

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090821\
 Data File : VL037575.D
 Acq On : 8 Sep 2021 17:00
 Operator : SY/AP
 Sample : M3662-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Manual Integrations
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 9/10/2021 10:52:34 AM

Quant Time: Sep 09 09:13:06 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.677	49	1658773	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.189	114	4962846	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.098	117	4250874	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.430	95	2995693	9.919	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						
					Qvalue	
9) Propene	3.025	41	29364m	0.258	ppbv	
13) Ethanol	3.629	45	118534m	10.718	ppbv	
15) Acetone	3.867	43	237132	1.405	ppbv #	65
19) Isopropyl Alcohol	3.986	45	68390m	0.707	ppbv	
20) Methylene Chloride	4.356	84	46070	0.545	ppbv #	79
26) Hexane	5.697	57	65955	0.315	ppbv #	53
29) Chloroform	5.764	83	88108	0.297	ppbv	95
58) Ethyl Benzene	12.725	91	204301m	0.346	ppbv	
59) m/p-Xylene	12.976	91	1595686m	3.120	ppbv	
60) o-Xylene	13.703	91	660204	1.383	ppbv	99

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

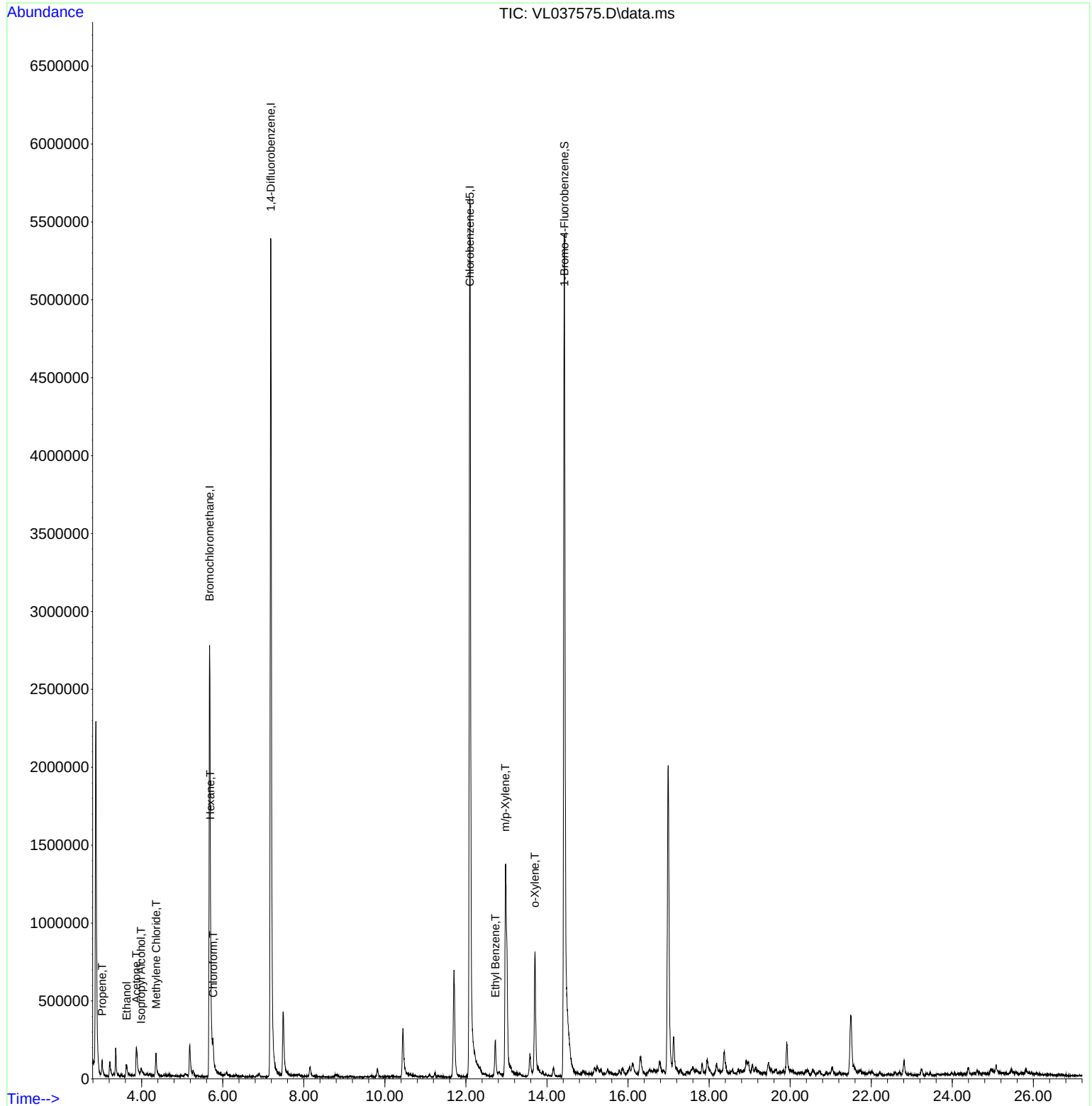
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090821\
Data File : VL037575.D
Acq On : 8 Sep 2021 17:00
Operator : SY/AP
Sample : M3662-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

