

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102021\
 Data File : VV022932.D
 Acq On : 20 Oct 2021 15:18
 Operator : SY/MD
 Sample : M4200-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG8

Quant Time: Oct 21 02:46:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

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

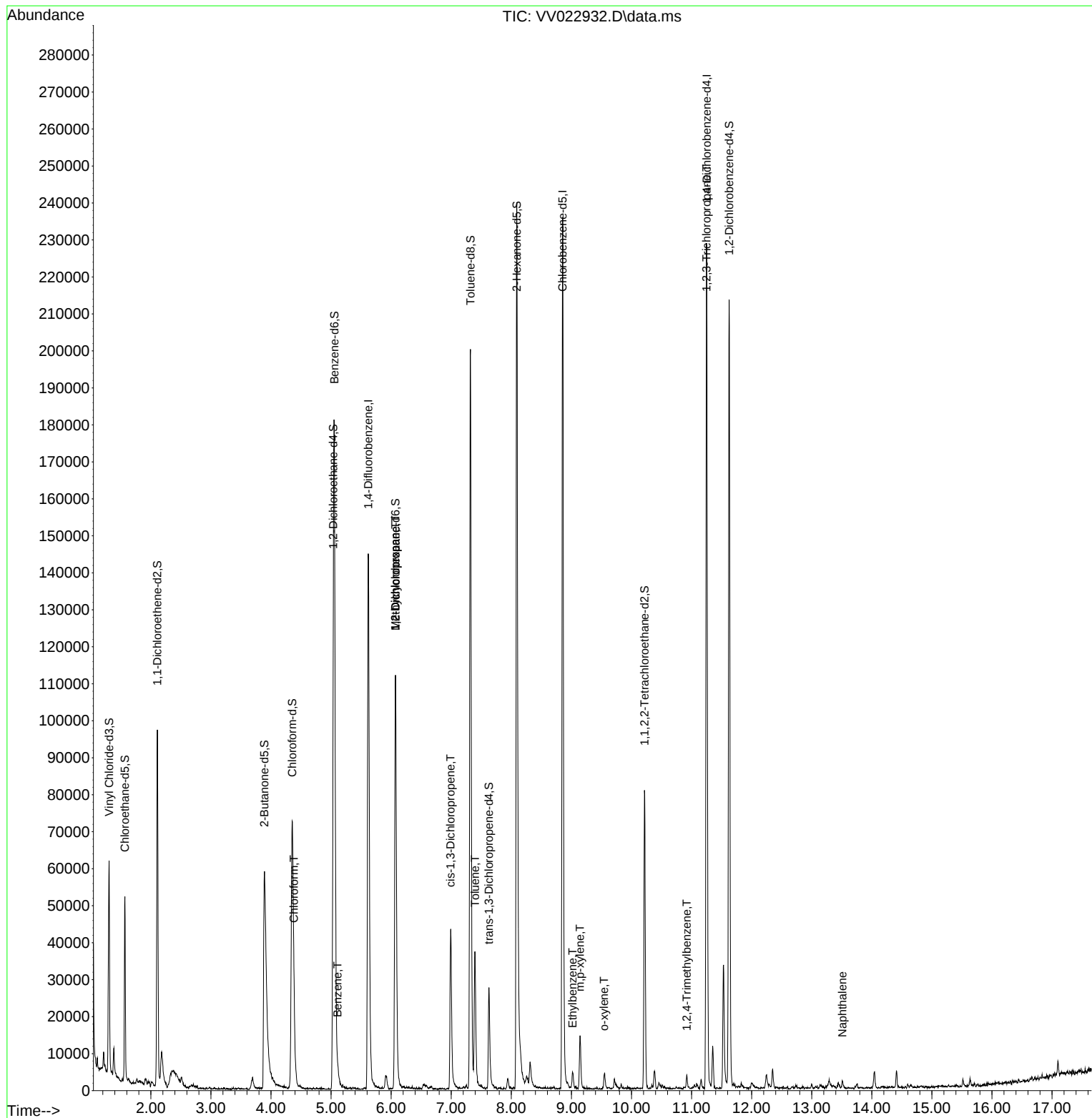
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	127762	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	133893	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	63010	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30840	3.508	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.568	69	30247	3.829	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.108	63	49303	2.859	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.200%#
20) 2-Butanone-d5	3.889	46	105286	45.681	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.360%
24) Chloroform-d	4.352	84	73209	4.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	5.037	65	41524	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.053	84	166358	4.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.072	67	55505	4.702	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.320	98	134385	3.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	7.625	79	16130	4.119	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.091	63	80124	50.775	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.540%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37944	4.745	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	57158	4.893	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
25) Chloroform	4.381	83	16724	0.954	ug/L	93
33) Benzene	5.108	78	3537	0.098	ug/L	100
35) Methylcyclohexane	6.072	83	12722	0.926	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	5911	0.682	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1202	0.105	ug/L	87
42) Toluene	7.394	91	27726	0.757	ug/L	97
52) Ethylbenzene	9.021	91	3244	0.087	ug/L	90
53) m,p-xylene	9.143	106	4292	0.294	ug/L	85
54) o-xylene	9.545	106	1258	0.092	ug/L #	58
61) 1,2,3-Trichloropropane	11.249	75	6626	1.514	ug/L #	60
63) 1,2,4-Trimethylbenzene	10.918	105	2302	0.089	ug/L	87
71) Naphthalene	13.512	128	1793	0.117	ug/L #	89

