

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022876.D
 Acq On : 18 Oct 2021 19:03
 Operator : SY/MD
 Sample : M4200-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG3

Quant Time: Oct 19 01:46:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 01:43:03 2021
 Response via : Initial Calibration

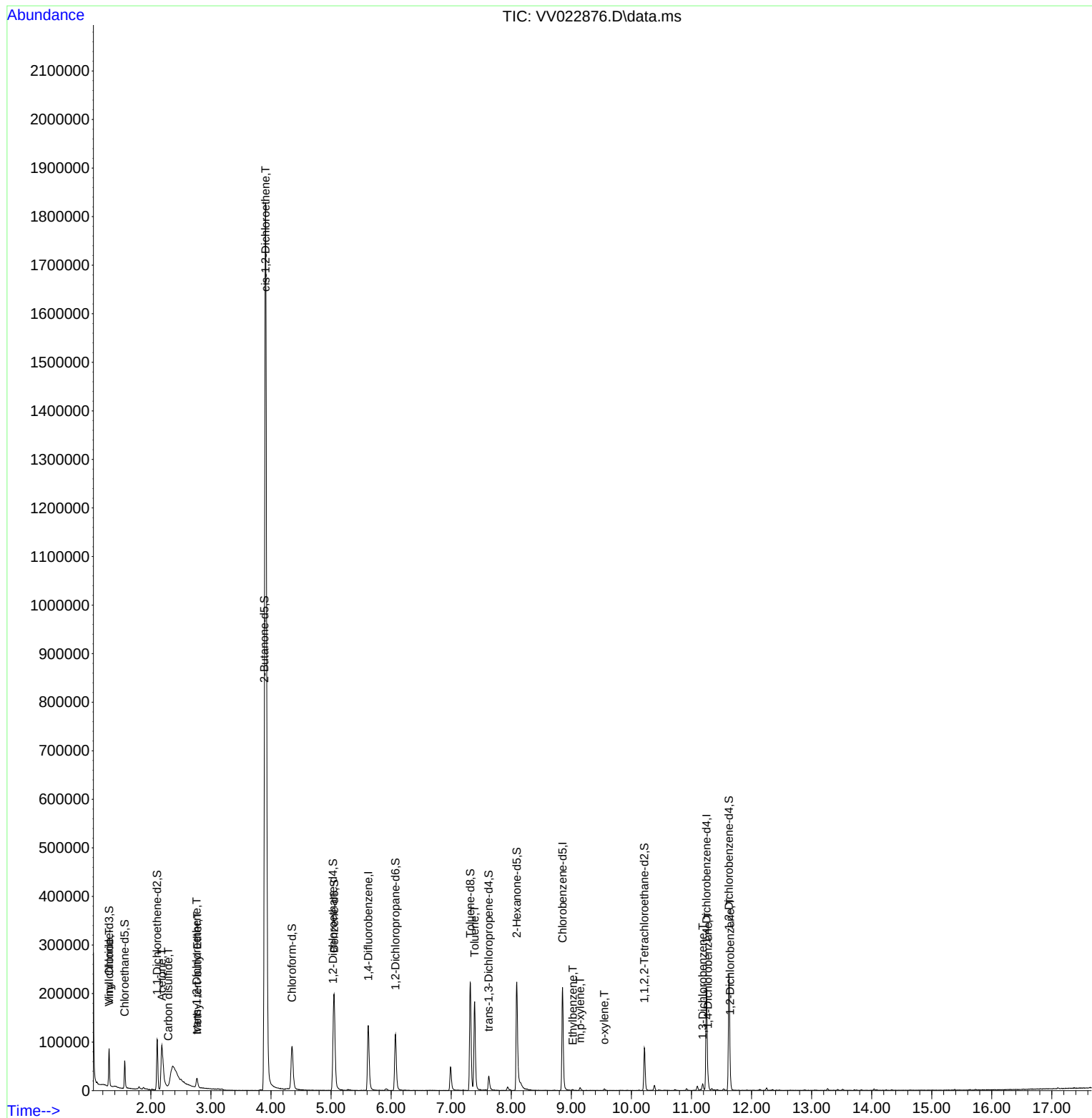
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117359	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	120877	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57190	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35416	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.565	69	33412	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.105	63	53392	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	3.889	46	86347	40.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.56%
24) Chloroform-d	4.349	84	93236	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.00%
26) 1,2-Dichloroethane-d4	5.034	65	43730	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.053	84	181302	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.072	67	56827	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.317	98	150009	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloroprop...	7.625	79	17922	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	8.092	63	84431	59.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.54%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42288	5.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.20%
66) 1,2-Dichlorobenzene-d4	11.625	152	61822	5.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.60%
Target Compounds						
5) Vinyl chloride	1.307	62	13313	1.50	ug/L	97
13) Acetone	2.182	43	166984	141.44	ug/L #	44
14) Carbon disulfide	2.291	76	2054	0.10	ug/L #	92
17) Methyl tert-butyl Ether	2.773	73	12681	0.74	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	2480	0.32	ug/L	92
22) cis-1,2-Dichloroethene	3.909	96	1030555	127.31	ug/L	99
42) Toluene	7.391	91	135202	4.09	ug/L	97
52) Ethylbenzene	9.024	91	1764	0.05	ug/L	91
53) m,p-xylene	9.146	106	1632	0.12	ug/L	79
54) o-xylene	9.551	106	872	0.07	ug/L	72
64) 1,3-Dichlorobenzene	11.188	146	5557	0.36	ug/L	94
65) 1,4-Dichlorobenzene	11.275	146	6548	0.42	ug/L	92
67) 1,2-Dichlorobenzene	11.645	146	6324	0.44	ug/L	97