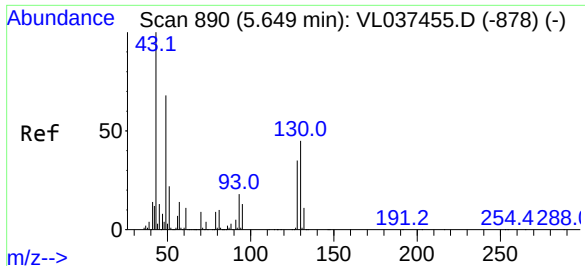
Instrument :
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ClientSampleId :
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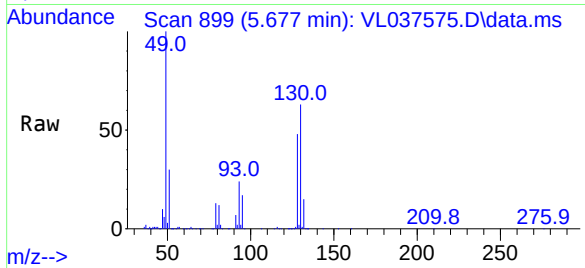
Quant Time: Sep 09 09:13:06 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 899
Delta R.T. 0.029 min
Lab File: VL037575.D
Acq: 8 Sep 2021 17:00

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

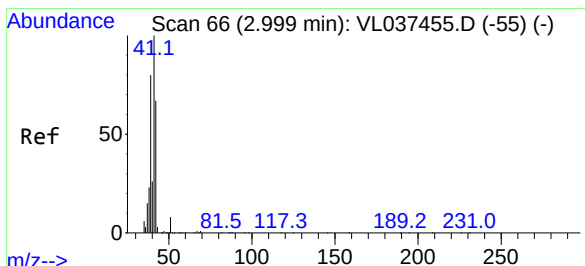
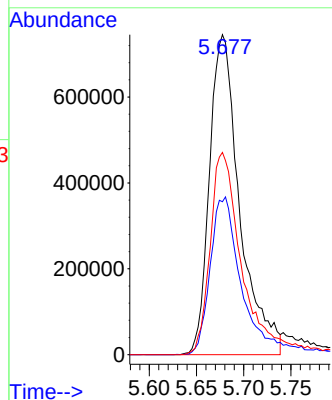
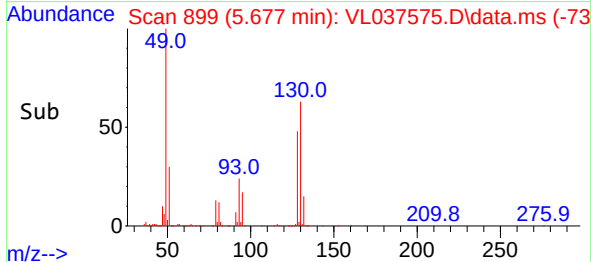


Tgt Ion: 49 Resp: 1658773

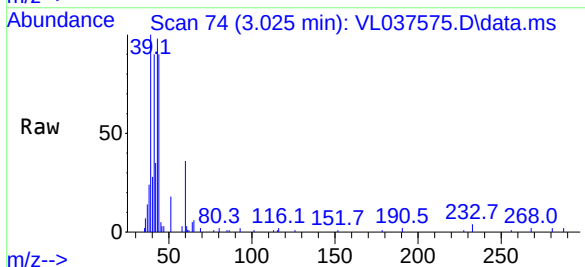
Ion	Ratio	Lower	Upper
49	100		
128	53.6	27.5	82.4
130	69.4	34.0	101.8

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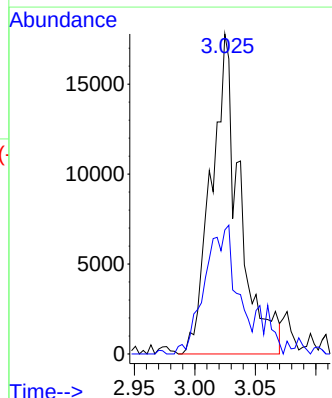
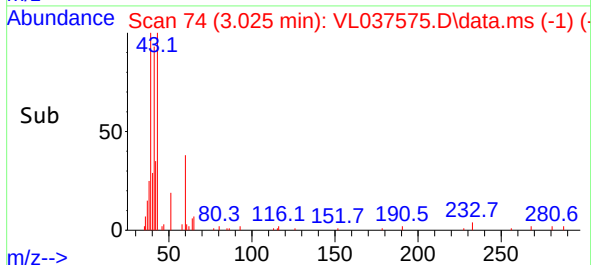


