

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL040521\
 Data File : VL036688.D
 Acq On : 6 Apr 2021 1:05
 Operator : SY/AP
 Sample : M1877-11DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 UP-SG-8(2021)DL

Manual Integrations
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Quant Time: Apr 06 14:45:13 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	1317095	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3238448	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3007346	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2261589	9.44	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	11846	0.151	ppbv	93
13) Ethanol	3.60	45	607294	65.006	ppbv	92
15) Acetone	3.85	43	1329469	10.256	ppbv	98
19) Isopropyl Alcohol	3.97	45	1257112m	17.629	ppbv	
20) Methylene Chloride	4.35	84	141041m	2.324	ppbv	
26) Hexane	5.69	57	56696	0.396	ppbv #	44
59) m/p-Xylene	12.97	91	40840m	0.107	ppbv	

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

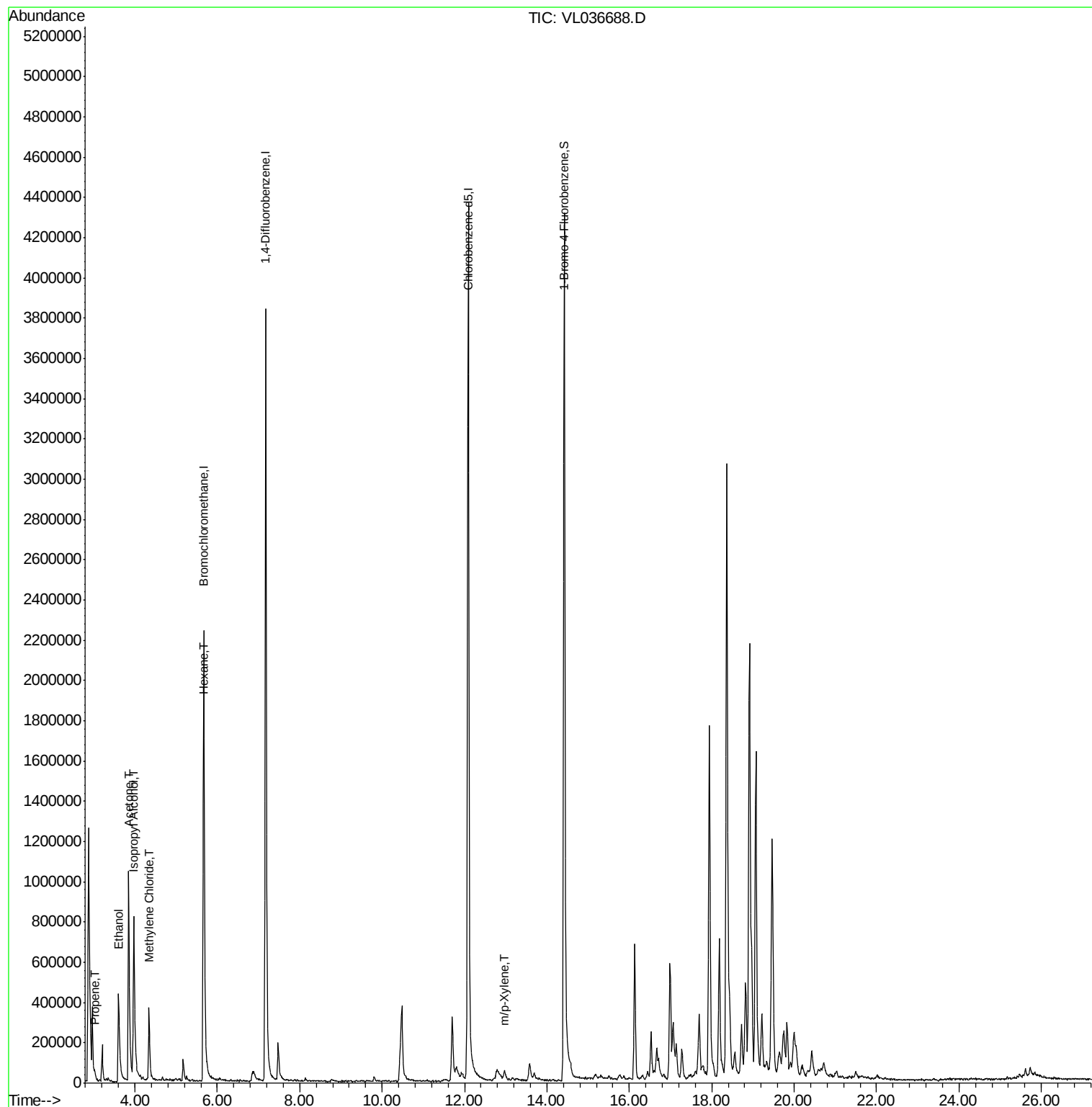
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Data File : VL036688.D
Acq On : 6 Apr 2021 1:05
Operator : SY/AP
Sample : M1877-11DL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

