

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
 Data File : VL037735.D
 Acq On : 30 Sep 2021 9:58
 Operator : SY/AP
 Sample : M3948-04DUPDL2 100X
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4DL2DUP

Manual Integrations
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 10/1/2021 11:09:27 AM

Quant Time: Oct 01 01:16:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	1116729	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.166	114	3565324	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.073	117	3145397	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.397	95	2290504	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%
Target Compounds						Qvalue
9) Propene	3.012	41	192873	2.60	ppbv	90
15) Acetone	3.848	43	1602720	13.81	ppbv	99
20) Methylene Chloride	4.337	84	22166m	0.40	ppbv	
26) Hexane	5.677	57	23669m	0.18	ppbv	
34) 2-Butanone	5.253	43	159039	1.10	ppbv #	85
52) Tetrachloroethene	11.214	164	12144m	0.11	ppbv	
59) m/p-Xylene	12.957	91	158220m	0.43	ppbv	
60) o-Xylene	13.674	91	78727m	0.23	ppbv	
62) Isopropylbenzene	14.651	105	46026m	0.10	ppbv	
74) 1,2,4-Trimethylbenzene	16.744	105	79137	0.20	ppbv #	76

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

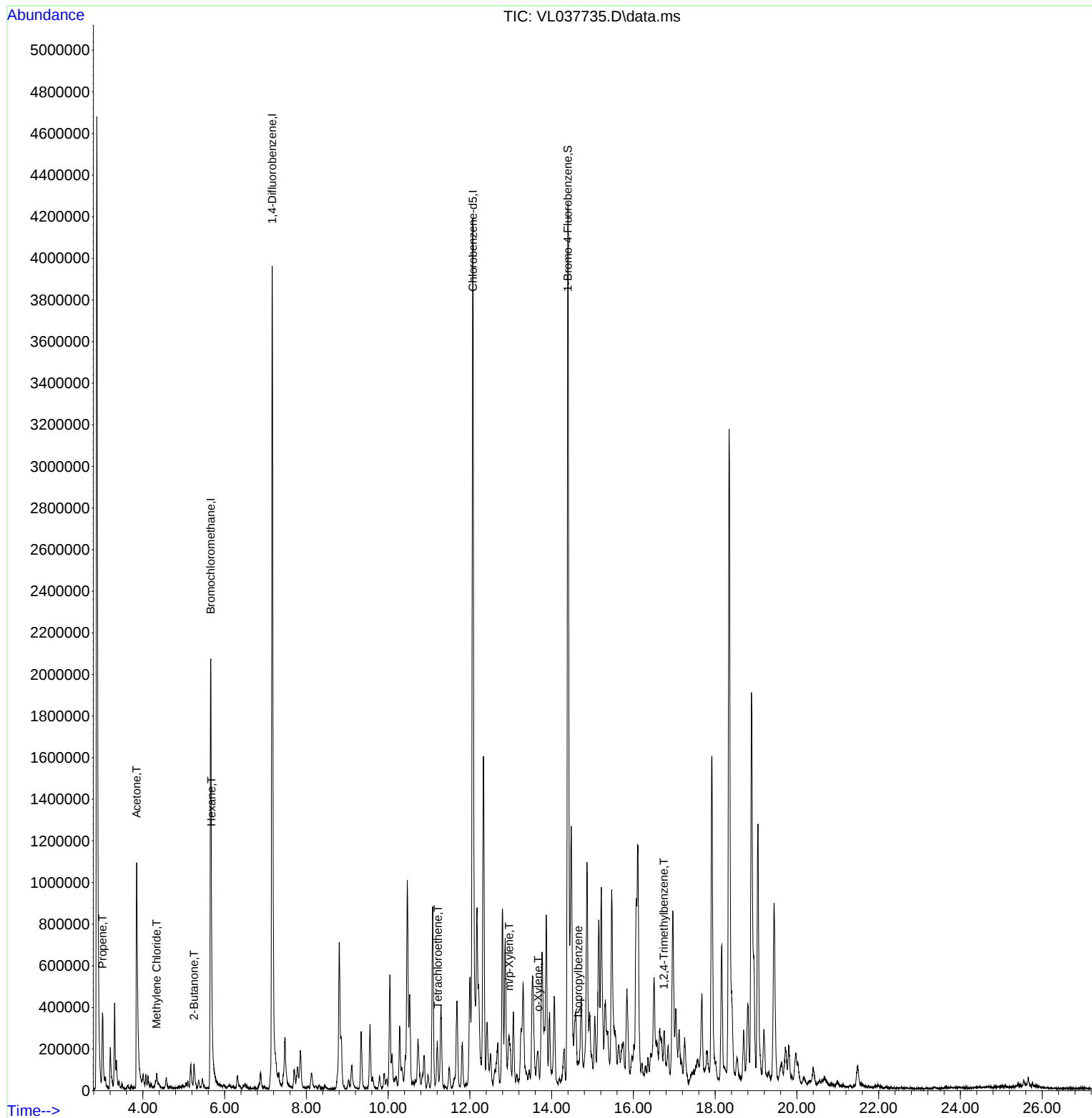
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
Data File : VL037735.D
Acq On : 30 Sep 2021 9:58
Operator : SY/AP
Sample : M3948-04DUPDL2 100X
Misc : 400mL/MSVOA_L
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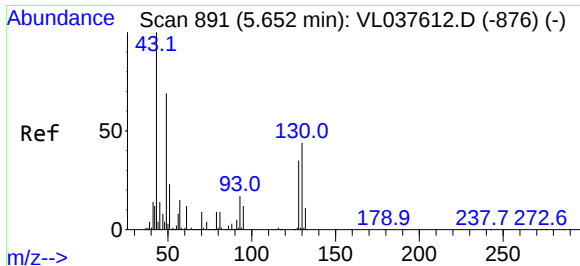
Instrument :
MSVOA_L
ClientSampleId :
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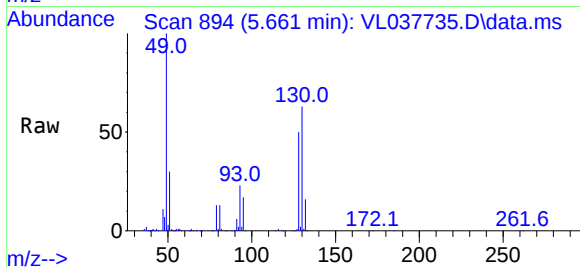
Quant Time: Oct 01 01:16:50 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.661 min Scan# 894
Delta R.T. 0.010 min
Lab File: VL037735.D
Acq: 30 Sep 2021 9:58

