

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040621\
 Data File : VL036714.D
 Acq On : 7 Apr 2021 1:44
 Operator : SY/AP
 Sample : M1929-01 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FS-SV1-FIELD

Manual Integrations
 APPROVED

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 4/12/2021 11:11:37 AM

Quant Time: Apr 07 06:32:06 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 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	5.66	49	1141378	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2989567	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2584255	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1971100	9.57	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	12339m	0.181	ppbv	
13) Ethanol	3.62	45	42148m	5.206	ppbv	
15) Acetone	3.86	43	128827m	1.147	ppbv	
19) Isopropyl Alcohol	4.00	45	23259m	0.376	ppbv	
20) Methylene Chloride	4.34	84	67028	1.274	ppbv	91
26) Hexane	5.68	57	38829	0.313	ppbv #	43

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

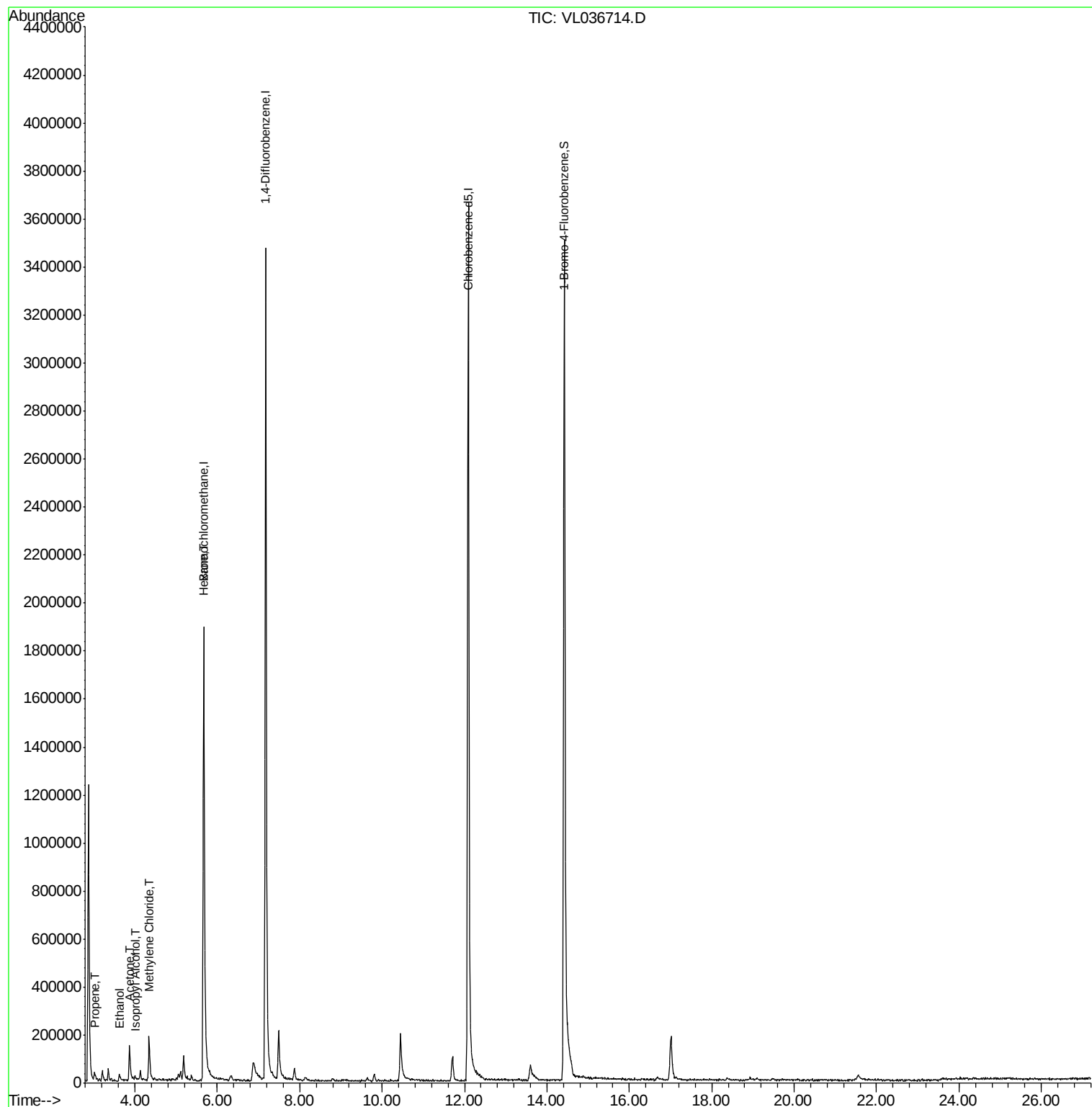
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040621\
Data File : VL036714.D
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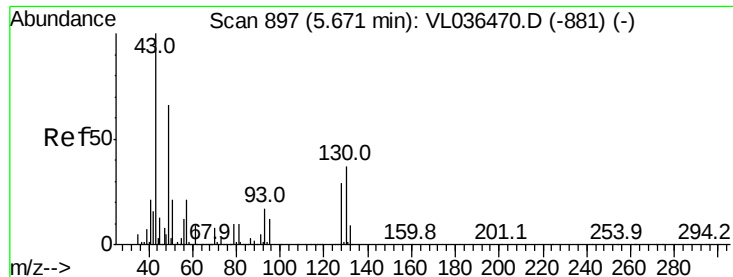
Instrument :
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QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL036714.D

