

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033021\
 Data File : VL036575.D
 Acq On : 30 Mar 2021 18:35
 Operator : SY/AP
 Sample : M1797-05 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MF-SG-06(2021)

Manual Integrations
 APPROVED

MMDadoda
 4/1/2021 10:58:43 AM

Quant Time: Mar 31 21:03:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 2
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1354140	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3252040	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	2896458	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2286030	9.90	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.59	45	322563m	33.583	ppbv	
15) Acetone	3.84	43	477525	3.583	ppbv #	89
19) Isopropyl Alcohol	3.96	45	178931	2.441	ppbv #	90
20) Methylene Chloride	4.33	84	43355m	0.695	ppbv	

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

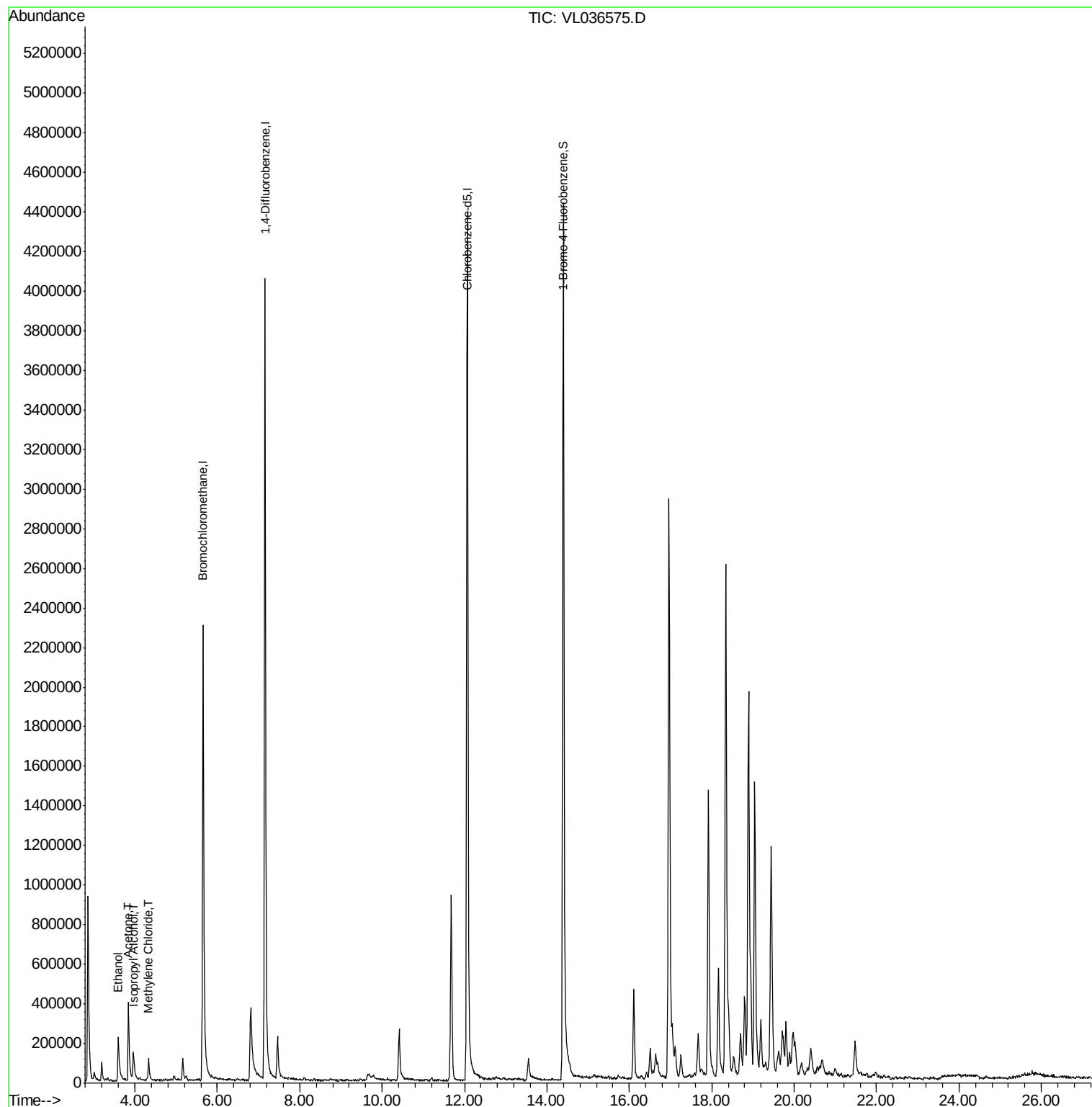
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL033021\
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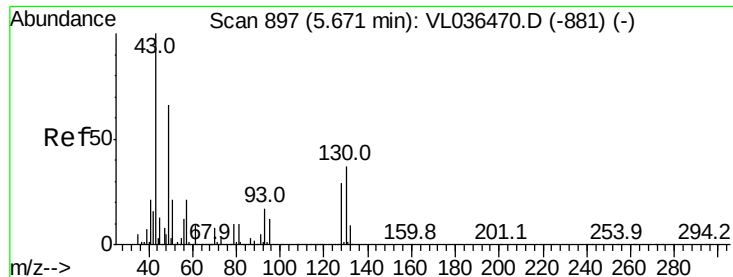
Instrument :
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QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.02 min

