

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090821\
 Data File : VL037581.D
 Acq On : 8 Sep 2021 21:12
 Operator : SY/AP
 Sample : M3663-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2DL

Manual Integrations
 APPROVED

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 9/10/2021 10:53:25 AM

Quant Time: Sep 09 09:14:23 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	5.674	49	1599567	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.185	114	4662197	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.095	117	3991820	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.429	95	2862275	10.093	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.900%	
Target Compounds						
					Qvalue	
9) Propene	3.028	41	111374m	1.016	ppbv	
13) Ethanol	3.610	45	803813	75.374	ppbv	88
15) Acetone	3.861	43	252759	1.553	ppbv #	79
19) Isopropyl Alcohol	3.970	45	1803368	19.336	ppbv #	97
20) Methylene Chloride	4.359	84	101050m	1.240	ppbv	
26) Hexane	5.697	57	109091	0.540	ppbv #	53
52) Tetrachloroethene	11.237	164	36236m	0.226	ppbv	
53) Toluene	9.819	91	61066m	0.136	ppbv	

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

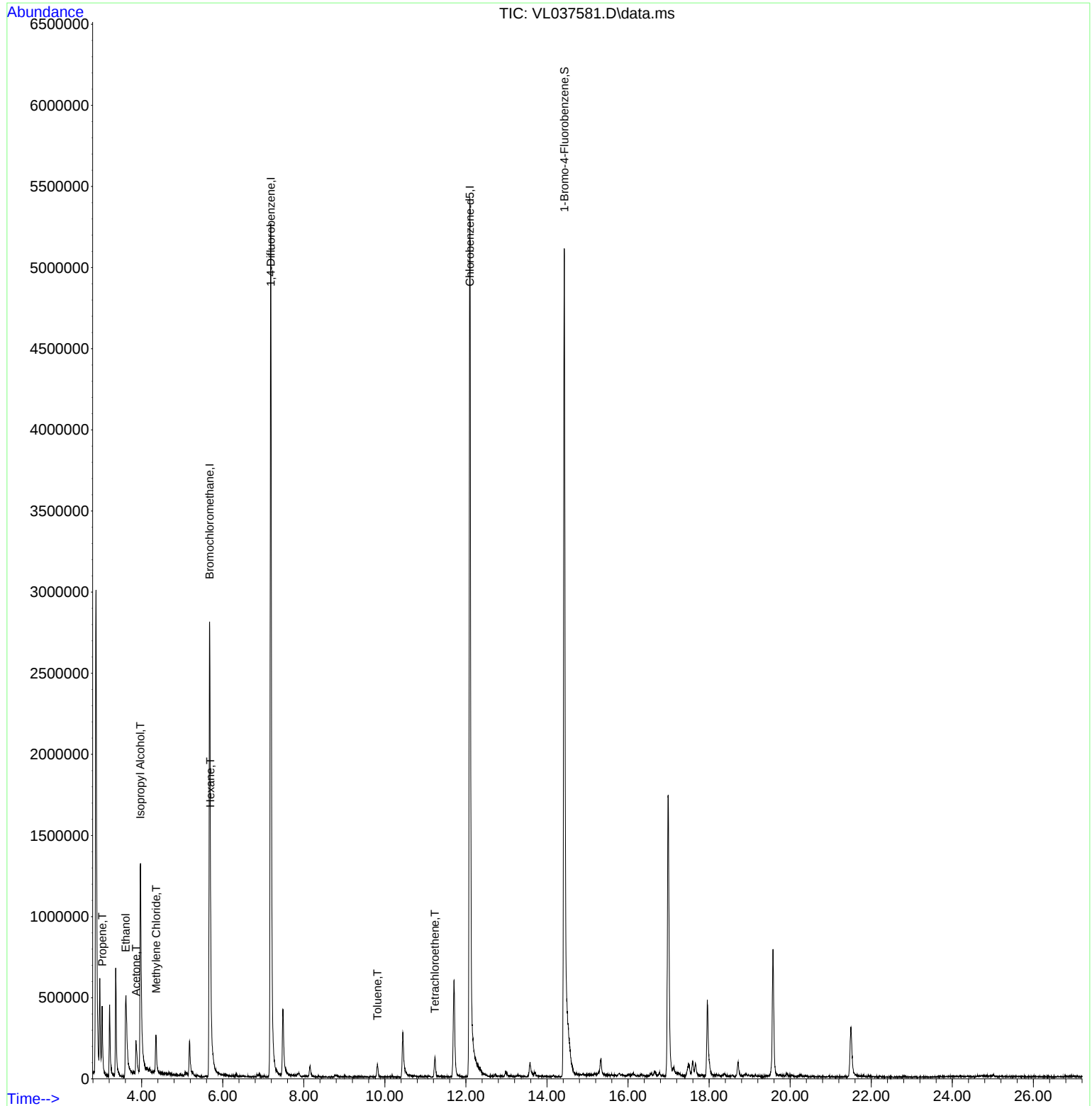
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Data File : VL037581.D
Acq On : 8 Sep 2021 21:12
Operator : SY/AP
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Misc : 400mL/MSVOA_L
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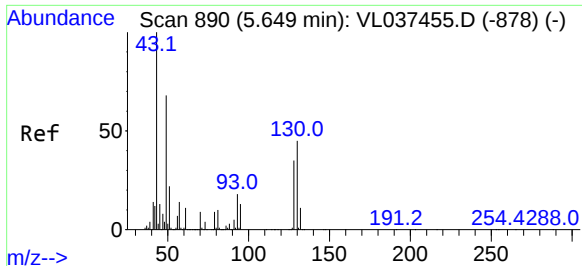
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Sep 09 09:14:23 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081621AIR.M
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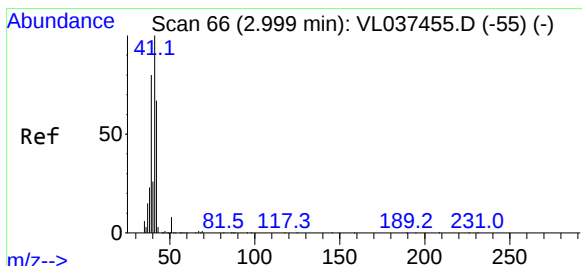
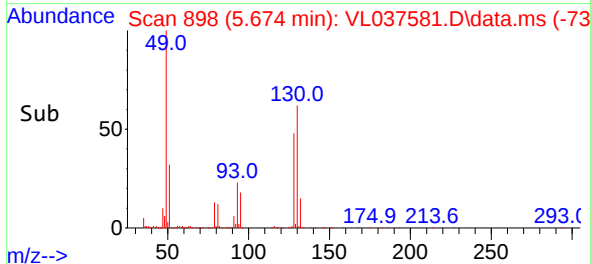
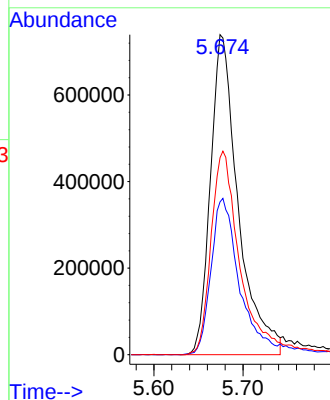
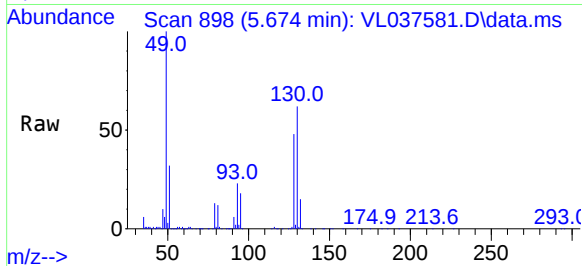
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 898
Delta R.T. 0.026 min
Lab File: VL037581.D
Acq: 8 Sep 2021 21:12

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 49 Resp: 1599567
Ion Ratio Lower Upper
49 100
128 53.6 27.5 82.4
130 69.6 34.0 101.8

