

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090821\
 Data File : VL037579.D
 Acq On : 8 Sep 2021 19:48
 Operator : SY/AP
 Sample : M3663-01DL 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 10:52:46 AM

Quant Time: Sep 09 09:13:52 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	1556305	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.185	114	4723631	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.098	117	4265056	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.426	95	2949867	9.735	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%
Target Compounds						
					Qvalue	
9) Propene	3.022	41	63899	0.599	ppbv	84
13) Ethanol	3.610	45	784688	75.626	ppbv	92
15) Acetone	3.864	43	229181	1.447	ppbv #	74
19) Isopropyl Alcohol	3.970	45	1793498	19.765	ppbv #	97
20) Methylene Chloride	4.356	84	73230m	0.923	ppbv	
26) Hexane	5.700	57	82830	0.421	ppbv #	54
52) Tetrachloroethene	11.224	164	25379m	0.156	ppbv	
53) Toluene	9.819	91	76002	0.168	ppbv	100

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

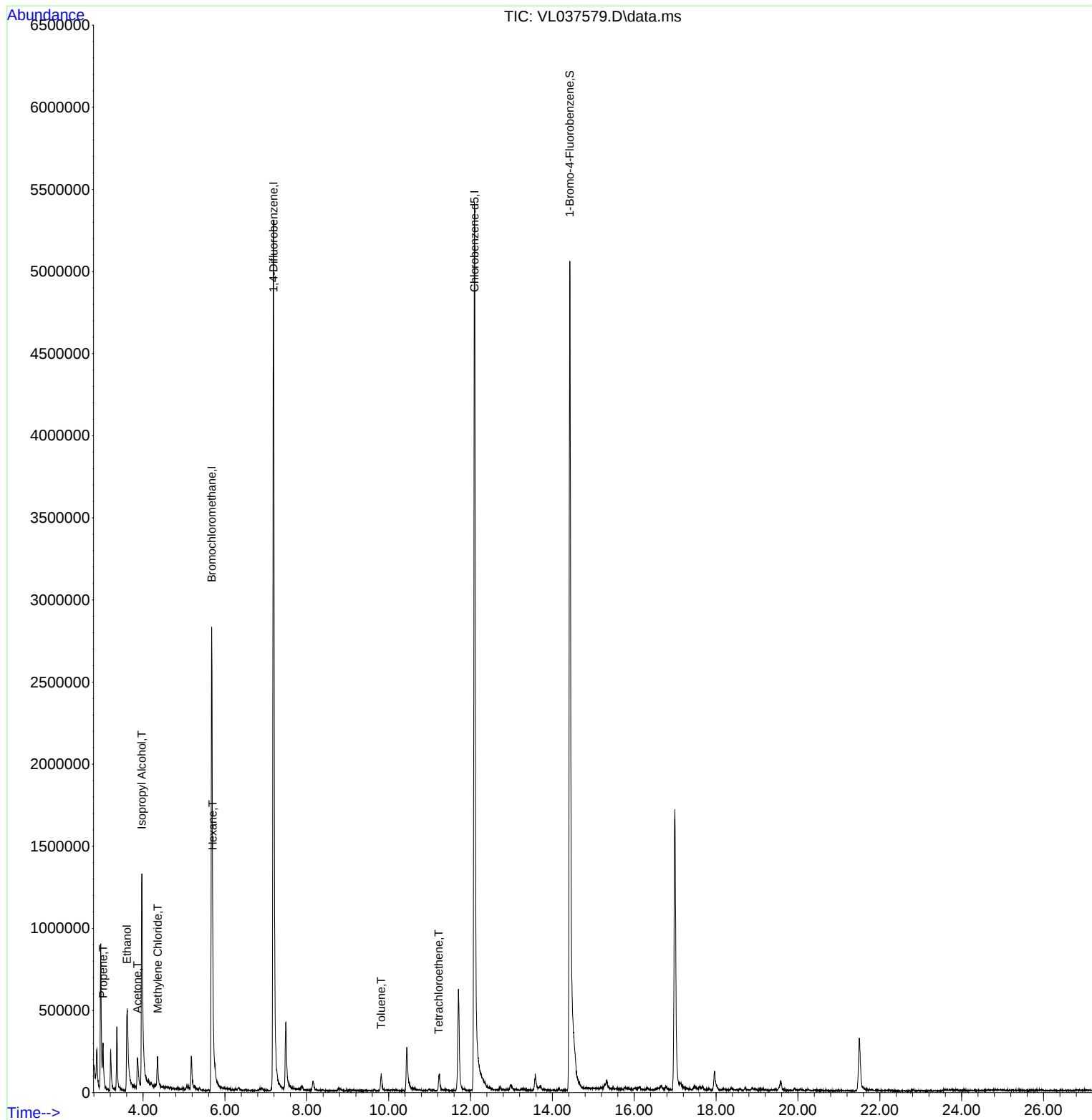
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090821\
Data File : VL037579.D
Acq On : 8 Sep 2021 19:48
Operator : SY/AP
Sample : M3663-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

