

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032621\
 Data File : VL036521.D
 Acq On : 26 Mar 2021 19:52
 Operator : SY/AP
 Sample : M1760-15DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2-MUSIC-RMDL

Manual Integrations
 APPROVED

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Quant Time: Mar 28 21:18:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 28 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	5.67	49	1384875	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3124732	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2847905	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2154831	9.49	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.15	50	66342m	0.726	ppbv	
13) Ethanol	3.61	45	421361	42.896	ppbv	96
15) Acetone	3.86	43	214701m	1.575	ppbv	
19) Isopropyl Alcohol	3.99	45	126907m	1.693	ppbv	
20) Methylene Chloride	4.35	84	19671	0.308	ppbv #	81
31) cis-1,2-Dichloroethene	5.56	61	19612m	0.135	ppbv	
38) Trichloroethene	7.84	130	63023m	0.562	ppbv	

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

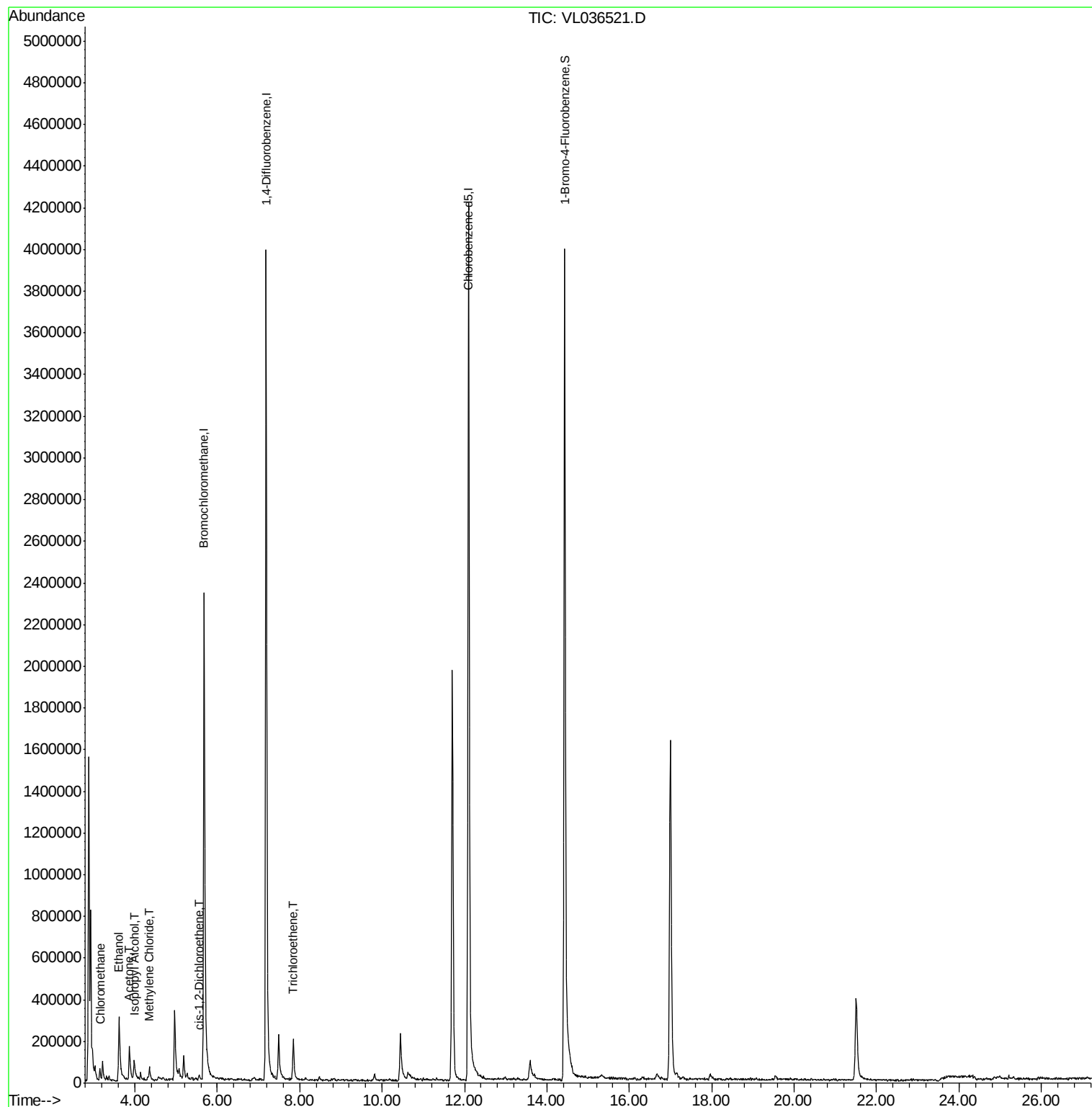
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032621\
Data File : VL036521.D
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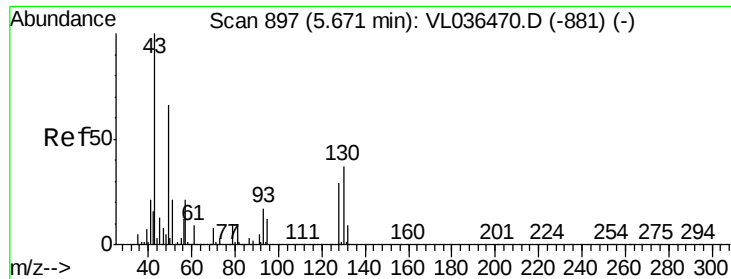
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Mar 28 21:18:10 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.00 min

