

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102321\
 Data File : VV023016.D
 Acq On : 23 Oct 2021 17:47
 Operator : SY/MD
 Sample : M4277-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 25 01:08:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	93061	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	95094	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	37382	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	43197	5.312	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.200%
7) Chloroethane-d5	1.561	69	23379	4.648	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.105	63	48826	4.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	3.879	46	101768	78.015	ug/L	-0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	156.020%#
24) Chloroform-d	4.349	84	76117	5.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.200%
26) 1,2-Dichloroethane-d4	5.034	65	37543	6.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.400%
32) Benzene-d6	5.050	84	144971	5.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	6.072	67	46937	5.492	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.800%
41) Toluene-d8	7.320	98	115635	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.625	79	14972	5.000	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.091	63	69683	62.854	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.700%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35961	6.094	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.800%#
66) 1,2-Dichlorobenzene-d4	11.625	152	41849	6.274	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.400%#

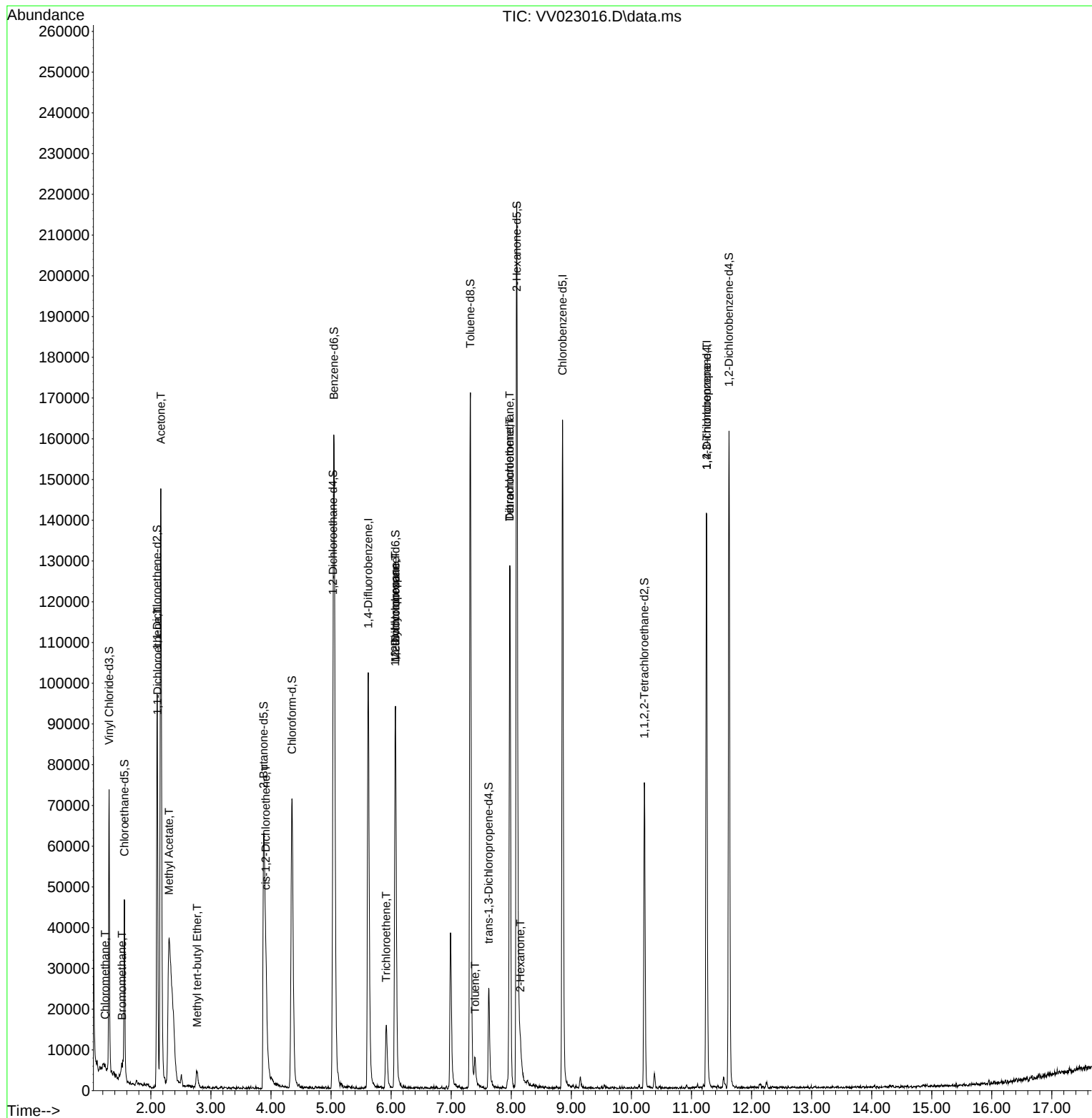
Target Compounds				Qvalue		
3) Chloromethane	1.236	50	395	0.062	ug/L #	58
6) Bromomethane	1.519	94	143	0.043	ug/L #	70
12) 1,1-Dichloroethene	2.111	96	476	0.100	ug/L #	1
13) Acetone	2.166	43	161023	251.600	ug/L	92
15) Methyl Acetate	2.301	43	24669	10.133	ug/L #	47
17) Methyl tert-butyl Ether	2.770	73	3201	0.281	ug/L #	83
22) cis-1,2-Dichloroethene	3.912	96	9500	1.647	ug/L #	95
34) Trichloroethene	5.918	95	5187	0.807	ug/L	94
35) Methylcyclohexane	6.072	83	11571	1.257	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5165	0.801	ug/L #	83
42) Toluene	7.400	91	5693	0.220	ug/L	94
47) Tetrachloroethene	7.976	164	29487	5.429	ug/L	97
48) 2-Hexanone	8.153	43	5697	2.527	ug/L #	88
49) Dibromochloromethane	7.976	129	24715	4.603	ug/L #	10
61) 1,2,3-Trichloropropane	11.252	75	4374	1.662	ug/L #	66