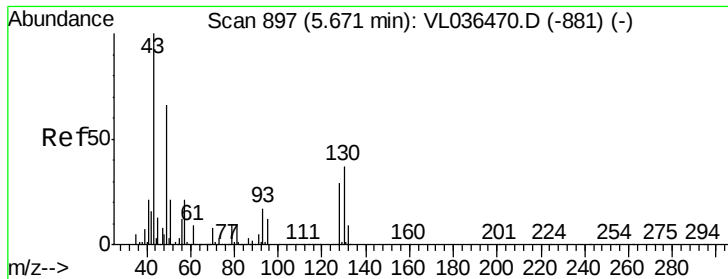
Instrument :
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

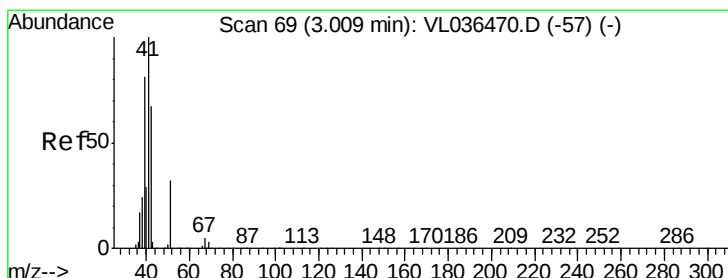
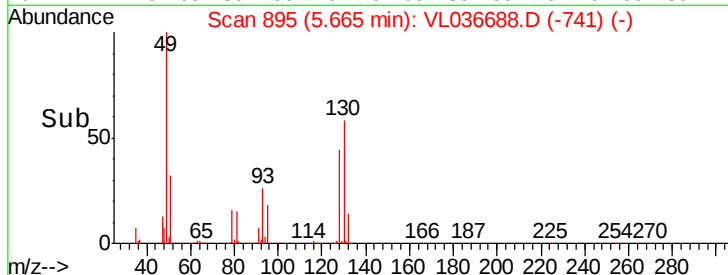
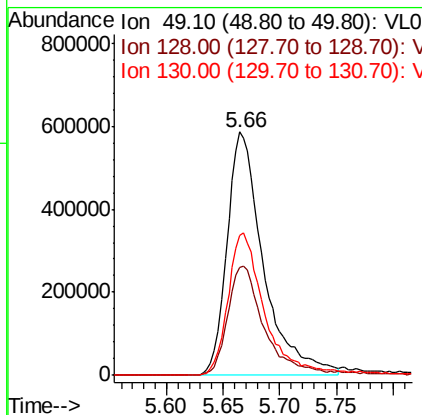
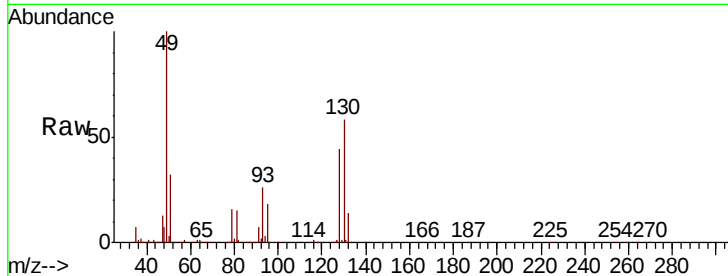
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: VL036688.D
 Acq: 6 Apr 2021 1:05

Instrument :
 MSVOA_L
 ClientSampleId :
 UP-SG-8(2021)DL

Tot Ion: 49 Resp: 1317095
 Ion Ratio Lower Upper
 49 100
 128 46.4 23.5 70.6
 130 59.8 29.1 87.4