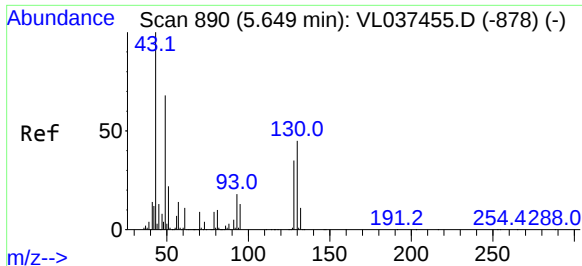
Instrument :
MSVOA_L
ClientSampleId :
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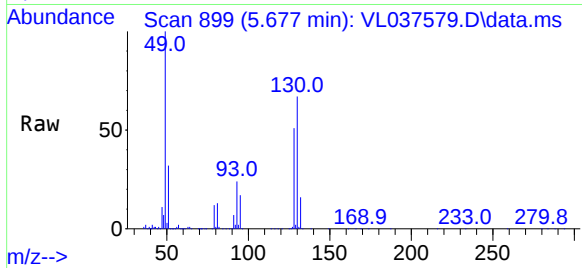
Quant Time: Sep 09 09:13:52 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 899
Delta R.T. 0.029 min
Lab File: VL037579.D
Acq: 8 Sep 2021 19:48

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

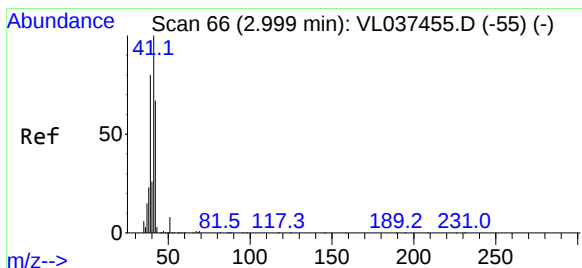
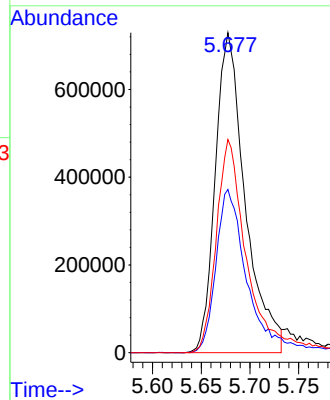
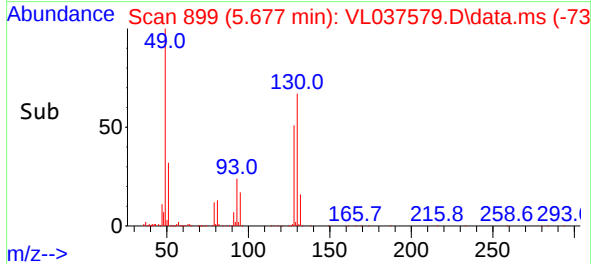


Tgt Ion: 49 Resp: 1556305

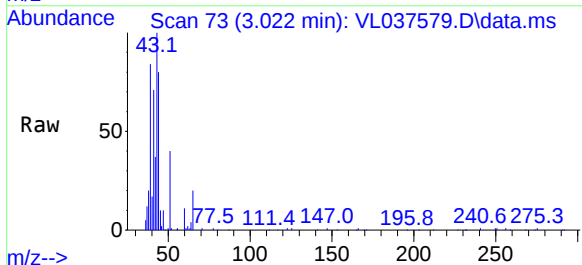
Ion	Ratio	Lower	Upper
49	100		
128	56.0	27.5	82.4
130	69.7	34.0	101.8

