

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090821\
 Data File : VL037577.D
 Acq On : 8 Sep 2021 18:25
 Operator : SY/AP
 Sample : M3662-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA-1DL

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:52:39 AM

Quant Time: Sep 09 09:13:29 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	1571788	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.185	114	4674828	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.098	117	4092614	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.426	95	2890236	9.940	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%
Target Compounds						
					Qvalue	
9) Propene	3.025	41	22417m	0.208	ppbv	
13) Ethanol	3.619	45	47517m	4.534	ppbv	
15) Acetone	3.867	43	144184	0.901	ppbv #	44
19) Isopropyl Alcohol	3.999	45	29509m	0.322	ppbv	
20) Methylene Chloride	4.349	84	292105	3.647	ppbv	90
26) Hexane	5.697	57	197687	0.996	ppbv #	48

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

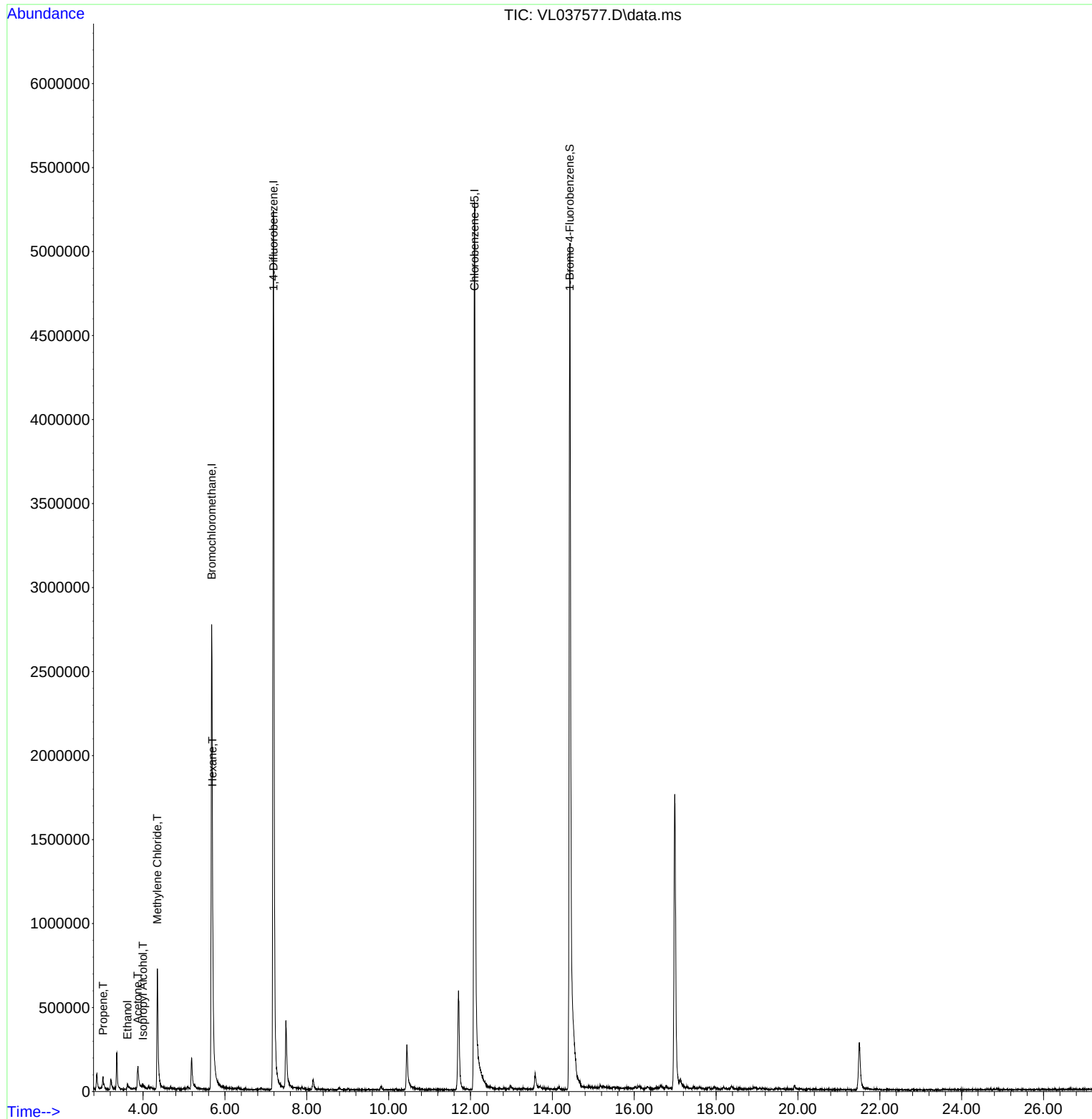
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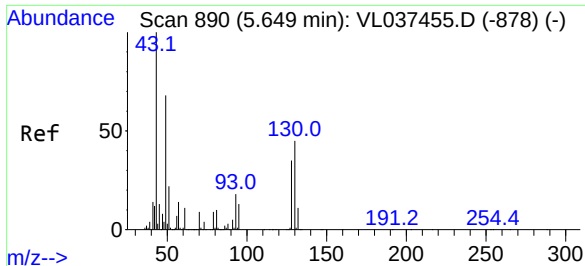
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QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 899
Delta R.T. 0.029 min
Lab File: VL037577.D
Acq: 8 Sep 2021 18:25