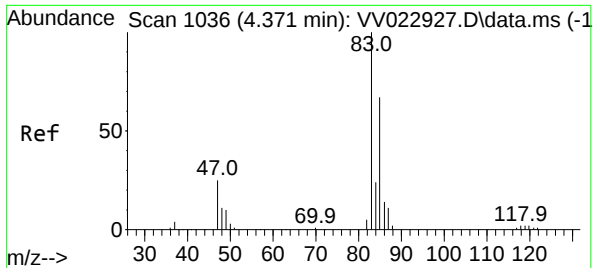
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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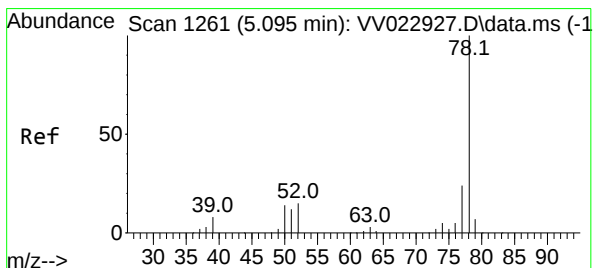
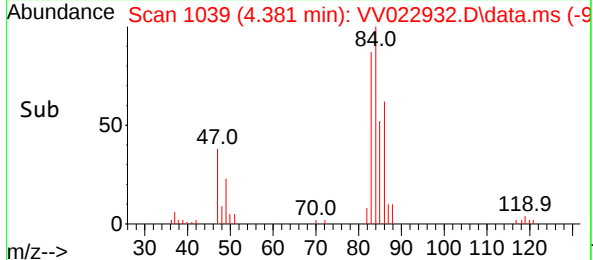
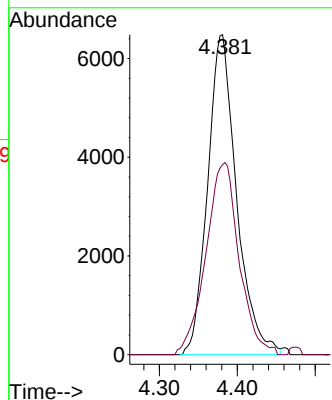
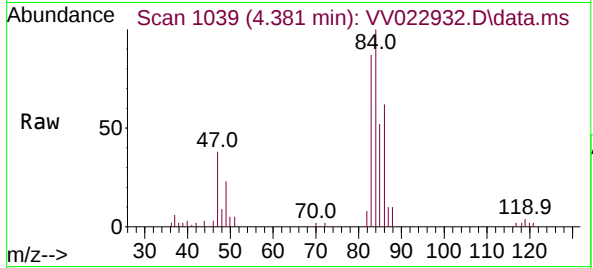




