

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032621\
 Data File : VL036515.D
 Acq On : 26 Mar 2021 15:41
 Operator : SY/AP
 Sample : M1760-04DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-6-CR-104DL

Manual Integrations
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Quant Time: Mar 28 21:03:18 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	5.69	49	1514979	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.20	114	3476698	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.12	117	3071893	10.00	ppbv	0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2430812	9.93	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.63	45	313567m	29.181	ppbv	
15) Acetone	3.87	43	186683m	1.252	ppbv	
19) Isopropyl Alcohol	4.00	45	120917m	1.474	ppbv	
20) Methylene Chloride	4.37	84	88139	1.262	ppbv	92
25) Ethyl Acetate	5.71	43	91861	0.259	ppbv #	95
38) Trichloroethene	7.86	130	21814m	0.175	ppbv	

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

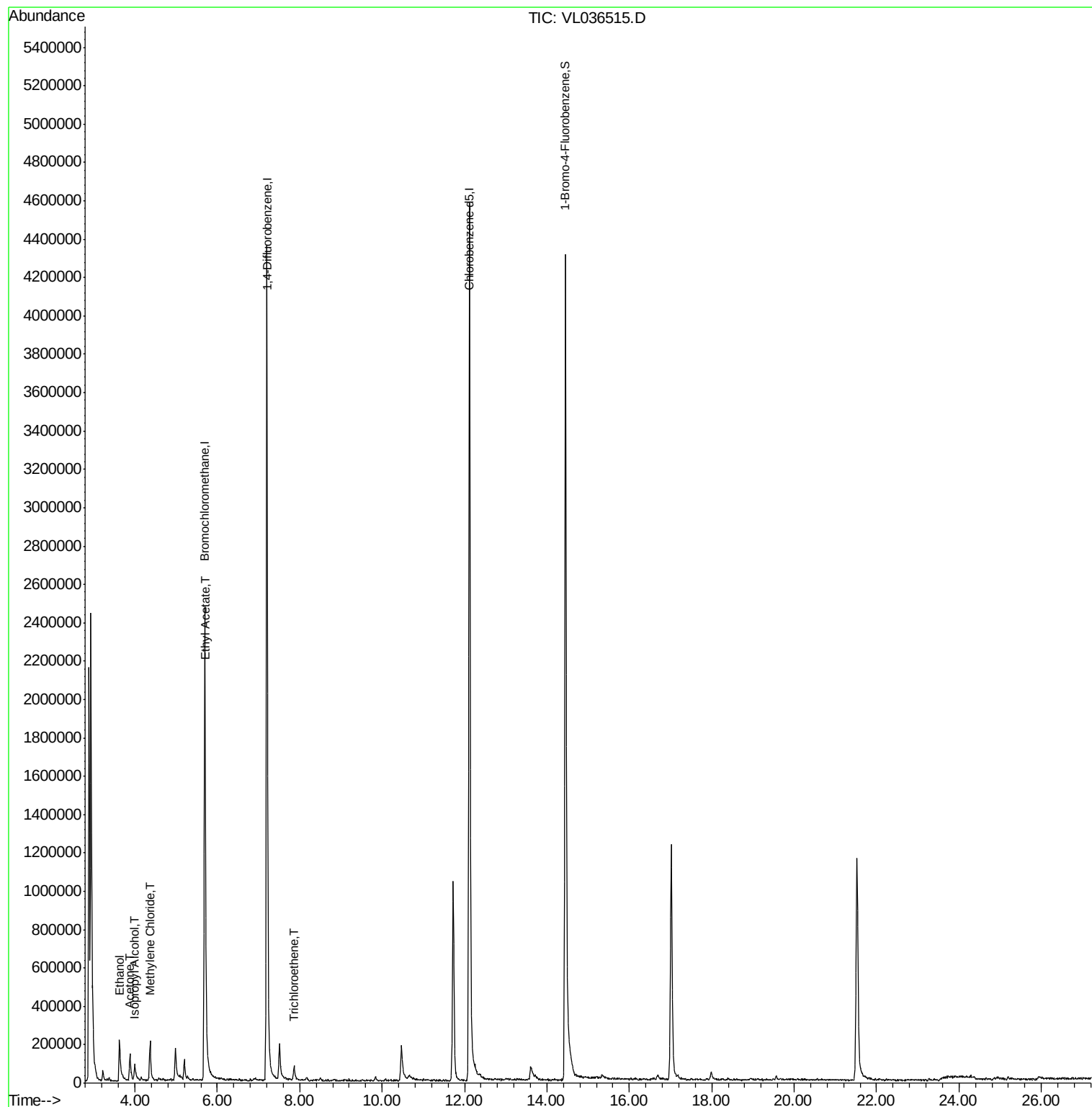
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Data File : VL036515.D
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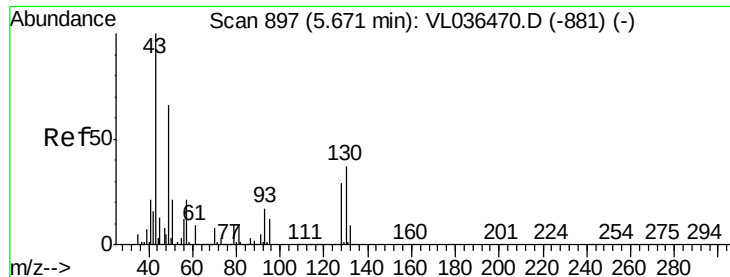
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
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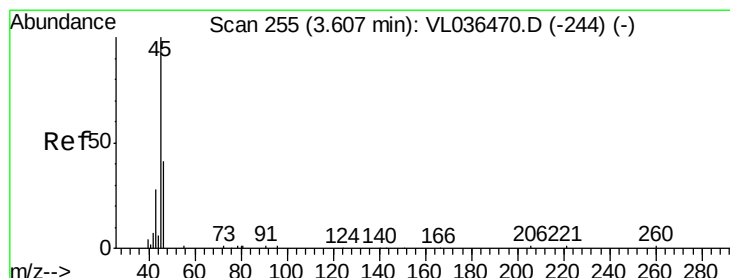
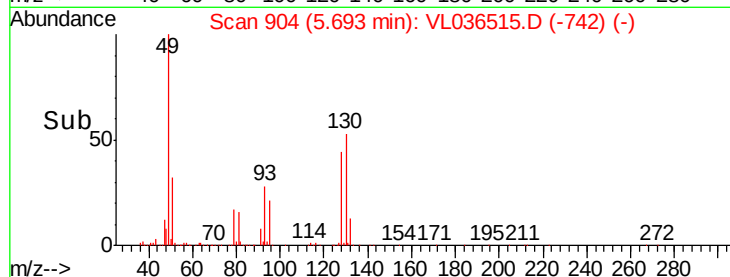
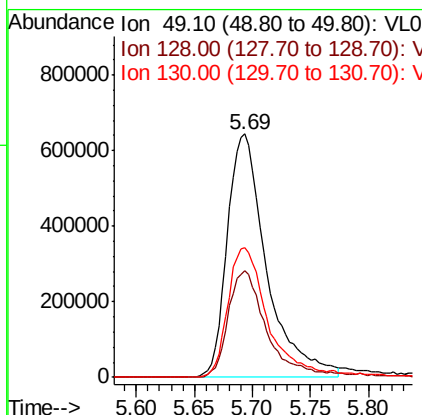
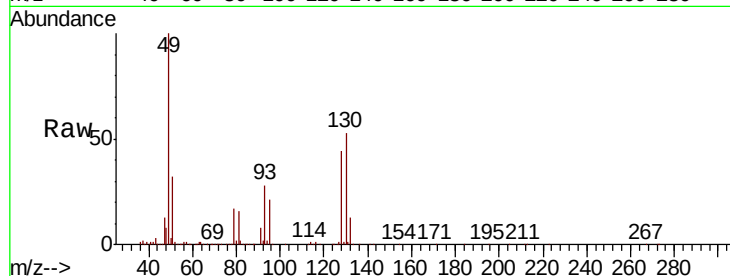
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.02 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Instrument :
MSVOA_L
ClientSampleId :
SS-6-CR-104DL

Tot Ion: 49 Resp: 1514979
Ion Ratio Lower Upper
49 100
128 44.2 23.5 70.6
130 55.9 29.1 87.4