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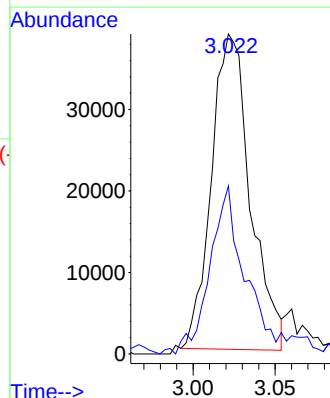
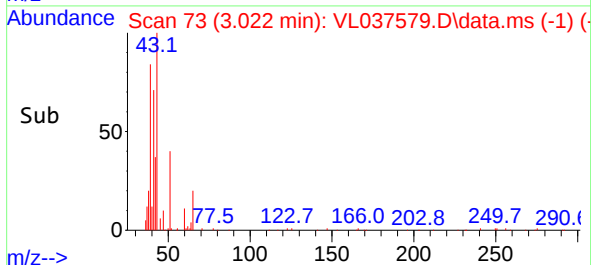


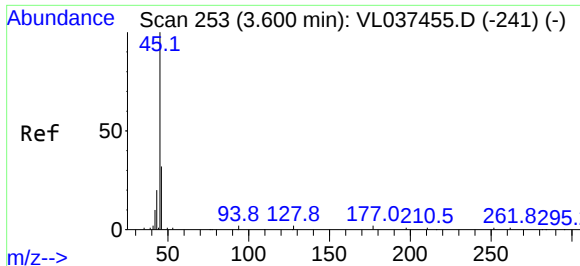
#9
Propene
Concen: 0.599 ppbv
RT: 3.022 min Scan# 73
Delta R.T. 0.022 min
Lab File: VL037579.D
Acq: 8 Sep 2021 19:48



Tgt Ion: 41 Resp: 63899

Ion	Ratio	Lower	Upper
41	100		
42	54.0	53.7	80.5





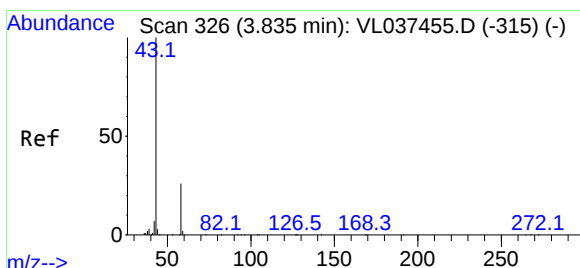
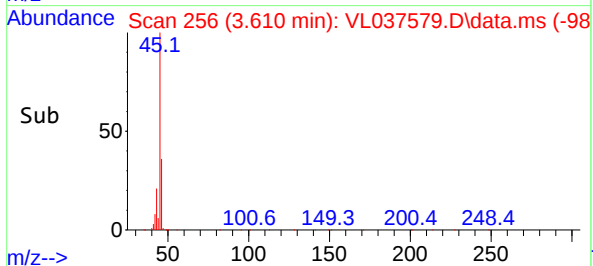
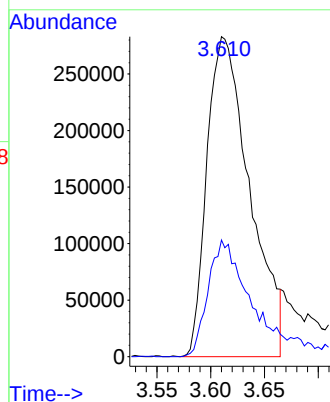
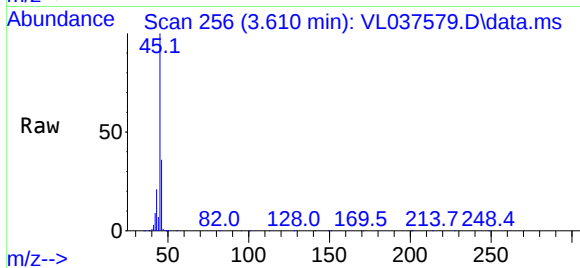
#13
Ethanol
Concen: 75.626 ppbv
RT: 3.610 min Scan# 256
Delta R.T. 0.010 min
Lab File: VL037579.D
Acq: 8 Sep 2021 19:48