#25
Chloroform
Concen: 0.954 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV022932.D
Acq: 20 Oct 2021 15:18

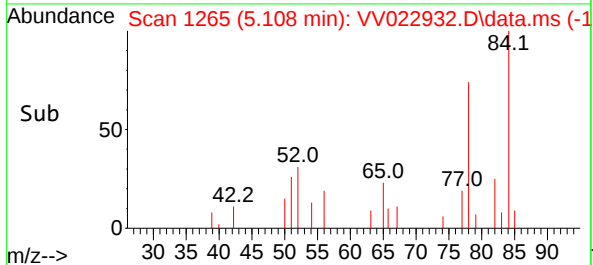
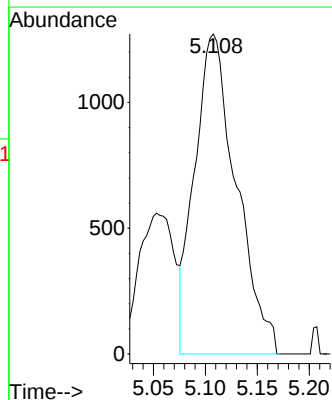
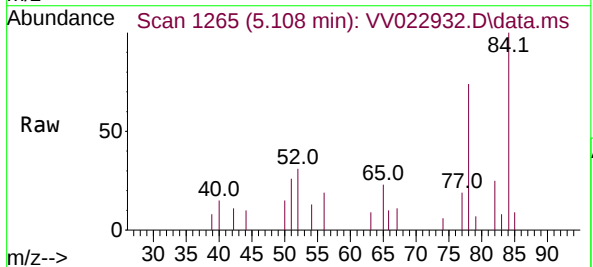
Instrument :
MSVOA_V
ClientSampled :
BFGES

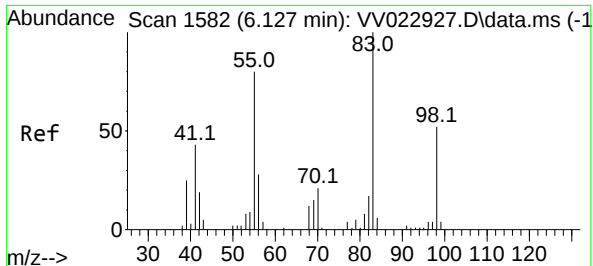
Tgt Ion: 83 Resp: 16724
Ion Ratio Lower Upper
83 100
85 59.4 45.7 84.9



#33
Benzene
Concen: 0.098 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.013 min
Lab File: VV022932.D
Acq: 20 Oct 2021 15:18

Tgt Ion: 78 Resp: 3537

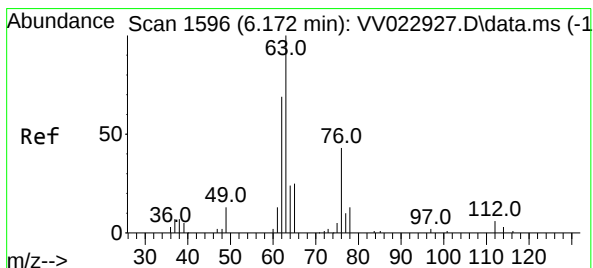
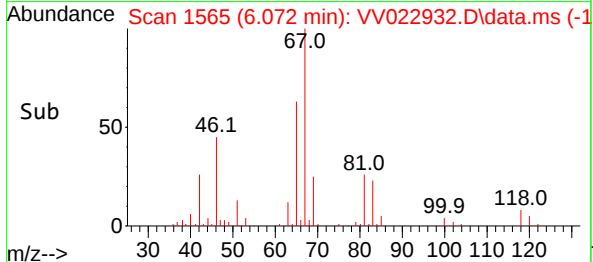
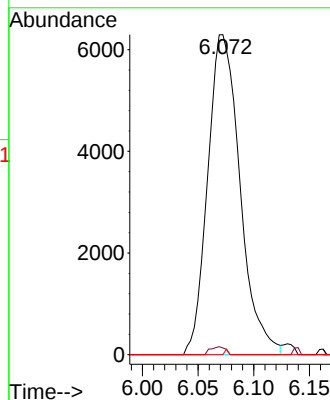
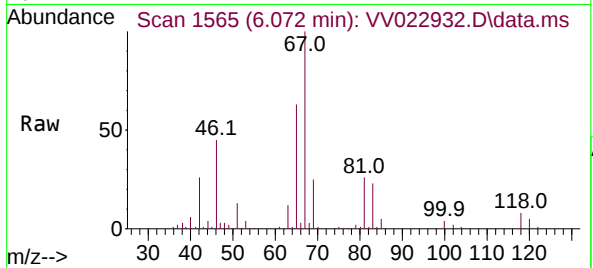