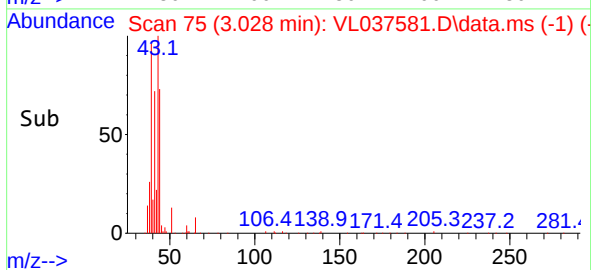
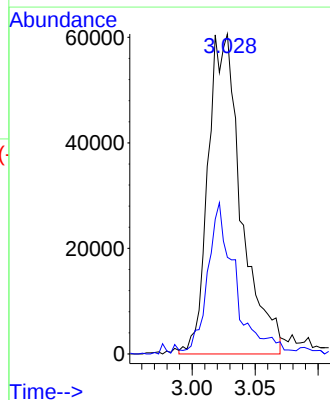
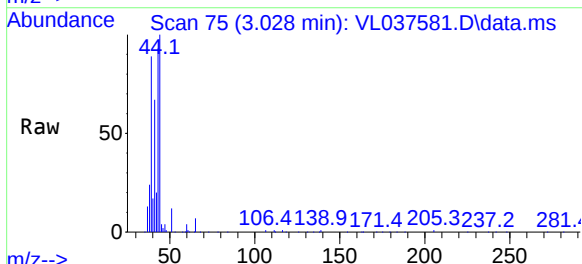
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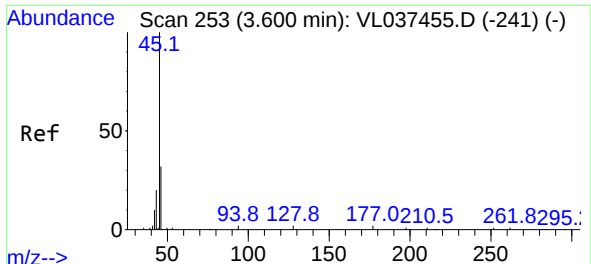
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#9
Propene
Concen: 1.016 ppbv m
RT: 3.028 min Scan# 75
Delta R.T. 0.029 min
Lab File: VL037581.D
Acq: 8 Sep 2021 21:12

Tgt Ion: 41 Resp: 111374
Ion Ratio Lower Upper
41 100
42 104.1 53.7 80.5#





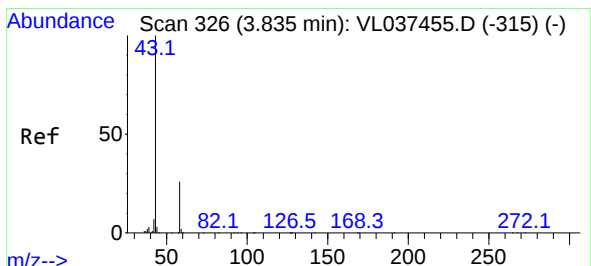
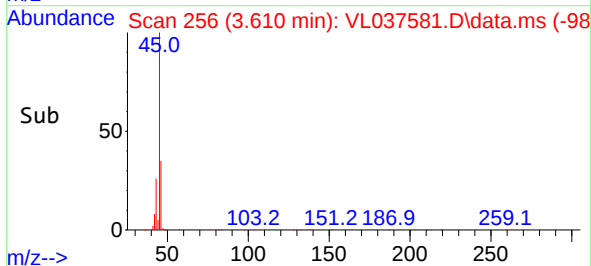
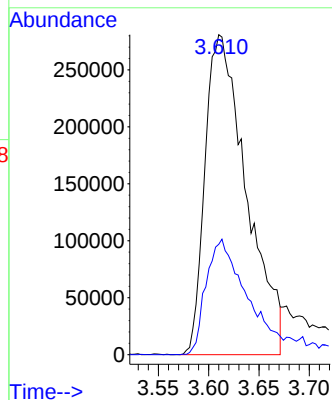
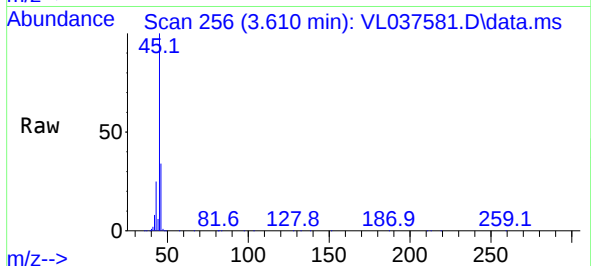
#13
Ethanol
Concen: 75.374 ppbv
RT: 3.610 min Scan# 256
Delta R.T. 0.010 min
Lab File: VL037581.D
Acq: 8 Sep 2021 21:12