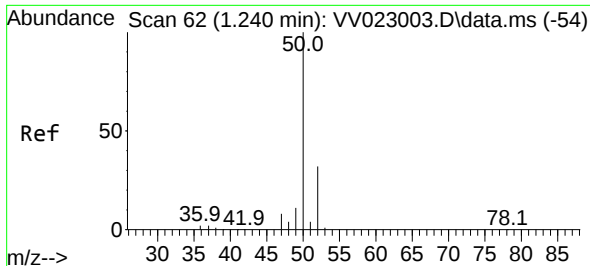
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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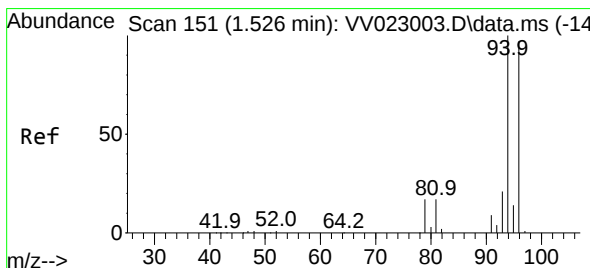
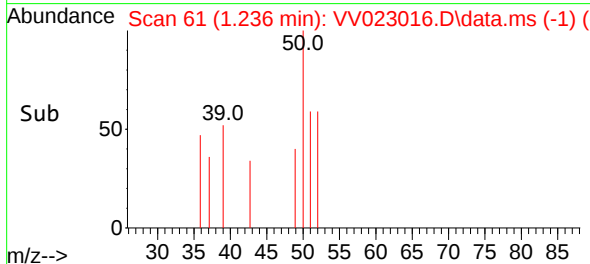
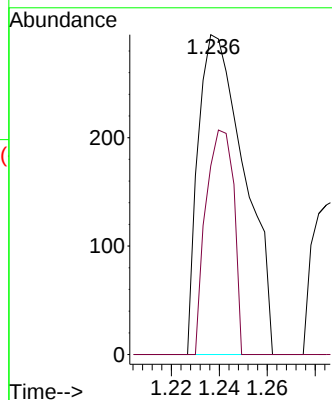
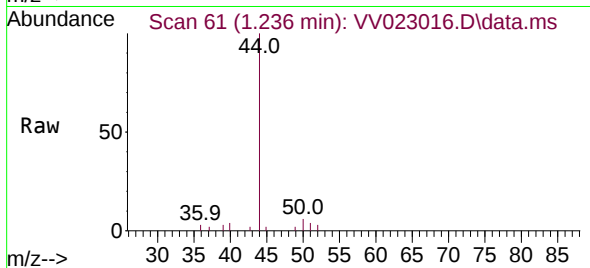




#3
Chloromethane
Concen: 0.062 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV023016.D
Acq: 23 Oct 2021 17:47

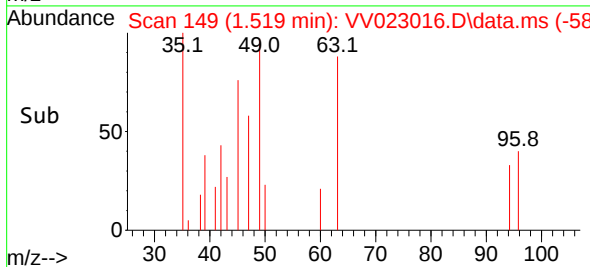
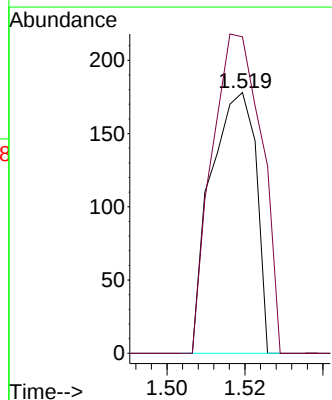
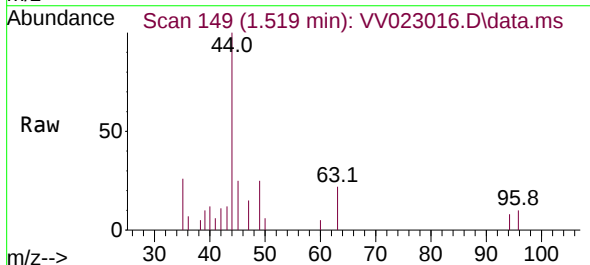
Instrument :
MSVOA_V
ClientSampleId :