Lab File: VL036575.D

Acq: 30 Mar 2021 18:35

Instrument :

MSVOA_L

ClientSampleId :

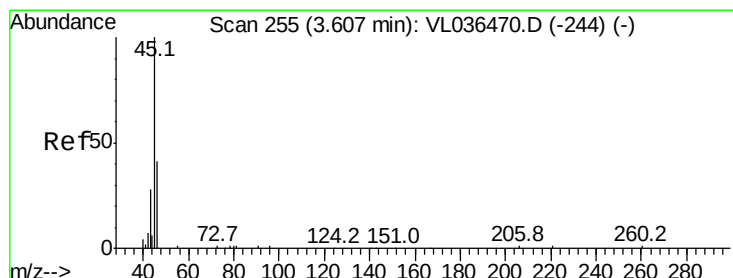
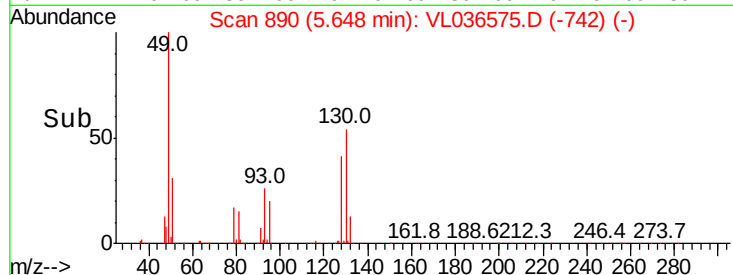
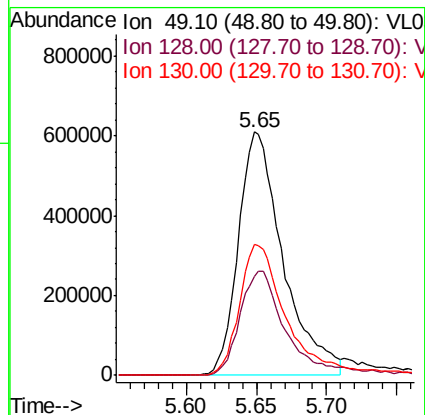
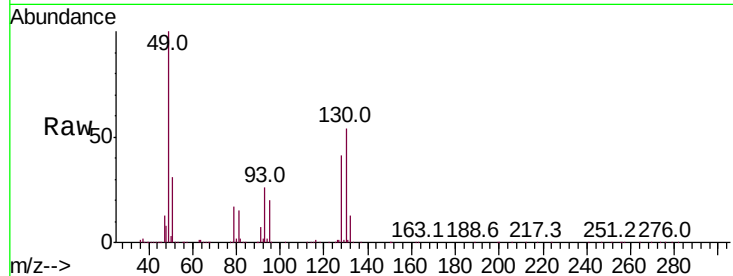
MF-SG-06(2021)