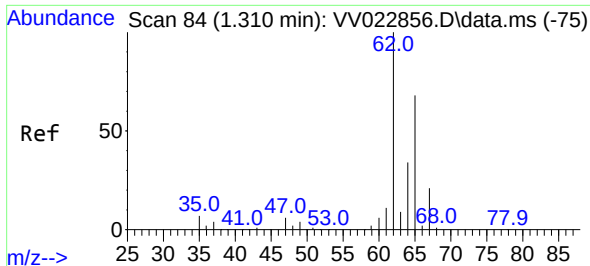
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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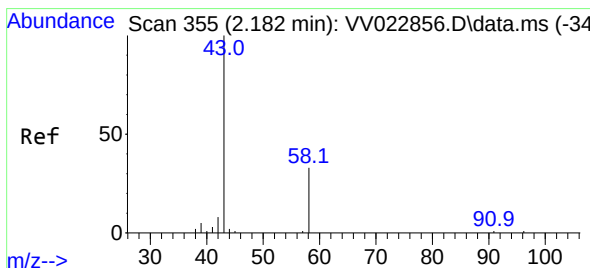
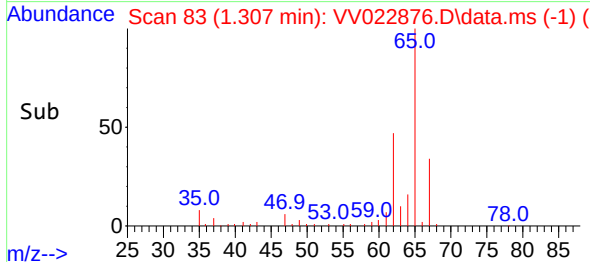
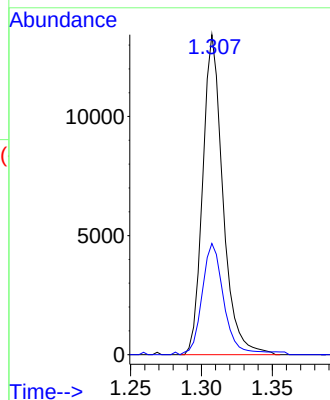
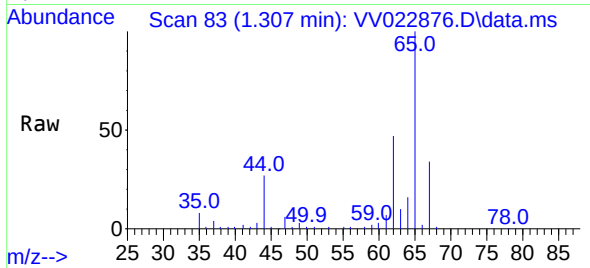




#5
 Vinyl chloride
 Concen: 1.50 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022876.D
 Acq: 18 Oct 2021 19:03

