
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.4 11.2#





#34

Trichloroethene

Concen: 13.692 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV022647.D

Acq: 07 Oct 2021 02:15

Tgt Ion: 95 Resp: 106278

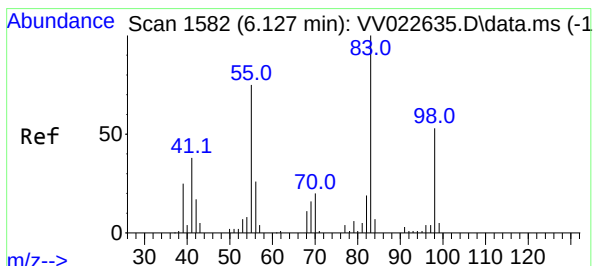
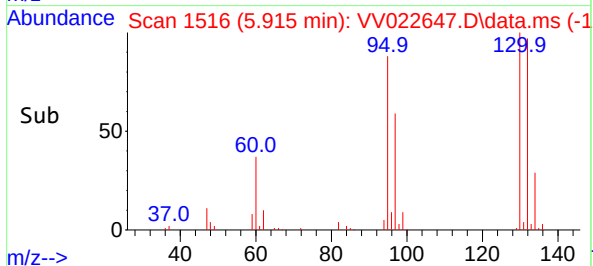
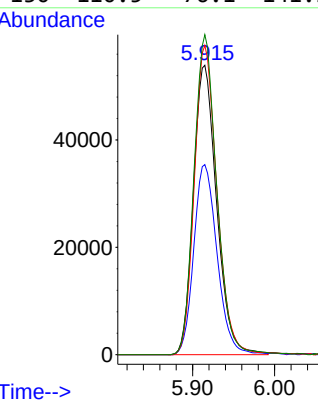
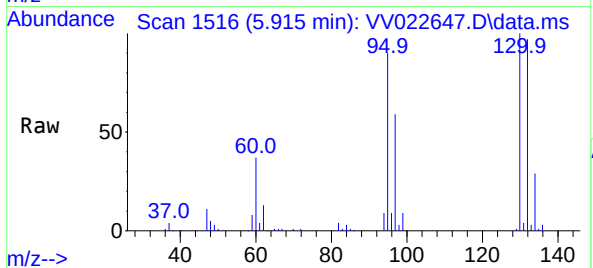
Ion Ratio Lower Upper

95 100

97 65.7 46.5 86.5

132 106.9 73.0 135.6

130 110.5 76.1 141.3



#35

Methylcyclohexane

Concen: 0.780 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV022647.D

Acq: 07 Oct 2021 02:15

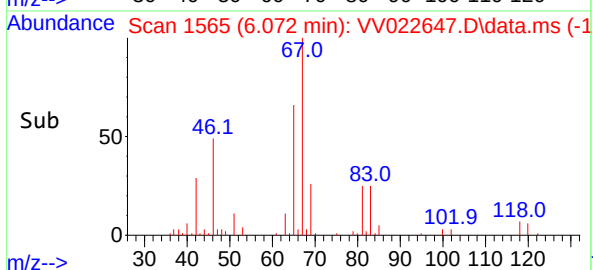
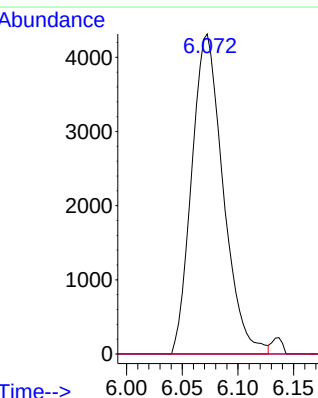
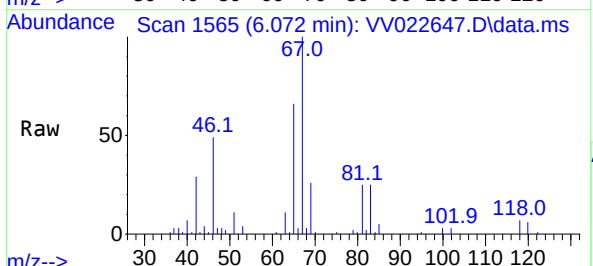
Tgt Ion: 83 Resp: 8486