Acq: 7 Apr 2021 1:44

Instrument :

MSVOA_L

ClientSampleId :

FS-SV1-FIELD

Tot Ion: 49 Resp: 1141378

Ion Ratio Lower Upper

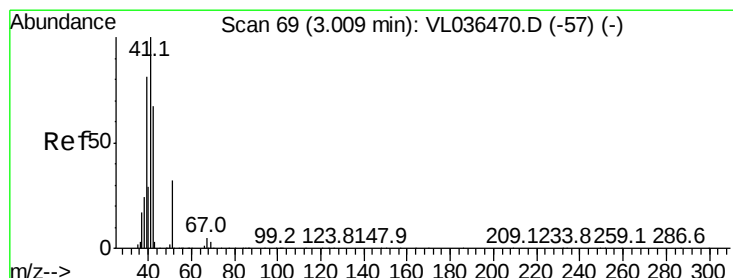
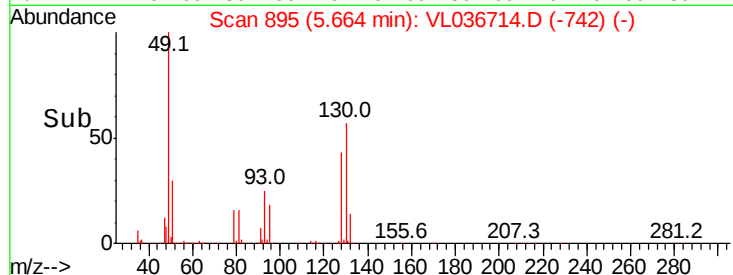
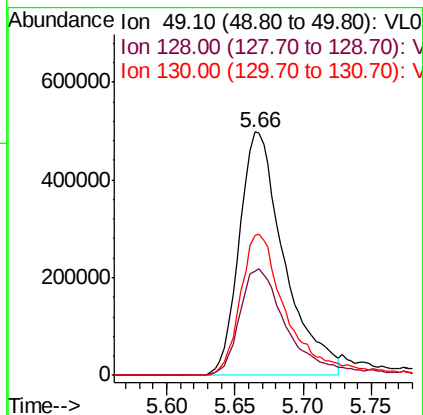
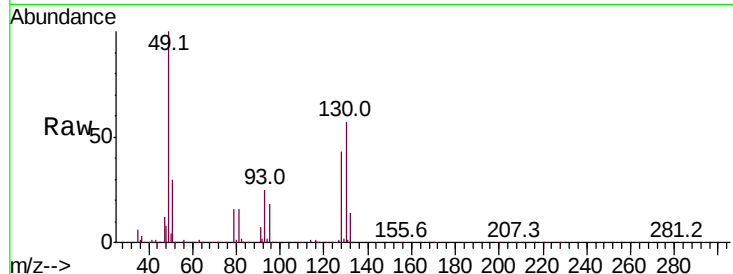
49 100