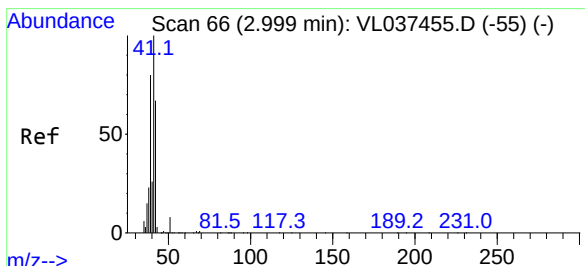
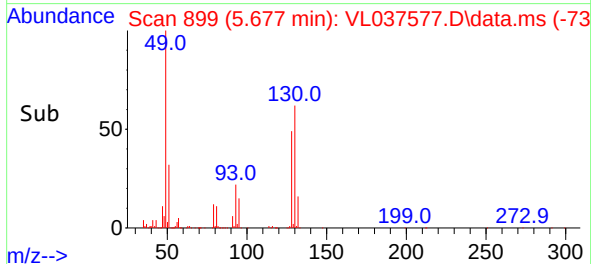
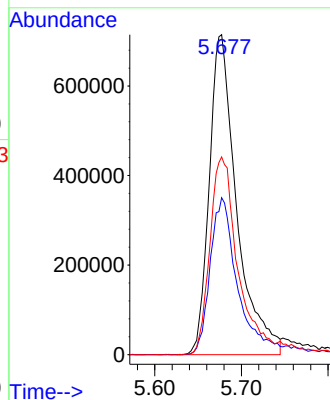
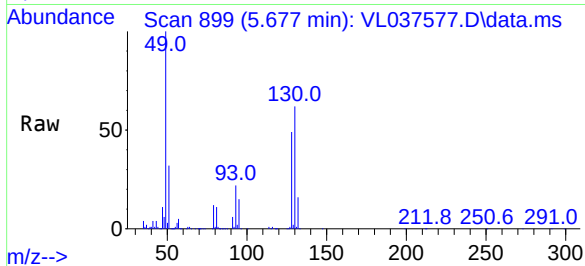
Tgt Ion: 49 Resp: 1571788