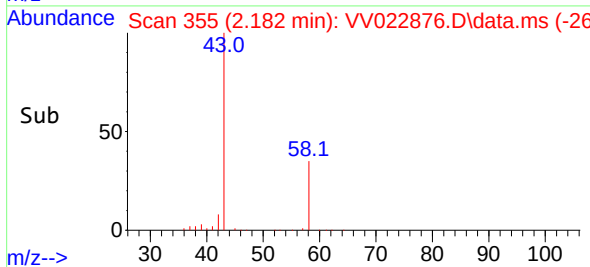
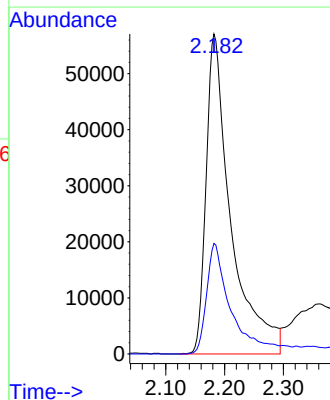
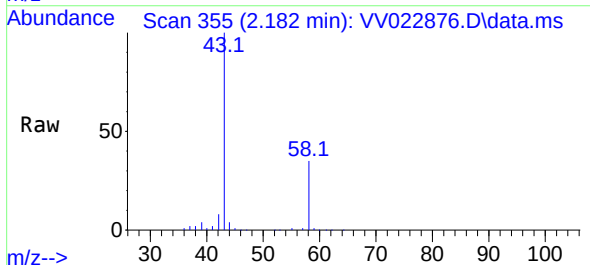
Instrument :
 MSVOA_V
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 BFG3

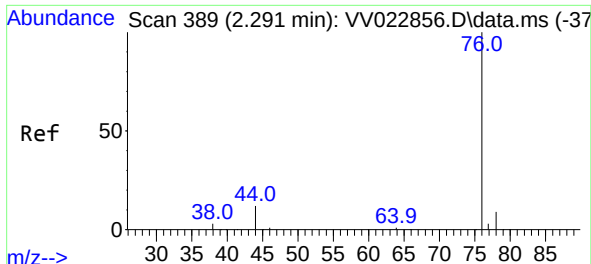
Tgt Ion: 62 Resp: 13313
 Ion Ratio Lower Upper
 62 100
 64 34.7 23.0 42.8



#13
 Acetone
 Concen: 141.44 ug/L
 RT: 2.182 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VV022876.D
 Acq: 18 Oct 2021 19:03

Tgt Ion: 43 Resp: 166984
 Ion Ratio Lower Upper
 43 100
 58 33.7 0.0 24.2#

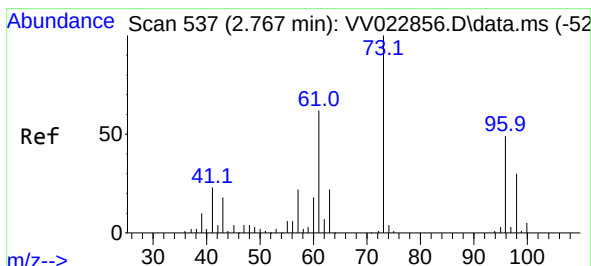
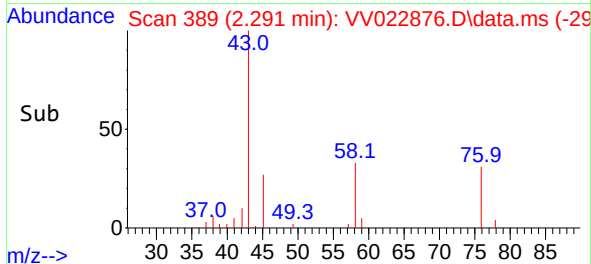
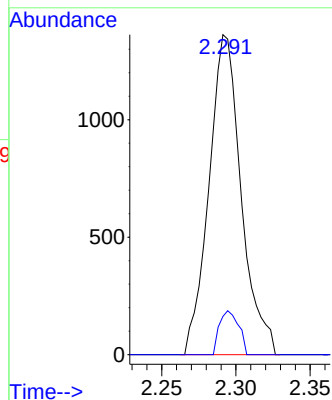
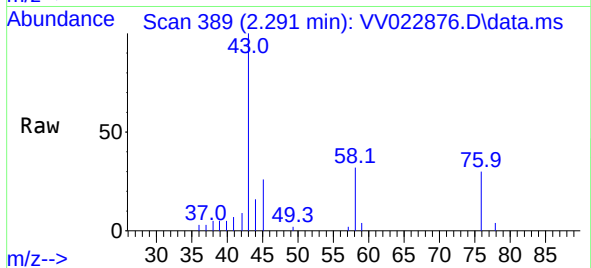




#14
Carbon disulfide
Concen: 0.10 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV022876.D
Acq: 18 Oct 2021 19:03