128 48.3 23.5 70.6

130 60.6 29.1 87.4

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#9

Propene

Concen: 0.181 ppbv m

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL036714.D

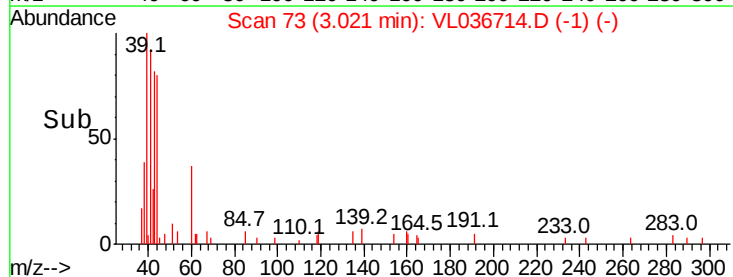
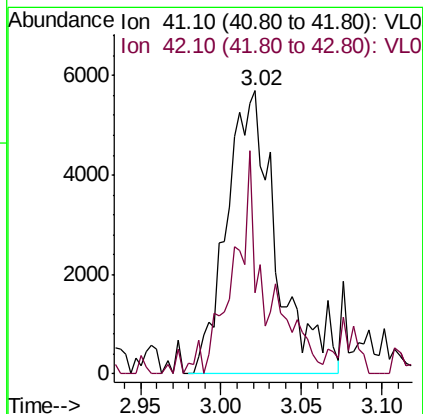
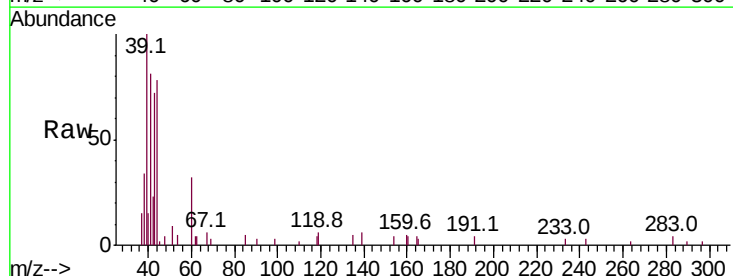
Acq: 7 Apr 2021 1:44

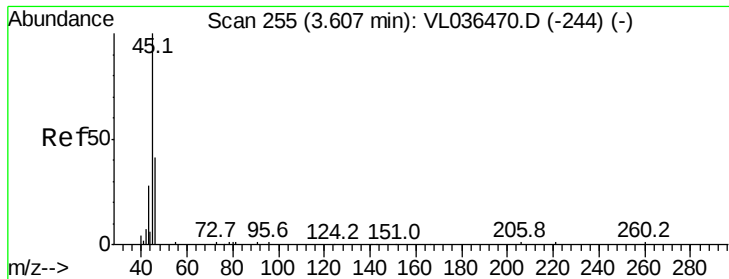
Tgt Ion: 41 Resp: 12339

Ion Ratio Lower Upper

41 100

42 60.3 57.0 85.4





#13

Ethanol

Concen: 5.206 ppbv m

RT: 3.62 min Scan# 259

Delta R.T. 0.01 min

Lab File: VL036714.D

Acq: 7 Apr 2021 1:44

Tot Ion: 45 Resp: 42148

Ion Ratio Lower Upper

45 100

46 43.0 16.6 66.2

Instrument :