Ion	Ratio	Lower	Upper
49	100		
128	53.1	27.5	82.4
130	67.6	34.0	101.8

Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

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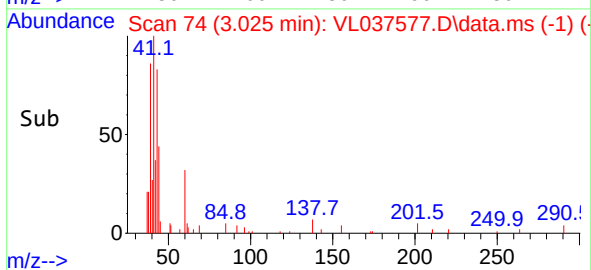
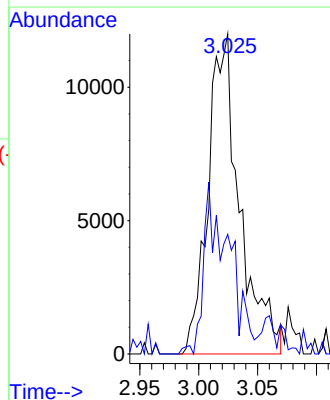
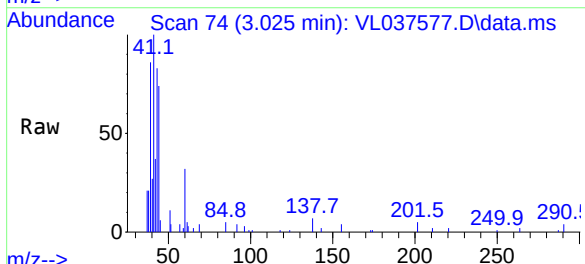
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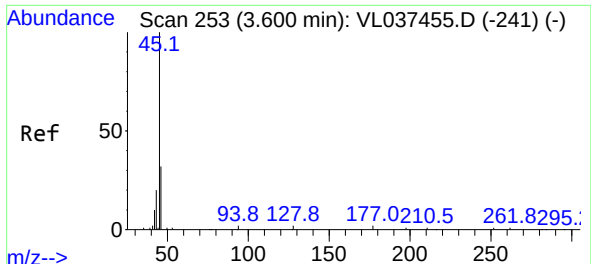


#9
Propene
Concen: 0.208 ppbv m
RT: 3.025 min Scan# 74
Delta R.T. 0.025 min
Lab File: VL037577.D
Acq: 8 Sep 2021 18:25

Tgt Ion: 41 Resp: 22417

Ion	Ratio	Lower	Upper
41	100		
42	51.4	53.7	80.5#





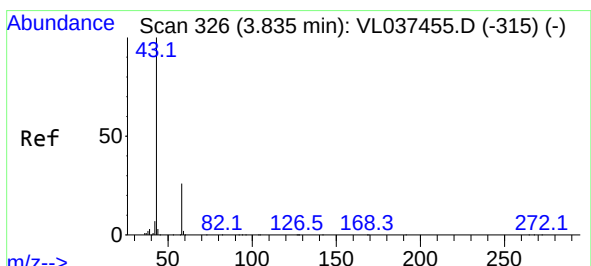
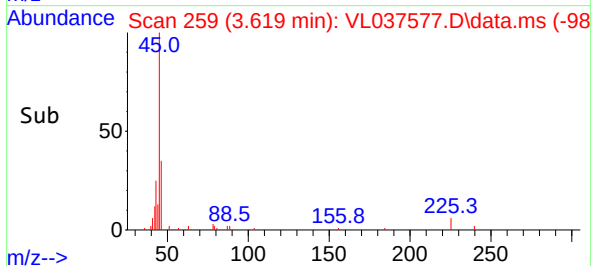
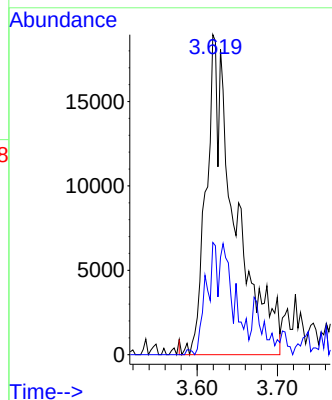
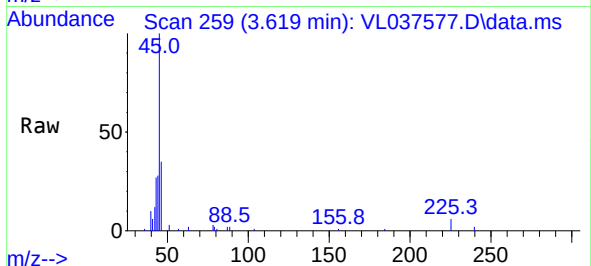
#13
Ethanol
Concen: 4.534 ppbv m
RT: 3.619 min Scan# 259
Delta R.T. 0.019 min
Lab File: VL037577.D
Acq: 8 Sep 2021 18:25