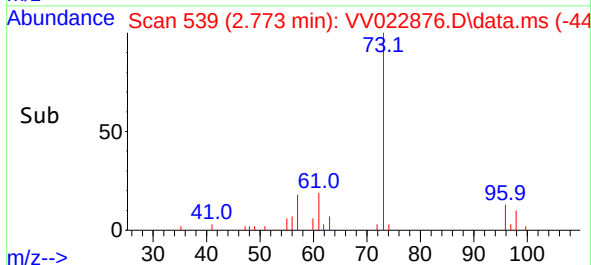
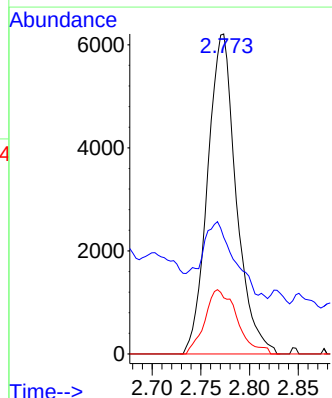
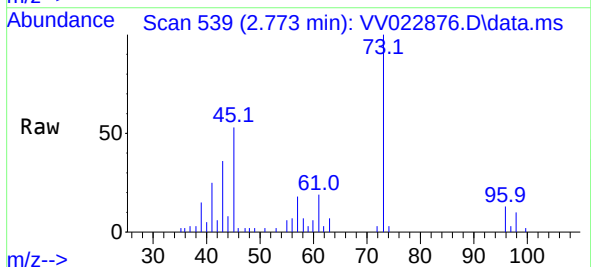
Instrument :
MSVOA_V
ClientSampleId :
BFGE3

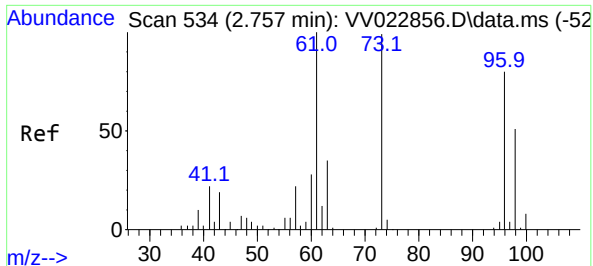
Tgt Ion: 76 Resp: 2054
Ion Ratio Lower Upper
76 100
78 12.0 7.4 11.0#



#17
Methyl tert-butyl Ether
Concen: 0.74 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.007 min
Lab File: VV022876.D
Acq: 18 Oct 2021 19:03

Tgt Ion: 73 Resp: 12681
Ion Ratio Lower Upper
73 100
43 24.5 17.1 25.7
57 22.6 17.2 25.8

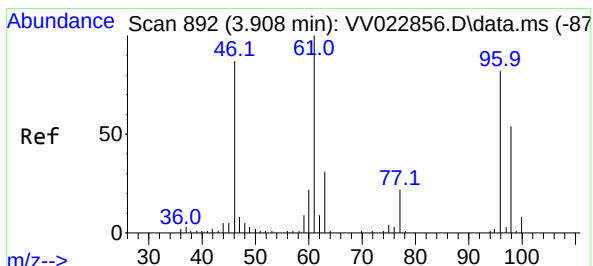
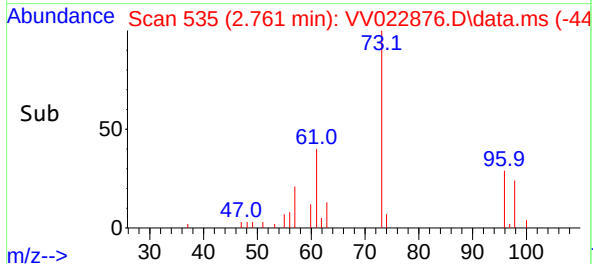
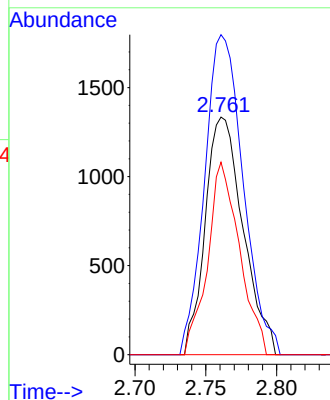
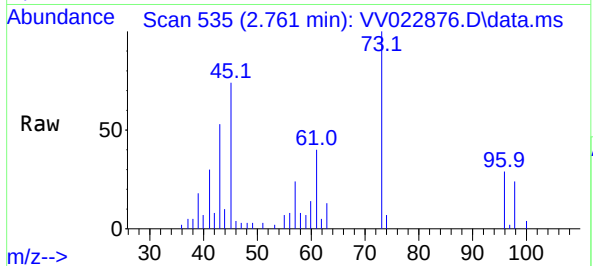