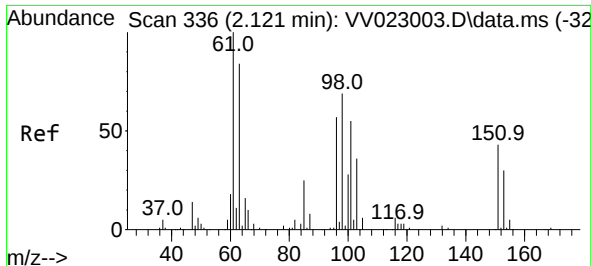
Tgt Ion: 50 Resp: 395
Ion Ratio Lower Upper
50 100
52 59.0 24.3 45.1#



#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.519 min Scan# 149
Delta R.T. -0.006 min
Lab File: VV023016.D
Acq: 23 Oct 2021 17:47

Tgt Ion: 94 Resp: 143
Ion Ratio Lower Upper
94 100
96 121.3 65.0 120.8#

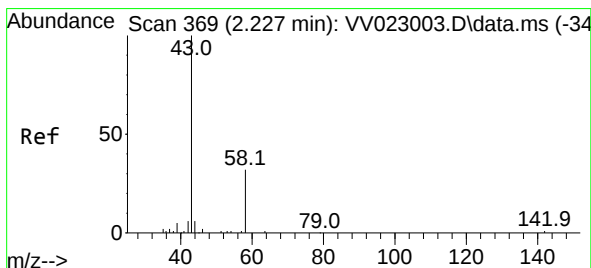
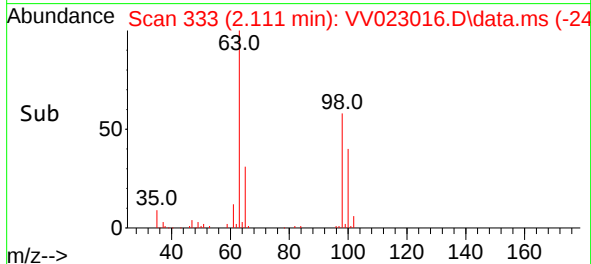
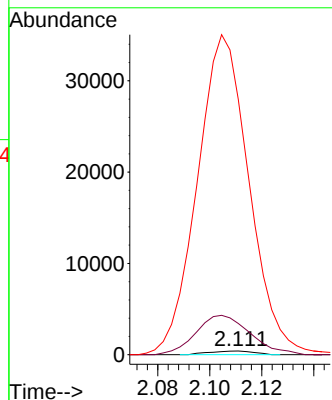
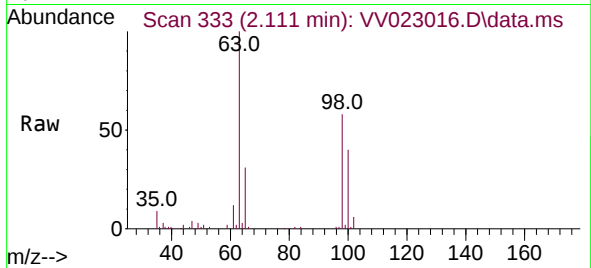




#12
1,1-Dichloroethene
Concen: 0.100 ug/L
RT: 2.111 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV023016.D
Acq: 23 Oct 2021 17:47

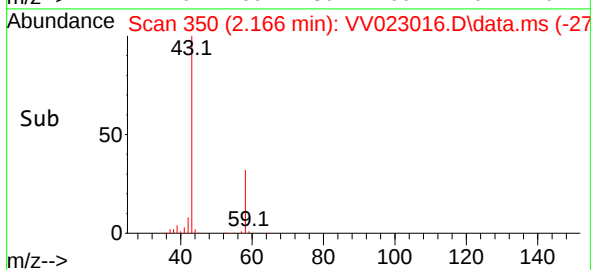
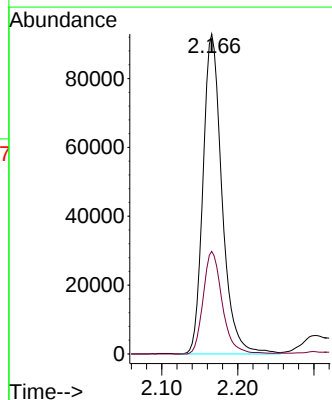
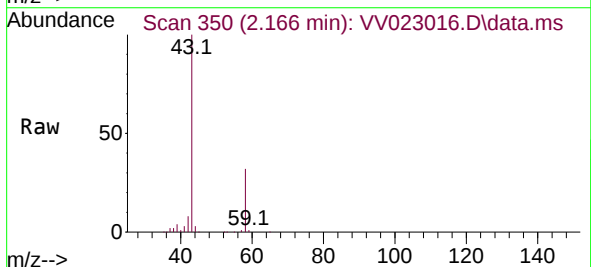
Instrument :
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ClientSampleId :