#35
Methylcyclohexane
Concen: 0.926 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV022932.D
Acq: 20 Oct 2021 15:18

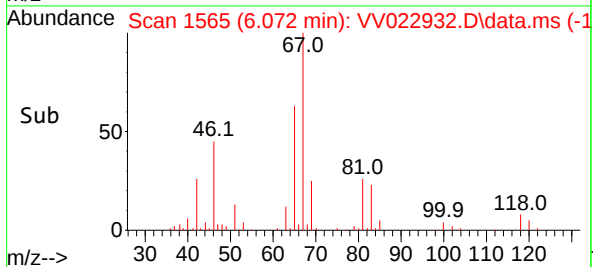
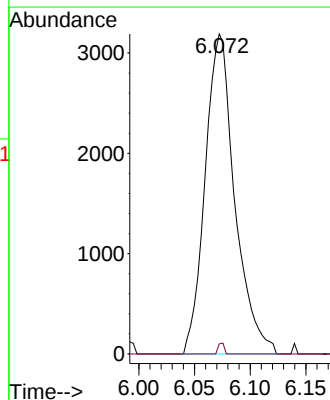
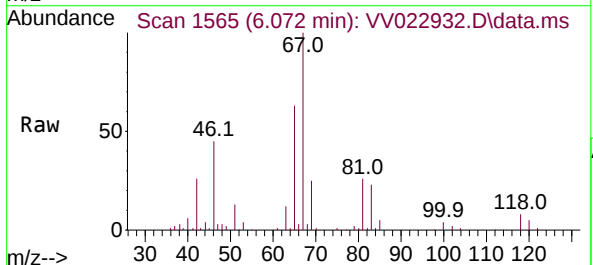
Instrument :
MSVOA_V
ClientSampleId :
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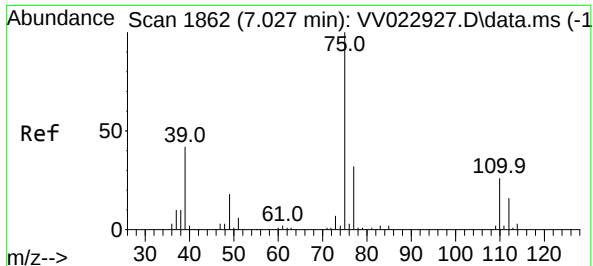
Tgt Ion:	83	Resp:	12722
Ion	Ratio	Lower	Upper
83	100		
55	1.1	63.8	95.6#
98	0.2	42.1	63.1#



#37
1,2-Dichloropropane
Concen: 0.682 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022932.D
Acq: 20 Oct 2021 15:18