MSVOA_L

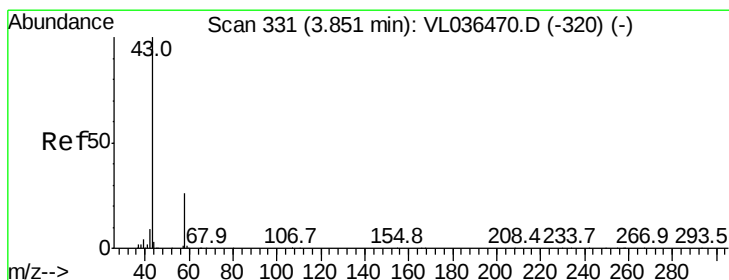
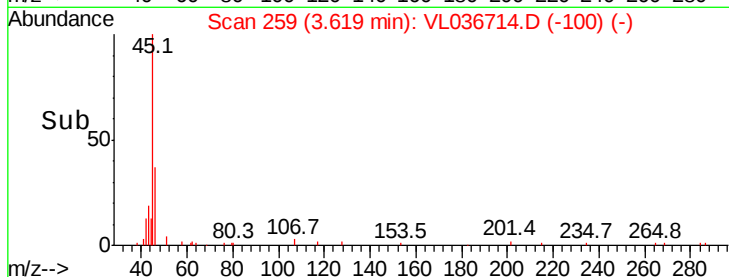
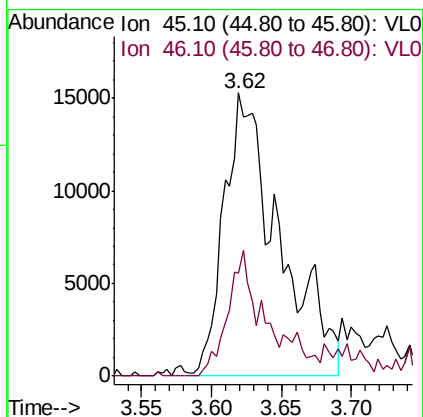
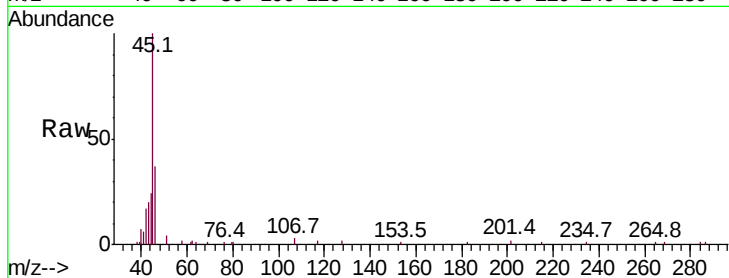
ClientSampleId :

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#15

Acetone

Concen: 1.147 ppbv m

RT: 3.86 min Scan# 335

Delta R.T. 0.01 min

Lab File: VL036714.D

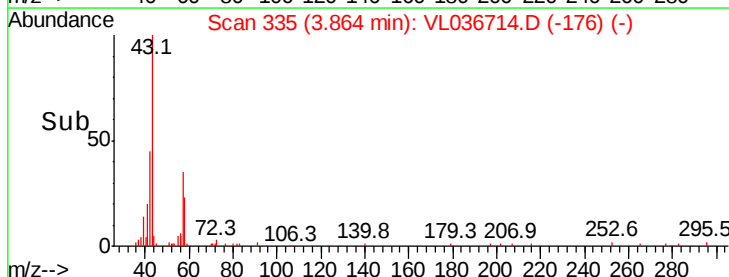
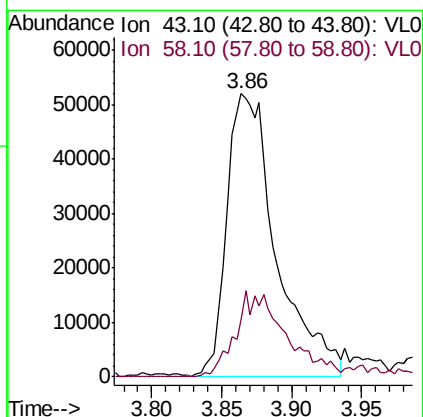
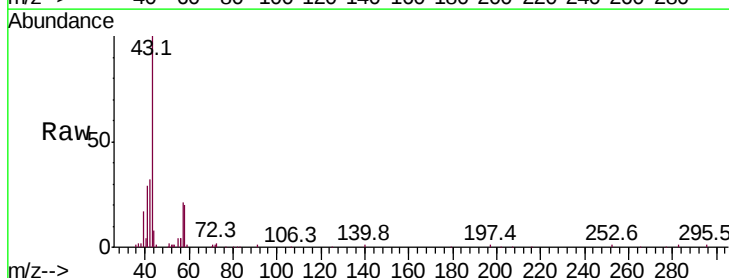
Acq: 7 Apr 2021 1:44