Instrument :
MSVOA_L
ClientSampleId :
SV4DL2DUP

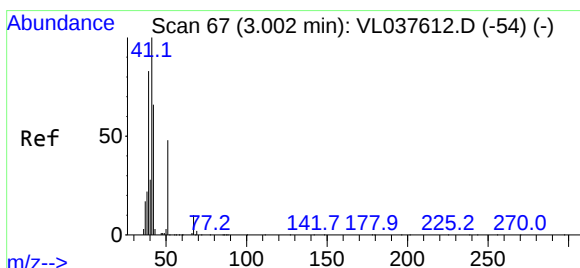
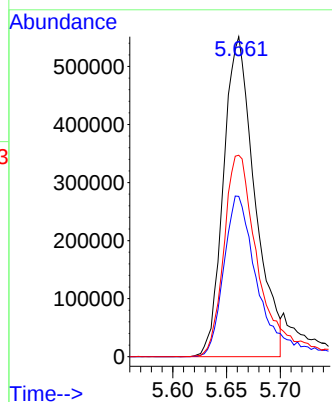
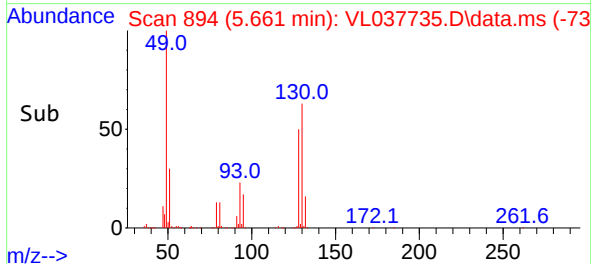


Tgt Ion: 49 Resp: 1116729

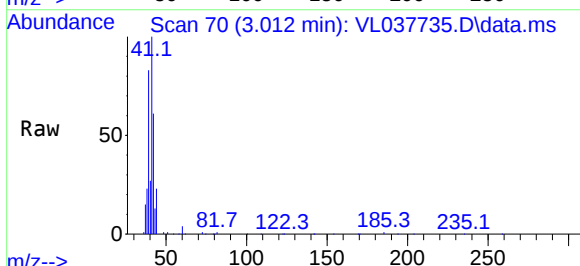
Ion	Ratio	Lower	Upper
49	100		
128	57.7	27.9	83.6
130	73.0	33.9	101.7

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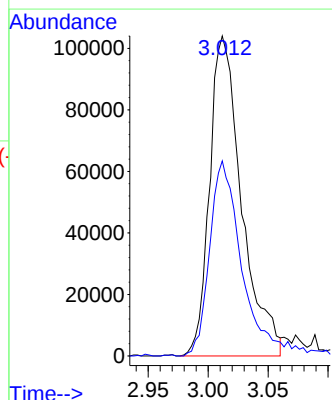
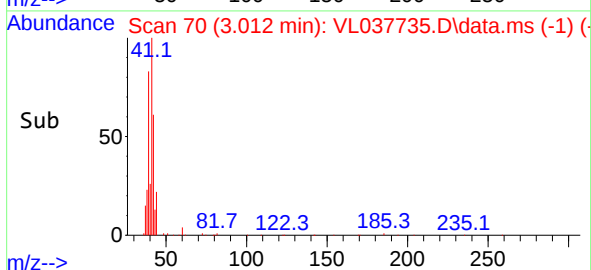