Tot Ion: 49 Resp: 1354140

Ion	Ratio	Lower	Upper
49	100		
128	46.2	23.5	70.6
130	57.7	29.1	87.4

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#13

Ethanol

Concen: 33.583 ppbv m

RT: 3.59 min Scan# 251

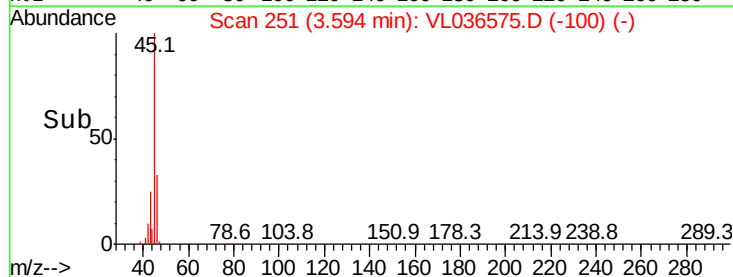
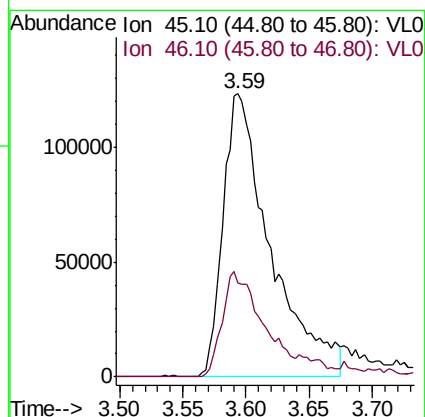
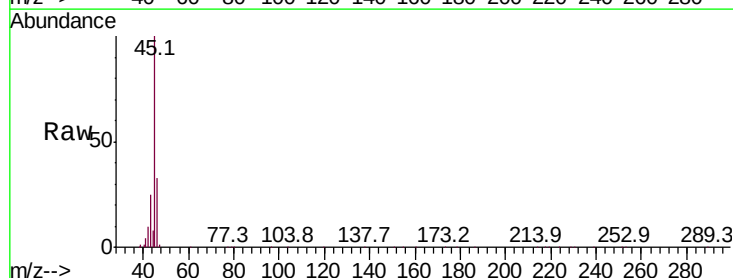
Delta R.T. -0.01 min

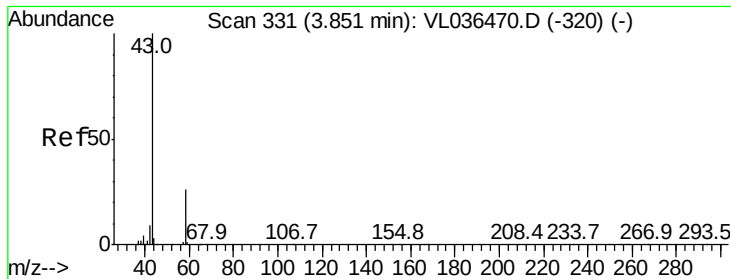
Lab File: VL036575.D

Acq: 30 Mar 2021 18:35

Tgt Ion: 45 Resp: 322563

Ion	Ratio	Lower	Upper
45	100		
46	40.0	16.6	66.2





#15

Acetone

Concen: 3.583 ppbv

RT: 3.84 min Scan# 328

Delta R.T. -0.01 min

Lab File: VL036575.D

Acq: 30 Mar 2021 18:35

Instrument :

MSVOA_L

ClientSampleId :

MF-SG-06(2021)

Tot Ion: 43 Resp: 477525

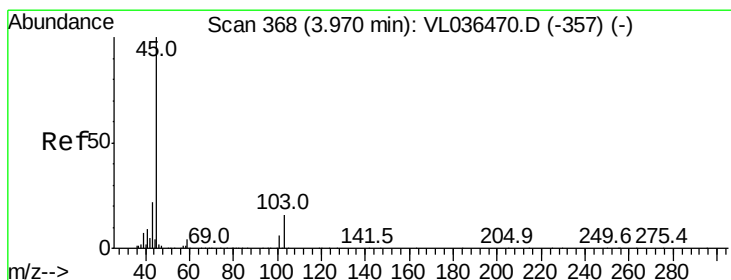
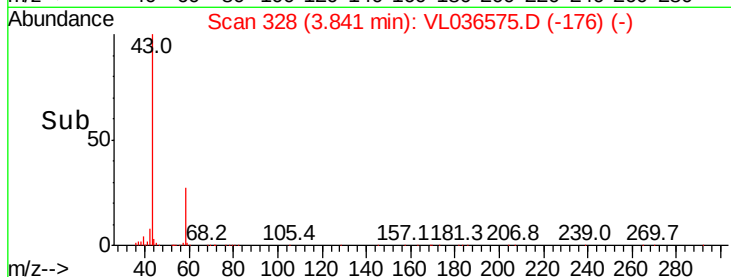
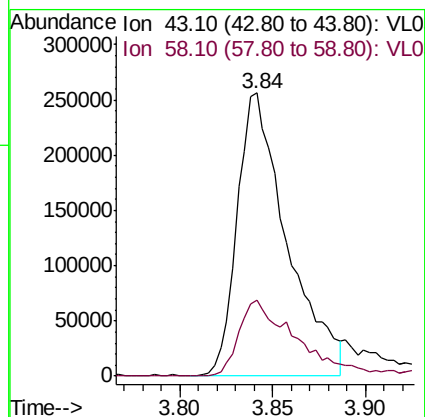
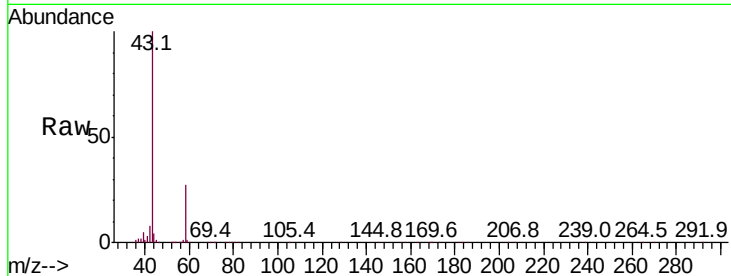
Ion Ratio Lower Upper