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion: 45 Resp: 784688
Ion Ratio Lower Upper
45 100
46 39.7 14.1 56.5

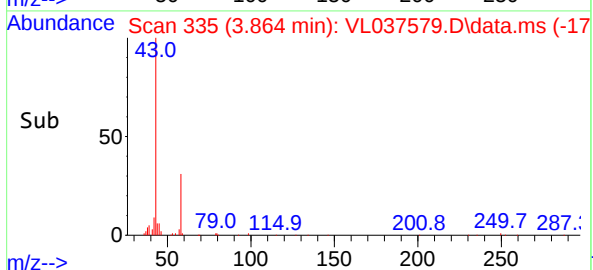
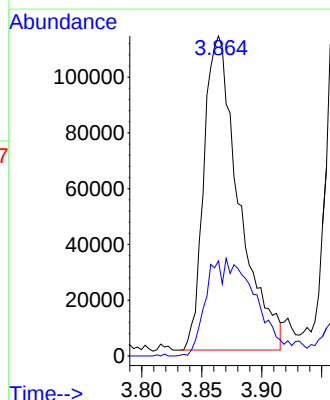
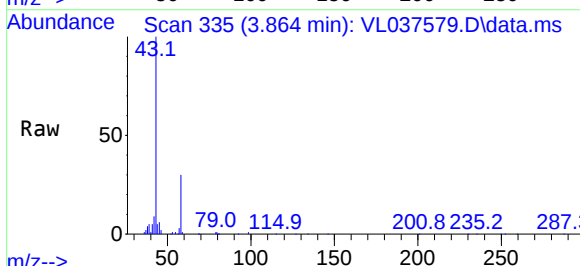
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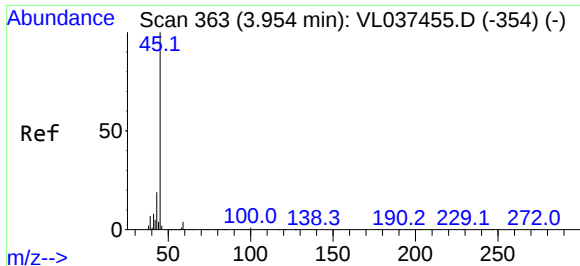
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#15
Acetone
Concen: 1.447 ppbv
RT: 3.864 min Scan# 335
Delta R.T. 0.029 min
Lab File: VL037579.D
Acq: 8 Sep 2021 19:48

Tgt Ion: 43 Resp: 229181
Ion Ratio Lower Upper
43 100
58 45.3 24.8 37.2#





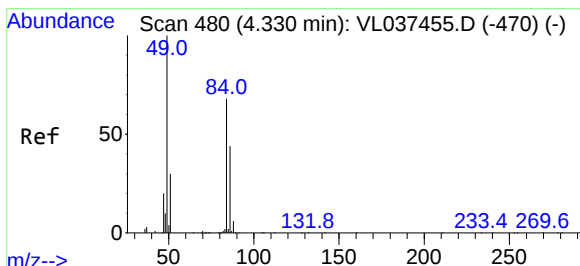
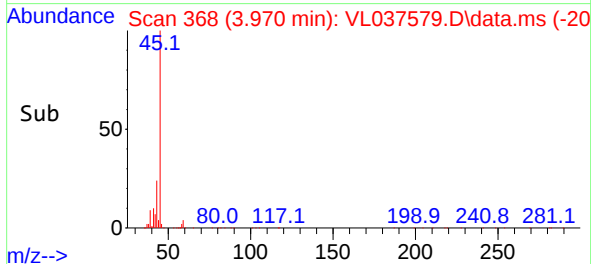
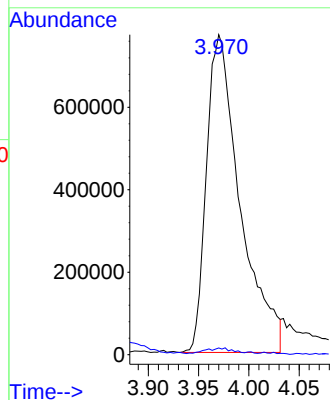
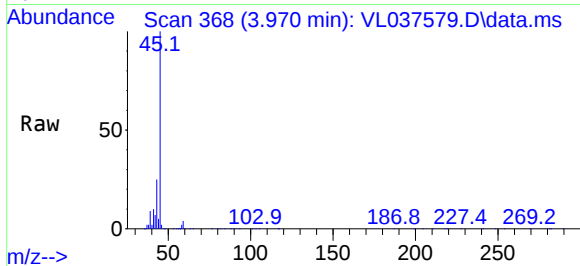
#19
Isopropyl Alcohol
Concen: 19.765 ppbv
RT: 3.970 min Scan# 368
Delta R.T. 0.016 min
Lab File: VL037579.D
Acq: 8 Sep 2021 19:48