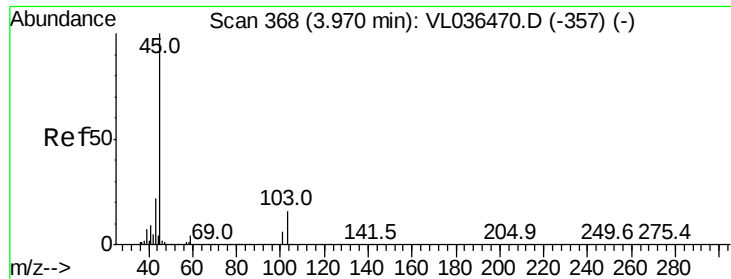
Tgt Ion: 43 Resp: 128827

Ion Ratio Lower Upper

43 100

58 32.9 21.2 31.8#





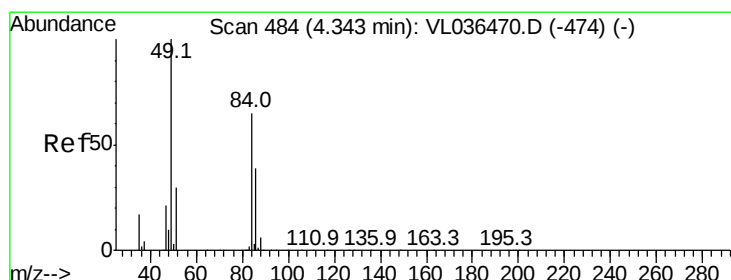
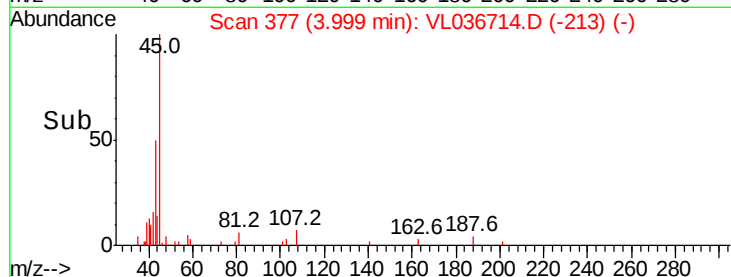
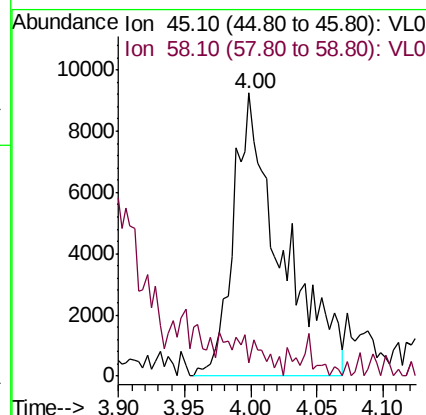
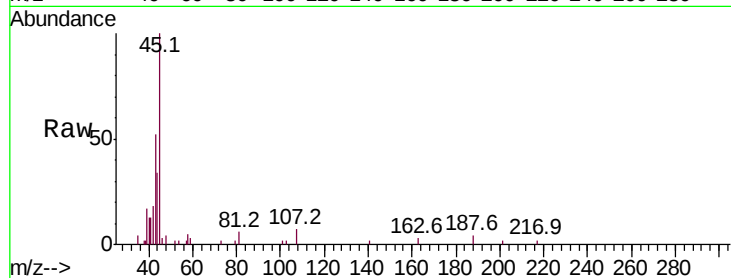
#19
Isopropyl Alcohol
Concen: 0.376 ppbv
RT: 4.00 min Scan# 377
Delta R.T. 0.03 min
Lab File: VL036714.D
Acq: 7 Apr 2021 1:44