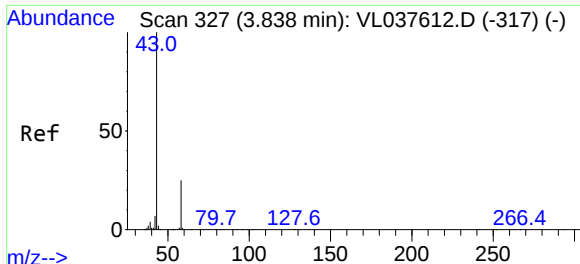
#9
Propene
Concen: 2.60 ppbv
RT: 3.012 min Scan# 70
Delta R.T. 0.010 min
Lab File: VL037735.D
Acq: 30 Sep 2021 9:58



Tgt Ion: 41 Resp: 192873

Ion	Ratio	Lower	Upper
41	100		
42	63.3	57.2	85.8





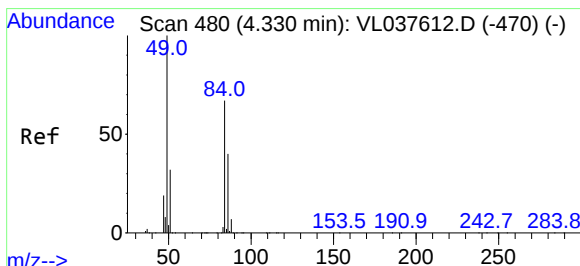
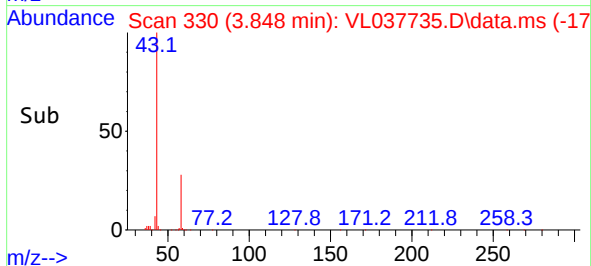
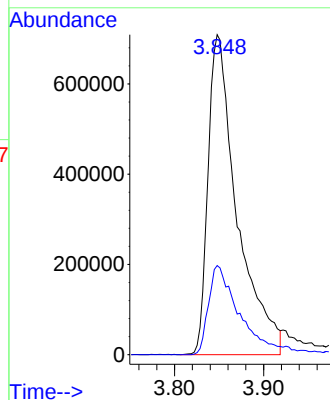
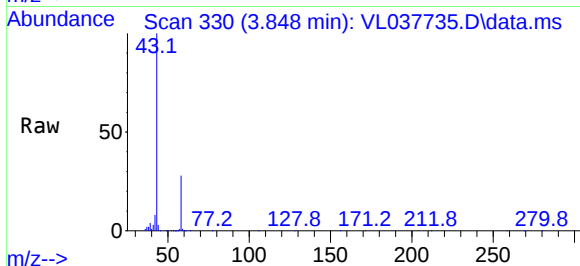
#15
Acetone
Concen: 13.81 ppbv
RT: 3.848 min Scan# 330
Delta R.T. 0.010 min
Lab File: VL037735.D
Acq: 30 Sep 2021 9:58

Instrument :
MSVOA_L
ClientSampleId :
SV4DL2DUP

Tgt Ion: 43 Resp: 1602720
Ion Ratio Lower Upper
43 100
58 31.9 24.9 37.3

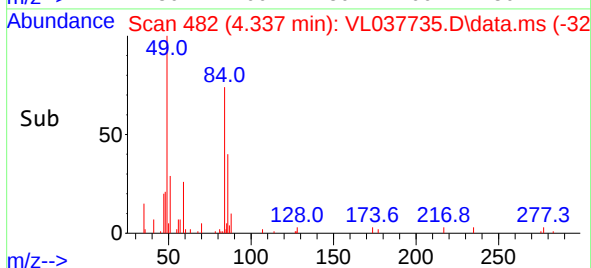
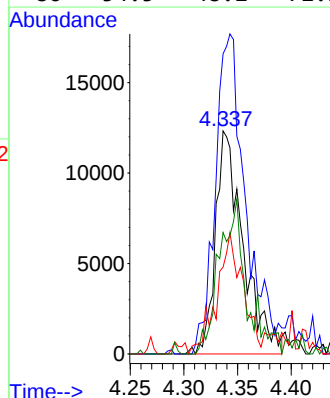
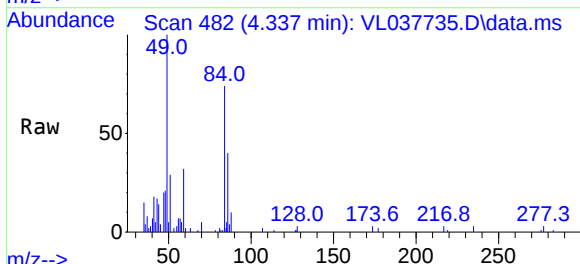
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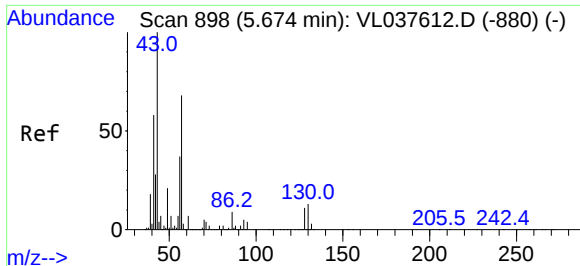
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#20
Methylene Chloride
Concen: 0.40 ppbv m
RT: 4.337 min Scan# 482
Delta R.T. 0.006 min
Lab File: VL037735.D
Acq: 30 Sep 2021 9:58