Lab File: VL036521.D

Acq: 26 Mar 2021 19:52

Instrument :

MSVOA_L

ClientSampleId :

SS-2-MUSIC-RMDL

Tot Ion: 49 Resp: 1384875

Ion Ratio Lower Upper

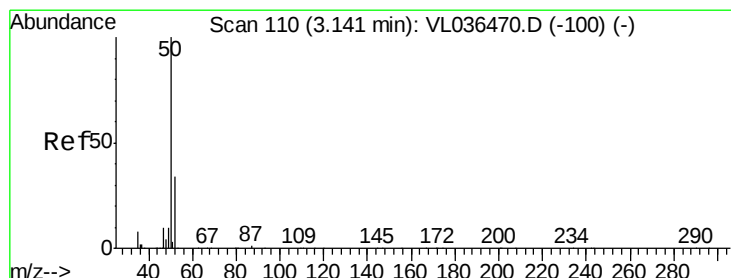
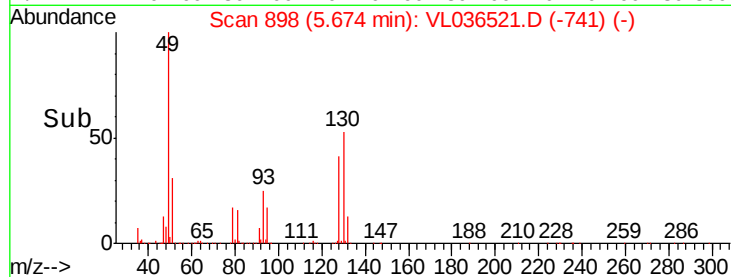
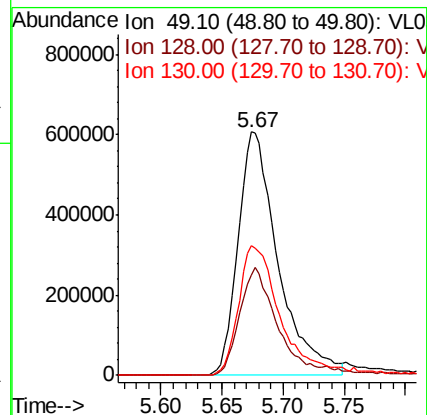
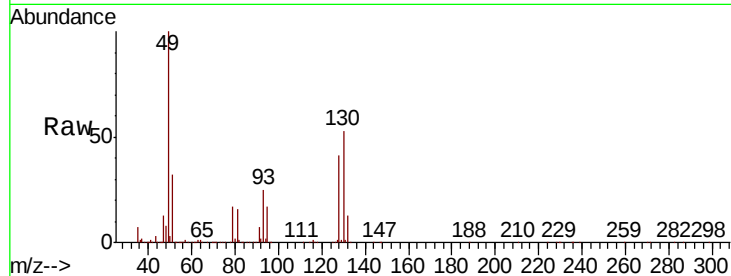
49 100

