

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032621\
 Data File : VL036531.D
 Acq On : 27 Mar 2021 2:27
 Operator : SY/AP
 Sample : M1760-18DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-4-STORAGE-RMDL

Manual Integrations
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Quant Time: Mar 28 21:39:16 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	5.66	49	1309956	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2953173	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2649470	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2041827	9.67	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	182731	19.667	ppbv	99
15) Acetone	3.85	43	126120m	0.978	ppbv	
19) Isopropyl Alcohol	3.98	45	54377m	0.767	ppbv	
20) Methylene Chloride	4.34	84	88341m	1.463	ppbv	
38) Trichloroethene	7.84	130	15795m	0.149	ppbv	

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

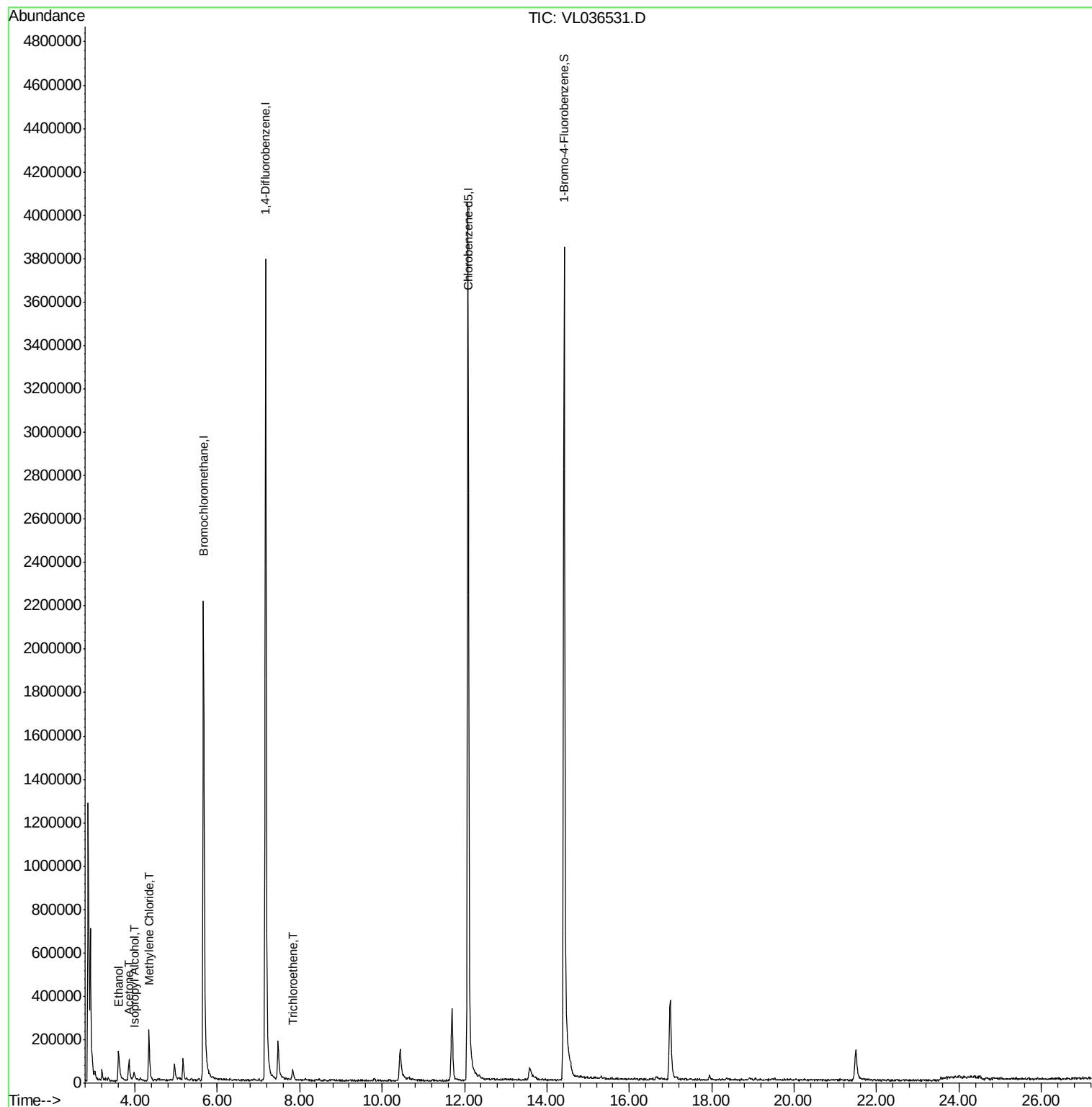
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032621\
Data File : VL036531.D
Acq On : 27 Mar 2021 2:27
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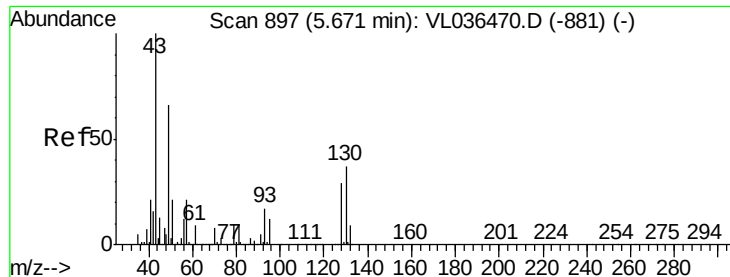
Instrument :
MSVOA_L
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Quant Time: Mar 28 21:39:16 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.01 min