Instrument :
MSVOA_L
ClientSampleId :
FS-SV1-FIELD

Tot Ion	Ratio	Lower	Upper
45	100		
58	12.8	2.9	4.3#

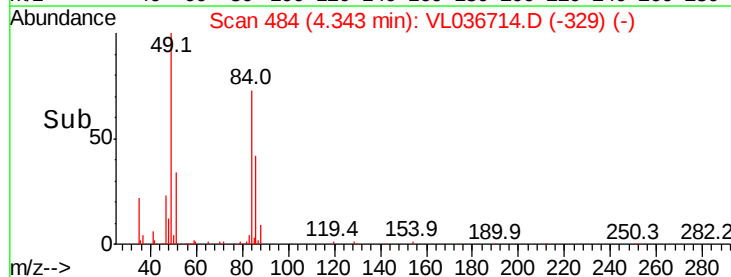
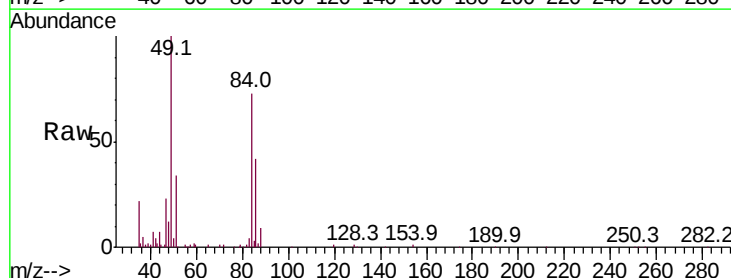
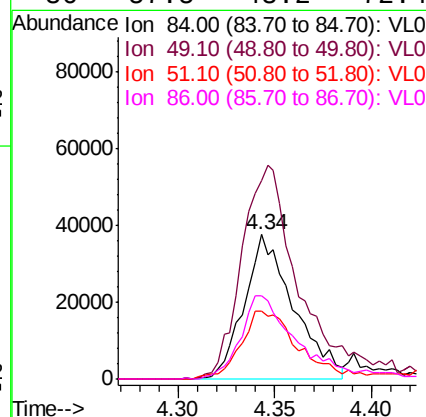
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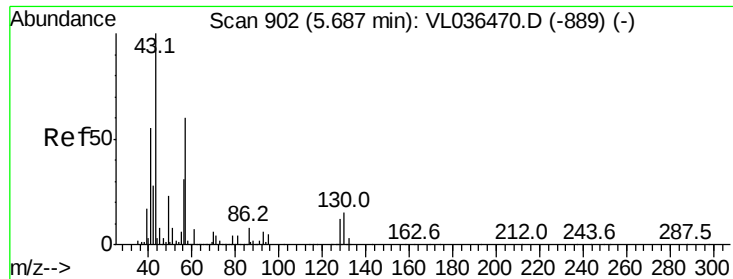
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#20
Methylene Chloride
Concen: 1.274 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL036714.D
Acq: 7 Apr 2021 1:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	137.0	122.9	184.3
51	47.2	36.9	55.3
86	57.5	48.2	72.4