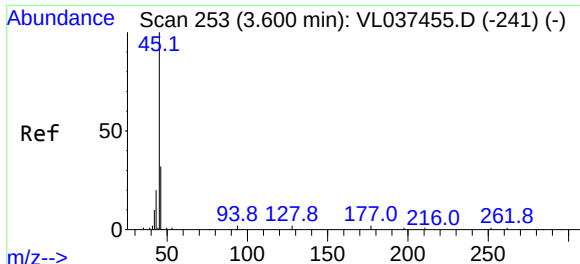
#9
Propene
Concen: 0.258 ppbv m
RT: 3.025 min Scan# 74
Delta R.T. 0.026 min
Lab File: VL037575.D
Acq: 8 Sep 2021 17:00



Tgt Ion: 41 Resp: 29364

Ion	Ratio	Lower	Upper
41	100		
42	55.3	53.7	80.5





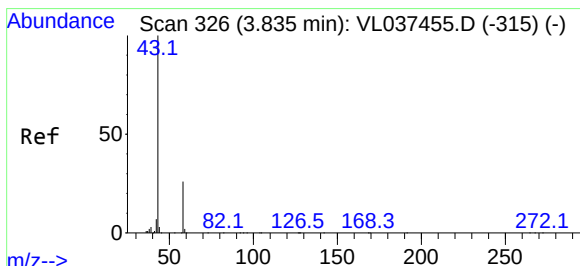
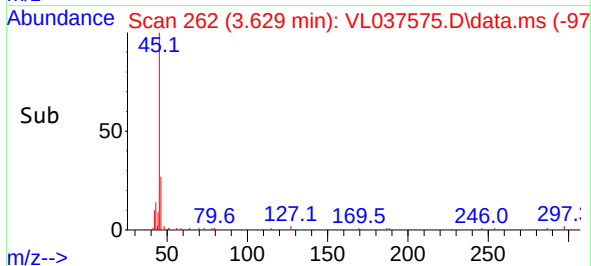
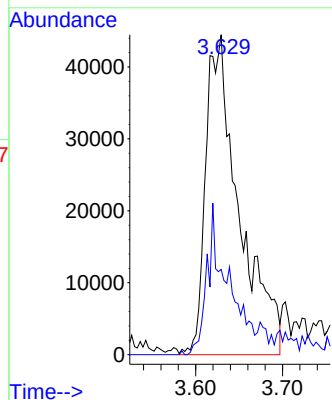
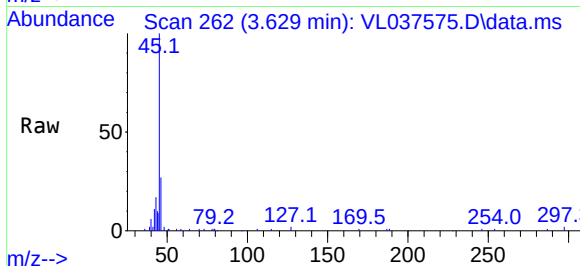
#13
Ethanol
Concen: 10.718 ppbv m
RT: 3.629 min Scan# 262
Delta R.T. 0.029 min
Lab File: VL037575.D
Acq: 8 Sep 2021 17:00