Lab File: VL036531.D

Acq: 27 Mar 2021 2:27

Instrument :

MSVOA_L

ClientSampleId :

SS-4-STORAGE-RMDL

Tot Ion: 49 Resp: 1309956

Ion Ratio Lower Upper

49 100

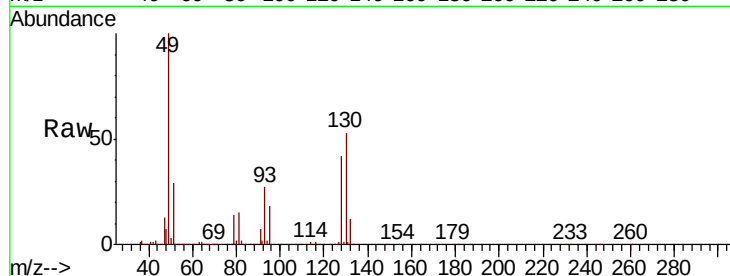
128 45.3 23.5 70.6

130 56.7 29.1 87.4

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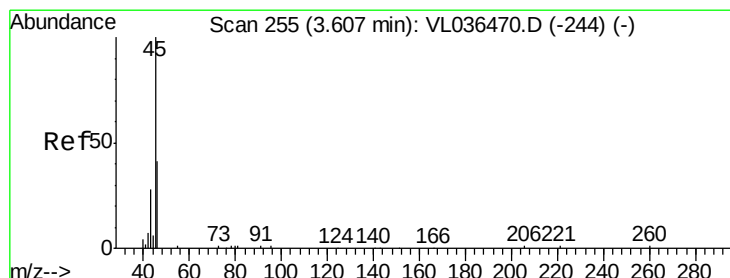
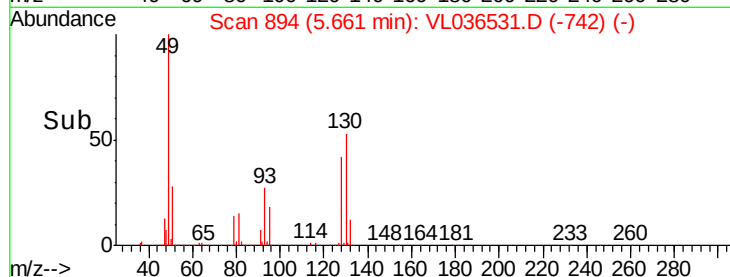
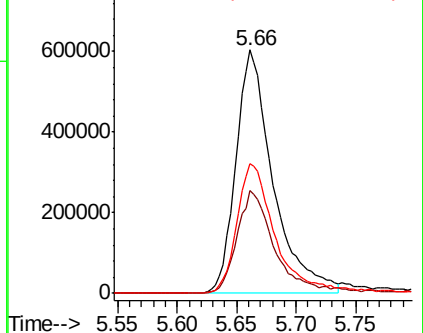
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 19.667 ppbv