#18
trans-1,2-Dichloroethene
Concen: 0.32 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022876.D
Acq: 18 Oct 2021 19:03

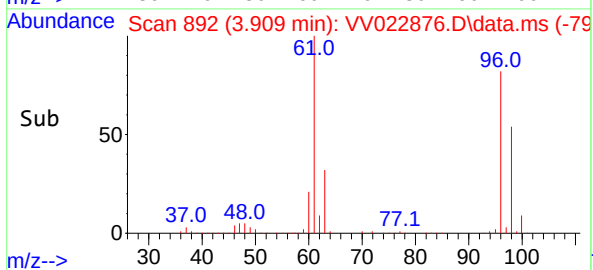
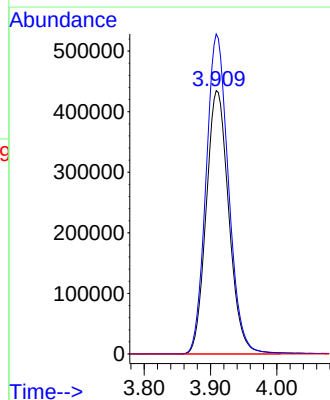
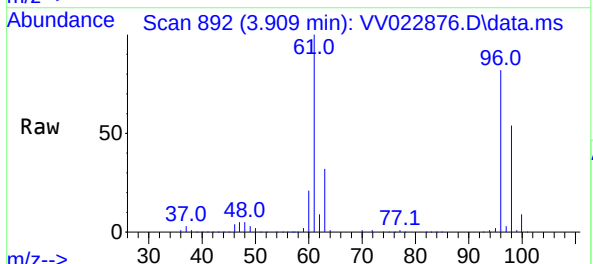
Instrument :
MSVOA_V
ClientSampleId :
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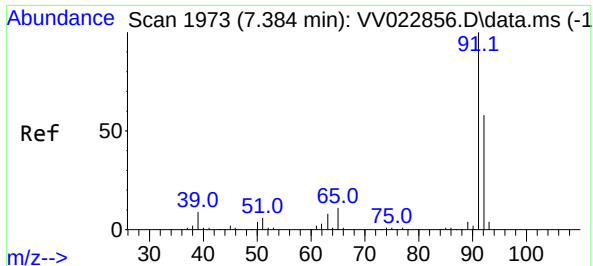
Tgt Ion: 96 Resp: 2480
Ion Ratio Lower Upper
96 100
61 134.7 94.5 175.5
98 81.0 44.2 82.0



#22
cis-1,2-Dichloroethene
Concen: 127.31 ug/L
RT: 3.909 min Scan# 892
Delta R.T. 0.000 min
Lab File: VV022876.D
Acq: 18 Oct 2021 19:03

Tgt Ion: 96 Resp: 1030555
Ion Ratio Lower Upper
96 100
61 121.5 86.0 159.6
68 0.0 0.0 0.0





#42

Toluene

Concen: 4.09 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.007 min

Lab File: VV022876.D

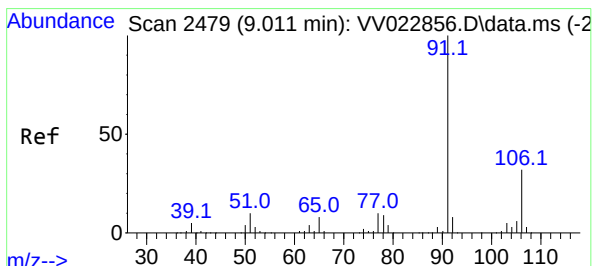
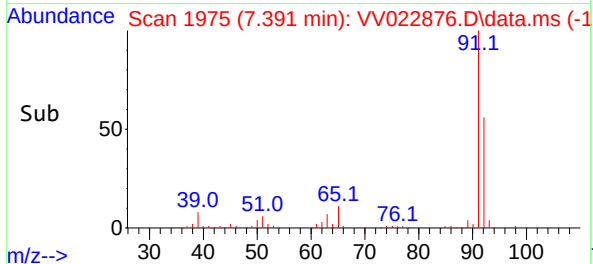
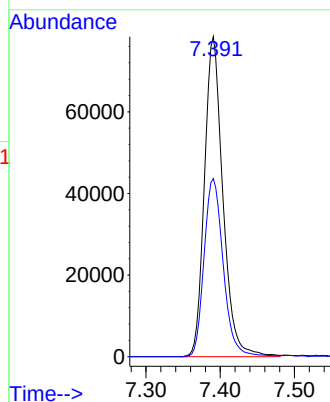
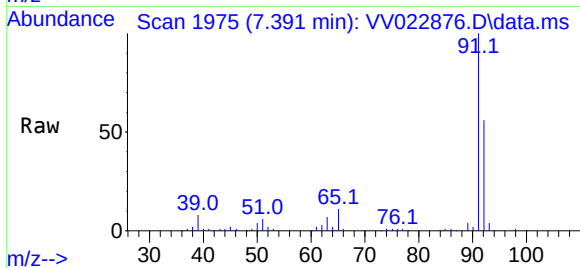
Acq: 18 Oct 2021 19:03