Tgt Ion: 45 Resp: 118534
Ion Ratio Lower Upper
45 100
46 33.4 14.1 56.5

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

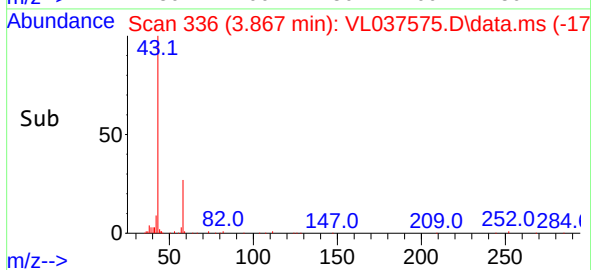
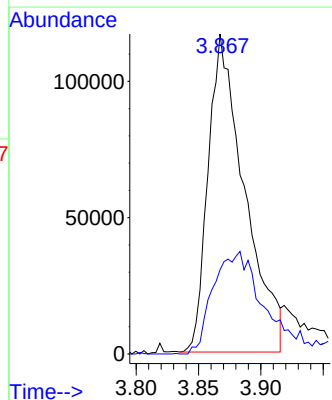
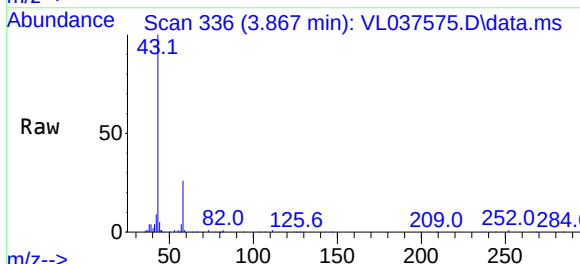
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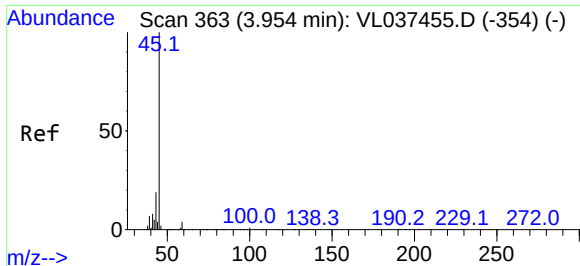
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#15
Acetone
Concen: 1.405 ppbv
RT: 3.867 min Scan# 336
Delta R.T. 0.032 min
Lab File: VL037575.D
Acq: 8 Sep 2021 17:00

Tgt Ion: 43 Resp: 237132
Ion Ratio Lower Upper
43 100
58 50.1 24.8 37.2#





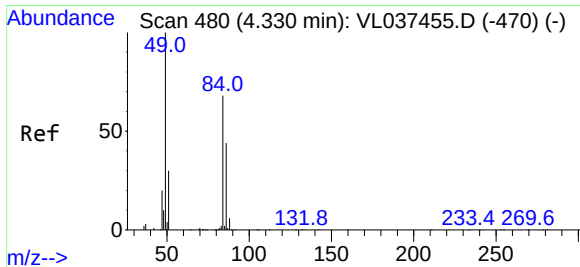
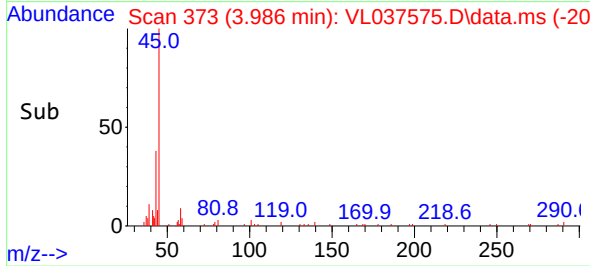
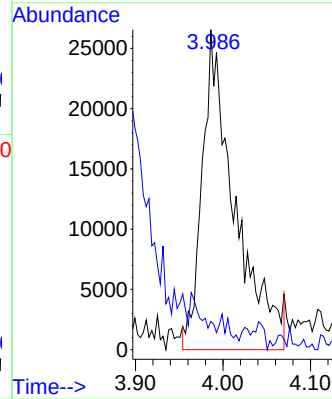
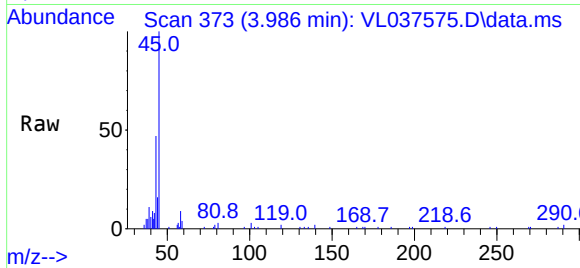
#19
Isopropyl Alcohol
Concen: 0.707 ppbv m
RT: 3.986 min Scan# 373
Delta R.T. 0.032 min
Lab File: VL037575.D
Acq: 8 Sep 2021 17:00