RT: 3.61 min Scan# 255

Delta R.T. -0.00 min

Lab File: VL036531.D

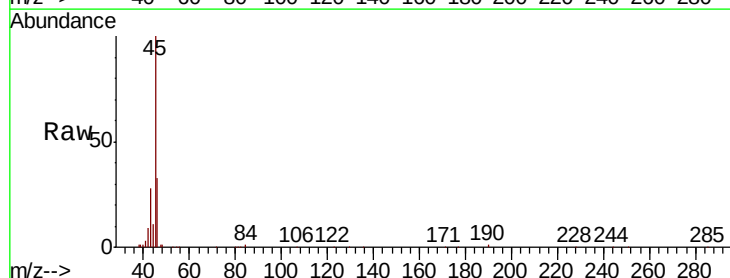
Acq: 27 Mar 2021 2:27

Tgt Ion: 45 Resp: 182731

Ion Ratio Lower Upper

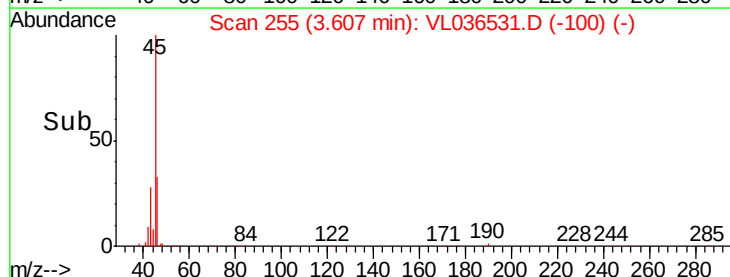
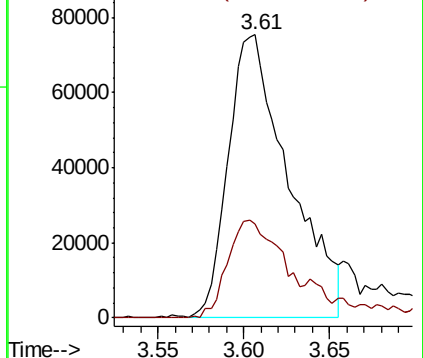
45 100

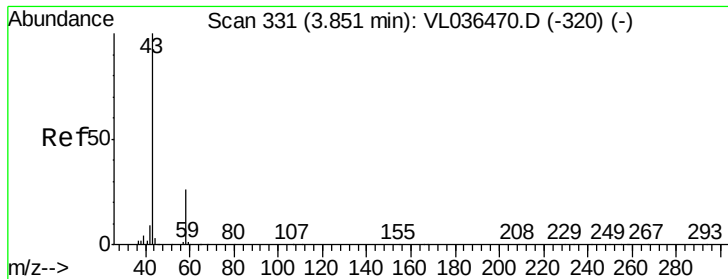
46 41.0 16.6 66.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