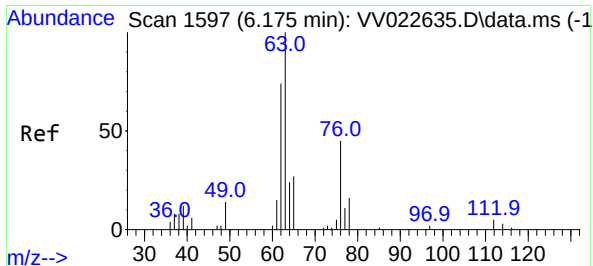
Ion Ratio Lower Upper

83 100

55 0.2 57.8 86.8#

98 2.4 39.8 59.8#

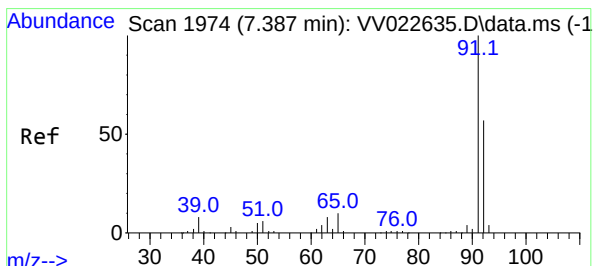
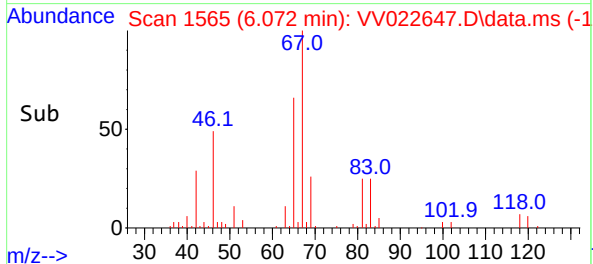
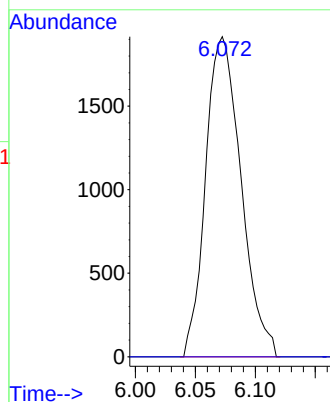
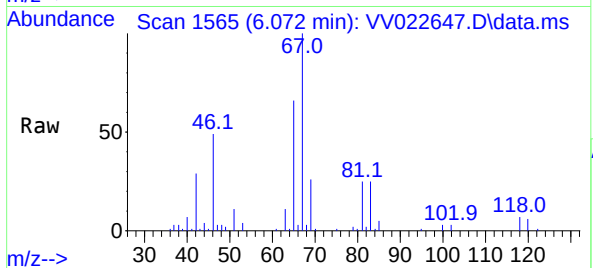




#37
1,2-Dichloropropane
Concen: 0.604 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV022647.D
Acq: 07 Oct 2021 02:15

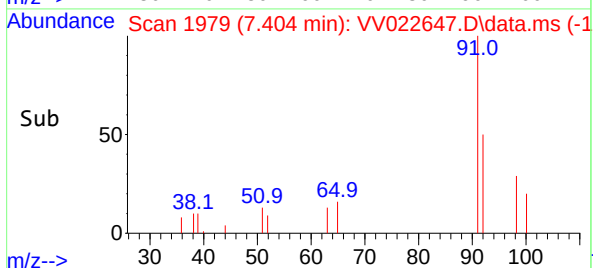
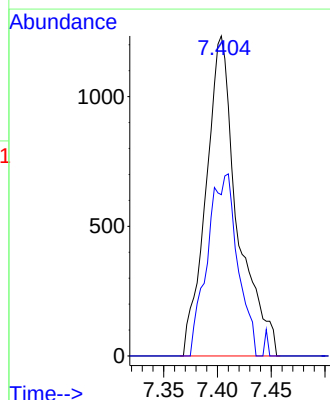
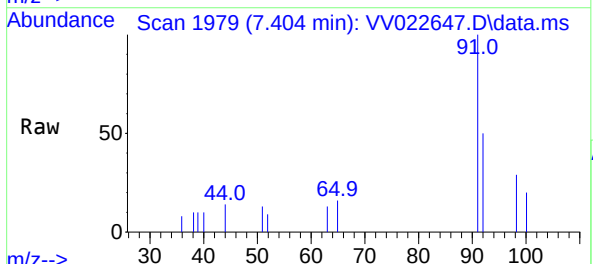
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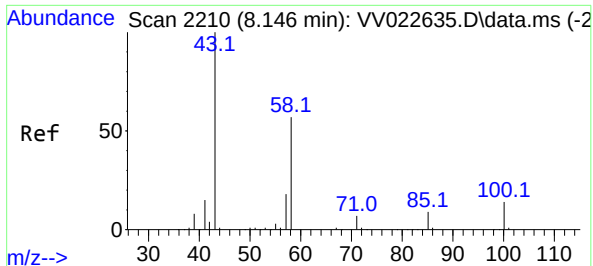
Tgt Ion: 63 Resp: 3941
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#