Tgt Ion: 84 Resp: 22166
Ion Ratio Lower Upper
84 100
49 134.6 120.0 180.0
51 38.9 38.0 57.0
86 54.5 48.2 72.2





#26
Hexane
Concen: 0.18 ppbv m
RT: 5.677 min Scan# 899
Delta R.T. 0.003 min
Lab File: VL037735.D
Acq: 30 Sep 2021 9:58

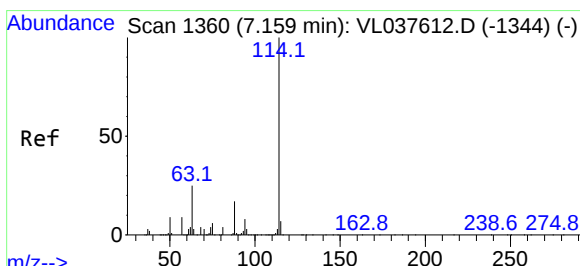
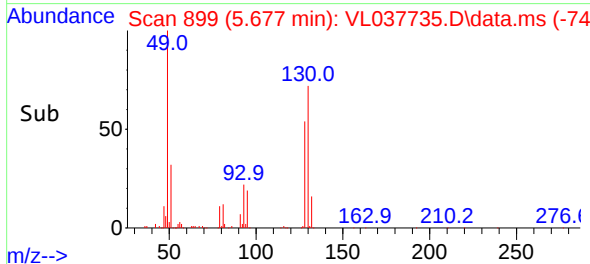
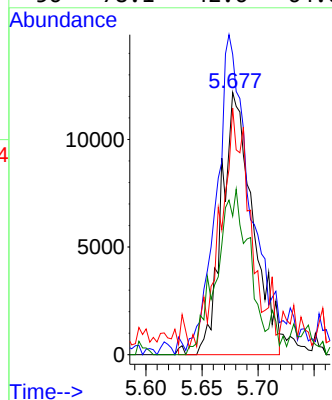
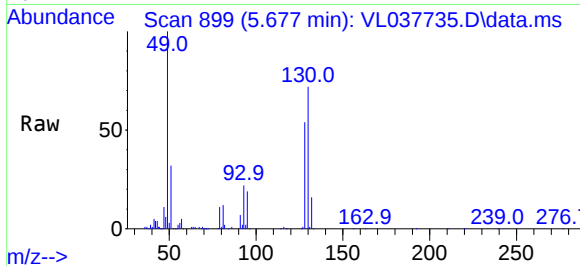
Instrument :
MSVOA_L
ClientSampleId :
SV4DL2DUP

Tgt Ion: 57 Resp: 23669

Ion	Ratio	Lower	Upper
57	100		
41	142.7	70.9	106.3#
43	97.7	170.4	255.6#
56	78.1	42.6	64.0#