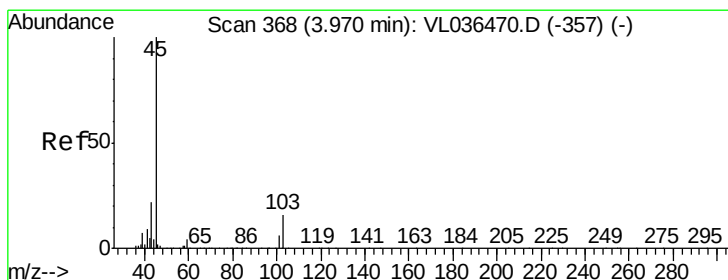
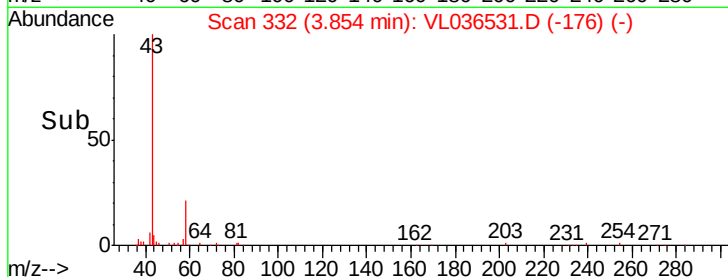
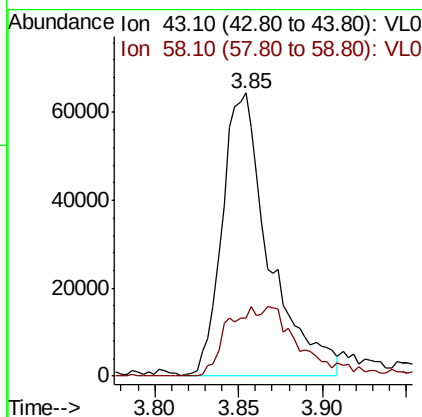
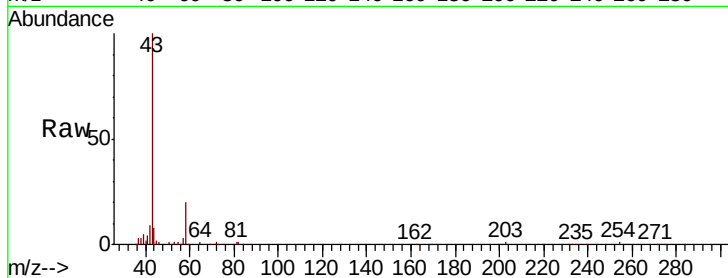
#15
Acetone
Concen: 0.978 ppbv m
RT: 3.85 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL036531.D
Acq: 27 Mar 2021 2:27

Instrument :
MSVOA_L
ClientSampleId :
SS-4-STORAGE-RMDL

Tot Ion	43	Resp	126120
Ion Ratio	Lower	Upper	
43	100		
58	37.1	21.2	31.8#

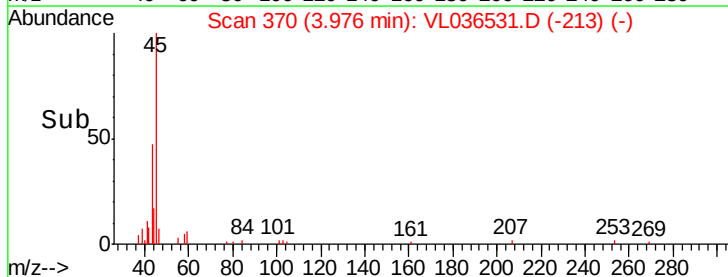
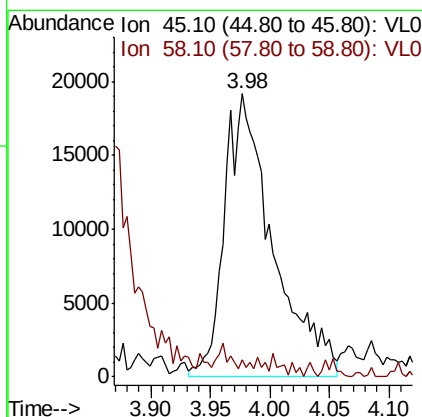
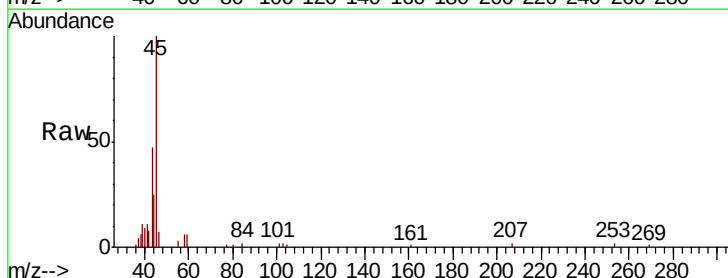
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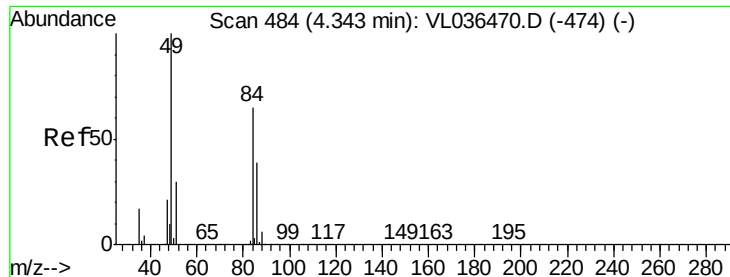
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#19
Isopropyl Alcohol
Concen: 0.767 ppbv m
RT: 3.98 min Scan# 370
Delta R.T. 0.01 min
Lab File: VL036531.D
Acq: 27 Mar 2021 2:27