Manual Integrations
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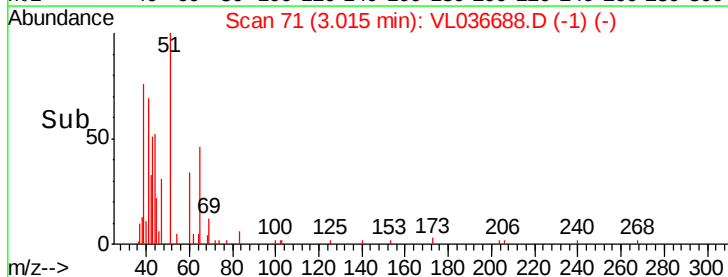
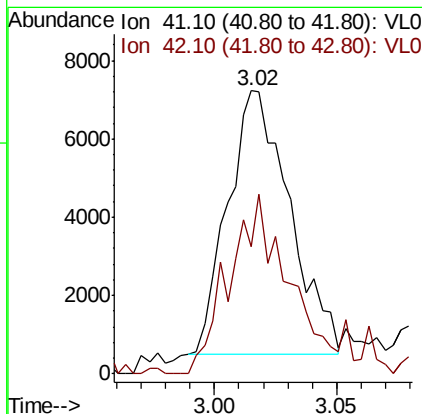
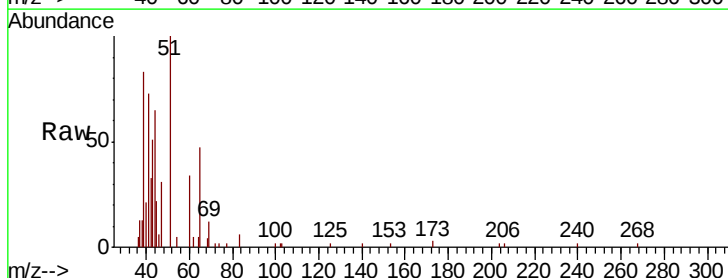
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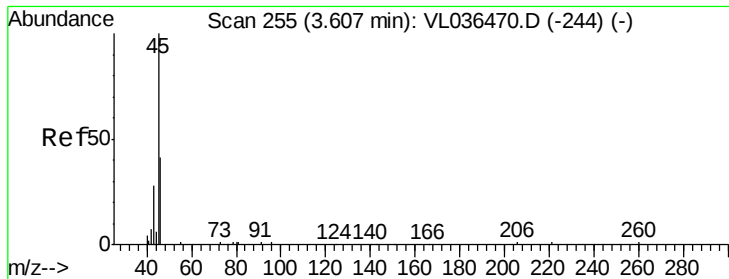


#9

Propene
 Concen: 0.151 ppbv
 RT: 3.02 min Scan# 71
 Delta R.T. 0.01 min
 Lab File: VL036688.D
 Acq: 6 Apr 2021 1:05

Tgt Ion: 41 Resp: 11846
 Ion Ratio Lower Upper
 41 100
 42 76.6 57.0 85.4





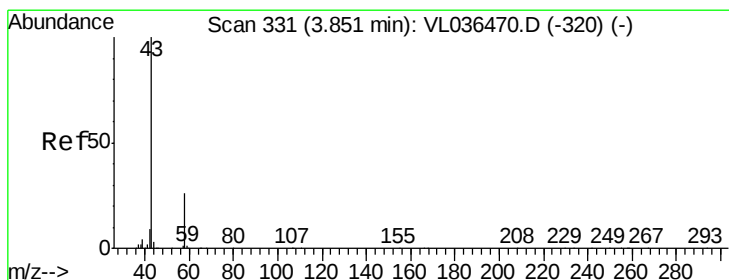
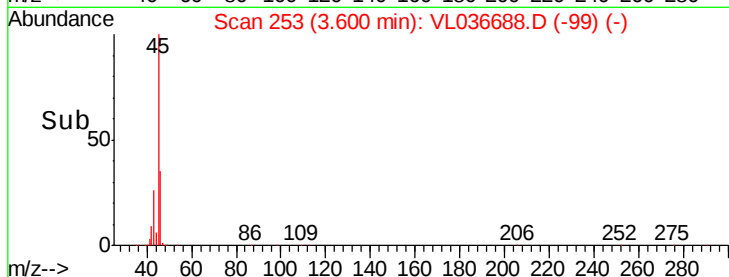
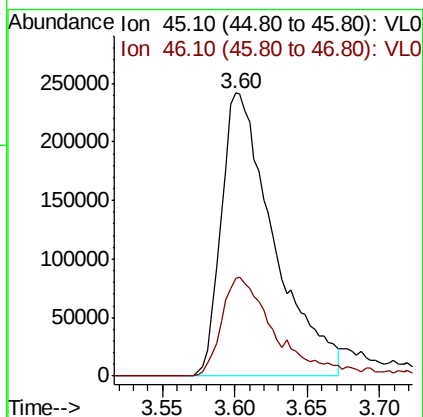
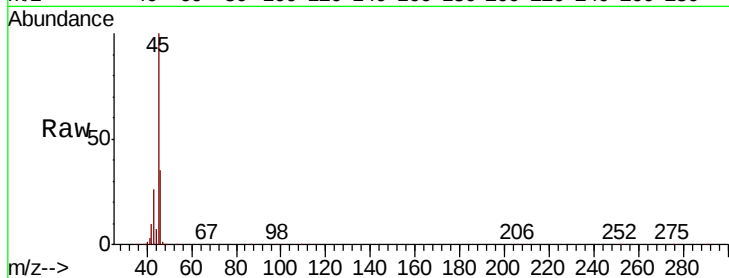
#13
Ethanol
Concen: 65.006 ppbv
RT: 3.60 min Scan# 253
Delta R.T. -0.01 min
Lab File: VL036688.D
Acq: 6 Apr 2021 1:05