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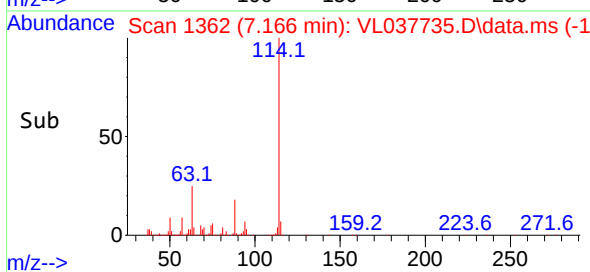
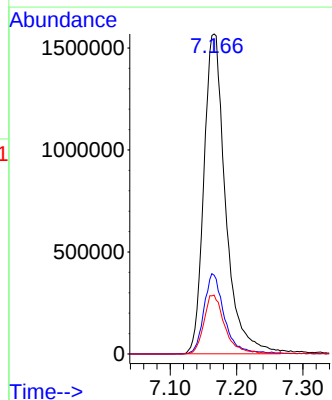
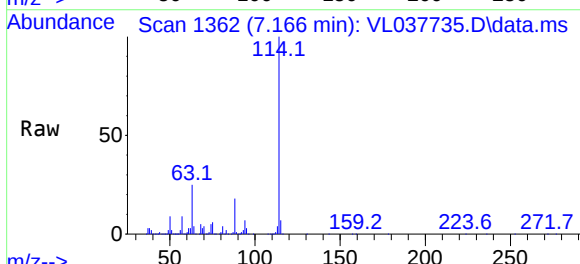
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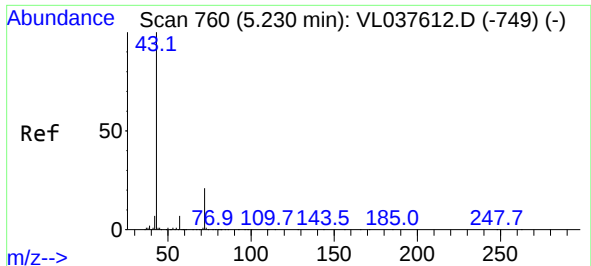


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.166 min Scan# 1362
Delta R.T. 0.006 min
Lab File: VL037735.D
Acq: 30 Sep 2021 9:58

Tgt Ion: 114 Resp: 3565324

Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.6	29.4
88	18.1	14.2	21.4





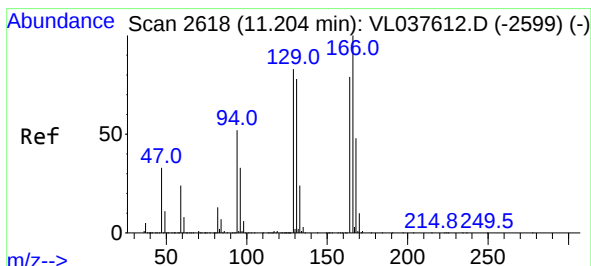
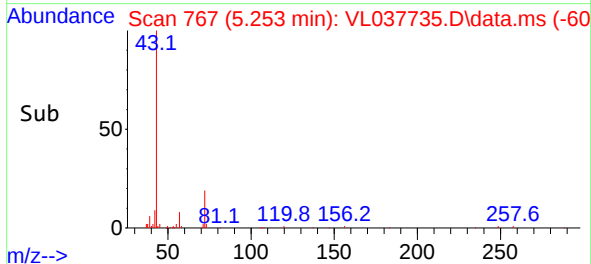
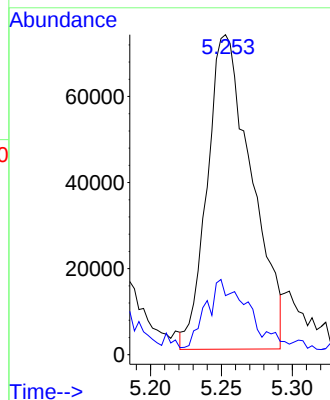
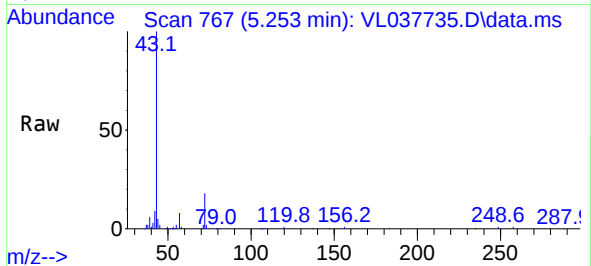
#34
2-Butanone
Concen: 1.10 ppbv
RT: 5.253 min Scan# 767
Delta R.T. 0.023 min
Lab File: VL037735.D
Acq: 30 Sep 2021 9:58