Tgt Ion: 45 Resp: 68390
Ion Ratio Lower Upper
45 100
58 0.0 1.4 2.2#

Instrument :
MSVOA_L
ClientSampled :
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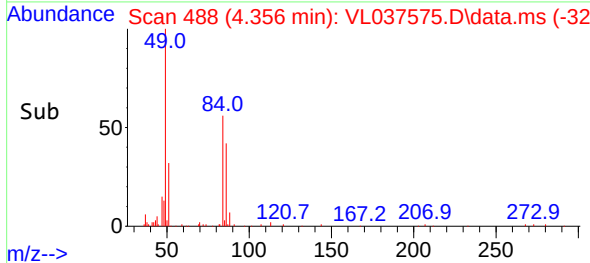
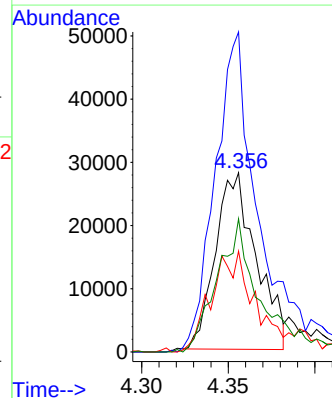
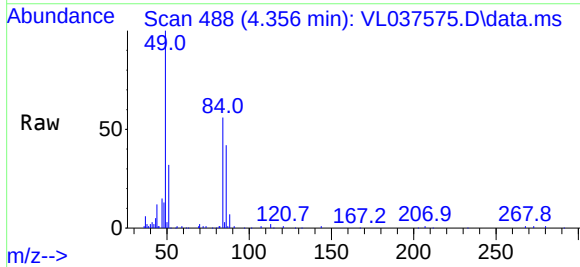
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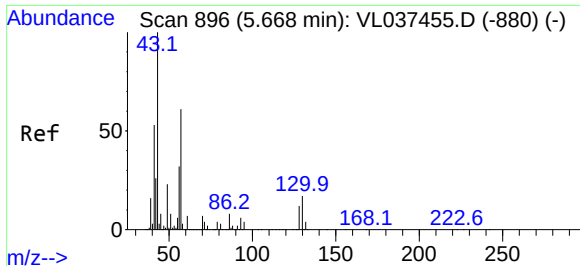
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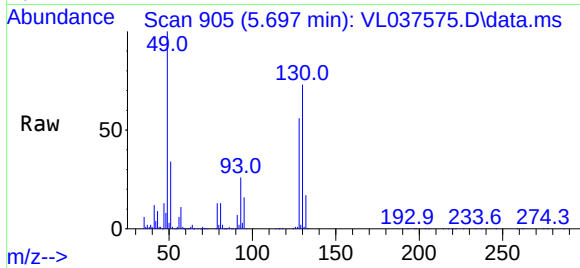
#20
Methylene Chloride
Concen: 0.545 ppbv
RT: 4.356 min Scan# 488
Delta R.T. 0.026 min
Lab File: VL037575.D
Acq: 8 Sep 2021 17:00

Tgt Ion: 84 Resp: 46070
Ion Ratio Lower Upper
84 100
49 179.1 118.2 177.2#
51 56.1 36.6 55.0#
86 75.6 51.8 77.6



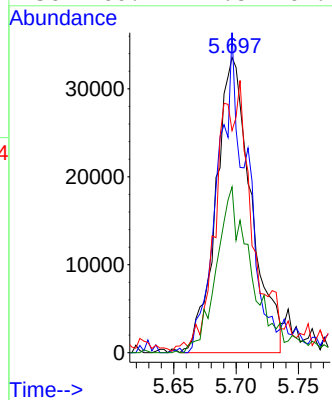


#26
Hexane
Concen: 0.315 ppbv
RT: 5.697 min Scan# 905
Delta R.T. 0.029 min
Lab File: VL037575.D
Acq: 8 Sep 2021 17:00



Tgt Ion: 57 Resp: 65955

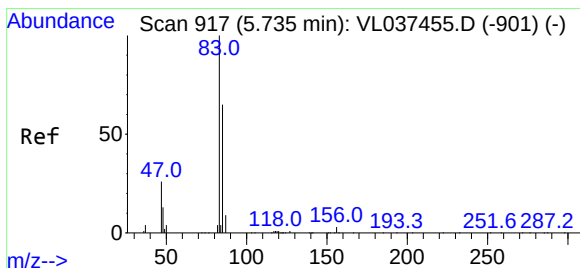
Ion	Ratio	Lower	Upper
57	100		
41	95.0	72.3	108.5
43	98.8	172.3	258.5#
56	60.1	42.8	64.2



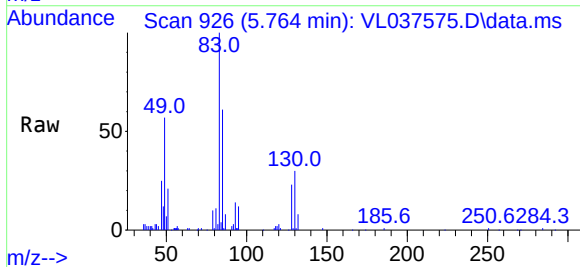
Instrument :
MSVOA_L
ClientSampleId :
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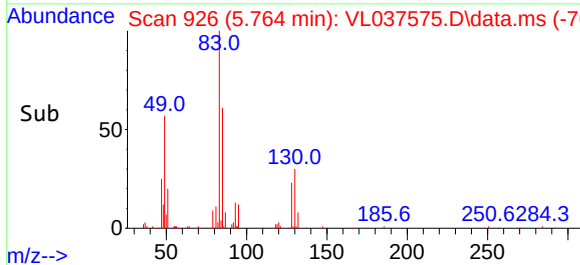
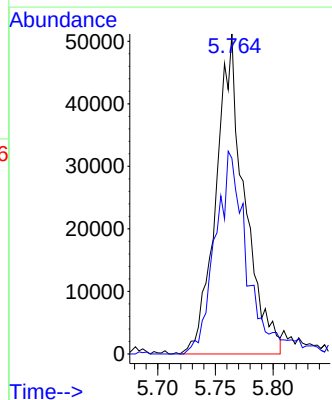