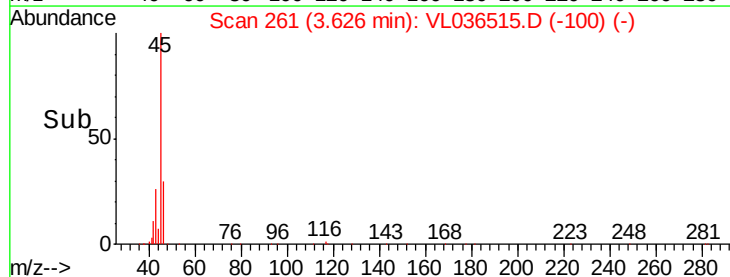
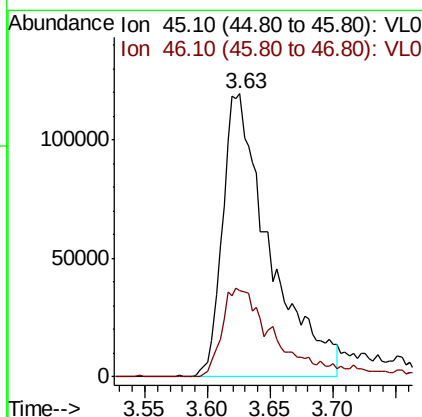
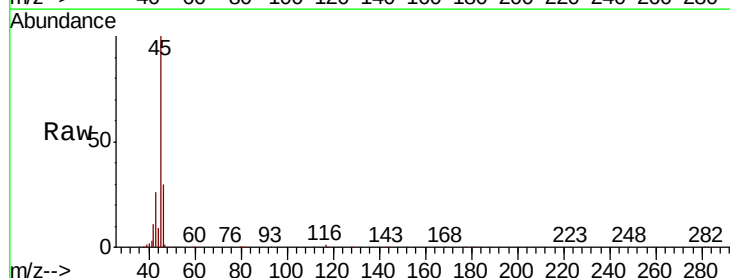
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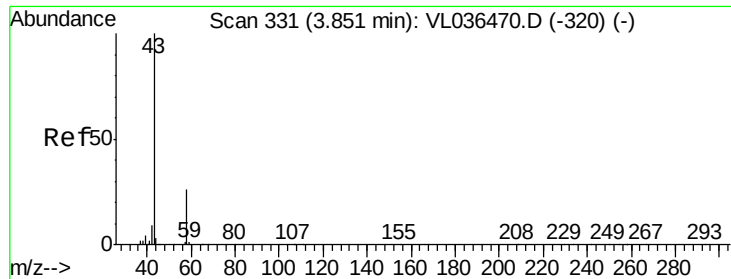
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#13
Ethanol
Concen: 29.181 ppbv m
RT: 3.63 min Scan# 261
Delta R.T. 0.02 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Tgt Ion: 45 Resp: 313567
Ion Ratio Lower Upper
45 100
46 37.2 16.6 66.2