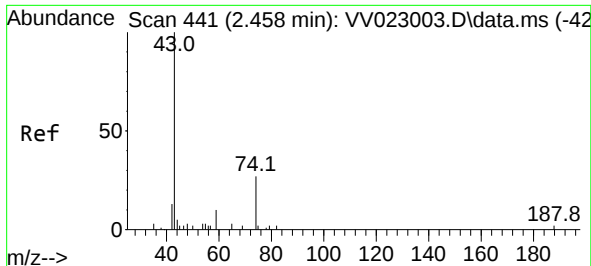
Tgt Ion: 96 Resp: 476
Ion Ratio Lower Upper
96 100
61 862.7 121.5 225.7#
63 7046.9 99.6 185.0#



#13
Acetone
Concen: 251.600 ug/L
RT: 2.166 min Scan# 350
Delta R.T. -0.061 min
Lab File: VV023016.D
Acq: 23 Oct 2021 17:47

Tgt Ion: 43 Resp: 161023
Ion Ratio Lower Upper
43 100
58 32.1 0.0 55.4

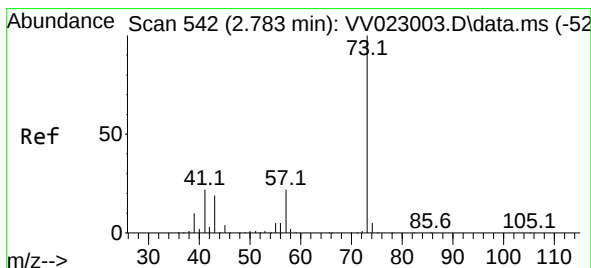
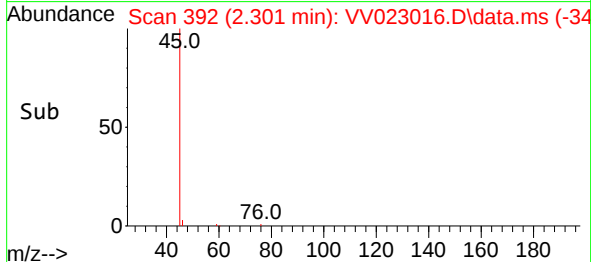
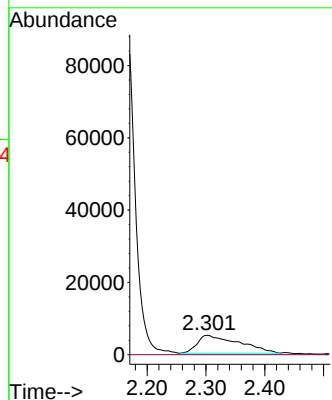
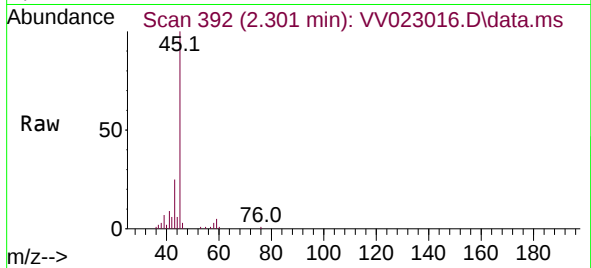




#15
Methyl Acetate
Concen: 10.133 ug/L
RT: 2.301 min Scan# 341
Delta R.T. -0.158 min
Lab File: VV023016.D
Acq: 23 Oct 2021 17:47

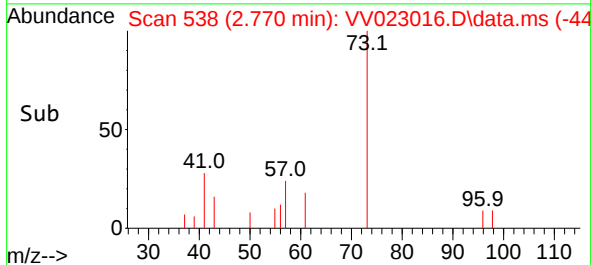
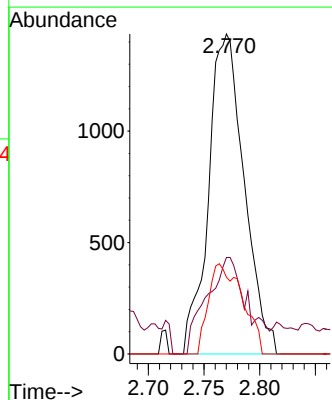
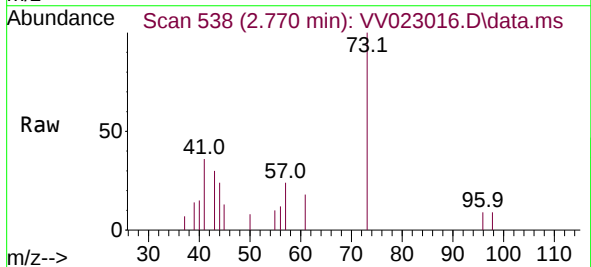
Instrument :
MSVOA_V
ClientSampleId :

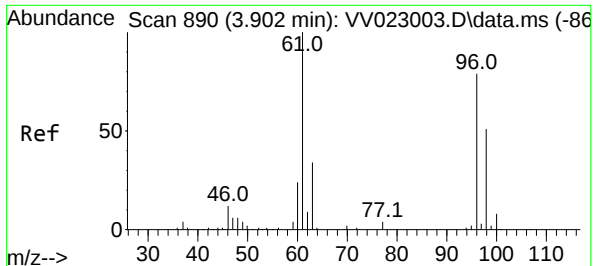
Tgt Ion: 43 Resp: 24669
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#17
Methyl tert-butyl Ether
Concen: 0.281 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.013 min
Lab File: VV023016.D
Acq: 23 Oct 2021 17:47