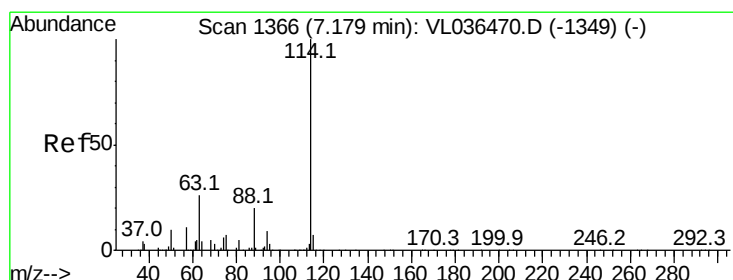
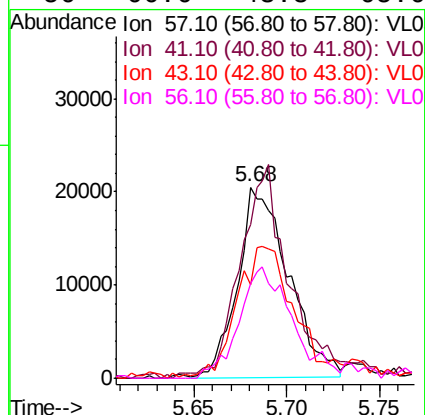
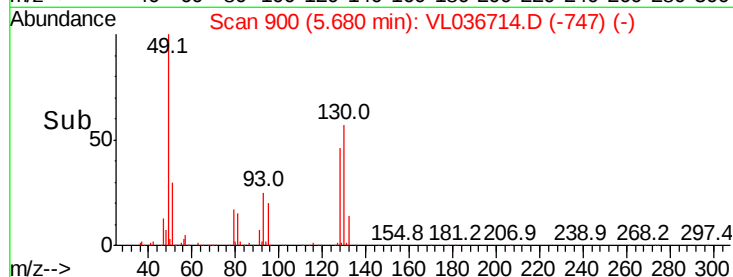
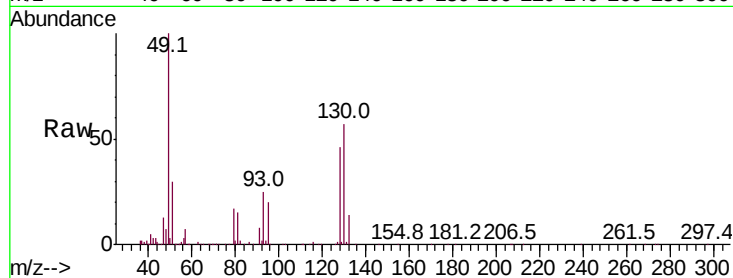
#26
Hexane
Concen: 0.313 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL036714.D
Acq: 7 Apr 2021 1:44

Instrument :
MSVOA_L
ClientSampleId :
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Tot Ion: 57 Resp: 38829
Ion Ratio Lower Upper
57 100
41 116.4 77.2 115.8#
43 84.8 173.8 260.6#
56 66.6 43.8 65.6#

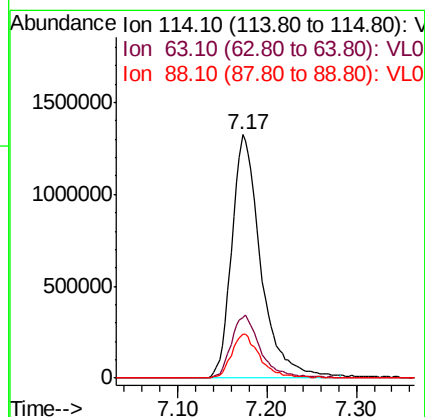
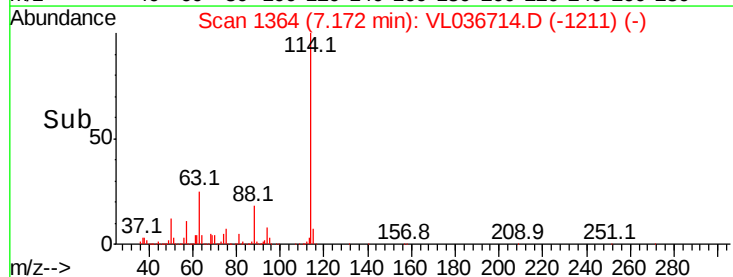
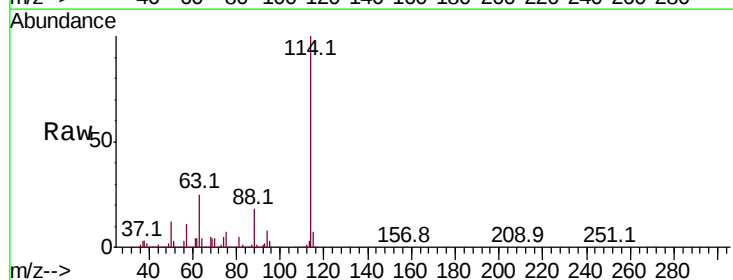
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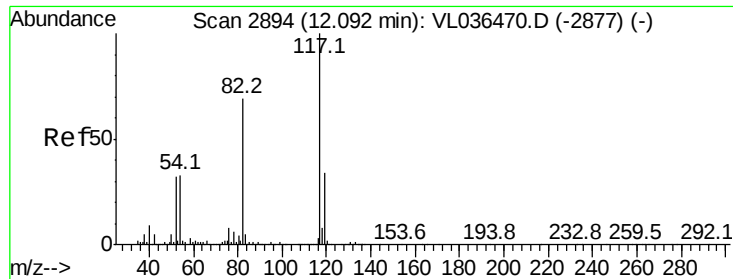
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL036714.D
Acq: 7 Apr 2021 1:44