Tgt Ion: 43 Resp: 159039
Ion Ratio Lower Upper
43 100
72 30.1 18.4 27.6#

Instrument :
MSVOA_L
ClientSampleId :
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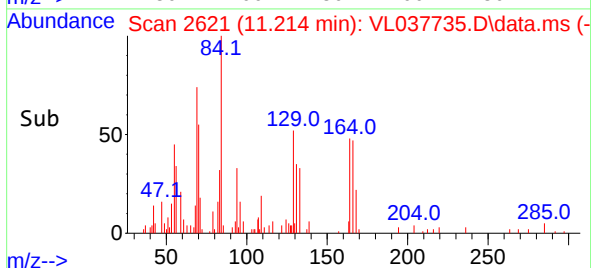
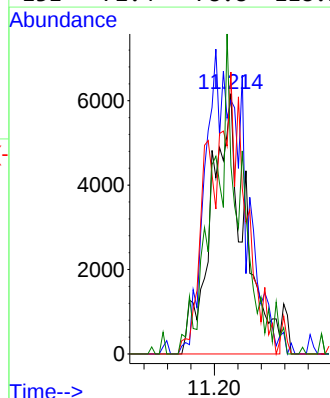
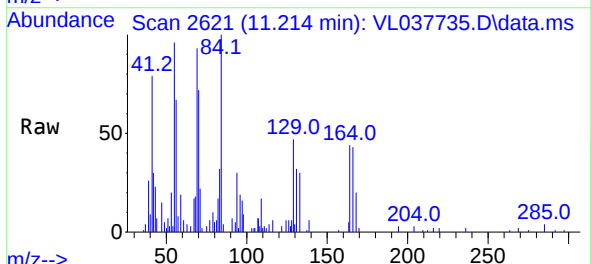
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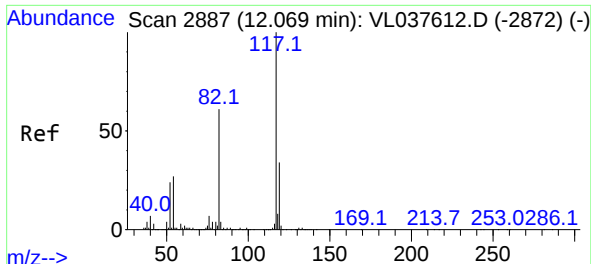
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10/1/2021 11:09:27 AM



#52
Tetrachloroethene
Concen: 0.11 ppbv m
RT: 11.214 min Scan# 2621
Delta R.T. 0.010 min
Lab File: VL037735.D
Acq: 30 Sep 2021 9:58

Tgt Ion: 164 Resp: 12144
Ion Ratio Lower Upper
164 100
166 97.4 101.2 151.8#
129 108.3 84.0 126.0
131 72.4 78.8 118.2#





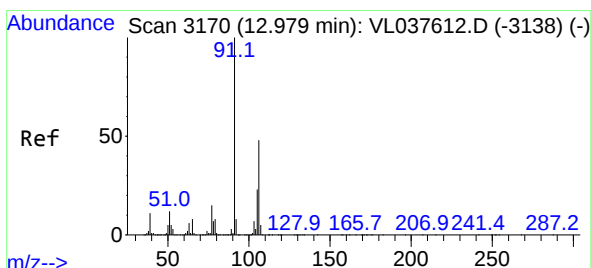
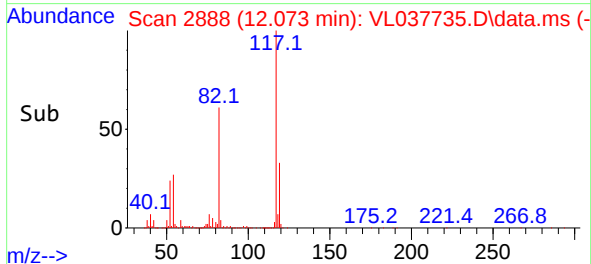
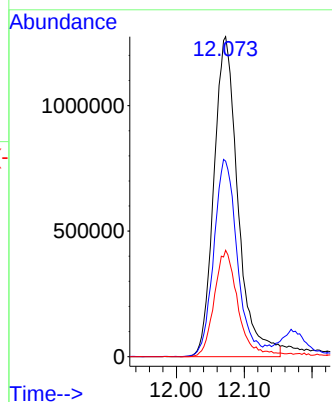
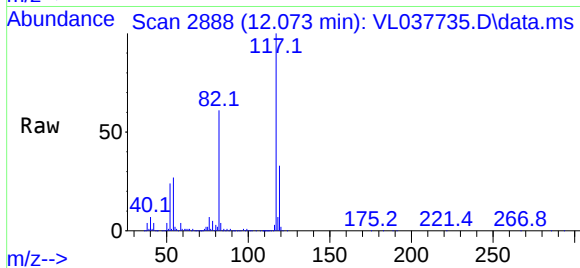
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.073 min Scan# 2888
Delta R.T. 0.003 min
Lab File: VL037735.D
Acq: 30 Sep 2021 9:58

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 117 Resp: 3145397
Ion Ratio Lower Upper
117 100
82 61.1 50.6 75.8
119 32.9 26.2 39.2