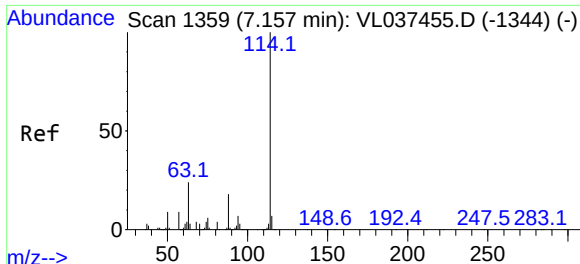
#29
Chloroform
Concen: 0.297 ppbv
RT: 5.764 min Scan# 926
Delta R.T. 0.029 min
Lab File: VL037575.D
Acq: 8 Sep 2021 17:00



Tgt Ion: 83 Resp: 88108

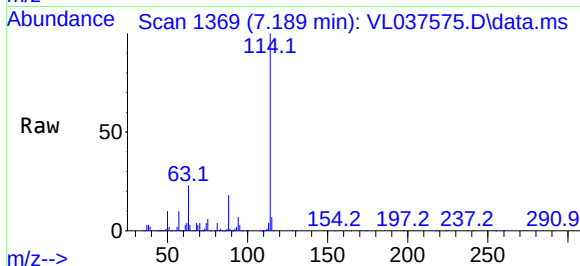
Ion	Ratio	Lower	Upper
83	100		
85	61.1	52.3	78.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.189 min Scan# 1369
Delta R.T. 0.032 min
Lab File: VL037575.D
Acq: 8 Sep 2021 17:00

Instrument :
MSVOA_L
ClientSampled :
IA-1DL

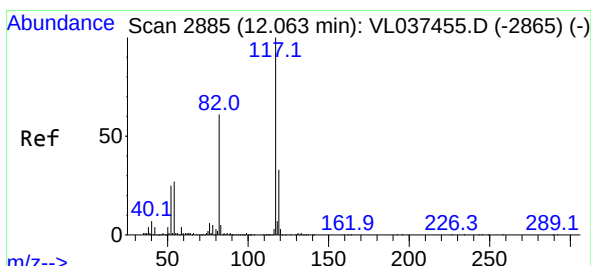
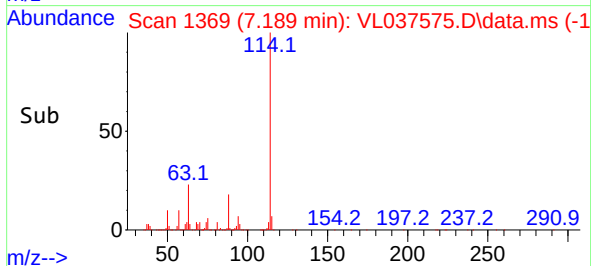
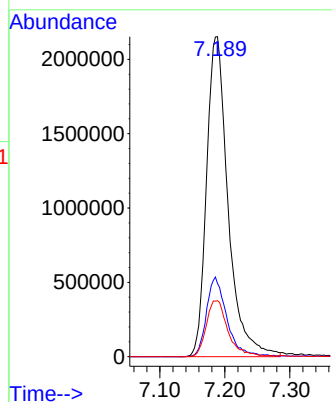


Tgt Ion:114 Resp: 4962846

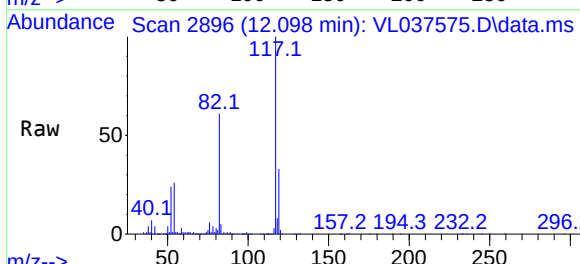
Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.3	28.9
88	18.0	14.2	21.4