Tgt Ion:	63	Resp:	5911
Ion	Ratio	Lower	Upper
63	100		
112	0.7	4.4	6.6#



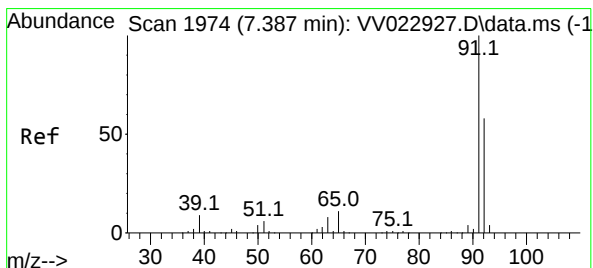
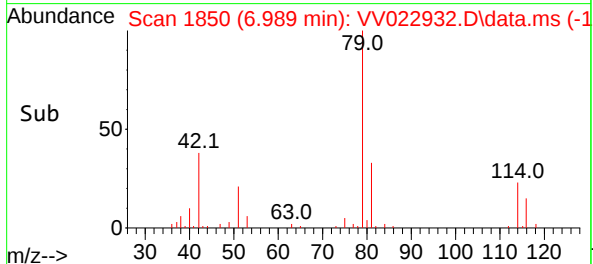
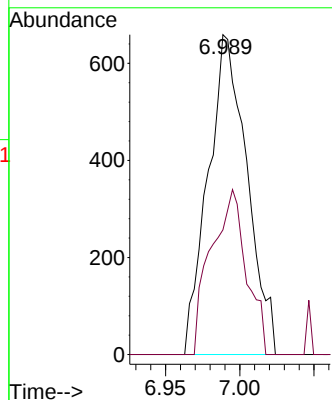
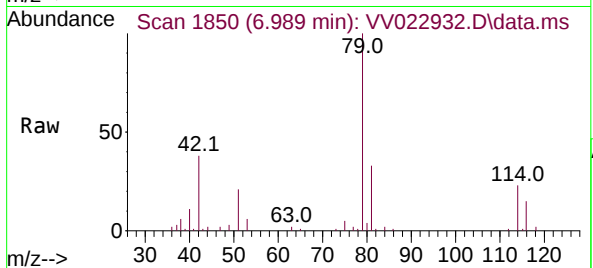


#39

cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022932.D
Acq: 20 Oct 2021 15:18

Instrument :
MSVOA_V
ClientSampled :
BFGES

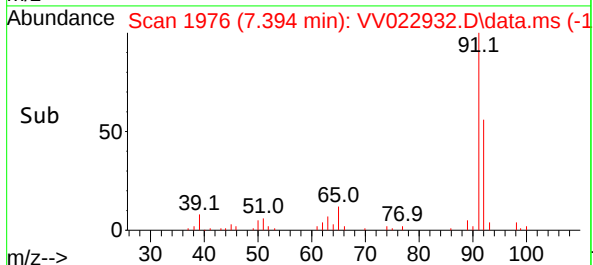
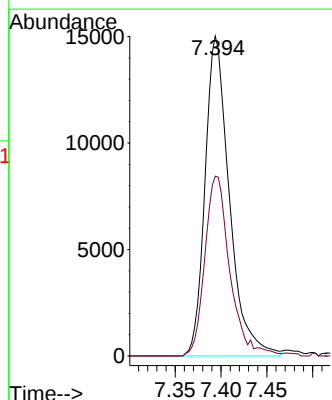
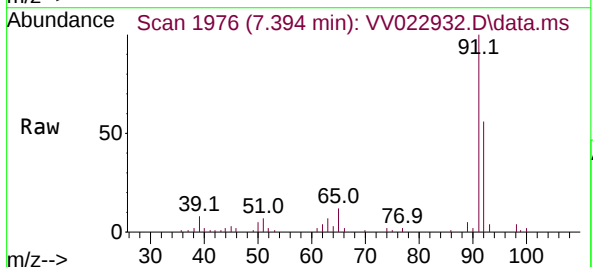
Tgt Ion: 75 Resp: 1202
Ion Ratio Lower Upper
75 100
77 39.0 22.3 41.3

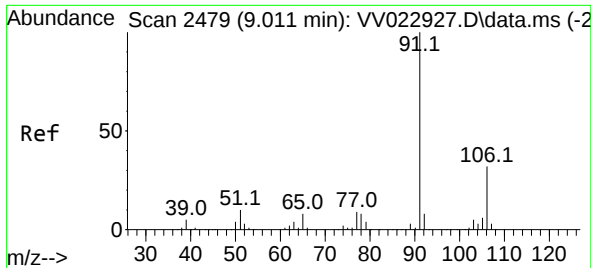


#42

Toluene
Concen: 0.757 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VV022932.D
Acq: 20 Oct 2021 15:18