Tgt Ion	45	Resp	54377
Ion Ratio	Lower	Upper	
45	100		
58	8.4	2.9	4.3#





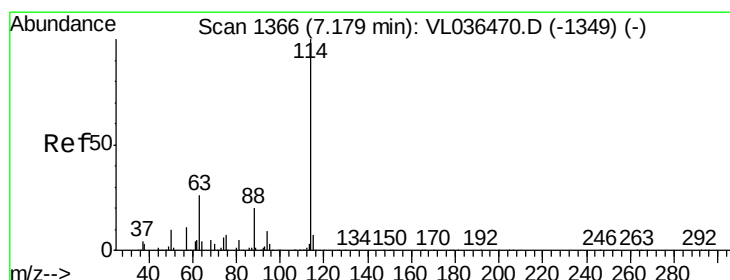
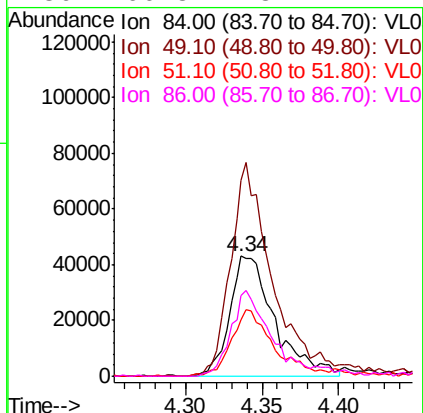
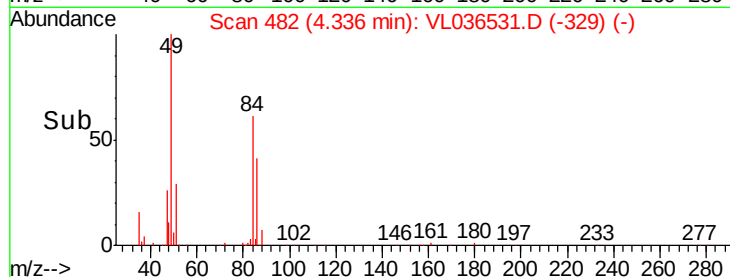
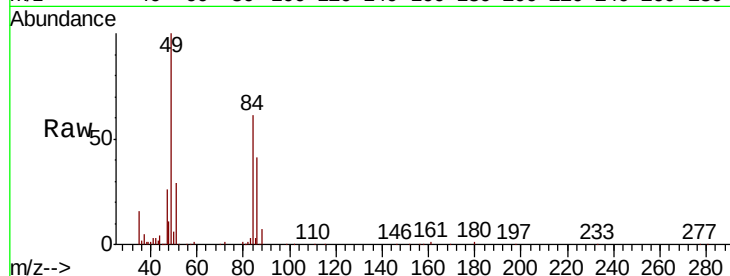
#20
Methvlene Chloride
Concen: 1.463 ppbv m
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL036531.D
Acq: 27 Mar 2021 2:27

Instrument :
MSVOA_L
ClientSampleId :
SS-4-STORAGE-RMDL

Tot Ion:	84	Resp:	88341
Ion	Ratio	Lower	Upper
84	100		
49	162.7	122.9	184.3
51	46.7	36.9	55.3
86	66.8	48.2	72.4