Tgt Ion: 91 Resp: 135202

Ion Ratio Lower Upper

91 100

92 55.6 40.7 75.7



#52

Ethylbenzene

Concen: 0.05 ug/L

RT: 9.024 min Scan# 2483

Delta R.T. 0.013 min

Lab File: VV022876.D

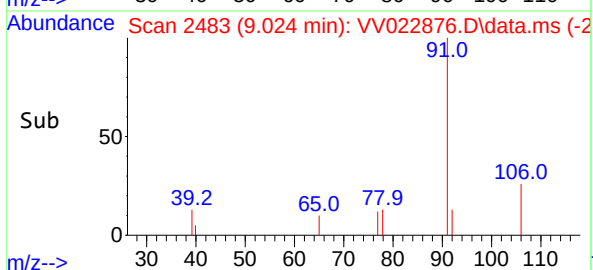
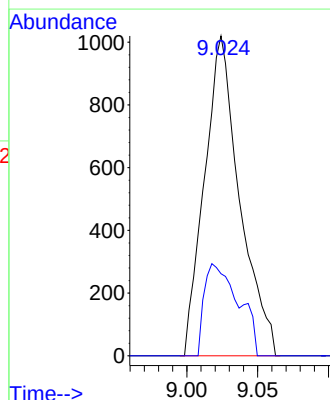
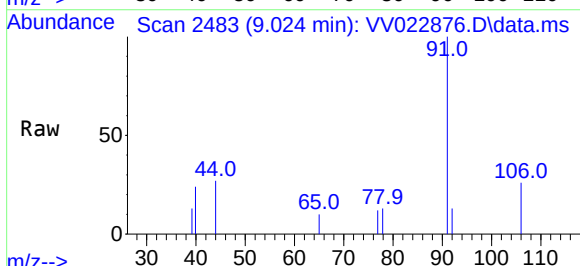
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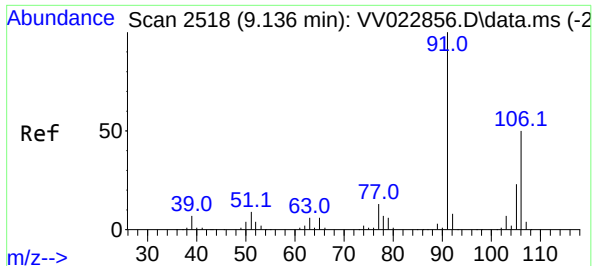
Tgt Ion: 91 Resp: 1764