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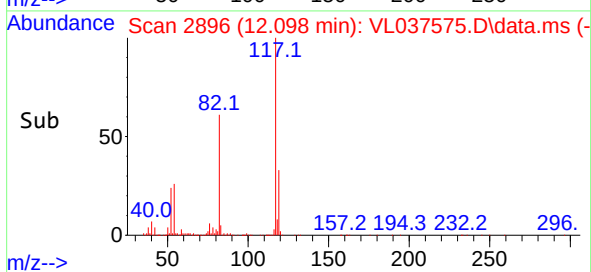
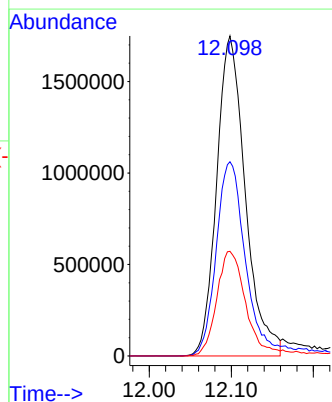


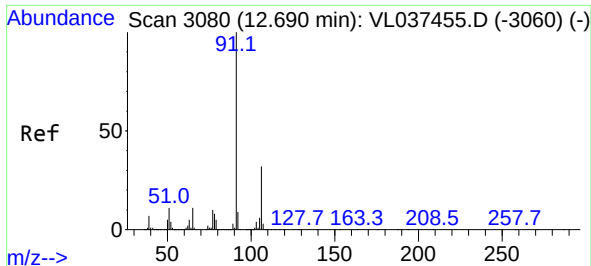
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.098 min Scan# 2896
Delta R.T. 0.035 min
Lab File: VL037575.D
Acq: 8 Sep 2021 17:00



Tgt Ion:117 Resp: 4250874

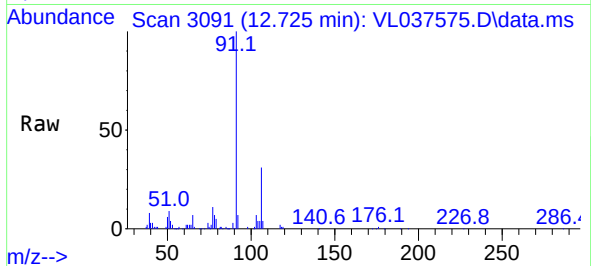
Ion	Ratio	Lower	Upper
117	100		
82	65.1	52.9	79.3
119	35.3	24.8	37.2





#58
Ethyl Benzene
Concen: 0.346 ppbv m
RT: 12.725 min Scan# 3091
Delta R.T. 0.035 min
Lab File: VL037575.D
Acq: 8 Sep 2021 17:00

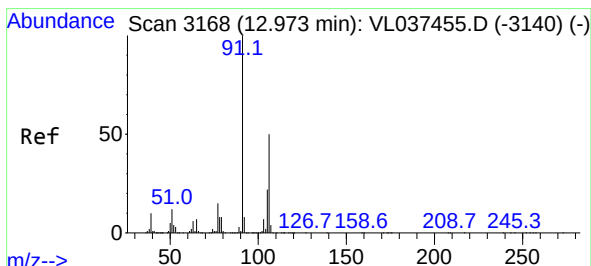
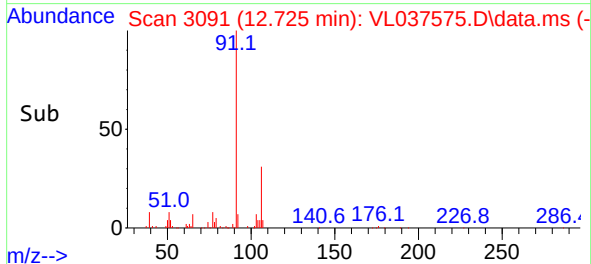
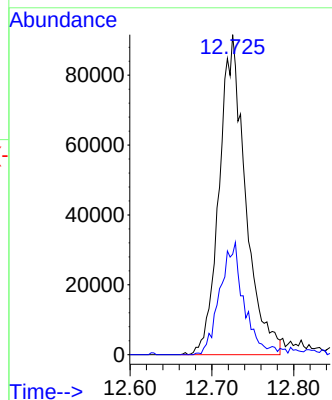
Instrument :
MSVOA_L
ClientSampled :
IA-1DL



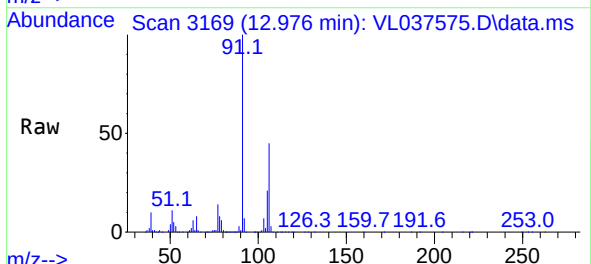
Tgt Ion: 91 Resp: 204301
Ion Ratio Lower Upper
91 100
106 31.4 25.7 38.5