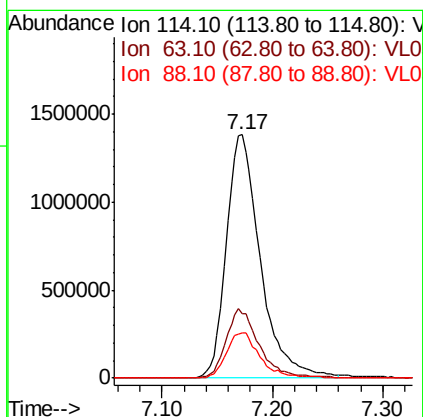
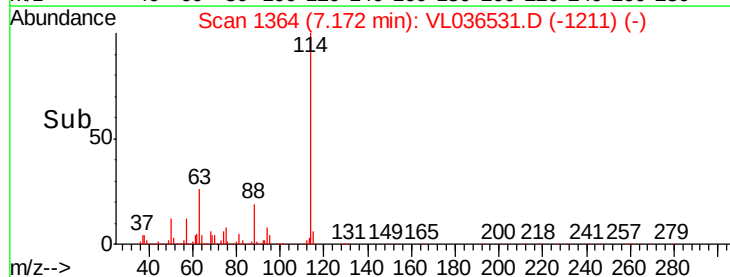
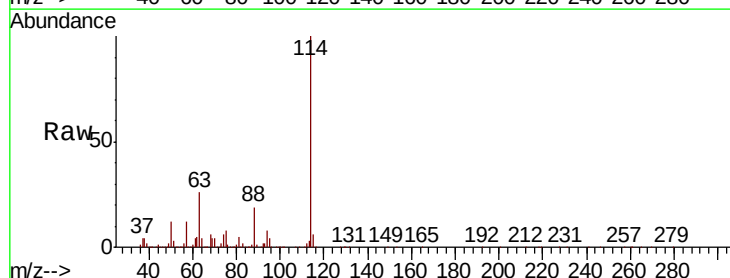
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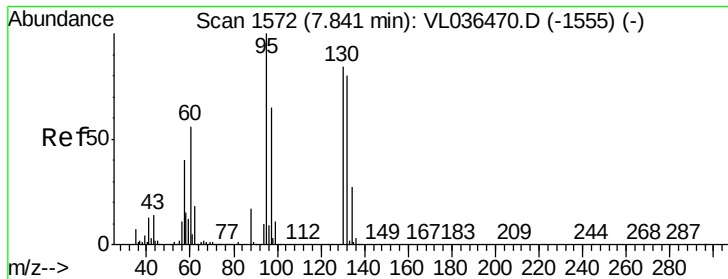
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL036531.D
Acq: 27 Mar 2021 2:27

Tgt Ion:	114	Resp:	2953173
Ion	Ratio	Lower	Upper
114	100		
63	28.2	22.4	33.6
88	18.9	15.4	23.0





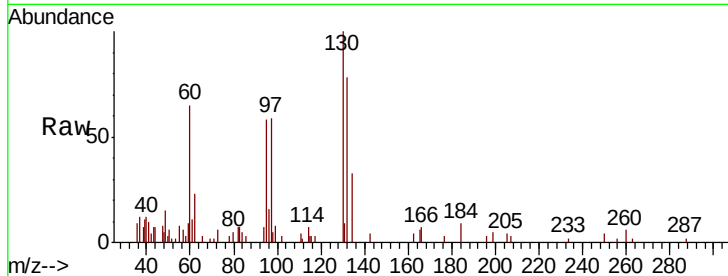
#38
 Trichloroethene
 Concen: 0.149 ppbv m
 RT: 7.84 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VL036531.D
 Acq: 27 Mar 2021 2:27

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-4-STORAGE-RMDL

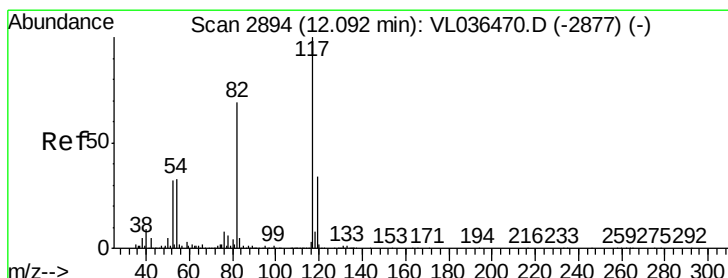
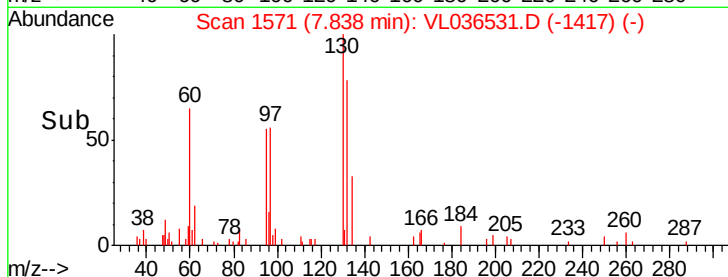
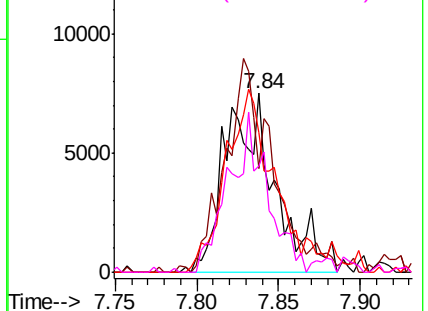
Tot Ion	Ratio	Lower	Upper
130	100		
95	57.8	95.7	143.5#
132	77.8	76.2	114.4
97	59.1	61.8	92.6#