Tgt Ion: 45 Resp: 47517
Ion Ratio Lower Upper
45 100
46 30.4 14.1 56.5

Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

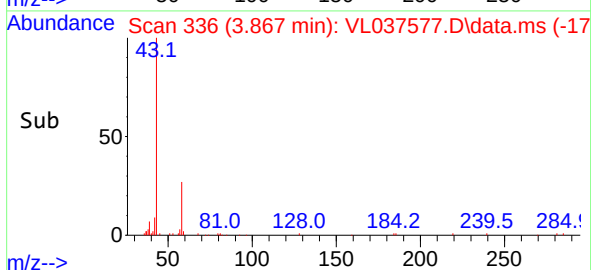
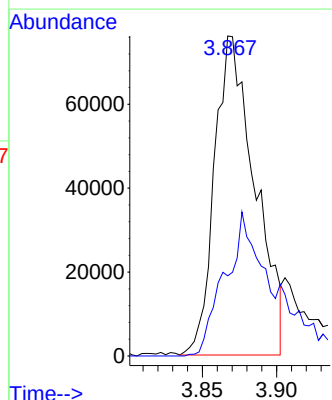
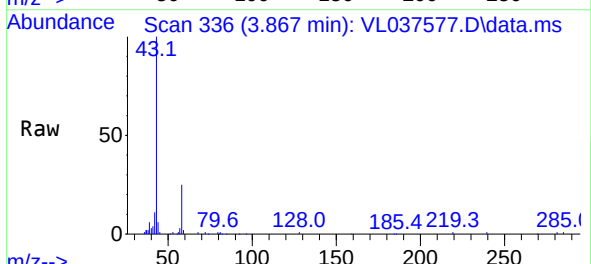
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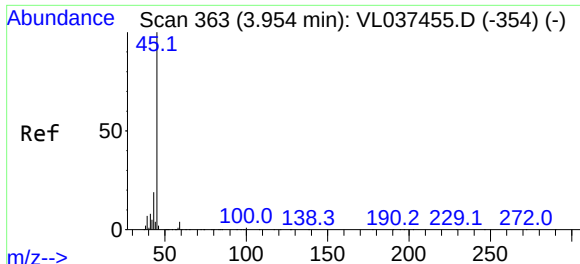
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#15
Acetone
Concen: 0.901 ppbv
RT: 3.867 min Scan# 336
Delta R.T. 0.032 min
Lab File: VL037577.D
Acq: 8 Sep 2021 18:25