Instrument :
MSVOA_L
ClientSampleId :
UP-SG-8(2021)DL

Tot Ion	45	Resp	607294
Ion Ratio	100	Lower	Upper
46	36.5	16.6	66.2

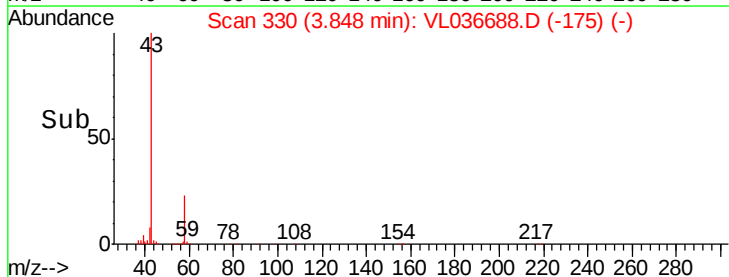
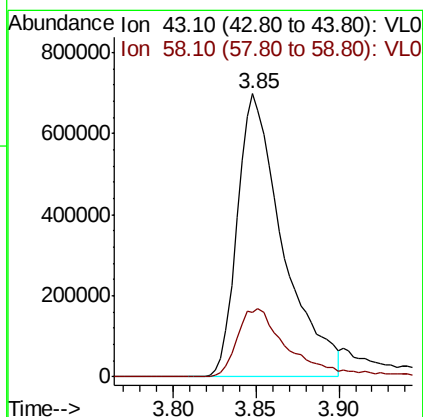
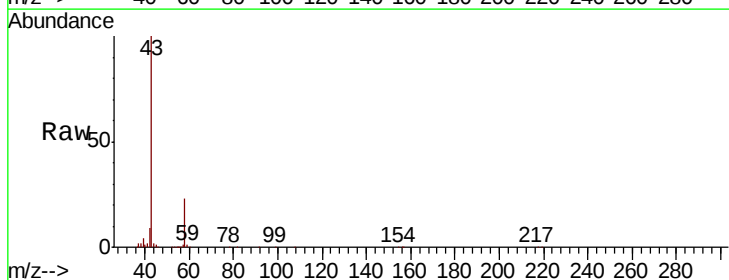
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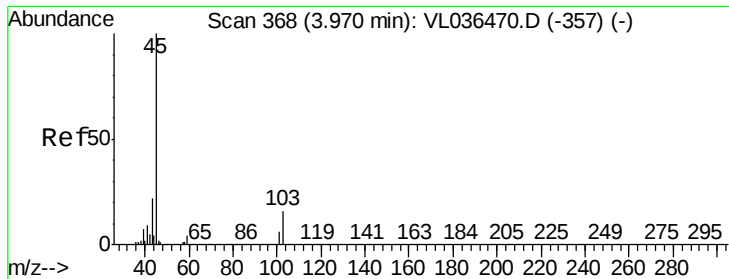
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#15
Acetone
Concen: 10.256 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL036688.D
Acq: 6 Apr 2021 1:05