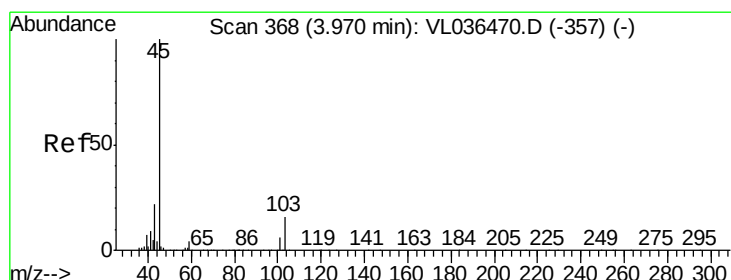
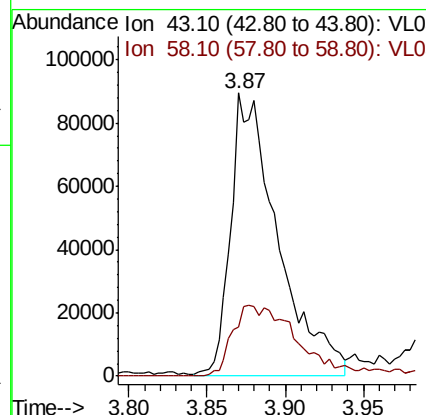
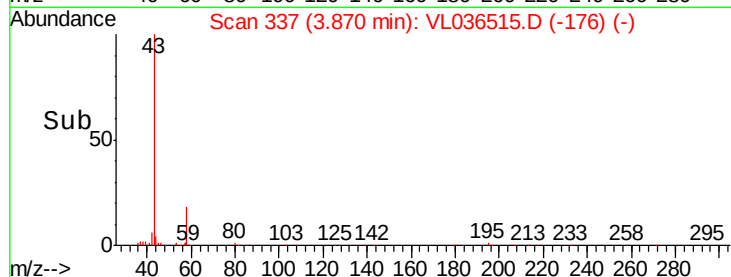
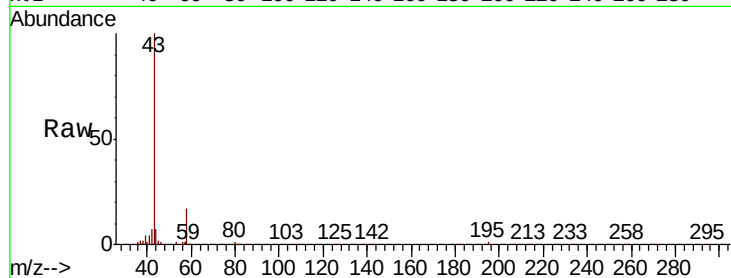
#15
Acetone
Concen: 1.252 ppbv m
RT: 3.87 min Scan# 337
Delta R.T. 0.02 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Instrument :
MSVOA_L
ClientSampleId :
SS-6-CR-104DL

Tot Ion	43	Resp	186683
Ion Ratio	Lower	Upper	
43	100		
58	0.0	21.2	31.8#

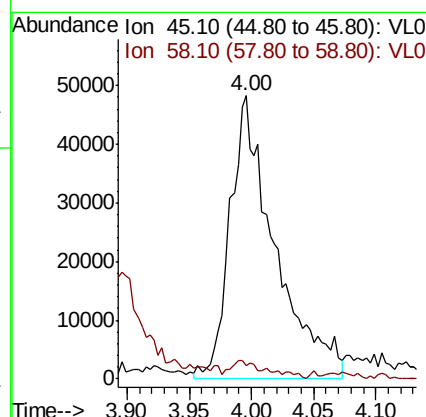
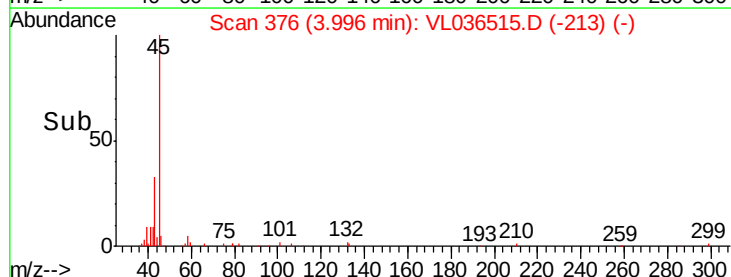
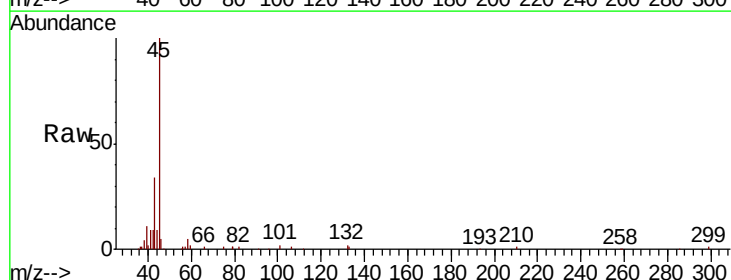
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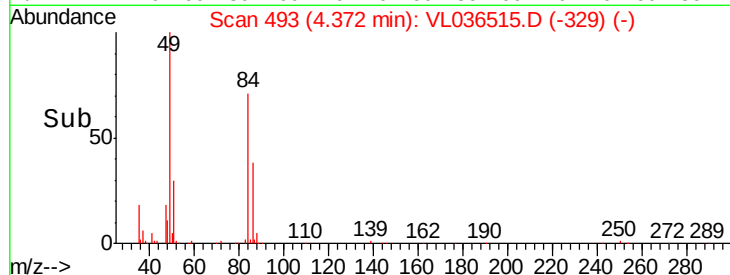
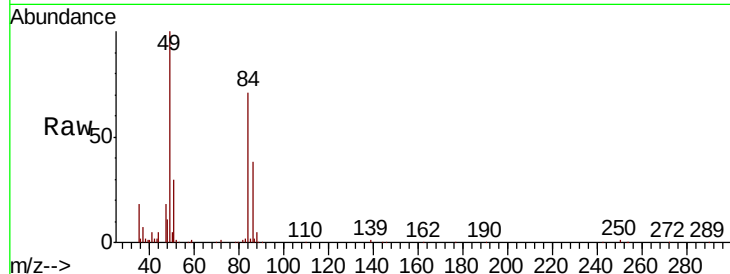
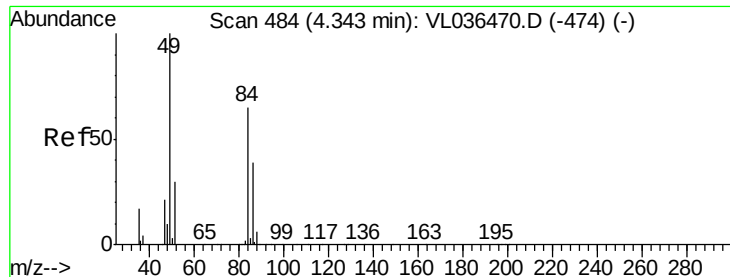
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#19
Isopropyl Alcohol
Concen: 1.474 ppbv m
RT: 4.00 min Scan# 376
Delta R.T. 0.03 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