Tgt Ion: 43 Resp: 144184
Ion Ratio Lower Upper
43 100
58 62.0 24.8 37.2#





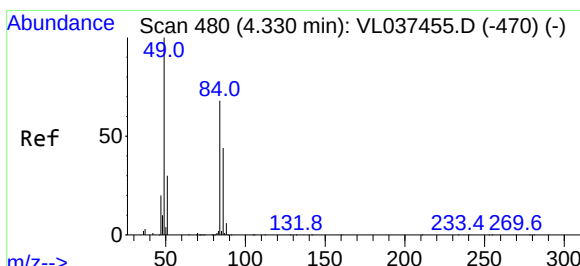
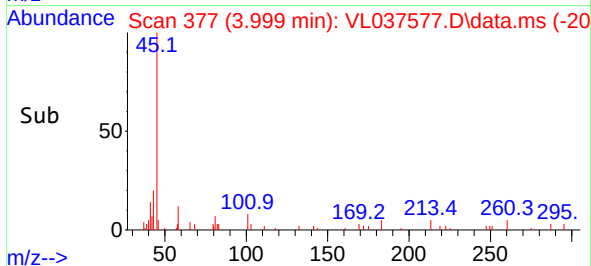
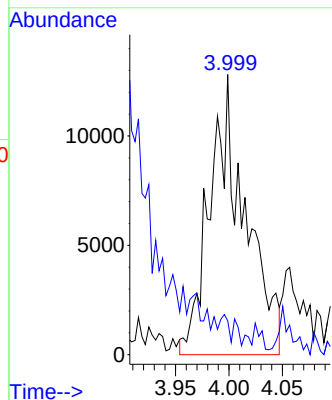
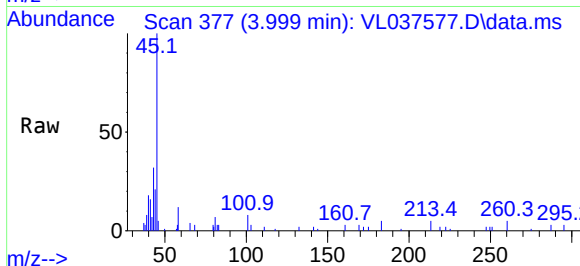
#19
Isopropyl Alcohol
Concen: 0.322 ppbv m
RT: 3.999 min Scan# 377
Delta R.T. 0.045 min
Lab File: VL037577.D
Acq: 8 Sep 2021 18:25

Instrument :
MSVOA_L
ClientSampled :
OA-1DL

Tgt Ion: 45 Resp: 29509
Ion Ratio Lower Upper
45 100
58 0.0 1.4 2.2#

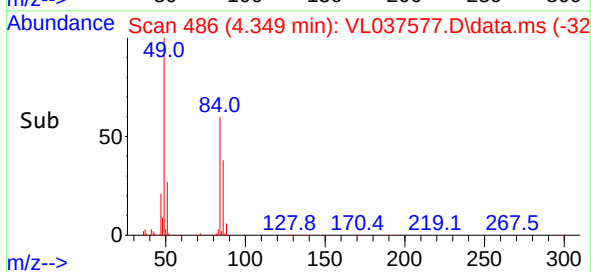
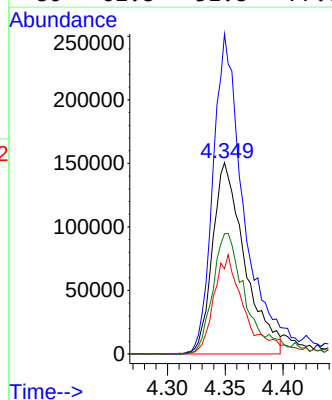
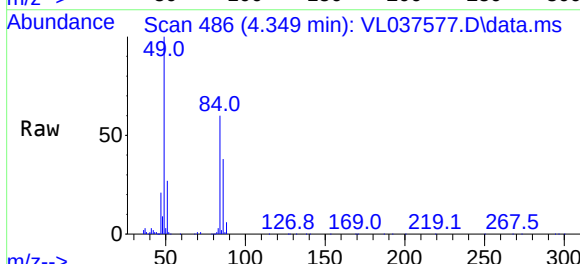
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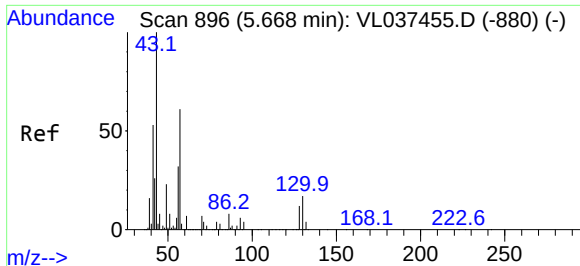
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#20
Methylene Chloride
Concen: 3.647 ppbv
RT: 4.349 min Scan# 486
Delta R.T. 0.019 min
Lab File: VL037577.D
Acq: 8 Sep 2021 18:25