Tgt Ion	43	Resp	1329469
Ion Ratio	100	Lower	Upper
58	27.7	21.2	31.8





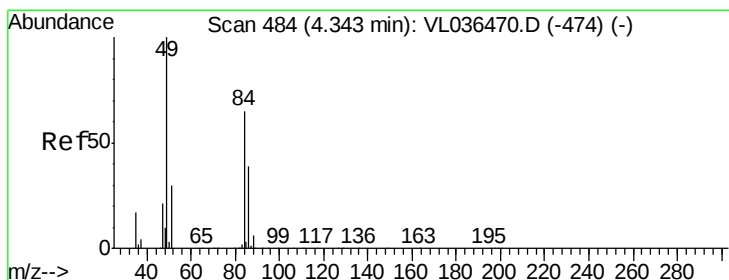
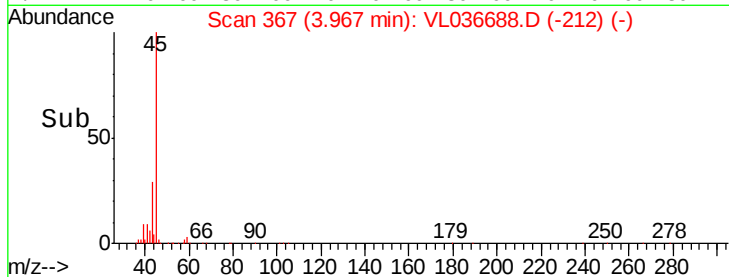
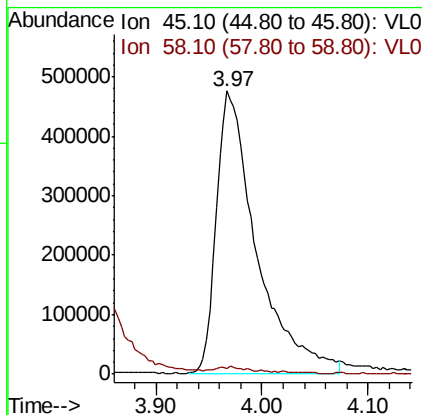
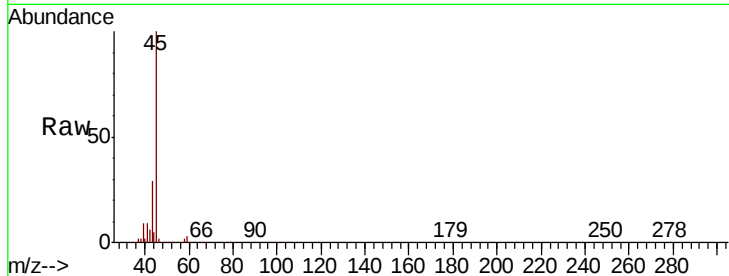
#19
Isopropyl Alcohol
Concen: 17.629 ppbv m
RT: 3.97 min Scan# 367
Delta R.T. -0.00 min
Lab File: VL036688.D
Acq: 6 Apr 2021 1:05