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 45 Resp: 803813
Ion Ratio Lower Upper
45 100
46 42.2 14.1 56.5

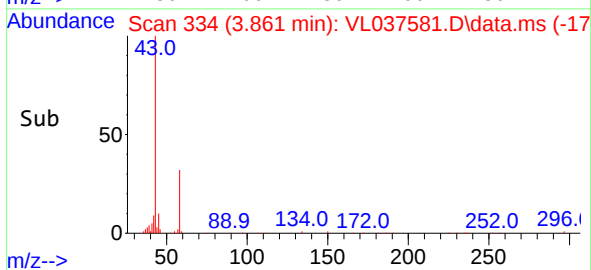
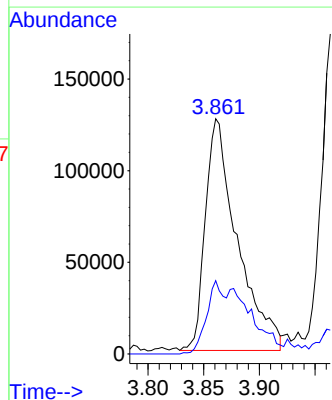
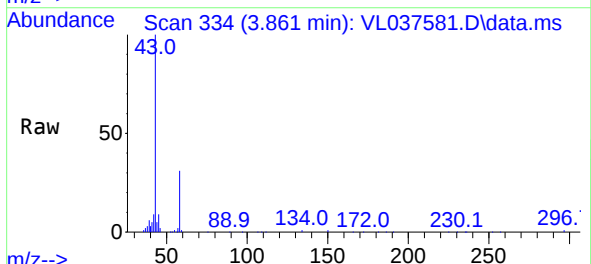
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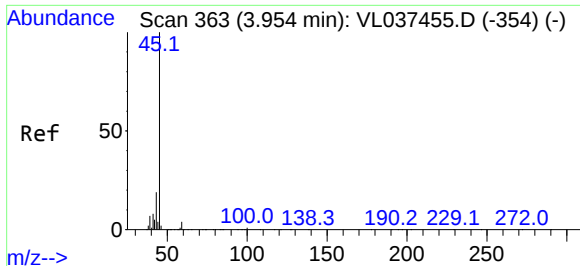
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#15
Acetone
Concen: 1.553 ppbv
RT: 3.861 min Scan# 334
Delta R.T. 0.026 min
Lab File: VL037581.D
Acq: 8 Sep 2021 21:12

Tgt Ion: 43 Resp: 252759
Ion Ratio Lower Upper
43 100
58 42.7 24.8 37.2#





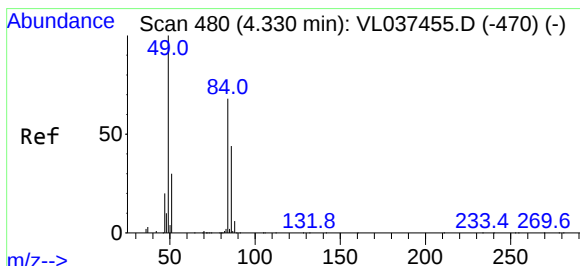
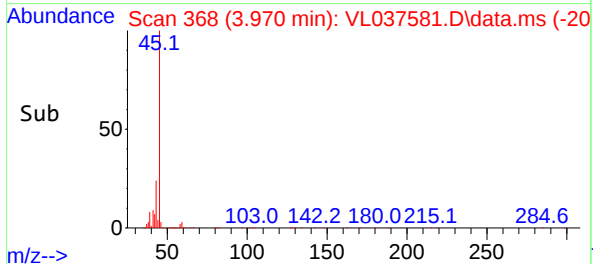
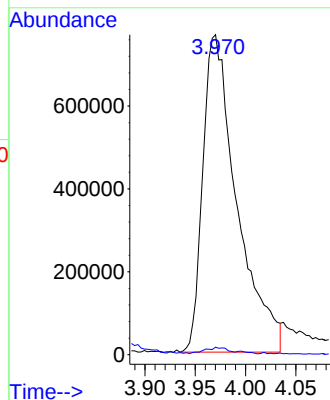
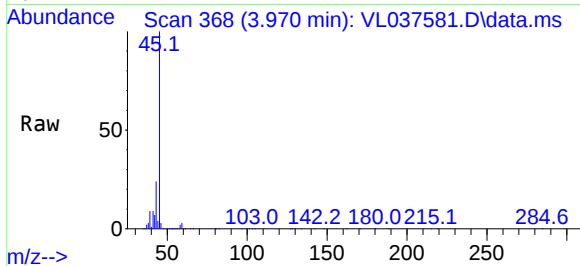
#19
Isopropyl Alcohol
Concen: 19.336 ppbv
RT: 3.970 min Scan# 368
Delta R.T. 0.016 min
Lab File: VL037581.D
Acq: 8 Sep 2021 21:12