128 44.4 23.5 70.6

130 57.8 29.1 87.4

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#4

Chloromethane

Concen: 0.726 ppbv m

RT: 3.15 min Scan# 114

Delta R.T. 0.01 min

Lab File: VL036521.D

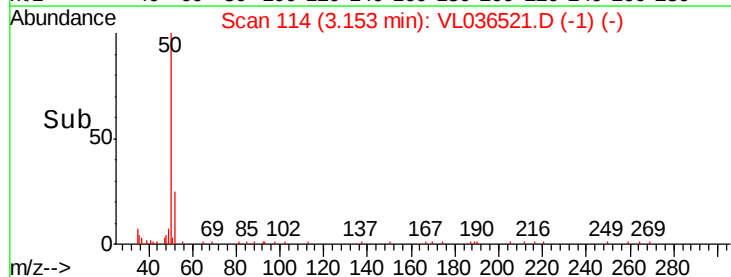
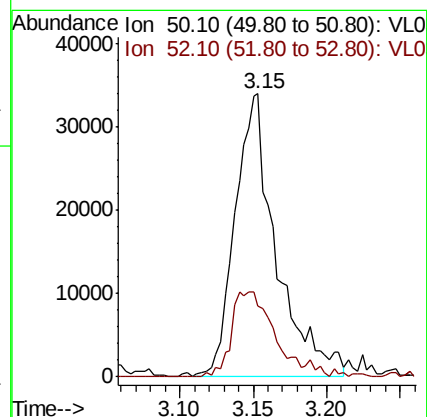
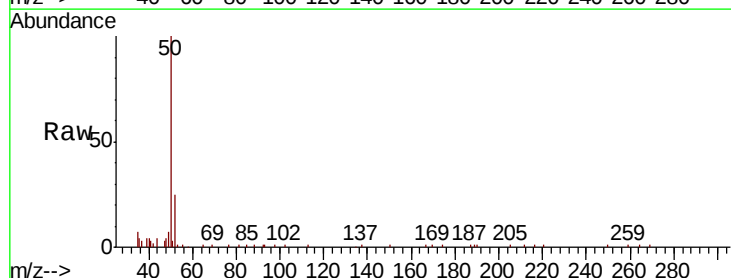
Acq: 26 Mar 2021 19:52

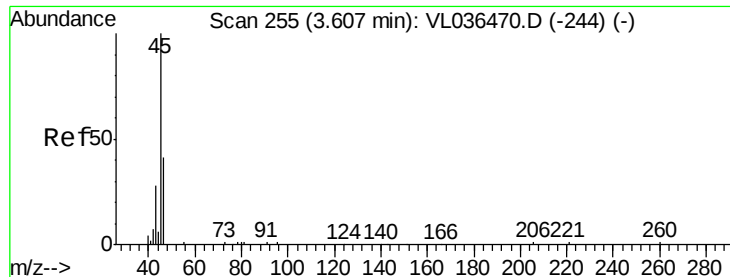
Tgt Ion: 50 Resp: 66342

Ion Ratio Lower Upper

50 100

52 24.9 27.0 40.6#





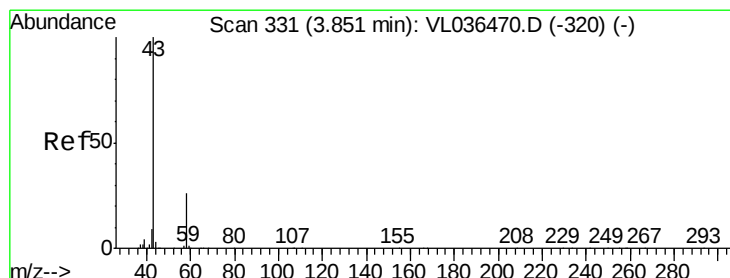
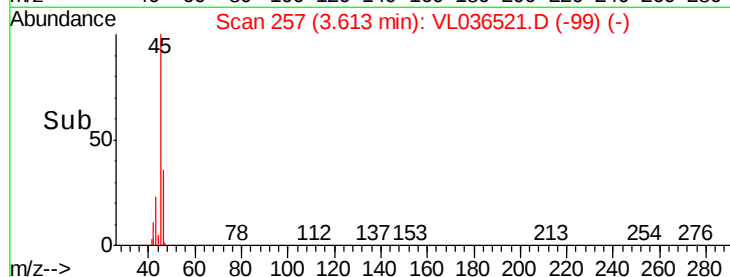
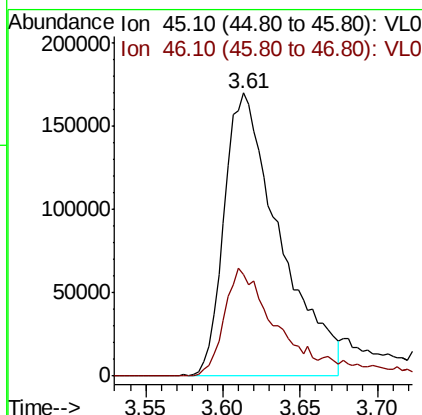
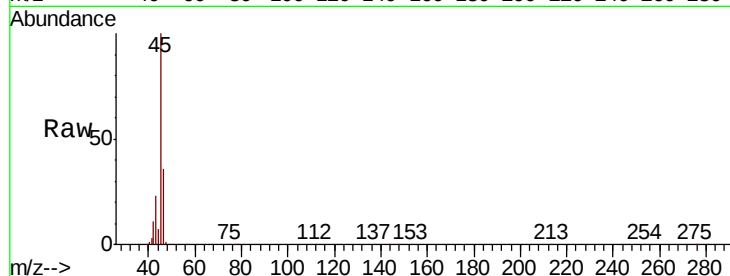
#13
Ethanol
Concen: 42.896 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.01 min
Lab File: VL036521.D
Acq: 26 Mar 2021 19:52