Tgt Ion:114 Resp: 2989567
Ion Ratio Lower Upper
114 100
63 26.1 22.4 33.6
88 18.1 15.4 23.0





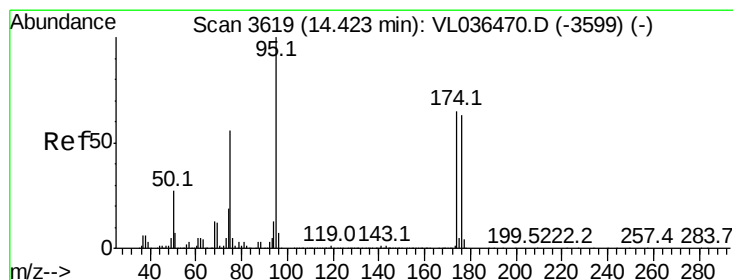
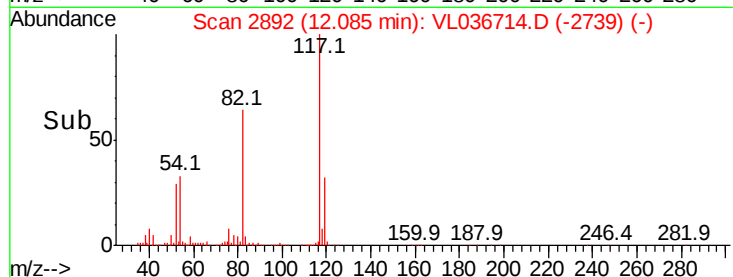
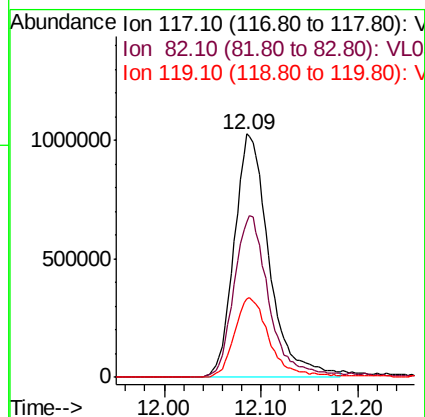
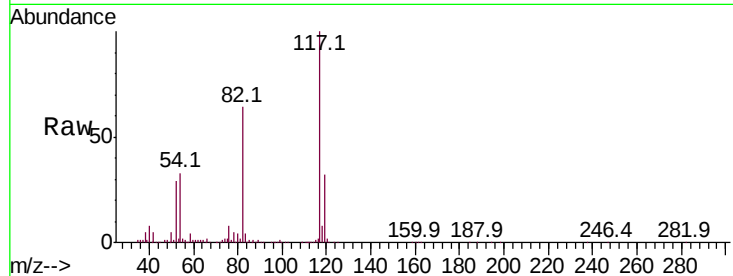
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL036714.D
Acq: 7 Apr 2021 1:44

Instrument :
MSVOA_L
ClientSampleId :
FS-SV1-FIELD

Tot Ion	Ratio	Lower	Upper
117	100		
82	67.0	57.4	86.0
119	33.6	47.4	71.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.570 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.00 min
Lab File: VL036714.D
Acq: 7 Apr 2021 1:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.0	51.0	76.6
175	5.0	3.9	5.9