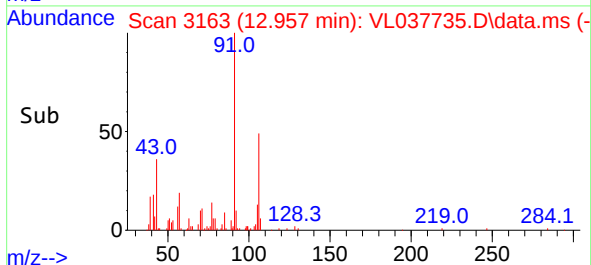
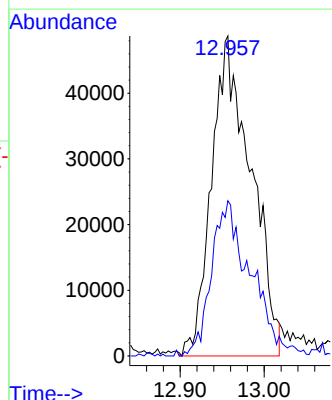
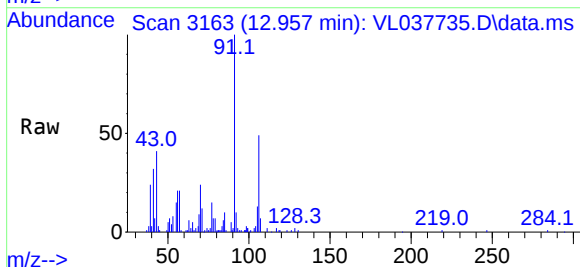
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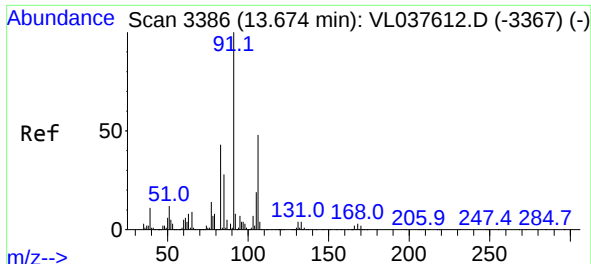
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#59
m/p-Xylene
Concen: 0.43 ppbv m
RT: 12.957 min Scan# 3163
Delta R.T. -0.022 min
Lab File: VL037735.D
Acq: 30 Sep 2021 9:58

Tgt Ion: 91 Resp: 158220
Ion Ratio Lower Upper
91 100
106 0.0 36.6 55.0#





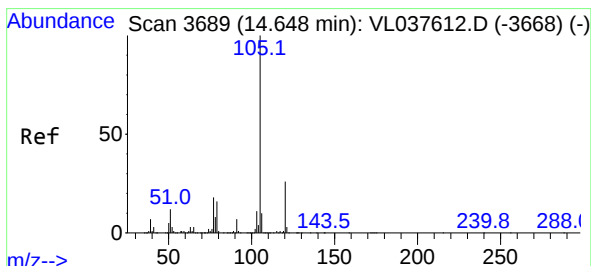
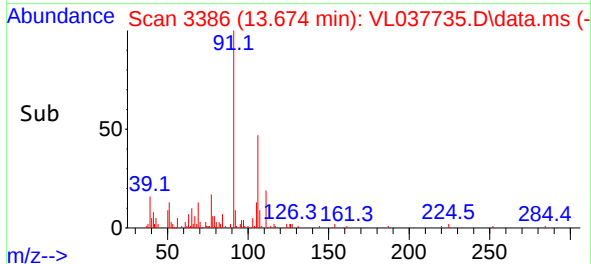
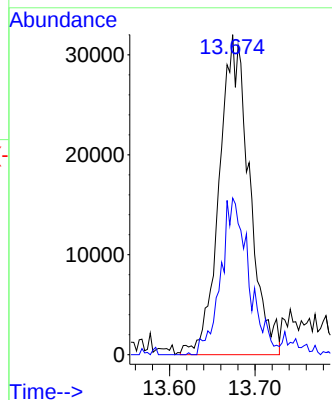
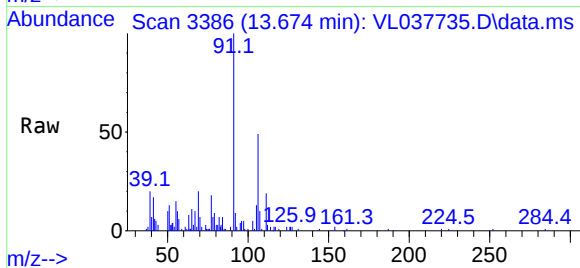
#60
o-Xylene
Concen: 0.23 ppbv m
RT: 13.674 min Scan# 3386
Delta R.T. 0.000 min
Lab File: VL037735.D
Acq: 30 Sep 2021 9:58