Instrument :
MSVOA_L
ClientSampleId :
SS-2-MUSIC-RMDL

Tot Ion	45	46	Ratio	Lower	Upper
45	100				
46	39.2		16.6	66.2	

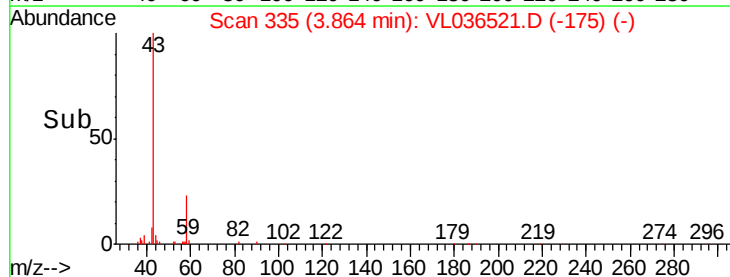
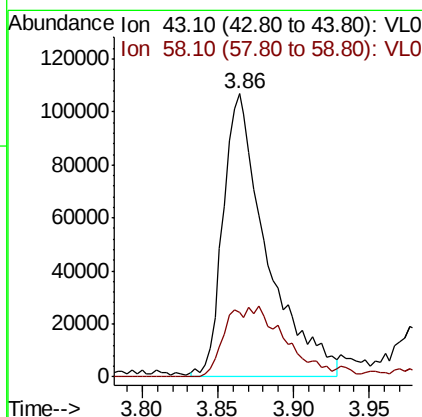
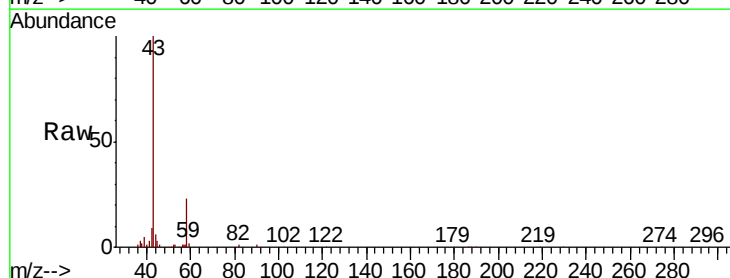
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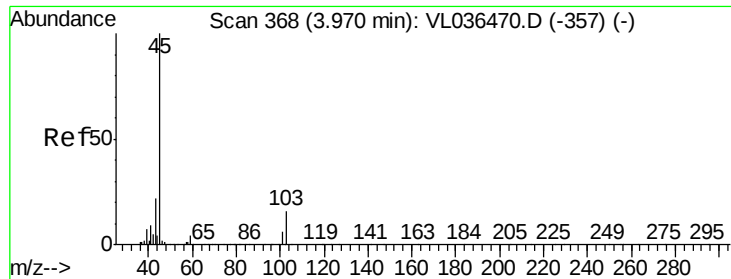
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#15
Acetone
Concen: 1.575 ppbv m
RT: 3.86 min Scan# 335
Delta R.T. 0.01 min
Lab File: VL036521.D
Acq: 26 Mar 2021 19:52