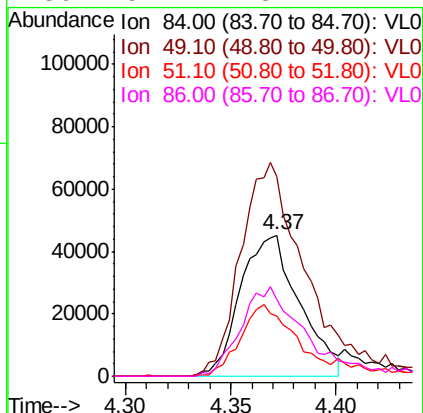
Tgt Ion	45	Resp	120917
Ion Ratio	Lower	Upper	
45	100		
58	5.2	2.9	4.3#





#20
Methylene Chloride
Concen: 1.262 ppbv
RT: 4.37 min Scan# 493
Delta R.T. 0.03 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

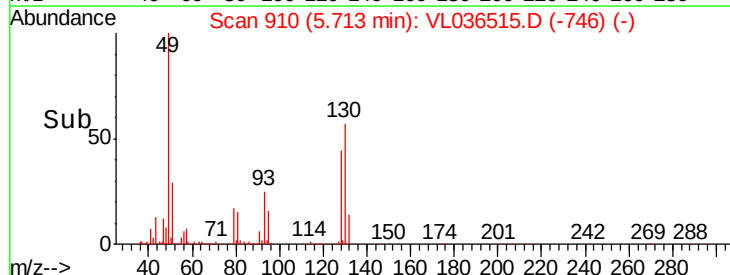
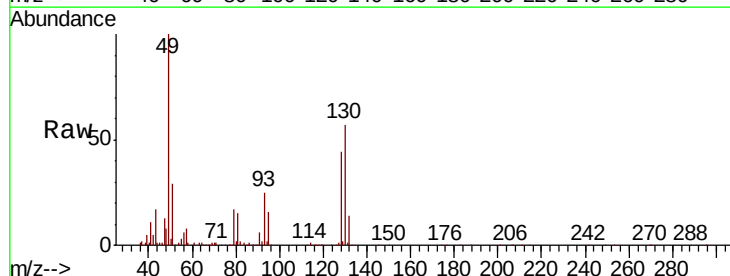
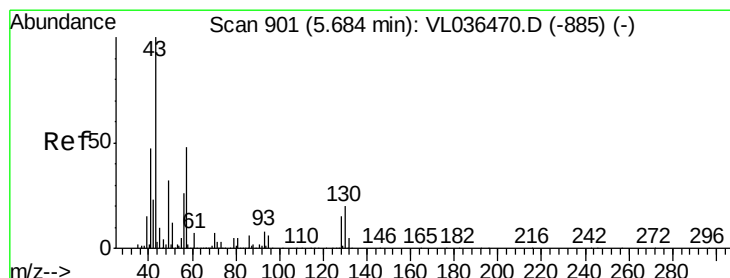
Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	141.7	122.9	184.3	
51	42.6	36.9	55.3	
86	54.2	48.2	72.4	