Tgt Ion: 91 Resp: 27726
Ion Ratio Lower Upper
91 100
92 56.2 40.7 75.7

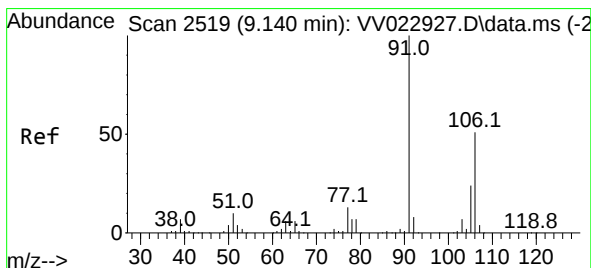
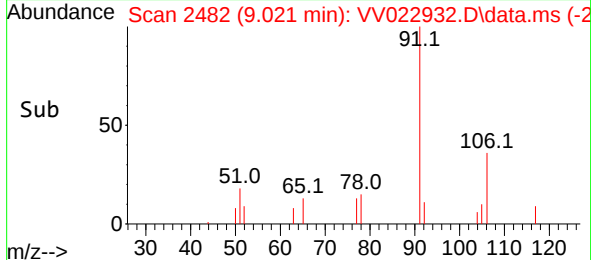
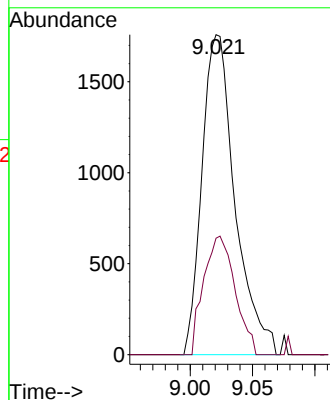
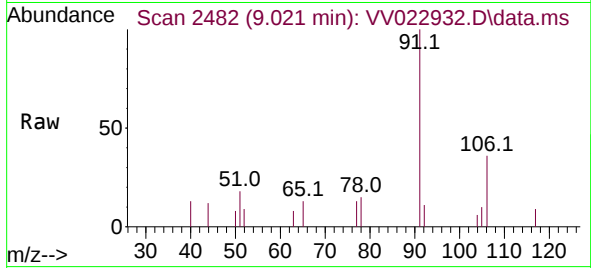




#52
Ethylbenzene
Concen: 0.087 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.010 min
Lab File: VV022932.D
Acq: 20 Oct 2021 15:18

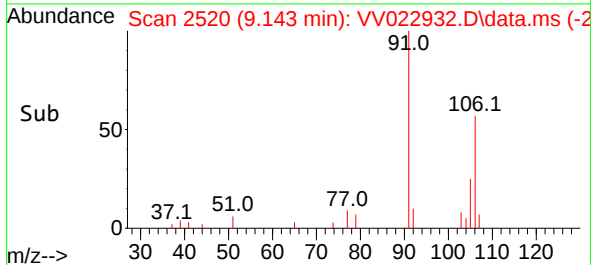
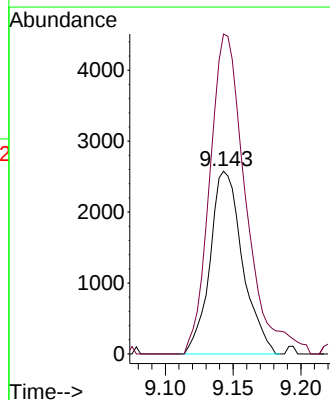
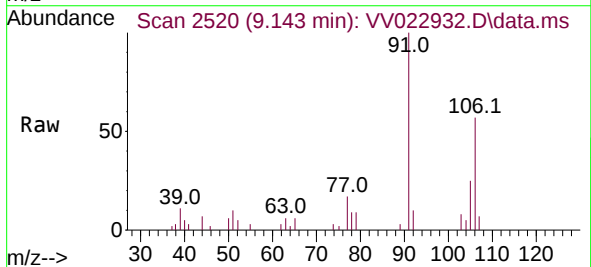
Instrument :
MSVOA_V
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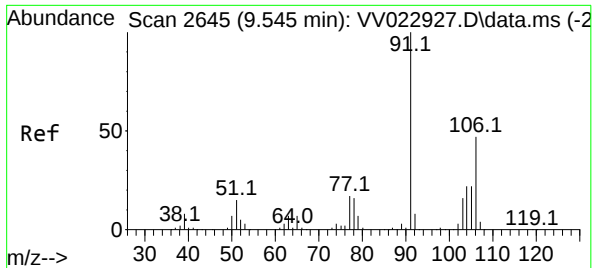
Tgt Ion: 91 Resp: 3244
Ion Ratio Lower Upper
91 100
106 36.4 21.6 40.2