Tgt Ion	43	58	Ratio	Lower	Upper
43	100				
58	35.9		21.2	31.8	





#19

Isopropyl Alcohol

Concen: 1.693 ppbv m

RT: 3.99 min Scan# 373

Delta R.T. 0.02 min

Lab File: VL036521.D

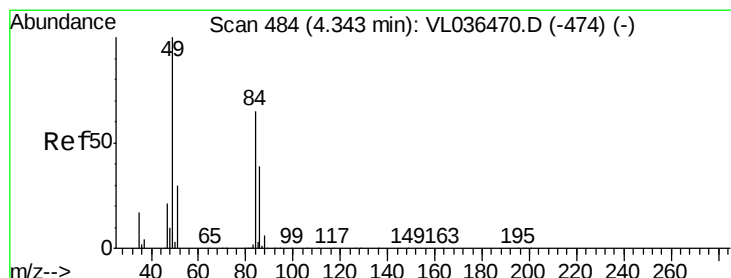
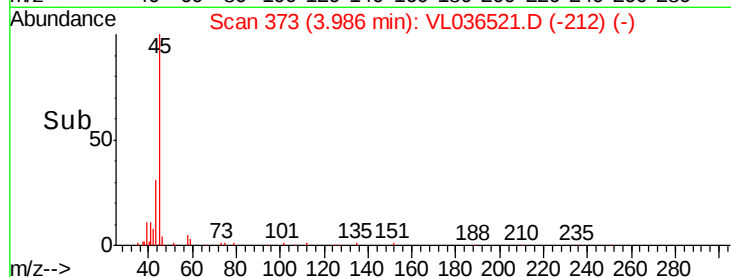
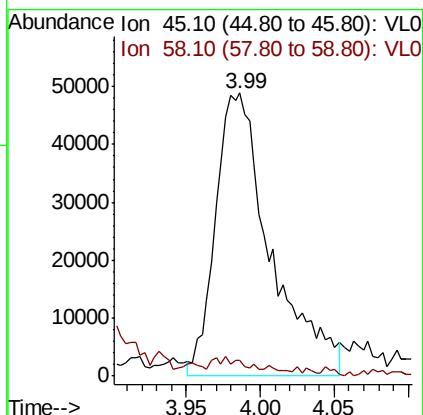
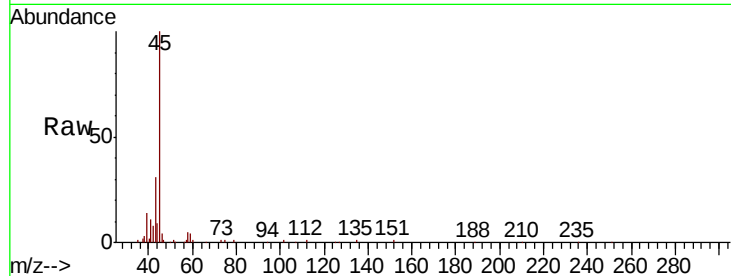
Acq: 26 Mar 2021 19:52

Tot Ion:	45	Resp:	126907
Ion Ratio	Lower	Upper	
45	100		
58	3.4	2.9	4.3

Instrument :
MSVOA_L
ClientSampleId :
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#20

Methylene Chloride

Concen: 0.308 ppbv

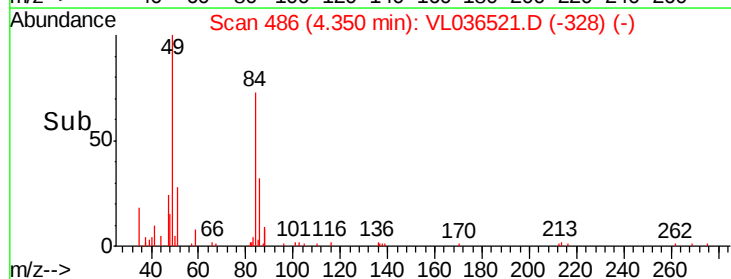
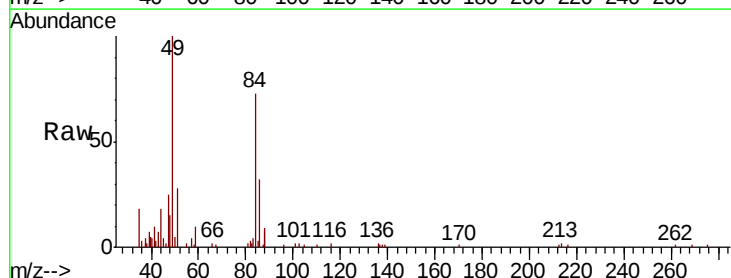
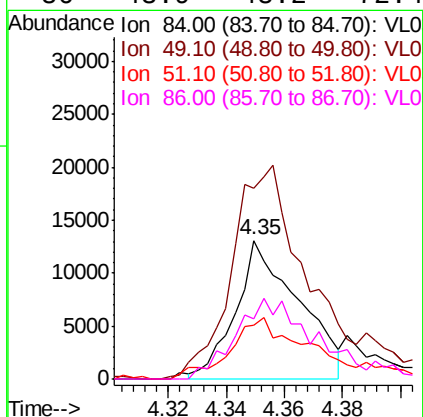
RT: 4.35 min Scan# 486