#42
Toluene
Concen: 0.090 ug/L
RT: 7.404 min Scan# 1979
Delta R.T. 0.016 min
Lab File: VV022647.D
Acq: 07 Oct 2021 02:15

Tgt Ion: 91 Resp: 2512
Ion Ratio Lower Upper
91 100
92 50.4 40.5 75.3



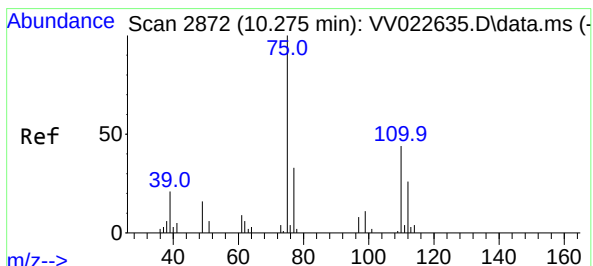
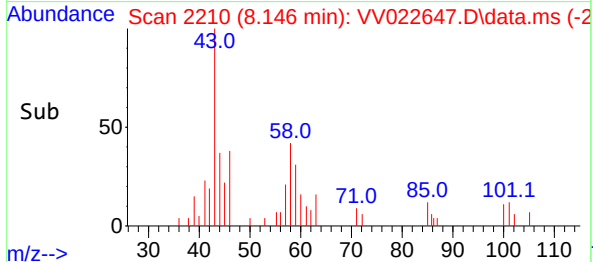
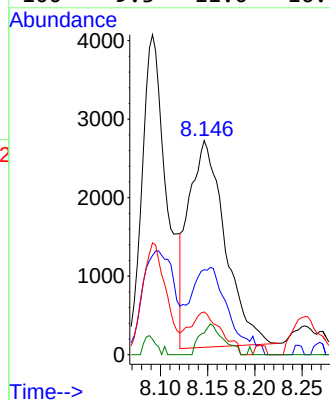
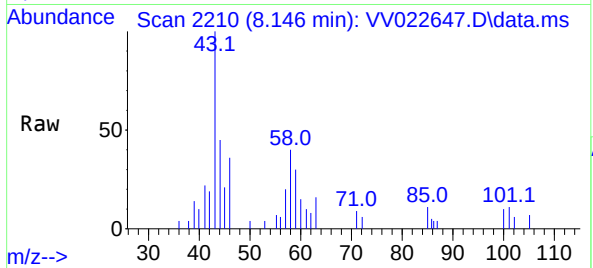


#48
2-Hexanone
Concen: 2.729 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VV022647.D
Acq: 07 Oct 2021 02:15

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 7048

Ion	Ratio	Lower	Upper
43	100		
58	41.2	46.4	69.6#
57	18.2	16.3	24.5
100	9.3	11.0	16.6#



#61
1,2,3-Trichloropropane
Concen: 1.410 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022647.D
Acq: 07 Oct 2021 02:15

Tgt Ion: 75 Resp: 4769

Ion	Ratio	Lower	Upper
75	100		
77	30.6	26.1	39.1
110	0.8	33.0	49.6#