Tgt Ion: 73 Resp: 3201
Ion Ratio Lower Upper
73 100
43 31.2 17.4 26.0#
57 26.9 16.5 24.7#





#22

cis-1,2-Dichloroethene

Concen: 1.647 ug/L

RT: 3.912 min Scan# 890

Delta R.T. 0.010 min

Lab File: VV023016.D

Acq: 23 Oct 2021 17:47

Instrument :

MSVOA_V

ClientSampleId :

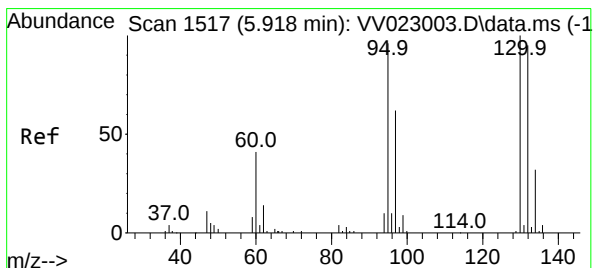
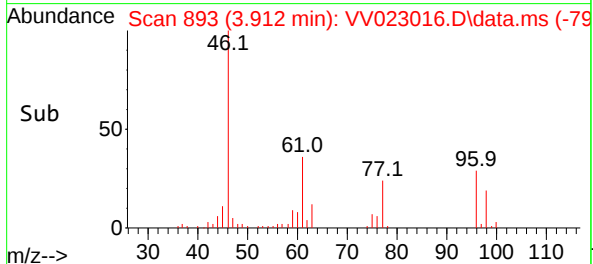
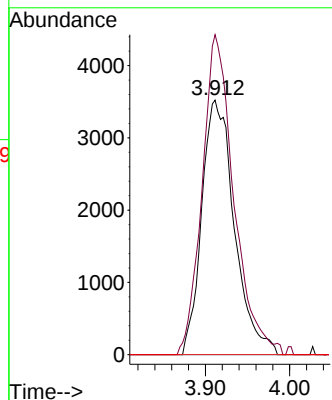
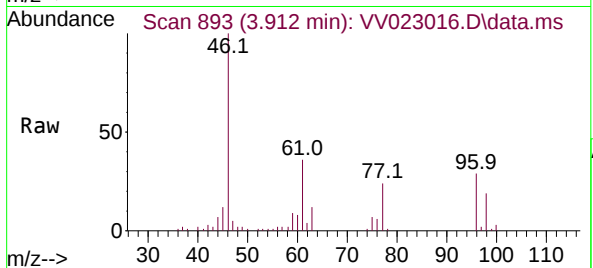
Tgt Ion: 96 Resp: 9500

Ion Ratio Lower Upper

96 100

61 125.7 92.3 171.3

68 0.0 0.4 0.8#



#34

Trichloroethene

Concen: 0.807 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VV023016.D

Acq: 23 Oct 2021 17:47

Tgt Ion: 95 Resp: 5187

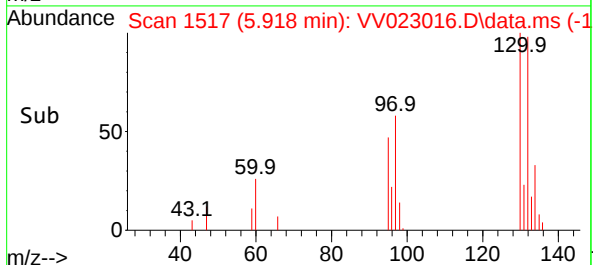
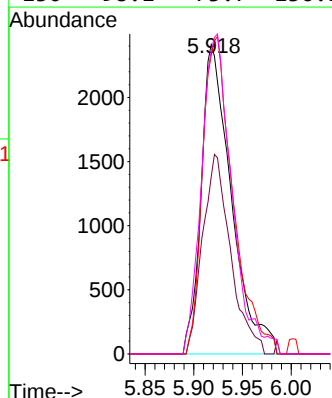
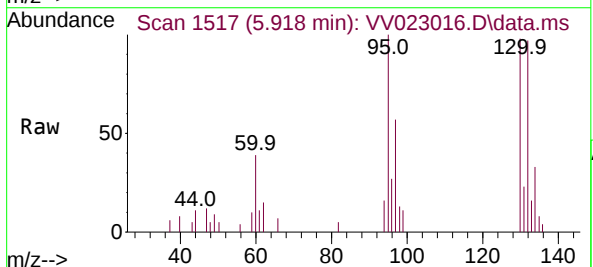
Ion Ratio Lower Upper