#53
m,p-xylene
Concen: 0.294 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV022932.D
Acq: 20 Oct 2021 15:18

Tgt Ion: 106 Resp: 4292
Ion Ratio Lower Upper
106 100
91 175.1 138.7 257.5

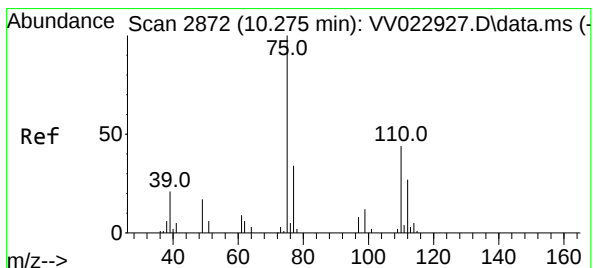
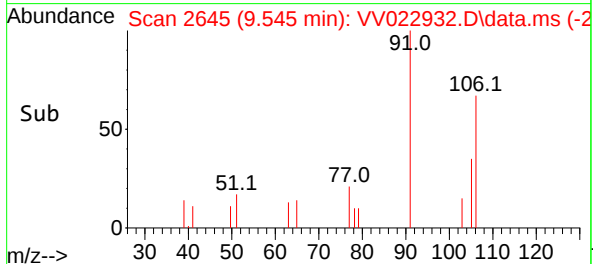
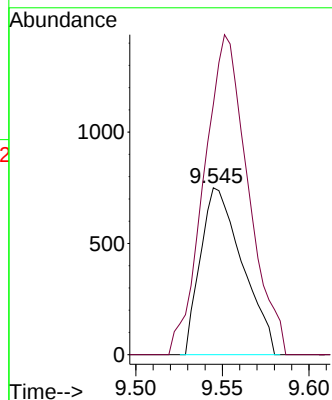
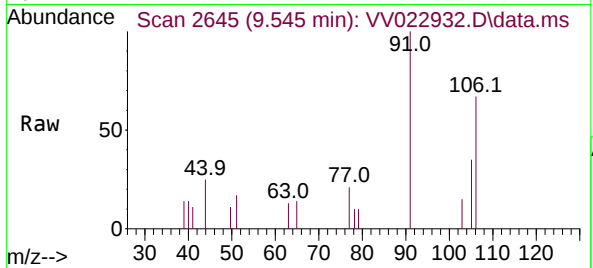




#54
o-xylene
Concen: 0.092 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022932.D
Acq: 20 Oct 2021 15:18

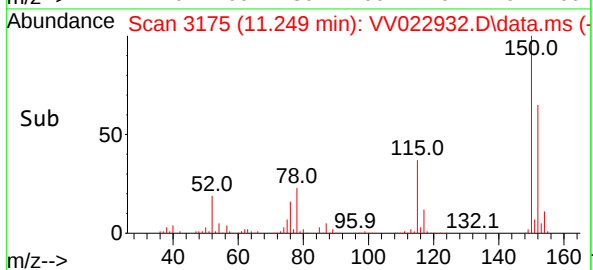
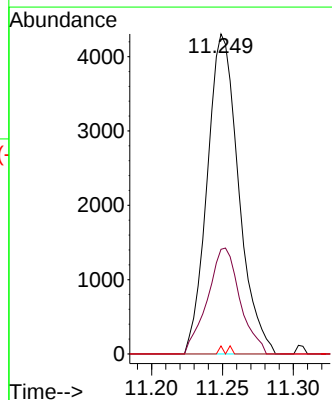
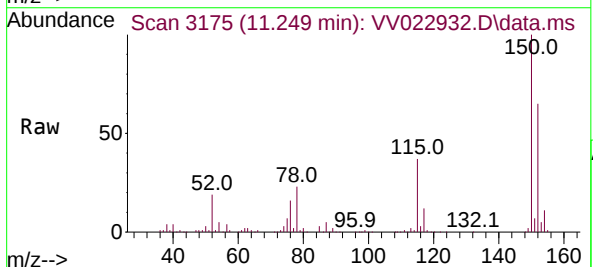
Instrument :
MSVOA_V
ClientSampled :
BFGES