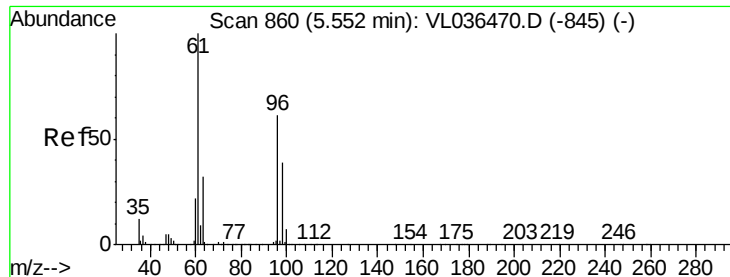
Delta R.T. 0.01 min

Lab File: VL036521.D

Acq: 26 Mar 2021 19:52

Tgt Ion:	84	Resp:	19671
Ion Ratio	Lower	Upper	
84	100		
49	130.4	122.9	184.3
51	31.9	36.9	55.3#
86	43.9	48.2	72.4#





#31

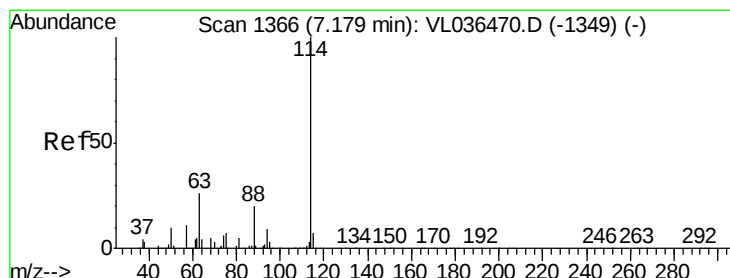
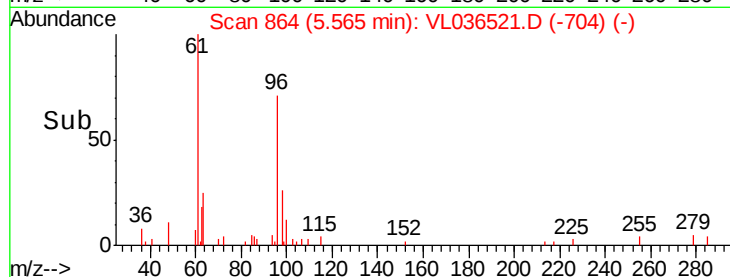
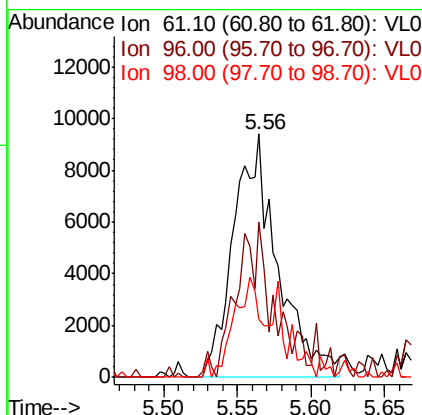
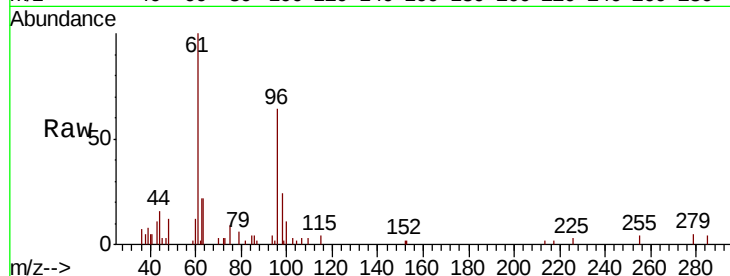
cis-1,2-Dichloroethene
 Concen: 0.135 ppbv m
 RT: 5.56 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VL036521.D
 Acq: 26 Mar 2021 19:52