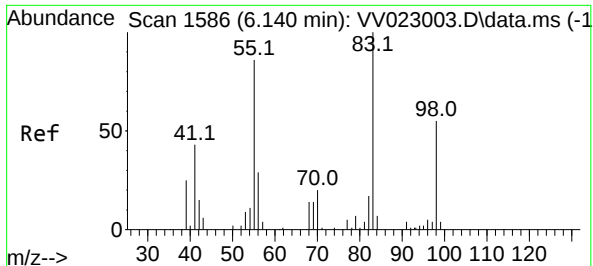
95 100

97 57.3 45.0 83.6

132 96.6 69.7 129.4

130 98.1 73.7 136.9

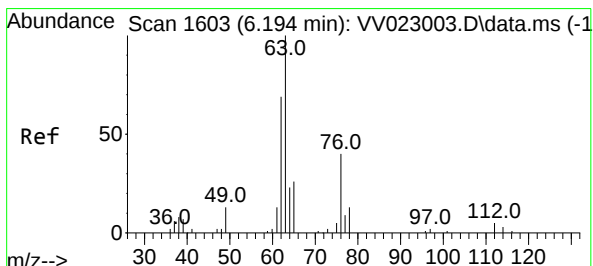
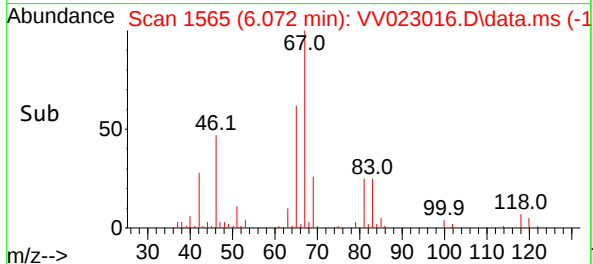
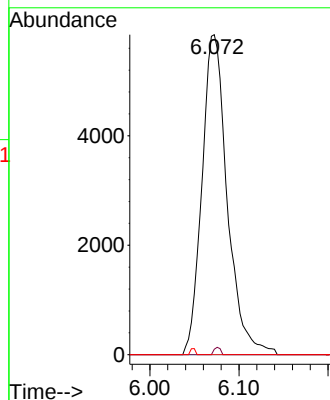
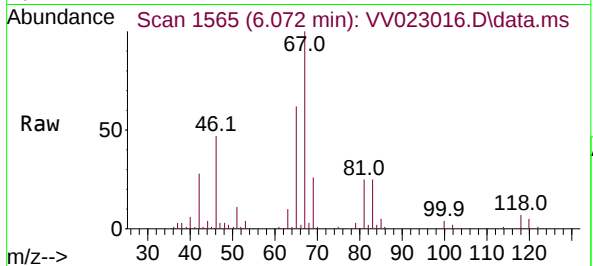




#35
Methylcyclohexane
Concen: 1.257 ug/L
RT: 6.072 min Scan# 11571
Delta R.T. -0.067 min
Lab File: VV023016.D
Acq: 23 Oct 2021 17:47

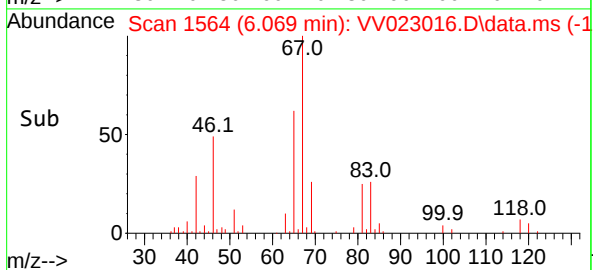
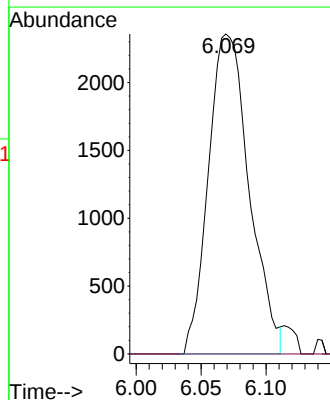
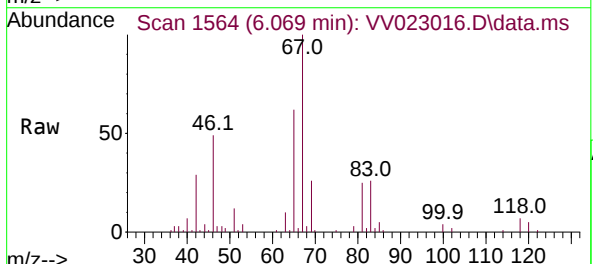
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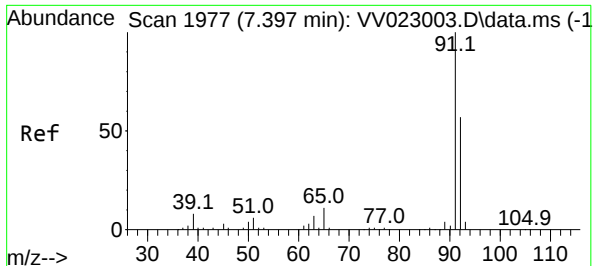
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.6	62.8	94.2#
98	0.4	37.9	56.9#



#37
1,2-Dichloropropane
Concen: 0.801 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.125 min
Lab File: VV023016.D
Acq: 23 Oct 2021 17:47

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.6	6.8#





#42

Toluene

Concen: 0.220 ug/L

RT: 7.400 min Scan# 1977

Delta R.T. 0.003 min

Lab File: VV023016.D

Acq: 23 Oct 2021 17:47

Instrument :