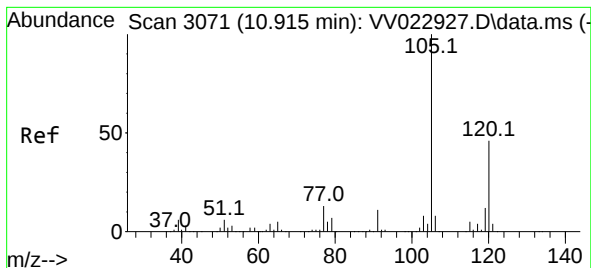
Tgt Ion:106 Resp: 1258
Ion Ratio Lower Upper
106 100
91 149.9 151.1 280.7#



#61
1,2,3-Trichloropropane
Concen: 1.514 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022932.D
Acq: 20 Oct 2021 15:18

Tgt Ion: 75 Resp: 6626
Ion Ratio Lower Upper
75 100
77 34.3 25.4 38.2
110 0.6 34.2 51.4#

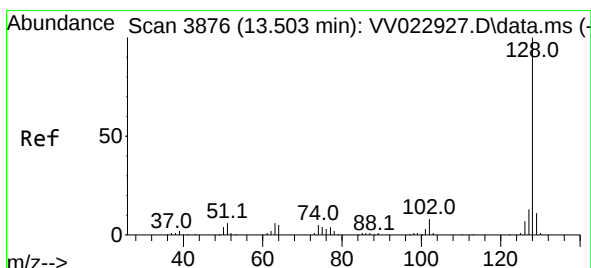
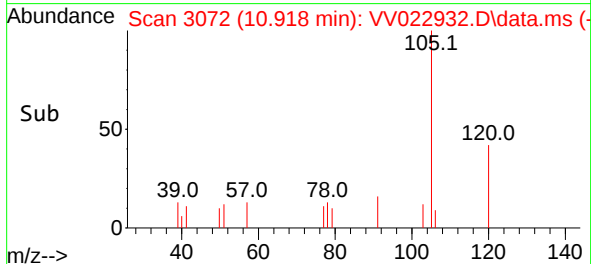
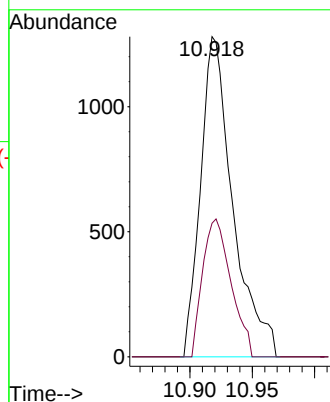
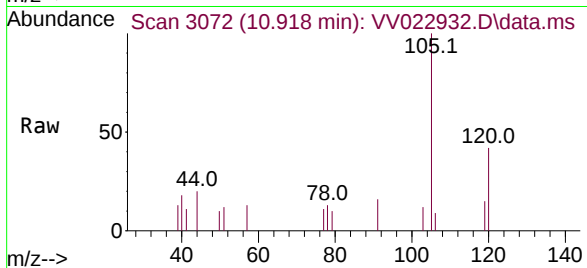




#63
1,2,4-Trimethylbenzene
Concen: 0.089 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022932.D
Acq: 20 Oct 2021 15:18

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Tgt Ion:105 Resp: 2302
Ion Ratio Lower Upper
105 100
120 37.8 37.3 55.9



#71
Naphthalene
Concen: 0.117 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV022932.D
Acq: 20 Oct 2021 15:18

Tgt Ion:128 Resp: 1793
Ion Ratio Lower Upper
128 100
129 2.4 9.3 13.9#
127 13.4 10.8 16.2