Ion Ratio Lower Upper

91 100

106 25.7 21.6 40.2



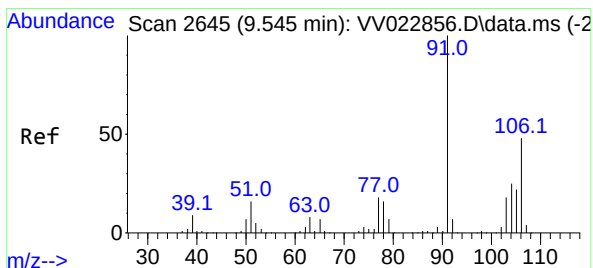
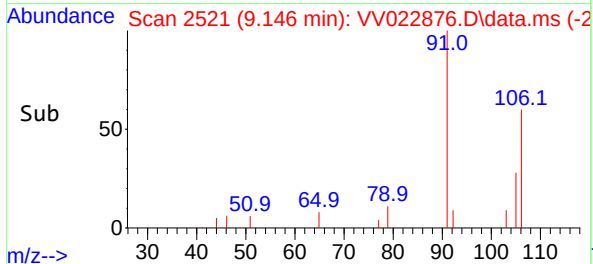
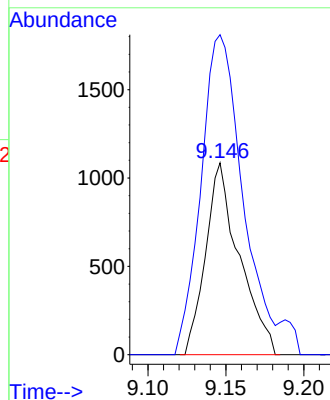
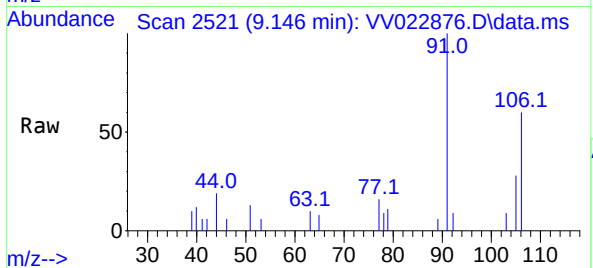


#53

m,p-xylene
Concen: 0.12 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.010 min
Lab File: VV022876.D
Acq: 18 Oct 2021 19:03

Tgt Ion:106 Resp: 1632
Ion Ratio Lower Upper
106 100
91 166.8 138.7 257.5

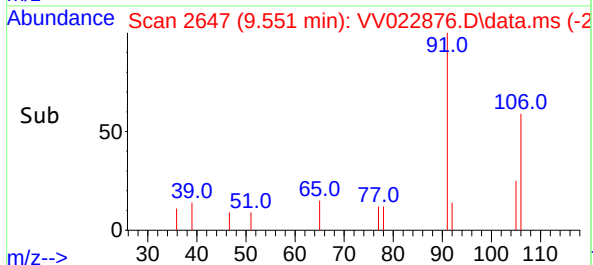
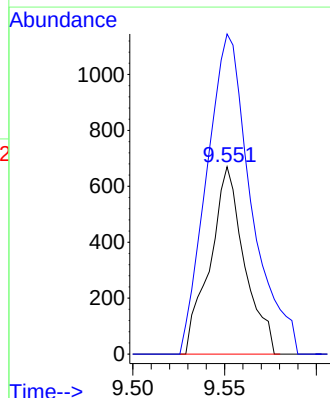
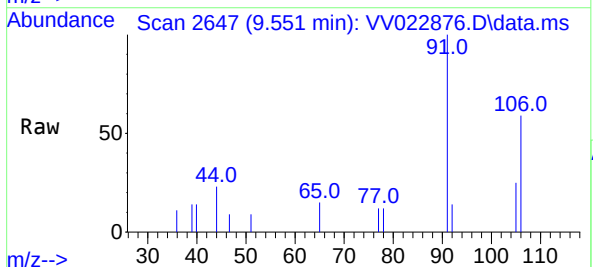
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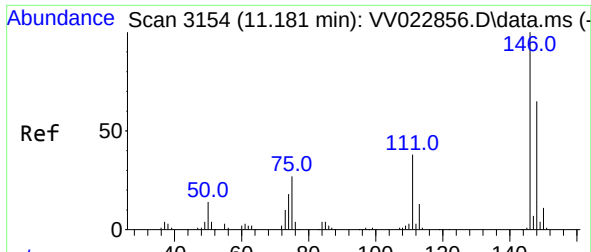


#54

o-xylene
Concen: 0.07 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.007 min
Lab File: VV022876.D
Acq: 18 Oct 2021 19:03