Instrument :
MSVOA_L
ClientSampleId :
UP-SG-8(2021)DL

Tot Ion: 45 Resp: 1257112
Ion Ratio Lower Upper
45 100
58 3.8 2.9 4.3

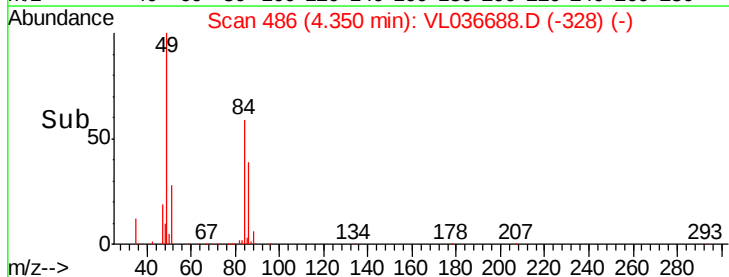
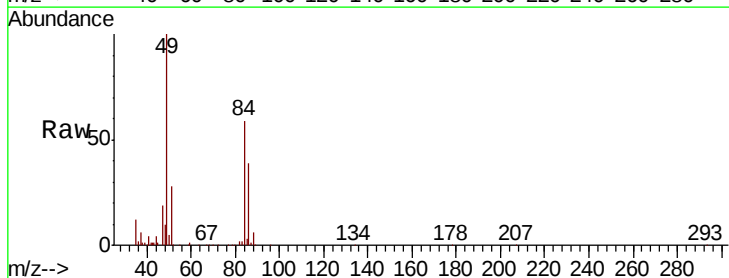
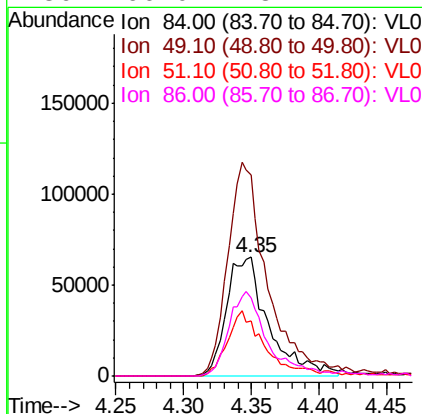
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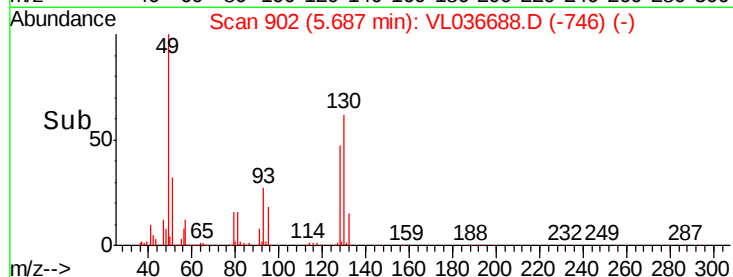
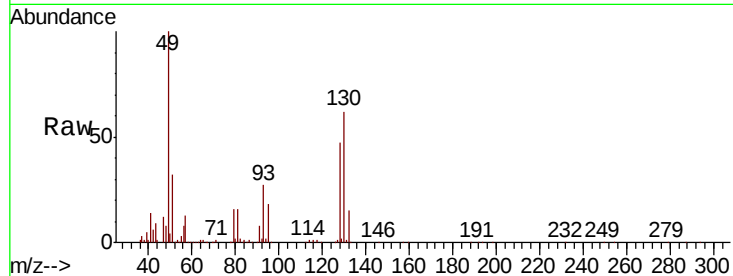
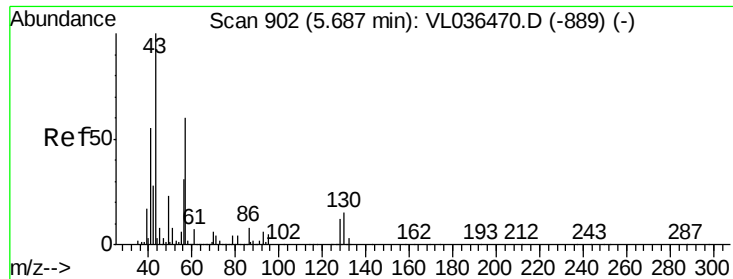
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#20
Methylene Chloride
Concen: 2.324 ppbv m
RT: 4.35 min Scan# 486
Delta R.T. 0.01 min
Lab File: VL036688.D
Acq: 6 Apr 2021 1:05

Tgt Ion: 84 Resp: 141041
Ion Ratio Lower Upper
84 100
49 169.7 122.9 184.3
51 46.9 36.9 55.3
86 66.0 48.2 72.4





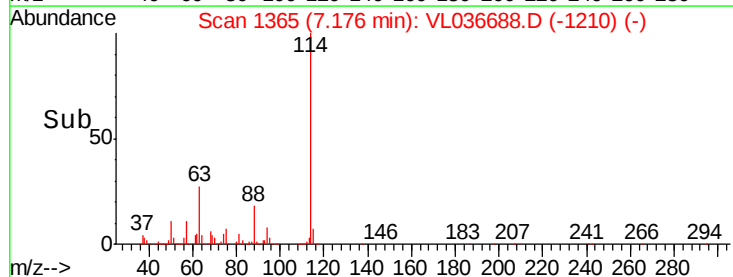
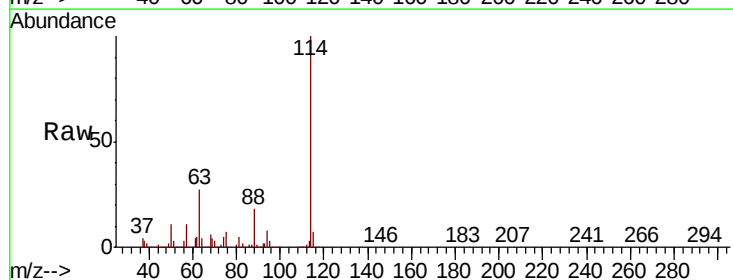
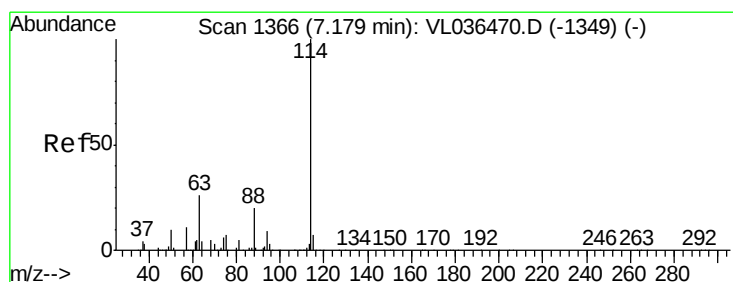
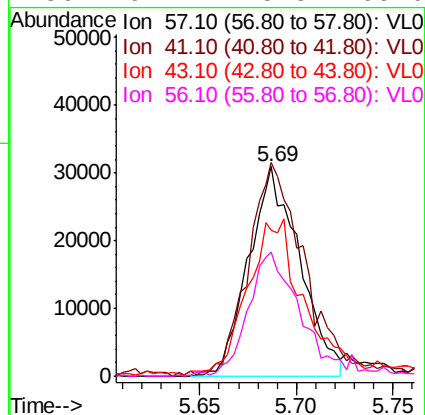
#26
Hexane
Concen: 0.396 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL036688.D
Acq: 6 Apr 2021 1:05