Instrument :
MSVOA_L
ClientSampled :
IA-1DL

Tgt Ion: 45 Resp: 1793498
Ion Ratio Lower Upper
45 100
58 2.8 1.4 2.2#

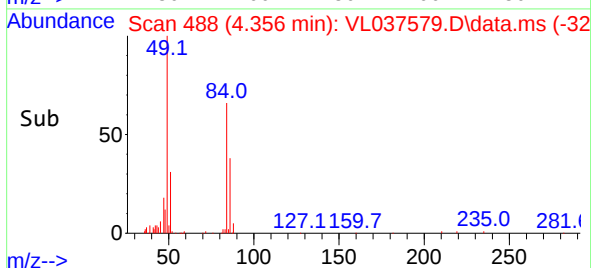
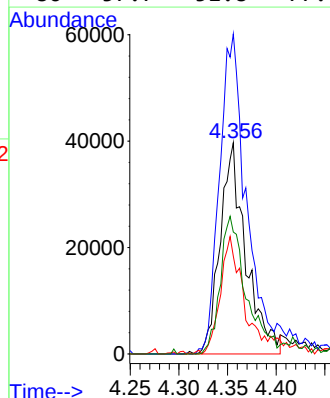
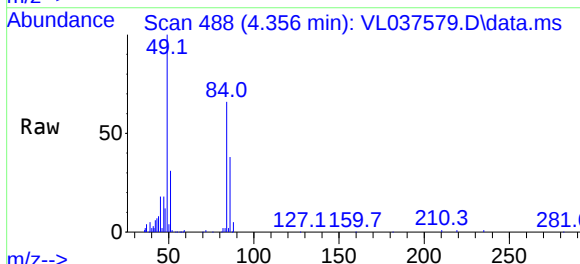
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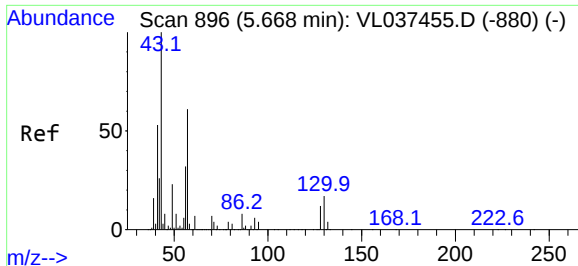
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#20
Methylene Chloride
Concen: 0.923 ppbv m
RT: 4.356 min Scan# 488
Delta R.T. 0.026 min
Lab File: VL037579.D
Acq: 8 Sep 2021 19:48

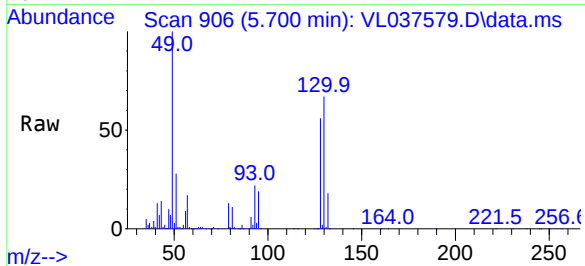
Tgt Ion: 84 Resp: 73230
Ion Ratio Lower Upper
84 100
49 151.5 118.2 177.2
51 46.3 36.6 55.0
86 57.7 51.8 77.6





#26
Hexane
Concen: 0.421 ppbv
RT: 5.700 min Scan# 906
Delta R.T. 0.032 min
Lab File: VL037579.D
Acq: 8 Sep 2021 19:48