Tgt Ion:106 Resp: 872
Ion Ratio Lower Upper
106 100
91 170.9 151.1 280.7

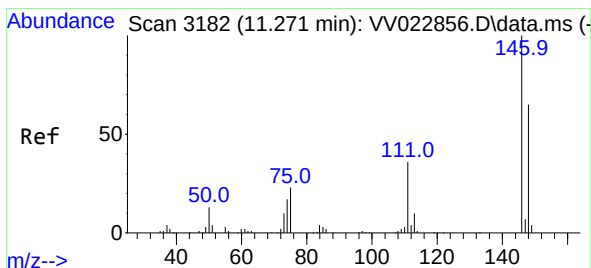
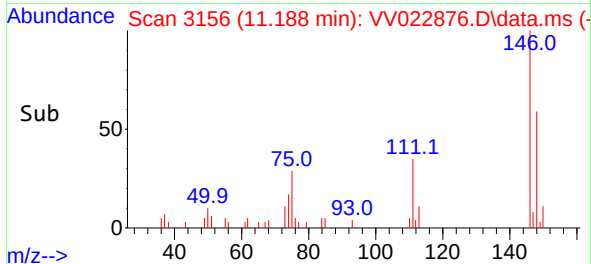
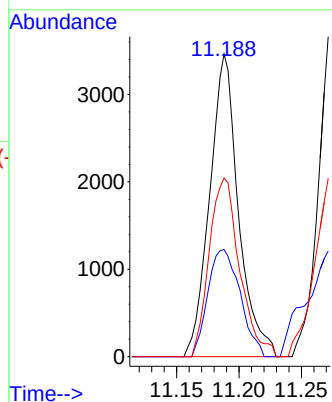
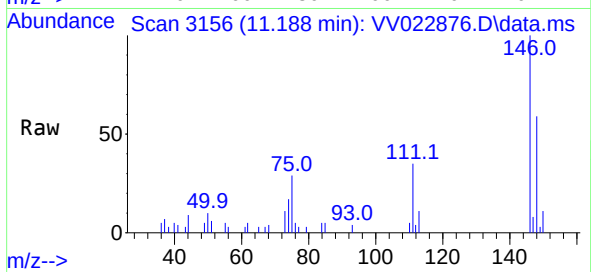




#64
1,3-Dichlorobenzene
Concen: 0.36 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.007 min
Lab File: VV022876.D
Acq: 18 Oct 2021 19:03

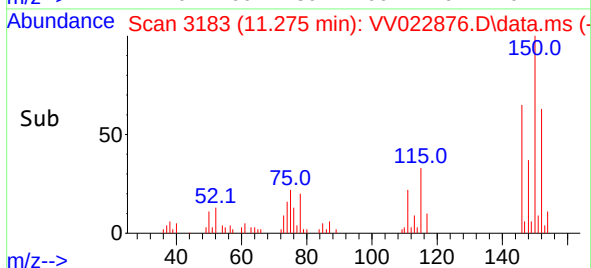
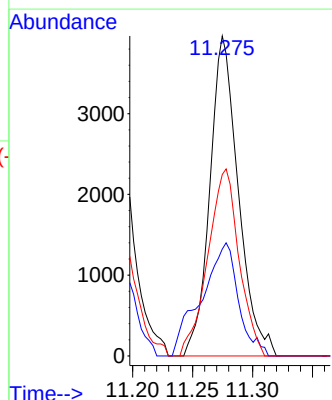
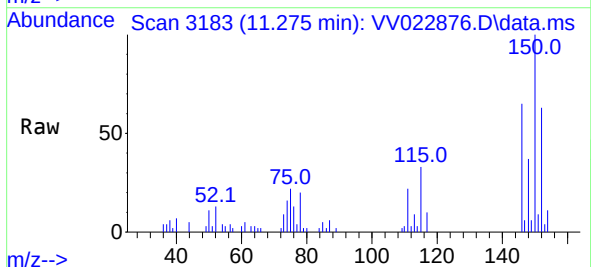
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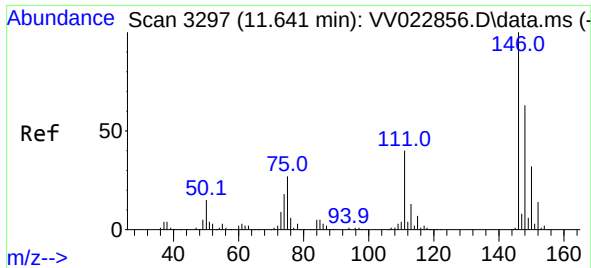
Tgt Ion:146 Resp: 5557
Ion Ratio Lower Upper
146 100
111 35.4 26.7 49.5
148 59.1 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 0.42 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV022876.D
Acq: 18 Oct 2021 19:03

Tgt Ion:146 Resp: 6548
Ion Ratio Lower Upper
146 100
111 33.4 25.6 47.4
148 56.7 44.9 83.5





#67
1,2-Dichlorobenzene
Concen: 0.44 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV022876.D
Acq: 18 Oct 2021 19:03

Instrument :
MSVOA_V
ClientSampleId :
BFGE3

Tgt Ion:146 Resp: 6324
Ion Ratio Lower Upper
146 100
111 38.6 32.3 48.5
148 68.2 52.1 78.1