Tot Ion	Ratio	Resp	Lower	Upper
57	100			
41	117.5	77.2	115.8#	
43	85.7	173.8	260.6#	
56	64.1	43.8	65.6	

Instrument :
MSVOA_L
ClientSampleId :
UP-SG-8(2021)DL

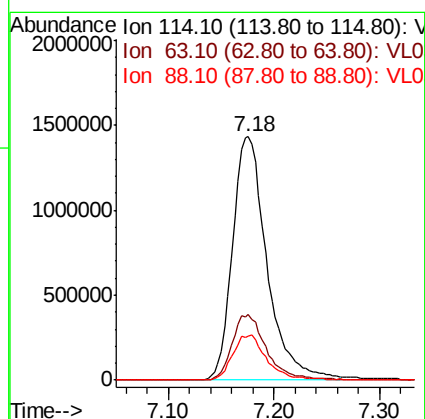
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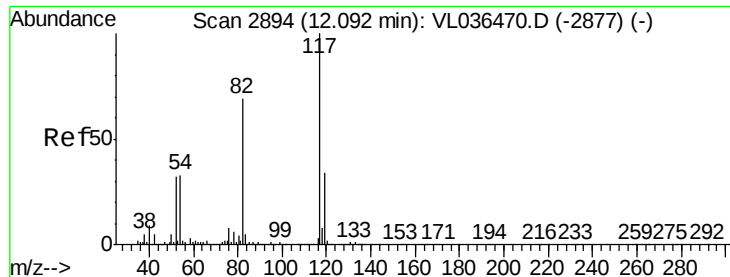
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL036688.D
Acq: 6 Apr 2021 1:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	27.2	22.4	33.6	
88	18.7	15.4	23.0	





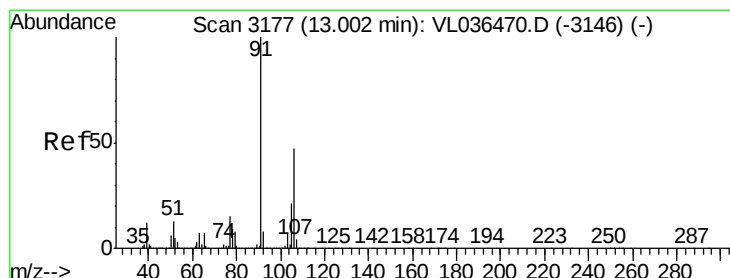
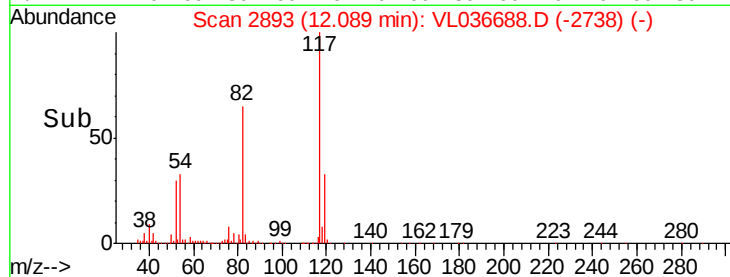
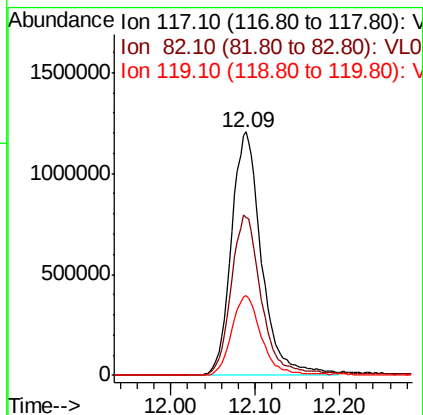
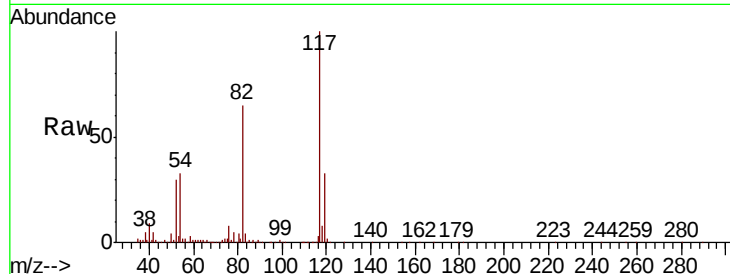
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL036688.D
Acq: 6 Apr 2021 1:05