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 45 Resp: 1803368
Ion Ratio Lower Upper
45 100
58 2.9 1.4 2.2#

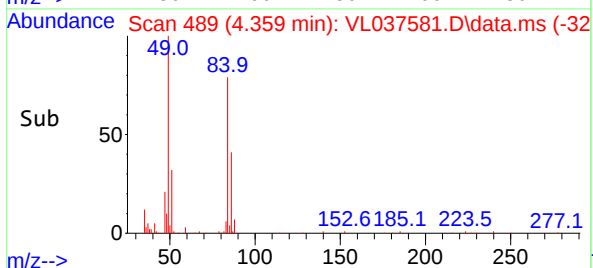
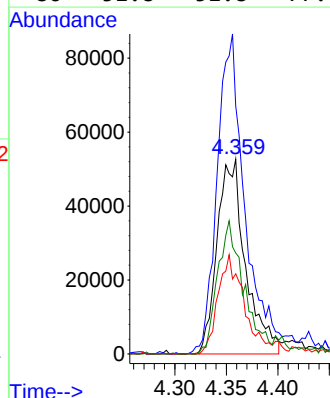
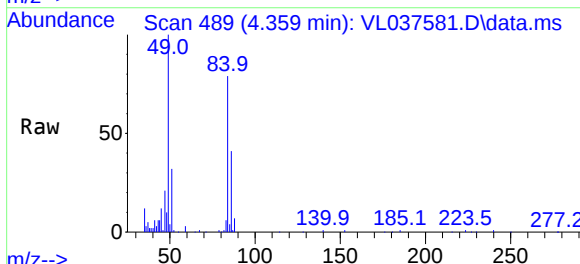
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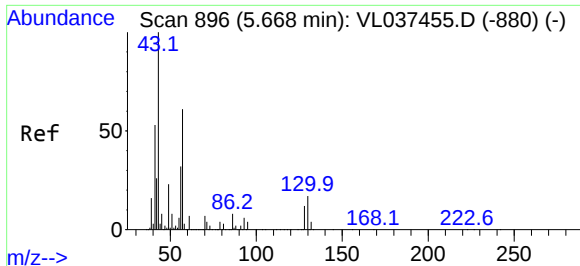
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#20
Methylene Chloride
Concen: 1.240 ppbv m
RT: 4.359 min Scan# 489
Delta R.T. 0.029 min
Lab File: VL037581.D
Acq: 8 Sep 2021 21:12

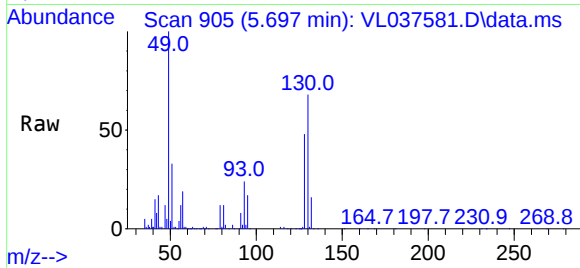
Tgt Ion: 84 Resp: 101050
Ion Ratio Lower Upper
84 100
49 127.2 118.2 177.2
51 41.2 36.6 55.0
86 51.8 51.8 77.6#





#26
Hexane
Concen: 0.540 ppbv
RT: 5.697 min Scan# 905
Delta R.T. 0.029 min
Lab File: VL037581.D
Acq: 8 Sep 2021 21:12