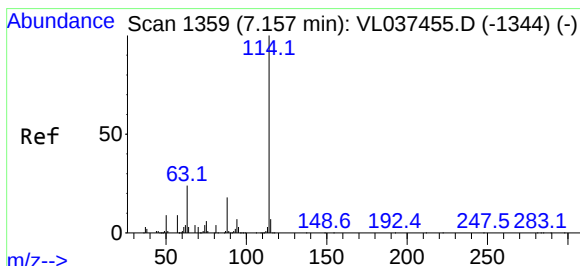
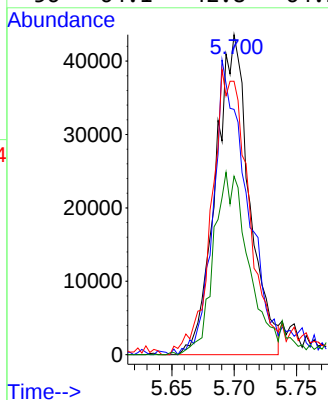
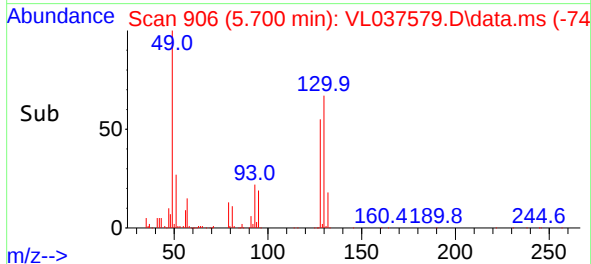
Instrument :
MSVOA_L
ClientSampled :
IA-1DL



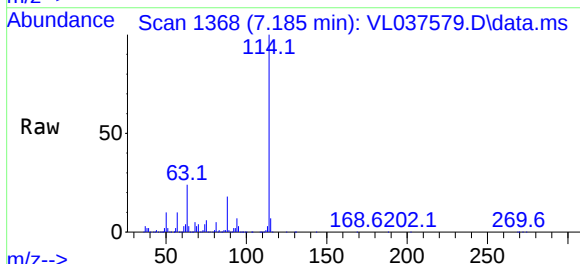
Tgt Ion: 57 Resp: 82830
Ion Ratio Lower Upper
57 100
41 100.5 72.3 108.5
43 105.4 172.3 258.5#
56 64.1 42.8 64.2

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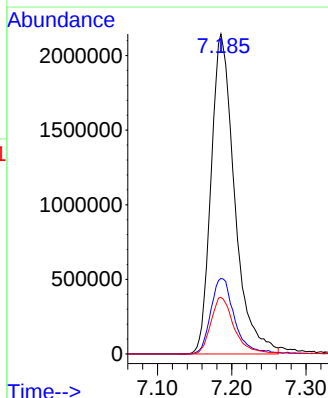
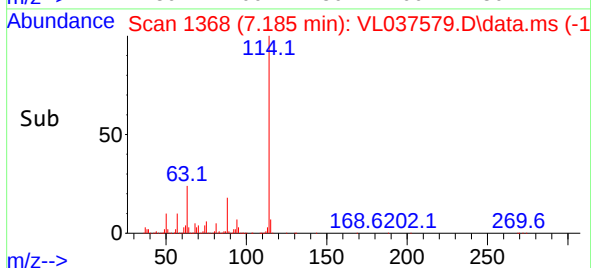
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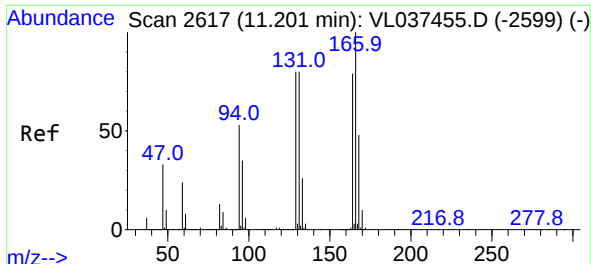


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 1368
Delta R.T. 0.029 min
Lab File: VL037579.D
Acq: 8 Sep 2021 19:48



Tgt Ion: 114 Resp: 4723631
Ion Ratio Lower Upper
114 100
63 24.3 19.3 28.9
88 17.7 14.2 21.4