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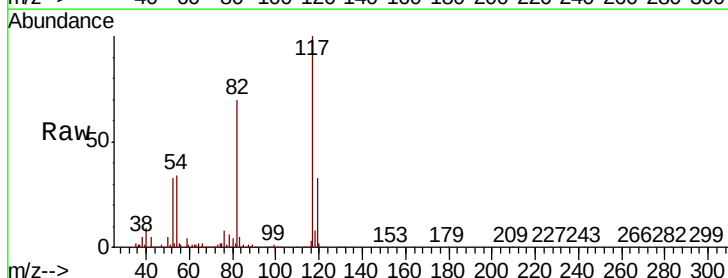


Abundance Ion 130.00 (129.70 to 130.70): V
 Ion 95.00 (94.70 to 95.70): VL0
 Ion 132.00 (131.70 to 132.70): V
 Ion 97.00 (96.70 to 97.70): VL0

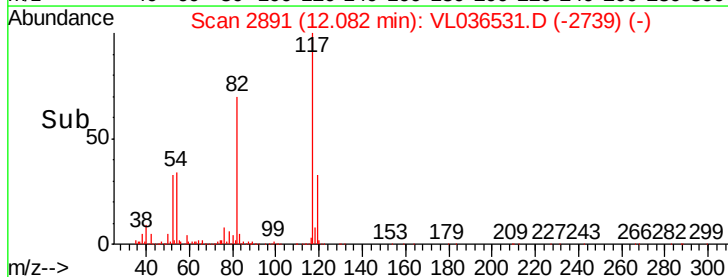
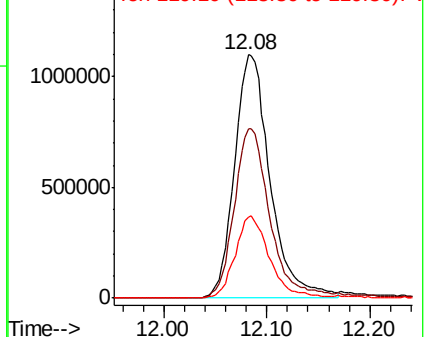


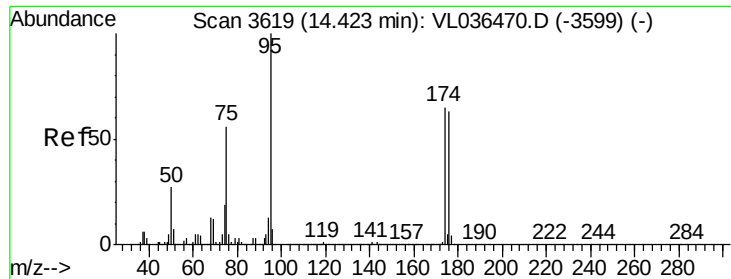
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2891
 Delta R.T. -0.01 min
 Lab File: VL036531.D
 Acq: 27 Mar 2021 2:27

Tgt Ion	Ratio	Lower	Upper
117	100		
82	71.4	57.4	86.0
119	33.6	47.4	71.0#



Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.669 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. -0.01 min
 Lab File: VL036531.D
 Acq: 27 Mar 2021 2:27

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-4-STORAGE-RMDL

Tot Ion: 95 Resp: 2041827
 Ion Ratio Lower Upper
 95 100
 174 63.6 51.0 76.6
 175 4.7 3.9 5.9

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