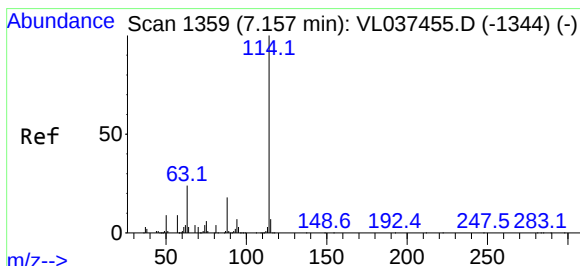
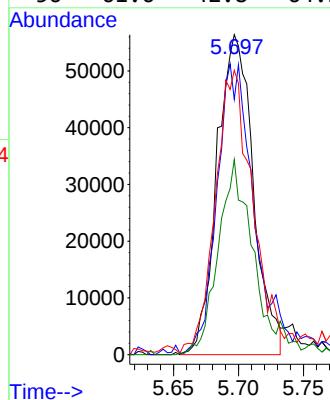
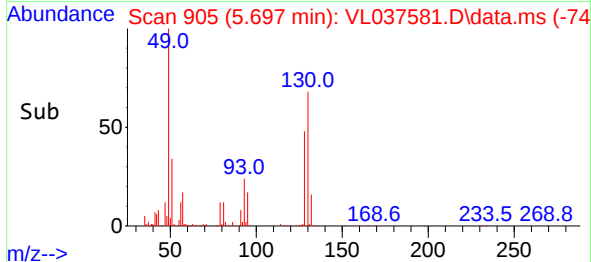
Instrument :
MSVOA_L
ClientSampleId :
IA-2DL



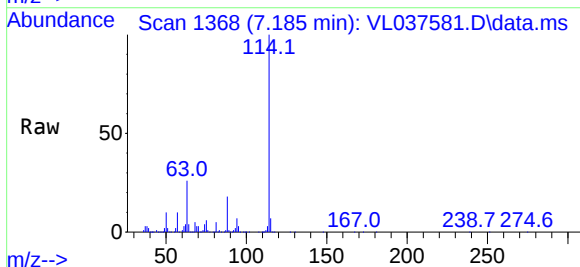
Tgt Ion: 57 Resp: 109091
Ion Ratio Lower Upper
57 100
41 99.2 72.3 108.5
43 101.4 172.3 258.5#
56 61.6 42.8 64.2

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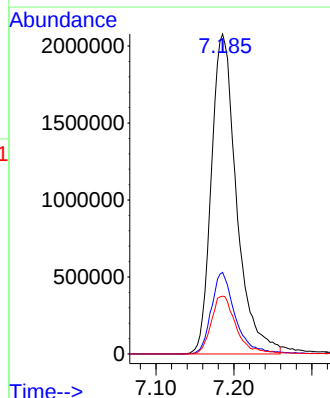
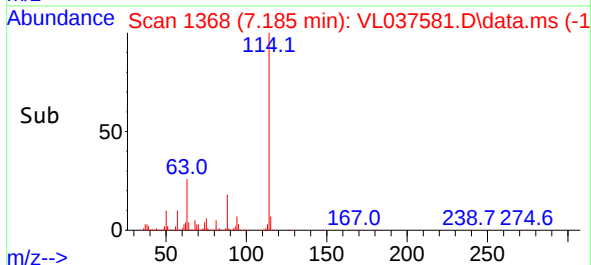
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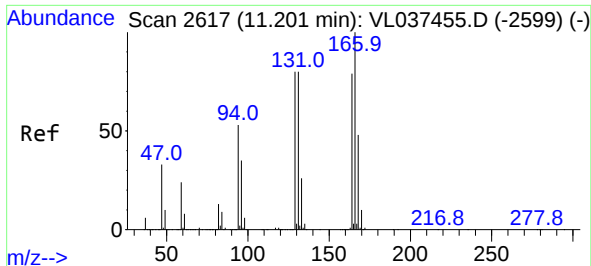


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 1368
Delta R.T. 0.029 min
Lab File: VL037581.D
Acq: 8 Sep 2021 21:12



Tgt Ion: 114 Resp: 4662197
Ion Ratio Lower Upper
114 100
63 24.6 19.3 28.9
88 18.2 14.2 21.4