43 100

58 32.1 21.2 31.8#

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#19

Isopropyl Alcohol

Concen: 2.441 ppbv

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VL036575.D

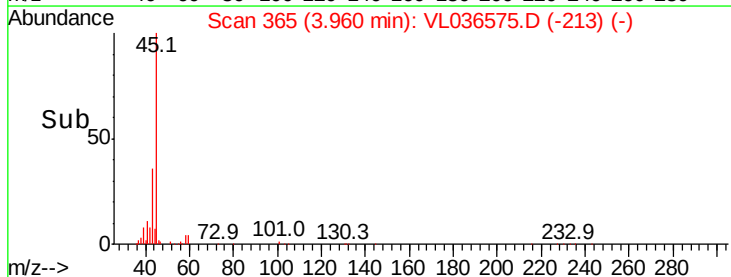
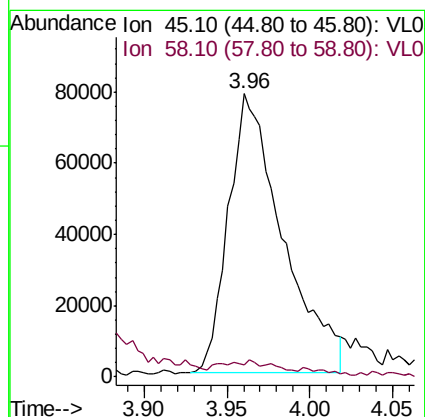
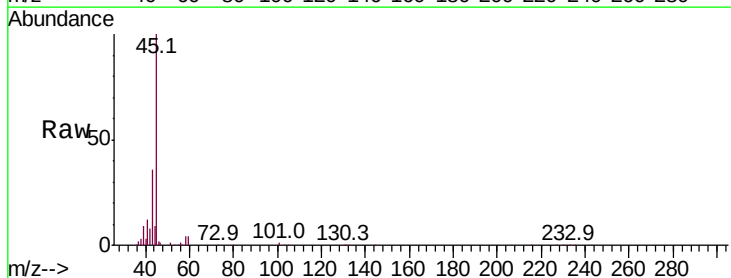
Acq: 30 Mar 2021 18:35