Tgt Ion: 91 Resp: 78727
Ion Ratio Lower Upper
91 100
106 0.0 23.0 69.0#

Instrument :
MSVOA_L
ClientSampleId :
SV4DL2DUP

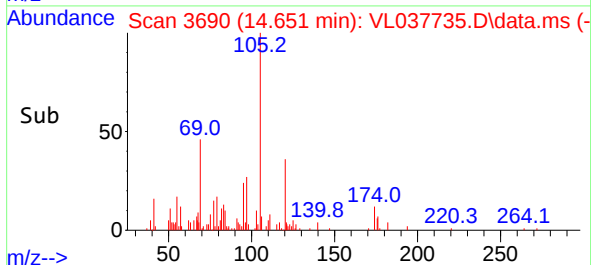
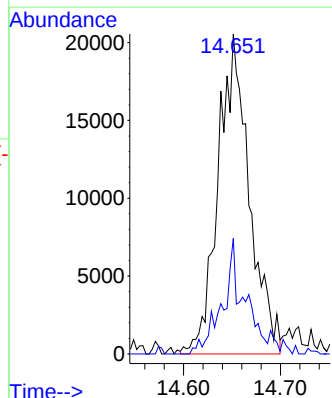
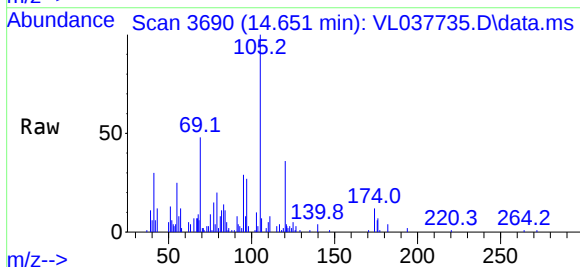
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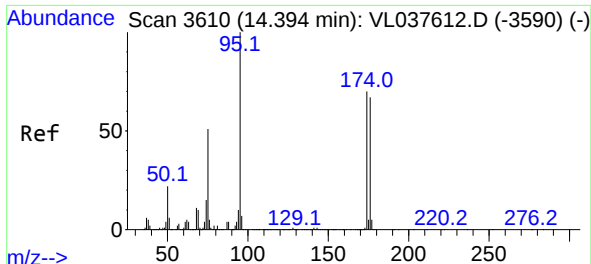
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10/1/2021 11:09:27 AM



#62
Isopropylbenzene
Concen: 0.10 ppbv m
RT: 14.651 min Scan# 3690
Delta R.T. 0.003 min
Lab File: VL037735.D
Acq: 30 Sep 2021 9:58

Tgt Ion: 105 Resp: 46026
Ion Ratio Lower Upper
105 100
120 27.5 21.4 32.0





#68
1-Bromo-4-Fluorobenzene
Concen: 10.08 ppbv
RT: 14.397 min Scan# 3611
Delta R.T. 0.003 min
Lab File: VL037735.D
Acq: 30 Sep 2021 9:58

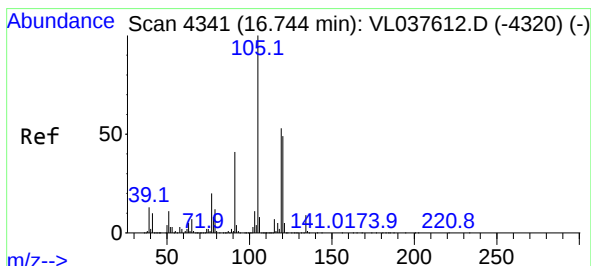
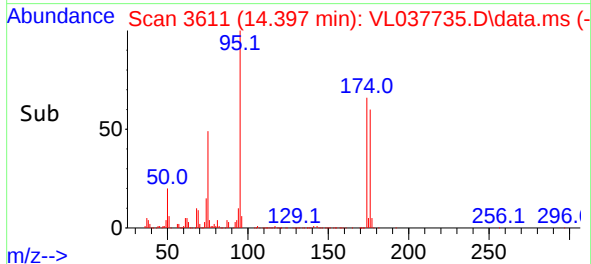
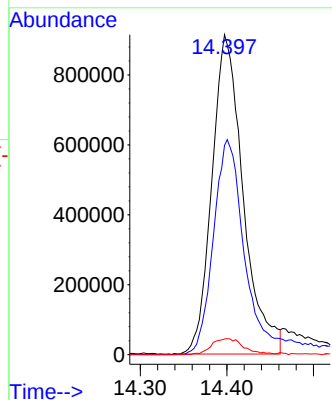
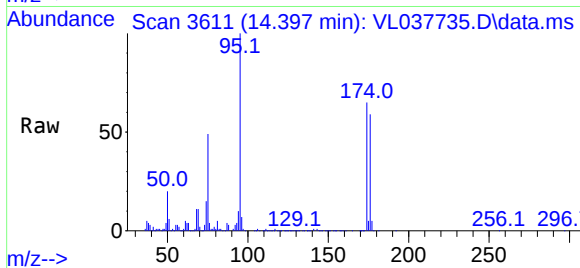
Tgt Ion: 95 Resp: 2290504

Ion	Ratio	Lower	Upper
95	100		
174	74.1	56.3	84.5
175	5.6	4.4	6.6

Instrument :
MSVOA_L
ClientSampleId :
SV4DL2DUP

Manual Integrations
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SAM
10/1/2021 11:09:27 AM



#74
1,2,4-Trimethylbenzene
Concen: 0.20 ppbv
RT: 16.744 min Scan# 4341
Delta R.T. 0.000 min
Lab File: VL037735.D
Acq: 30 Sep 2021 9:58

Tgt Ion: 105 Resp: 79137

Ion	Ratio	Lower	Upper
105	100		
120	42.6	39.4	59.0
91	13.9	33.3	49.9#
77	11.7	15.7	23.5#