#52
Tetrachloroethene
Concen: 0.226 ppbv m
RT: 11.237 min Scan# 2628
Delta R.T. 0.035 min
Lab File: VL037581.D
Acq: 8 Sep 2021 21:12

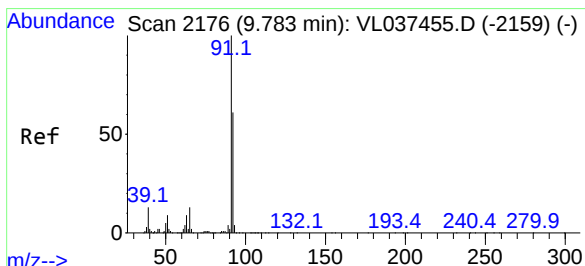
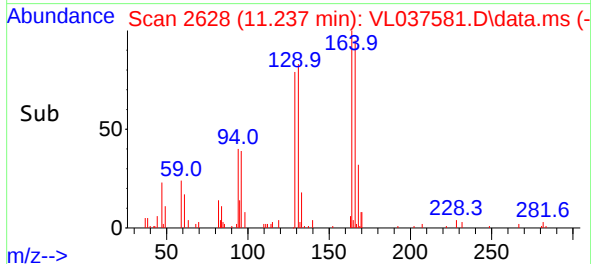
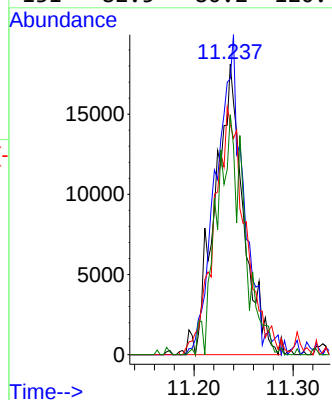
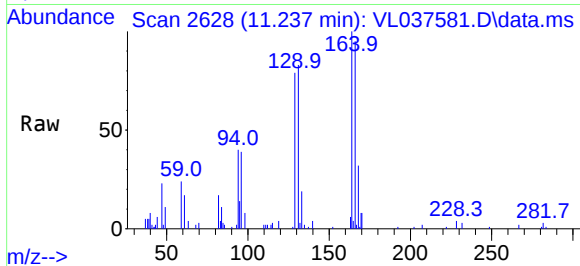
Tgt Ion: 164 Resp: 36236

Ion	Ratio	Lower	Upper
164	100		
166	94.9	100.7	151.1#
129	79.3	80.9	121.3#
131	82.5	80.2	120.4

Instrument :
MSVOA_L
ClientSampled :
IA-2DL

Manual Integrations
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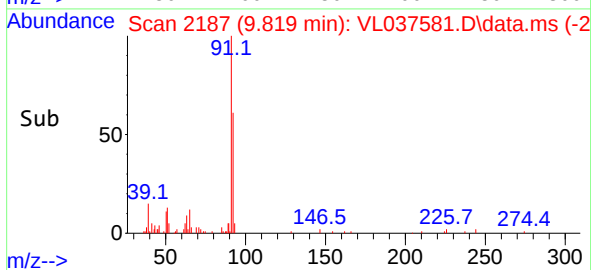
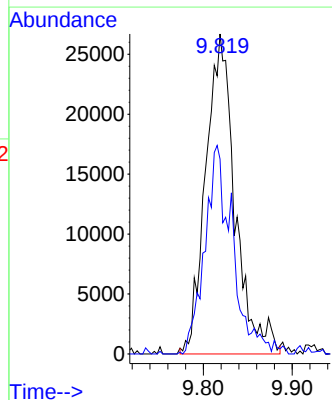
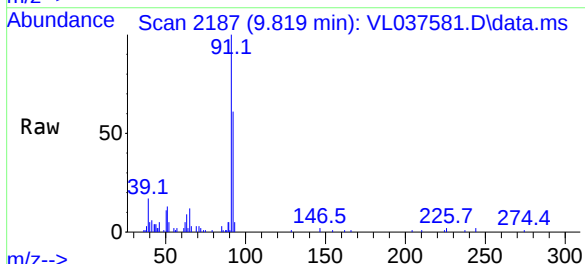
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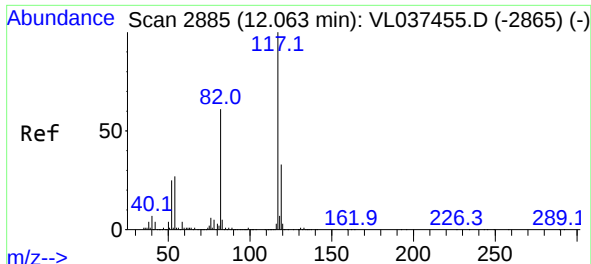