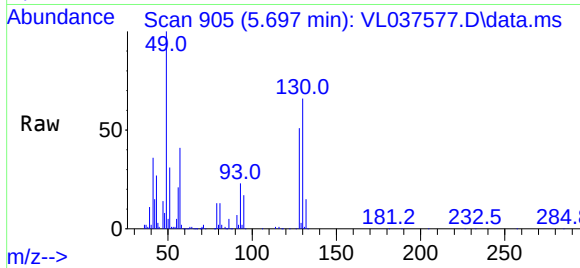
Tgt Ion: 84 Resp: 292105
Ion Ratio Lower Upper
84 100
49 167.2 118.2 177.2
51 44.2 36.6 55.0
86 62.8 51.8 77.6





#26
Hexane
Concen: 0.996 ppbv
RT: 5.697 min Scan# 905
Delta R.T. 0.029 min
Lab File: VL037577.D
Acq: 8 Sep 2021 18:25

Instrument :
MSVOA_L
ClientSampleId :
OA-1DL

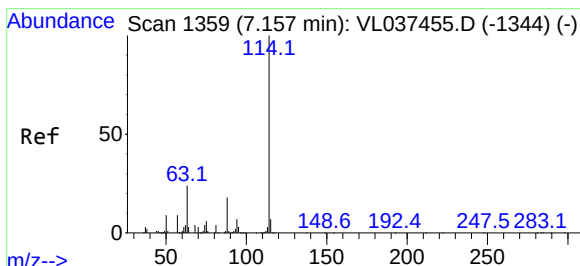
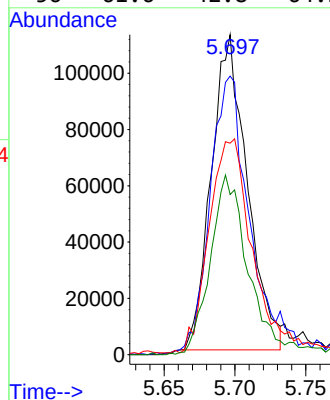
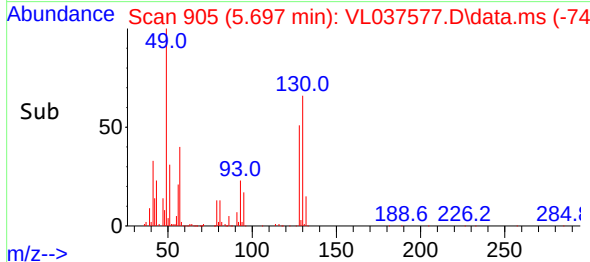


Tgt Ion: 57 Resp: 197687

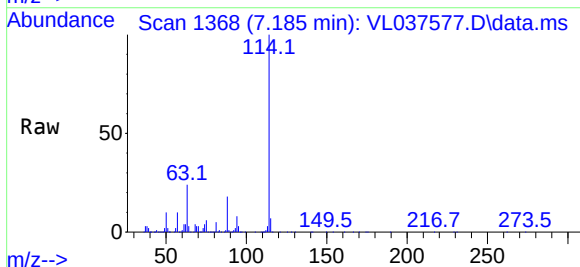
Ion	Ratio	Lower	Upper
57	100		
41	100.4	72.3	108.5
43	88.4	172.3	258.5#
56	61.6	42.8	64.2

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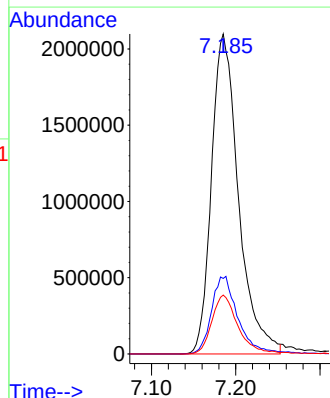
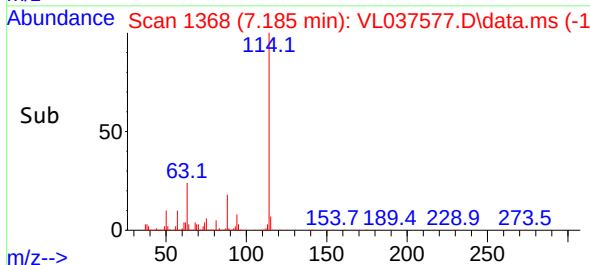