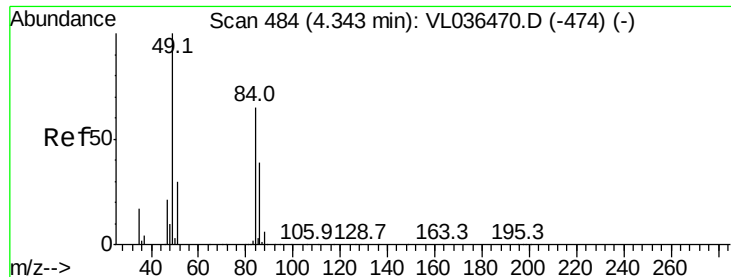
Tgt Ion: 45 Resp: 178931

Ion Ratio Lower Upper

45 100

58 7.1 2.9 4.3#





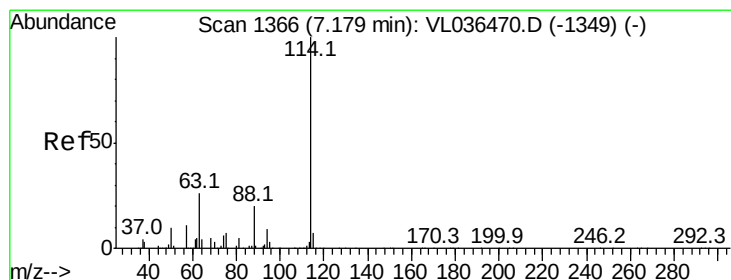
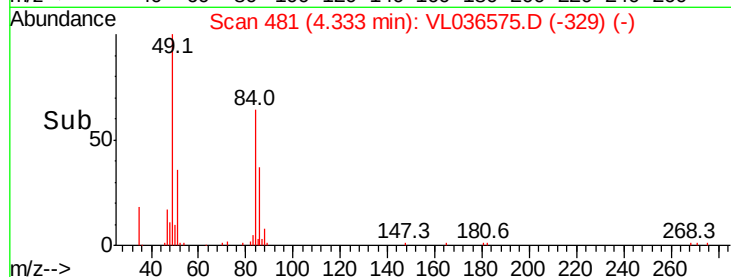
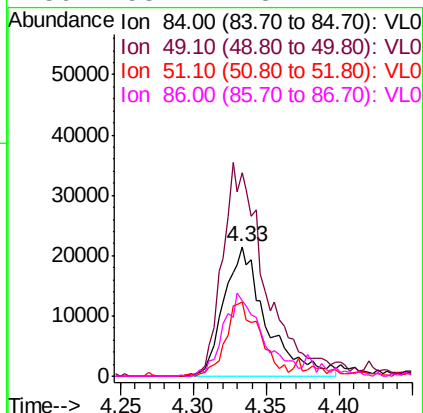
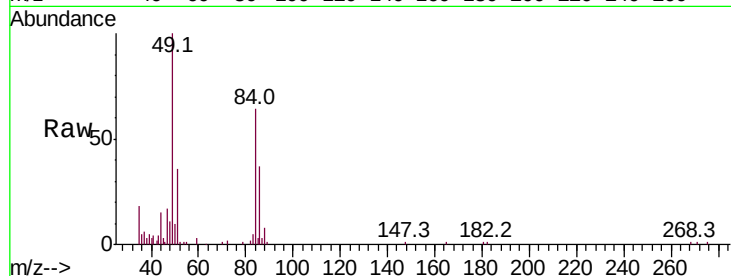
#20
Methylene Chloride
Concen: 0.695 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL036575.D
Acq: 30 Mar 2021 18:35

Instrument :
MSVOA_L
ClientSampleId :
MF-SG-06(2021)

Tot Ion	84	Resp	43355
Ion	Ratio	Lower	Upper
84	100		
49	157.3	122.9	184.3
51	57.1	36.9	55.3#
86	58.7	48.2	72.4

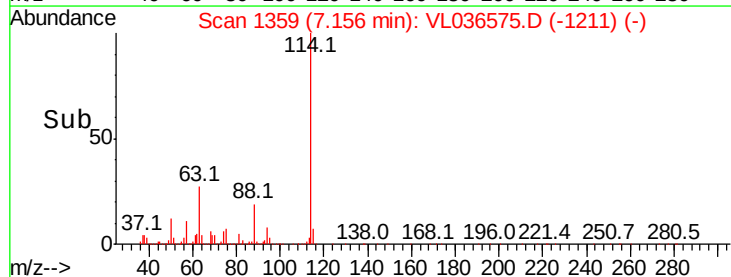
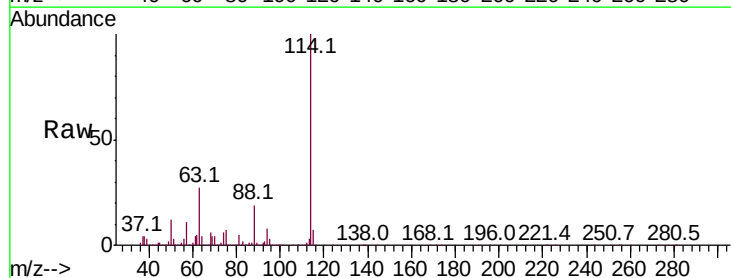
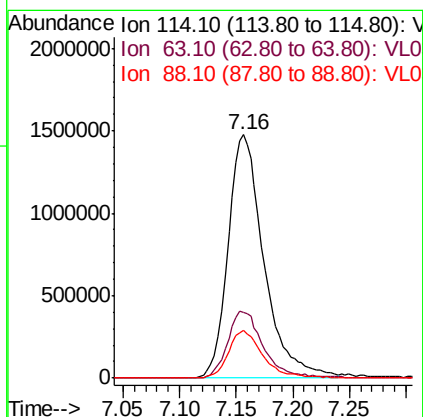
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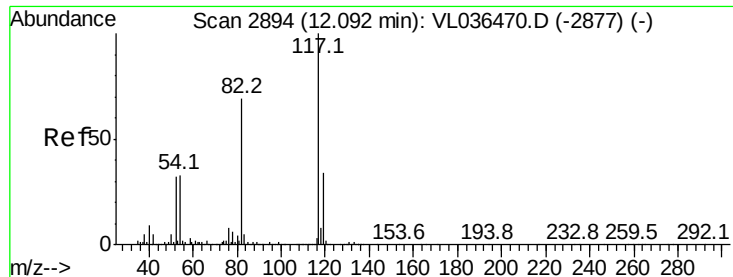
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.02 min
Lab File: VL036575.D
Acq: 30 Mar 2021 18:35