#53
Toluene
Concen: 0.136 ppbv m
RT: 9.819 min Scan# 2187
Delta R.T. 0.035 min
Lab File: VL037581.D
Acq: 8 Sep 2021 21:12

Tgt Ion: 91 Resp: 61066

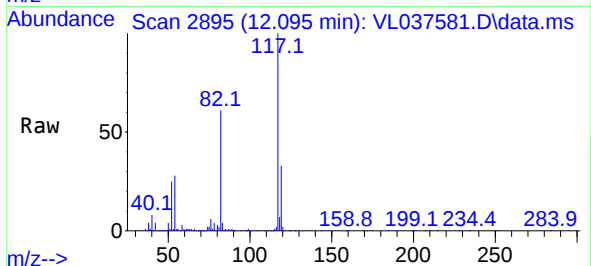
Ion	Ratio	Lower	Upper
91	100		
92	61.8	48.8	73.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.095 min Scan# 2895
Delta R.T. 0.032 min
Lab File: VL037581.D
Acq: 8 Sep 2021 21:12

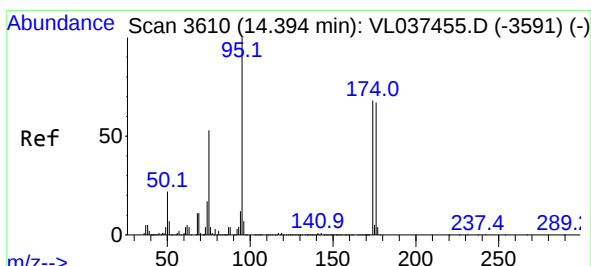
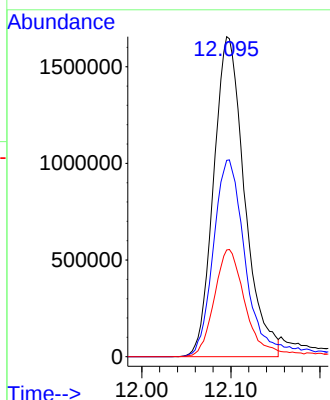
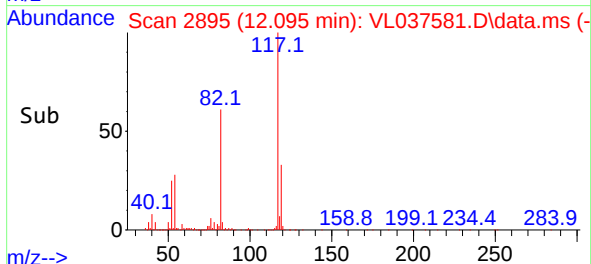
Instrument :
MSVOA_L
ClientSampleId :
IA-2DL



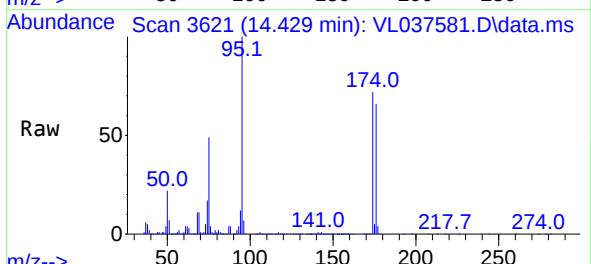
Tgt Ion:117 Resp: 3991820
Ion Ratio Lower Upper
117 100
82 68.9 52.9 79.3
119 35.8 24.8 37.2

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.093 ppbv
RT: 14.429 min Scan# 3621
Delta R.T. 0.035 min
Lab File: VL037581.D
Acq: 8 Sep 2021 21:12



Tgt Ion: 95 Resp: 2862275
Ion Ratio Lower Upper
95 100
174 78.6 59.6 89.4
175 5.5 4.6 7.0