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2-MUSIC-RMDL

Tot Ion	Ratio	Lower	Upper
61	100		
96	63.9	48.7	73.1
98	23.6	31.4	47.0

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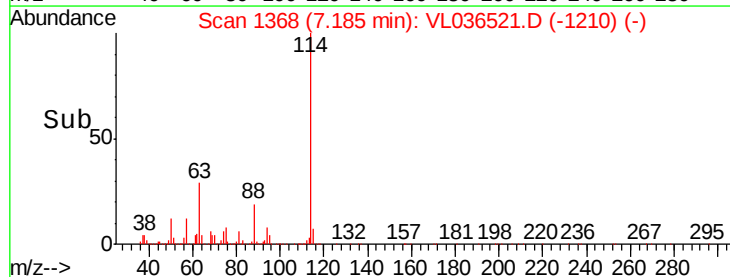
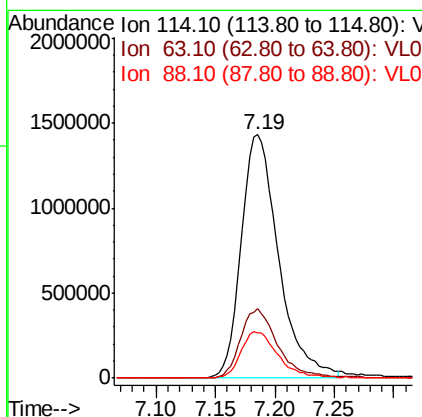
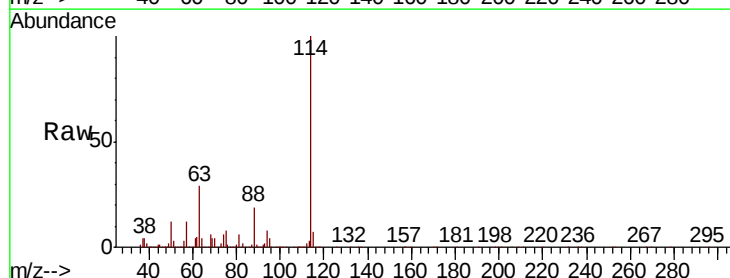
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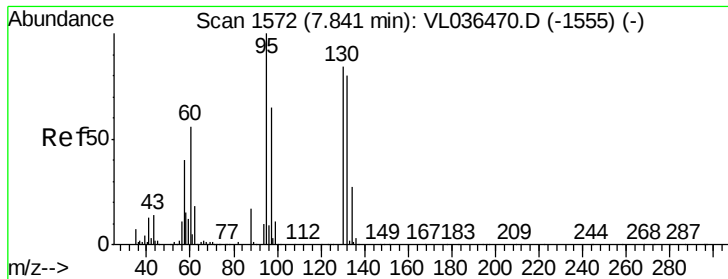


#33

1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: VL036521.D
 Acq: 26 Mar 2021 19:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	28.7	22.4	33.6
88	19.2	15.4	23.0





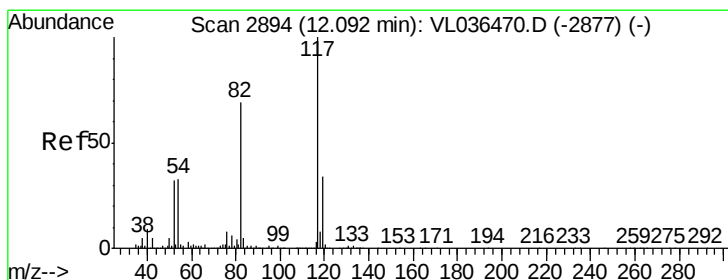
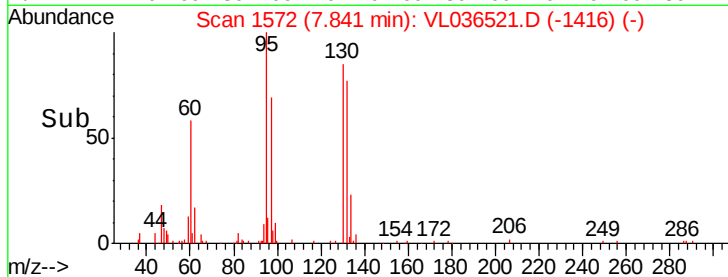
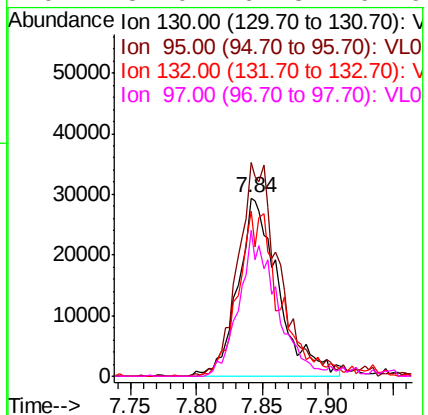
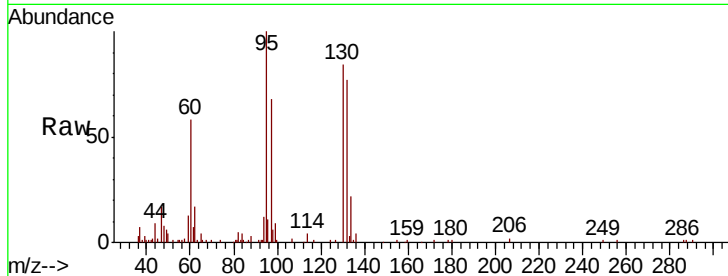
#38
 Trichloroethene
 Concen: 0.562 ppbv m
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VL036521.D
 Acq: 26 Mar 2021 19:52