MSVOA_V

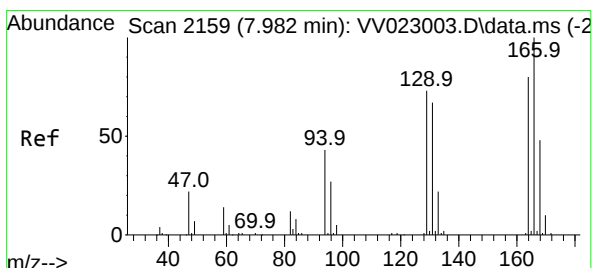
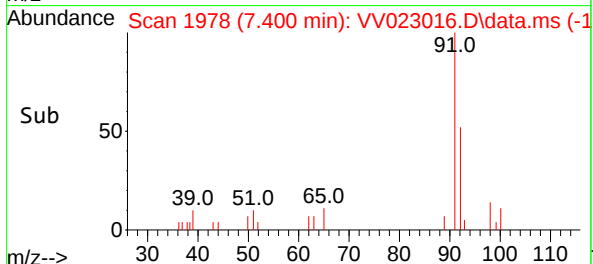
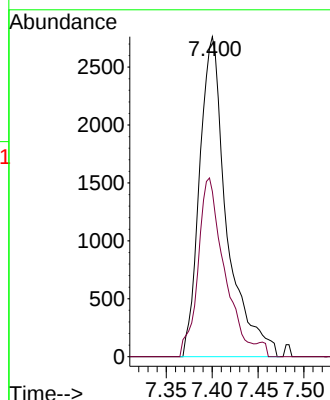
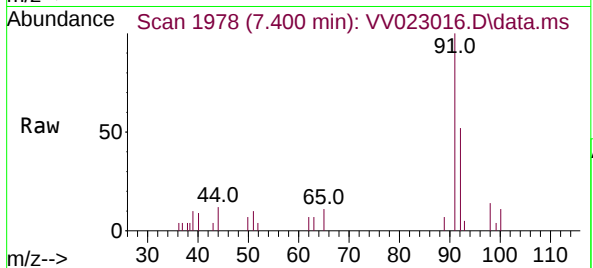
ClientSampleId :

Tgt Ion: 91 Resp: 5693

Ion Ratio Lower Upper

91 100

92 51.6 39.3 72.9



#47

Tetrachloroethene

Concen: 5.429 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.006 min

Lab File: VV023016.D

Acq: 23 Oct 2021 17:47

Tgt Ion: 164 Resp: 29487

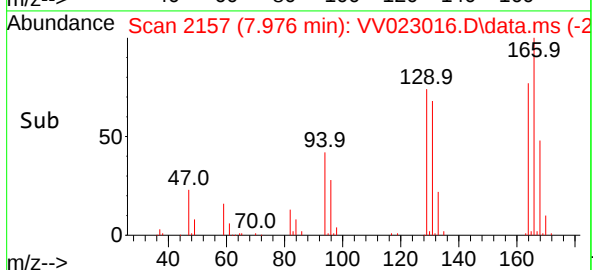
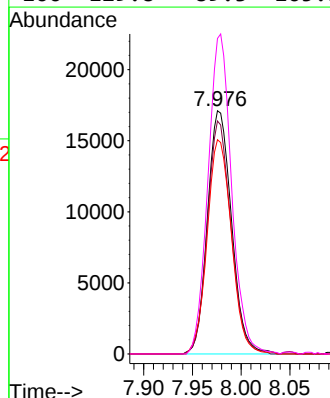
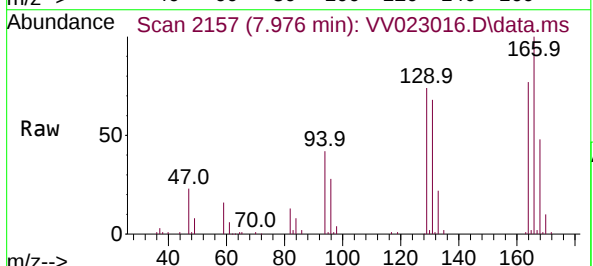
Ion Ratio Lower Upper