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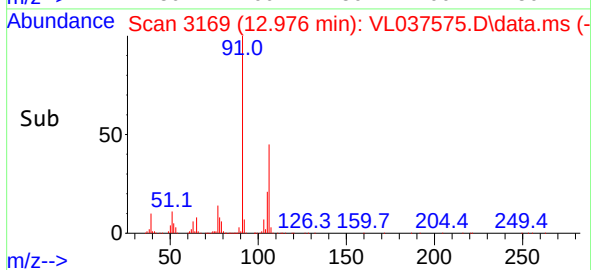
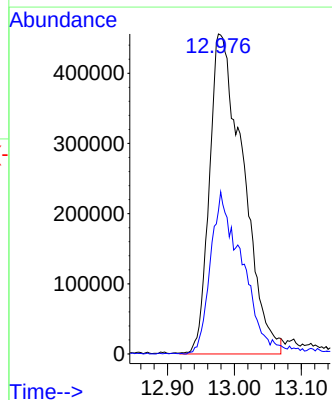
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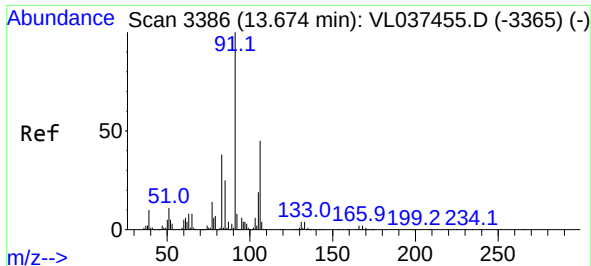


#59
m/p-Xylene
Concen: 3.120 ppbv m
RT: 12.976 min Scan# 3169
Delta R.T. 0.003 min
Lab File: VL037575.D
Acq: 8 Sep 2021 17:00



Tgt Ion: 91 Resp: 1595686
Ion Ratio Lower Upper
91 100
106 0.0 36.9 55.3#





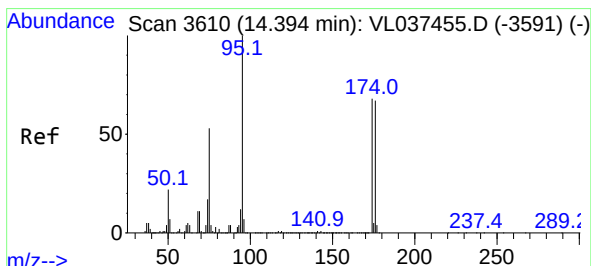
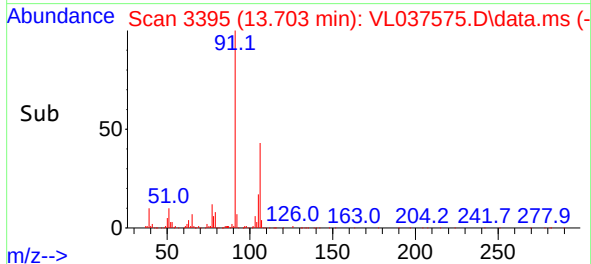
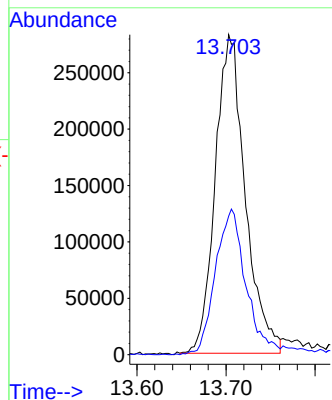
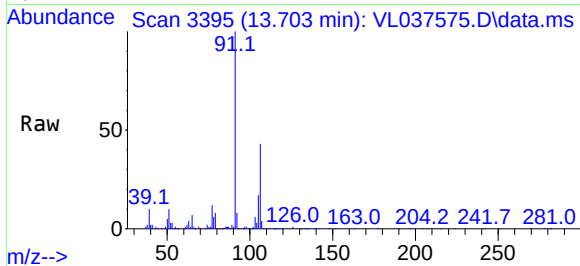
#60
o-Xylene
Concen: 1.383 ppbv
RT: 13.703 min Scan# 3395
Delta R.T. 0.029 min
Lab File: VL037575.D
Acq: 8 Sep 2021 17:00

Instrument :
MSVOA_L
ClientSampled :
IA-1DL

Tgt Ion: 91 Resp: 660204
Ion Ratio Lower Upper
91 100
106 48.2 23.7 71.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.919 ppbv
RT: 14.430 min Scan# 3621
Delta R.T. 0.035 min
Lab File: VL037575.D
Acq: 8 Sep 2021 17:00

Tgt Ion: 95 Resp: 2995693
Ion Ratio Lower Upper
95 100
174 80.3 59.6 89.4
175 5.5 4.6 7.0