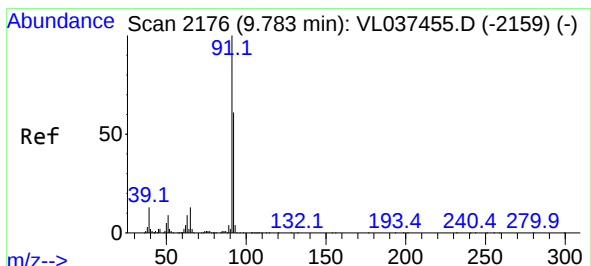
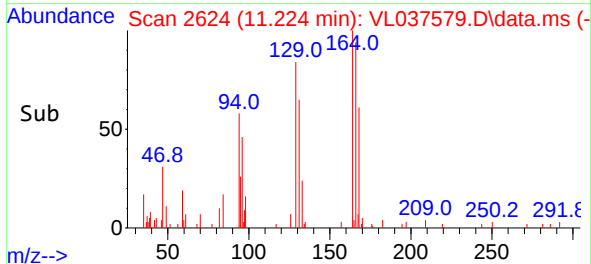
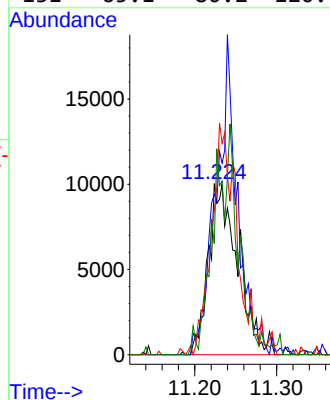
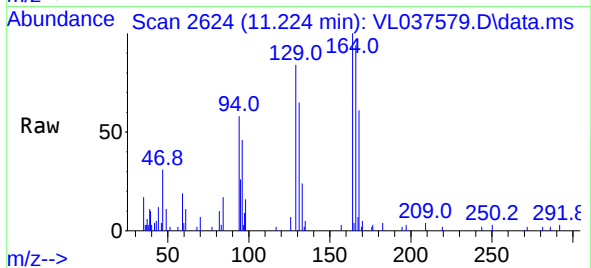
#52
Tetrachloroethene
Concen: 0.156 ppbv m
RT: 11.224 min Scan# 2624
Delta R.T. 0.022 min
Lab File: VL037579.D
Acq: 8 Sep 2021 19:48

Tgt Ion:	164	Resp:	25379
Ion	Ratio	Lower	Upper
164	100		
166	93.8	100.7	151.1#
129	83.9	80.9	121.3
131	65.1	80.2	120.4#

Instrument :
MSVOA_L
ClientSampled :
IA-1DL

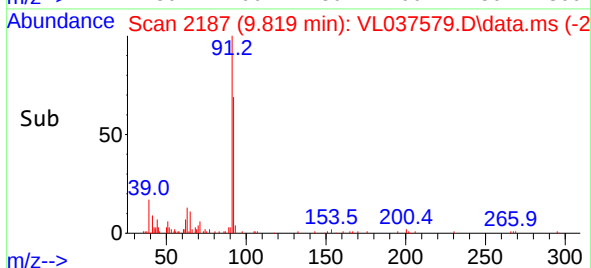
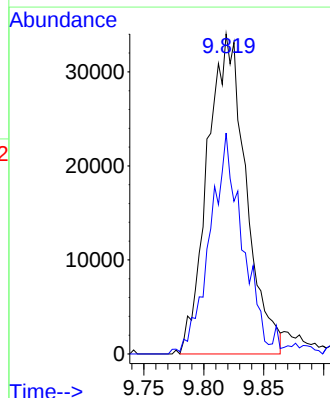
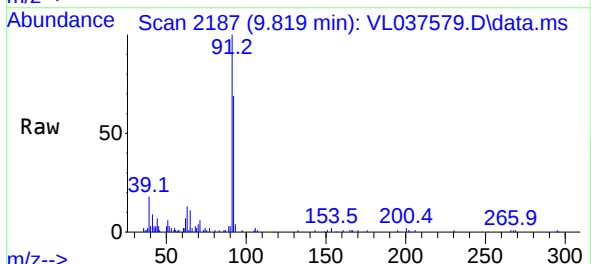
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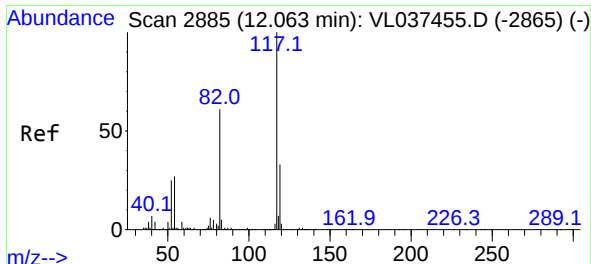
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#53
Toluene
Concen: 0.168 ppbv
RT: 9.819 min Scan# 2187
Delta R.T. 0.035 min
Lab File: VL037579.D
Acq: 8 Sep 2021 19:48