Instrument :
MSVOA_L
ClientSampleId :
UP-SG-8(2021)DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	67.2	57.4	86.0
119	33.1	47.4	71.0

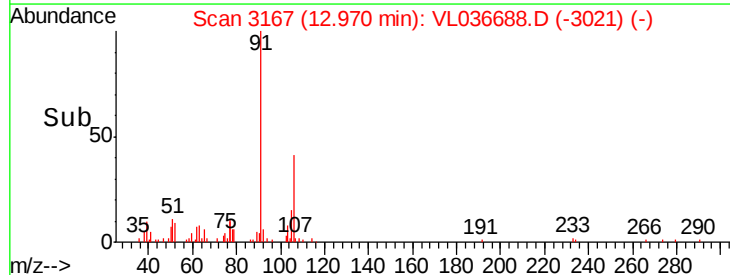
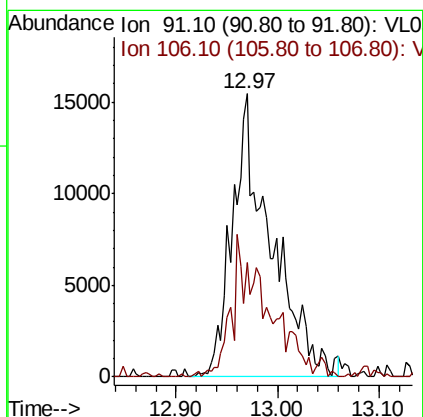
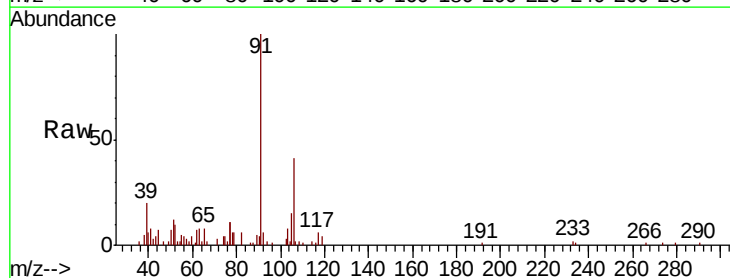
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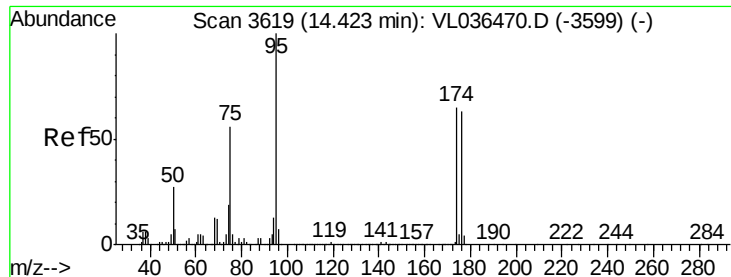
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#59
m/p-Xylene
Concen: 0.107 ppbv m
RT: 12.97 min Scan# 3167
Delta R.T. -0.03 min
Lab File: VL036688.D
Acq: 6 Apr 2021 1:05

Tgt Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.3	52.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.436 ppbv
 RT: 14.42 min Scan# 3618
 Delta R.T. -0.00 min
 Lab File: VL036688.D
 Acq: 6 Apr 2021 1:05

Instrument :
 MSVOA_L
 ClientSampleId :
 UP-SG-8(2021)DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	67.9	51.0	76.6
175	5.0	3.9	5.9

Manual Integrations
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