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2-MUSIC-RMDL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
130	100		63023		
95	119.7	95.7	143.5		
132	92.6	76.2	114.4		
97	82.0	61.8	92.6		

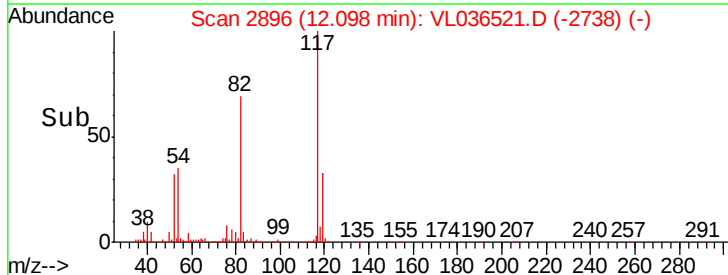
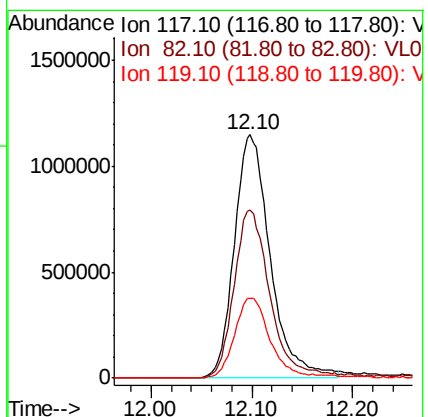
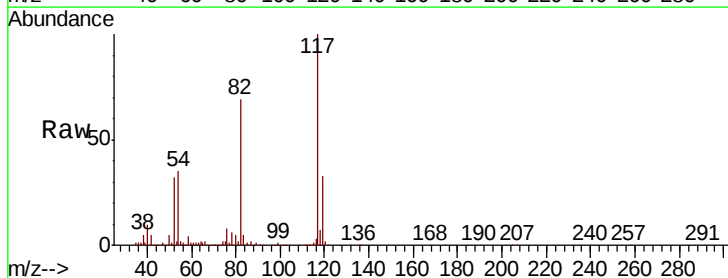
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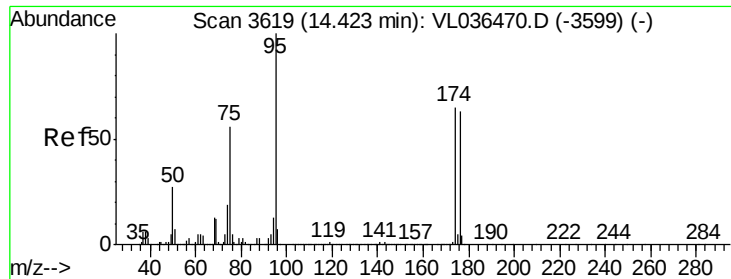
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2896
 Delta R.T. 0.01 min
 Lab File: VL036521.D
 Acq: 26 Mar 2021 19:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		2847905		
82	71.5	57.4	86.0		
119	33.4	47.4	71.0#		





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.493 ppbv
 RT: 14.43 min Scan# 3621
 Delta R.T. 0.01 min
 Lab File: VL036521.D
 Acq: 26 Mar 2021 19:52

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2-MUSIC-RMDL

Tot Ion	Ratio	Lower	Upper
95	100		
174	66.6	51.0	76.6
175	5.0	3.9	5.9

Manual Integrations
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