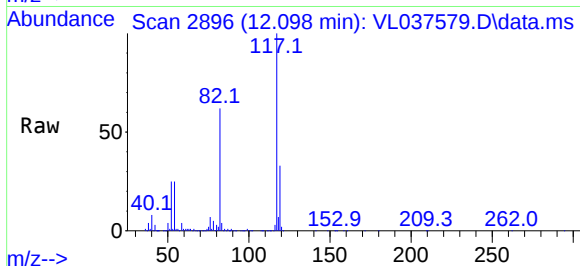
Tgt Ion:	91	Resp:	76002
Ion	Ratio	Lower	Upper
91	100		
92	61.0	48.8	73.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.098 min Scan# 2896
Delta R.T. 0.035 min
Lab File: VL037579.D
Acq: 8 Sep 2021 19:48

Instrument :
MSVOA_L
ClientSampled :
IA-1DL

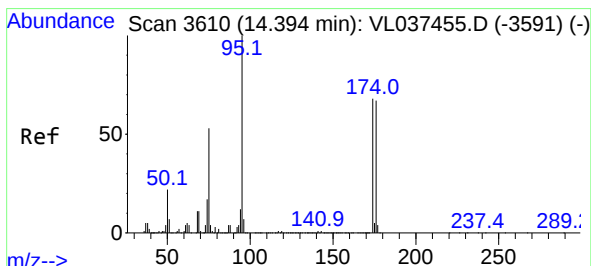
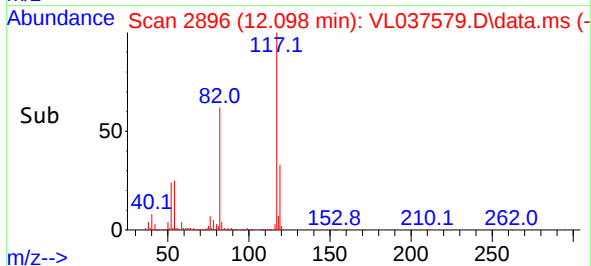
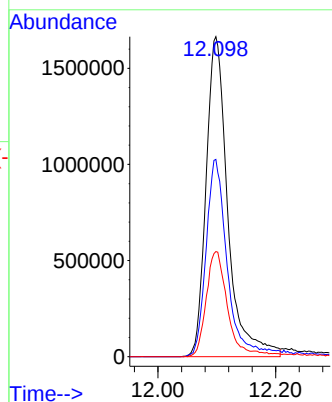


Tgt Ion: 117 Resp: 4265056

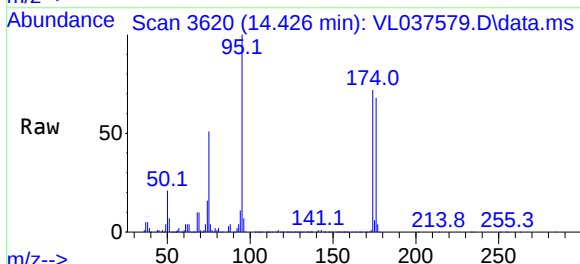
Ion	Ratio	Lower	Upper
117	100		
82	62.4	52.9	79.3
119	33.4	24.8	37.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.735 ppbv
RT: 14.426 min Scan# 3620
Delta R.T. 0.032 min
Lab File: VL037579.D
Acq: 8 Sep 2021 19:48



Tgt Ion: 95 Resp: 2949867

Ion	Ratio	Lower	Upper
95	100		
174	75.6	59.6	89.4
175	5.7	4.6	7.0