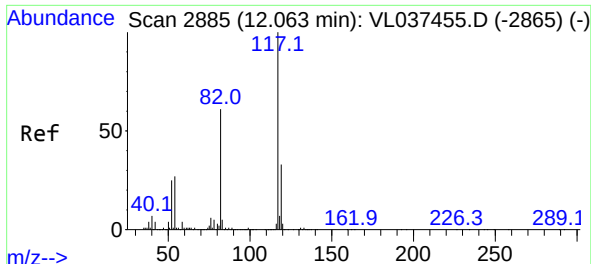
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 1368
Delta R.T. 0.029 min
Lab File: VL037577.D
Acq: 8 Sep 2021 18:25



Tgt Ion: 114 Resp: 4674828

Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.3	28.9
88	18.2	14.2	21.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.098 min Scan# 2896
Delta R.T. 0.035 min
Lab File: VL037577.D
Acq: 8 Sep 2021 18:25

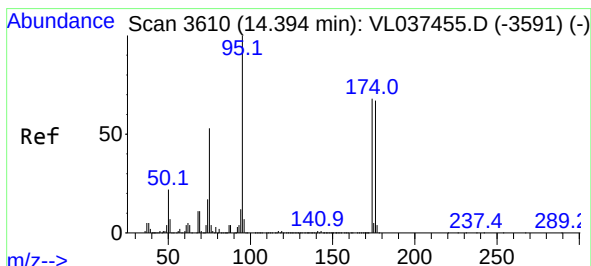
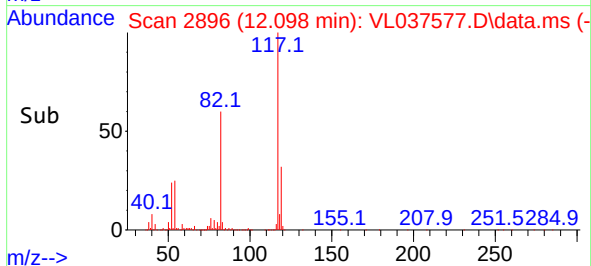
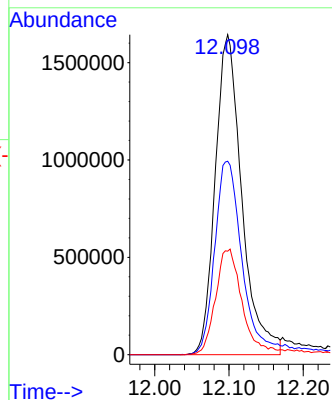
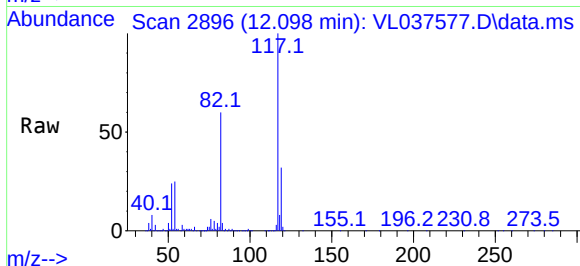
Instrument :
MSVOA_L
ClientSampled :
OA-1DL

Tgt Ion:117 Resp: 4092614

Ion	Ratio	Lower	Upper
117	100		
82	67.0	52.9	79.3
119	35.0	24.8	37.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.940 ppbv
RT: 14.426 min Scan# 3620
Delta R.T. 0.032 min
Lab File: VL037577.D
Acq: 8 Sep 2021 18:25

Tgt Ion: 95 Resp: 2890236

Ion	Ratio	Lower	Upper
95	100		
174	79.1	59.6	89.4
175	6.0	4.6	7.0