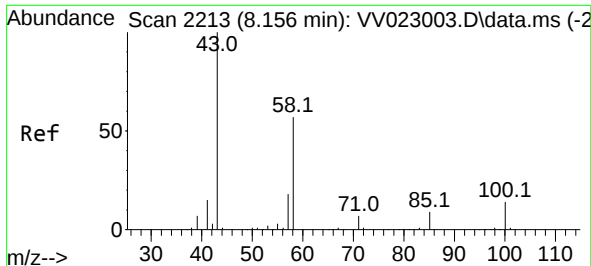
164 100

129 95.8 64.0 119.0

131 88.1 63.4 117.8

166 129.8 89.3 165.9

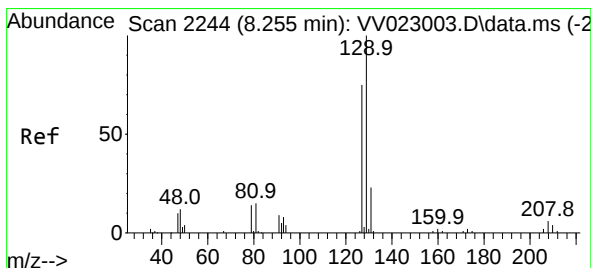
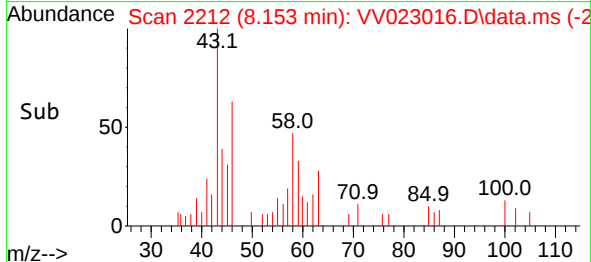
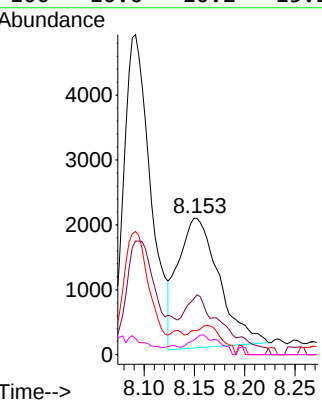
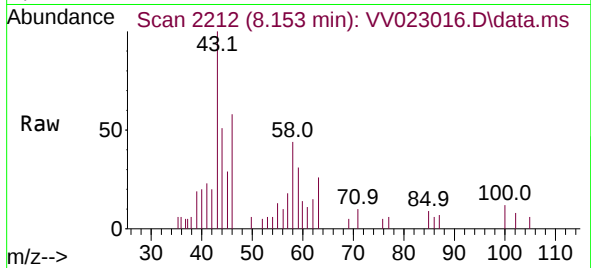




#48
2-Hexanone
Concen: 2.527 ug/L
RT: 8.153 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV023016.D
Acq: 23 Oct 2021 17:47

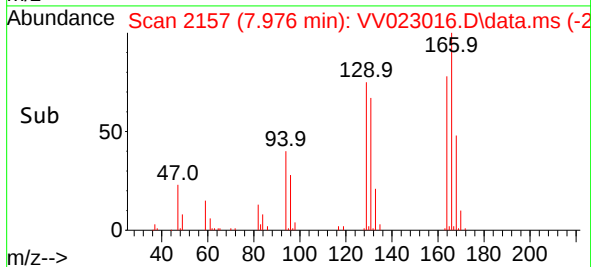
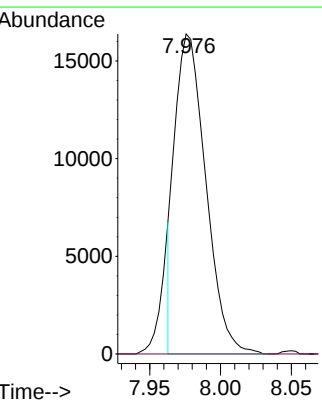
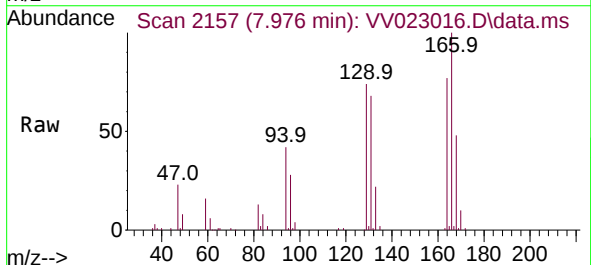
Instrument :
MSVOA_V
ClientSampleId :

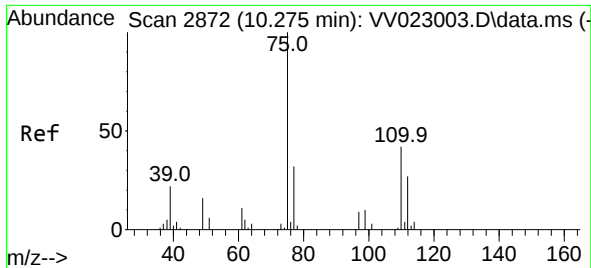
Tgt Ion: 43	Resp: 5697
Ion Ratio	Lower Upper
43 100	
58 43.1	43.7 65.5#
57 15.5	14.1 21.1
100 10.6	10.2 15.2



#49
Dibromochloromethane
Concen: 4.603 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.280 min
Lab File: VV023016.D
Acq: 23 Oct 2021 17:47

Tgt Ion:129	Resp:	24715	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#61

1,2,3-Trichloropropane

Concen: 1.662 ug/L

RT: 11.252 min Scan# 31

Delta R.T. 0.977 min

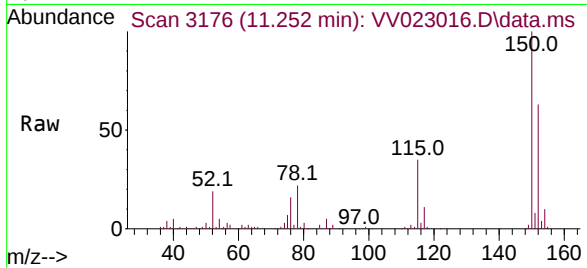
Lab File: VV023016.D

Acq: 23 Oct 2021 17:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 4374

Ion Ratio Lower Upper

75 100

77 35.2 26.6 39.8

110 2.6 31.8 47.6#