Tgt Ion	114	Resp	3252040
Ion	Ratio	Lower	Upper
114	100		
63	28.0	22.4	33.6
88	19.0	15.4	23.0





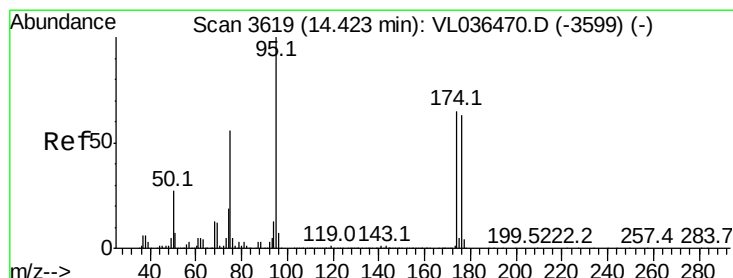
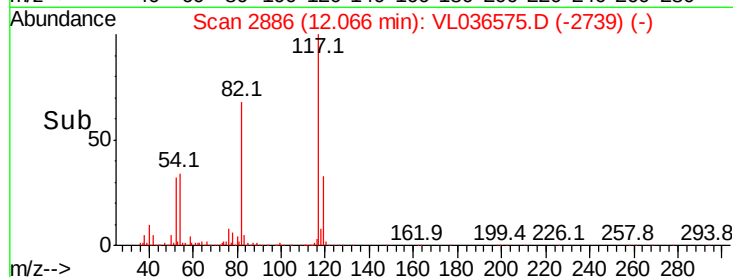
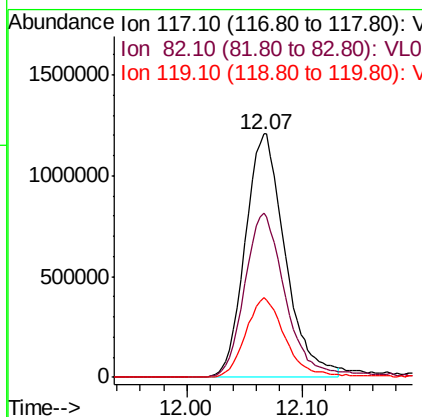
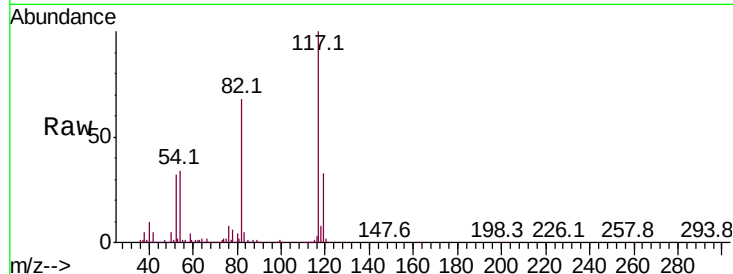
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.03 min
Lab File: VL036575.D
Acq: 30 Mar 2021 18:35

Instrument :
MSVOA_L
ClientSampleId :
MF-SG-06(2021)

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.2	57.4	86.0
119	33.3	47.4	71.0#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.903 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. -0.03 min
Lab File: VL036575.D
Acq: 30 Mar 2021 18:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.1	51.0	76.6
175	4.6	3.9	5.9