Instrument :
MSVOA_L
ClientSampleId :
SS-6-CR-104DL

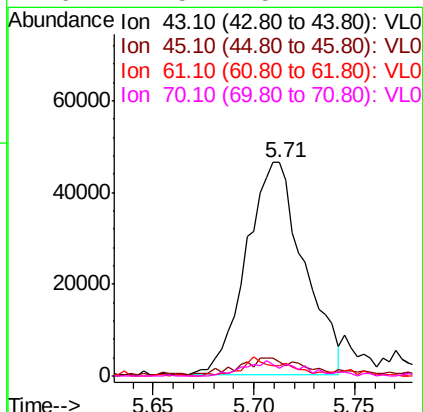
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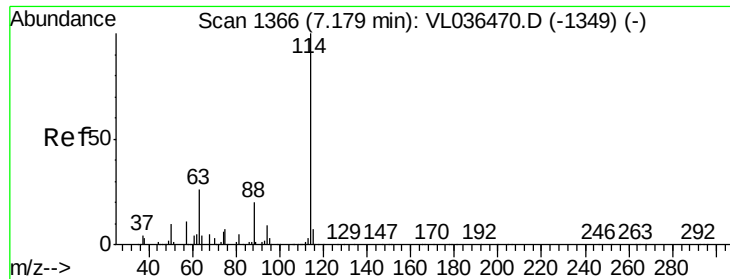
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#25
Ethyl Acetate
Concen: 0.259 ppbv
RT: 5.71 min Scan# 910
Delta R.T. 0.03 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
45	13.1	7.9	11.9#	
61	8.3	7.4	11.2	
70	7.5	5.1	7.7	





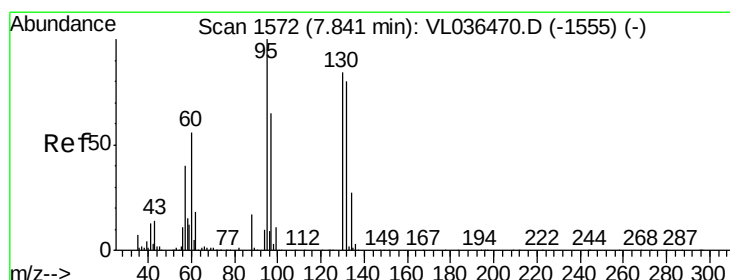
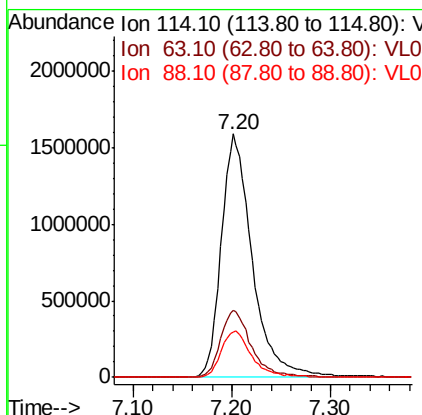
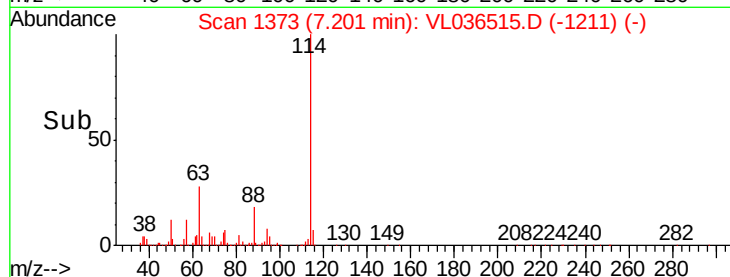
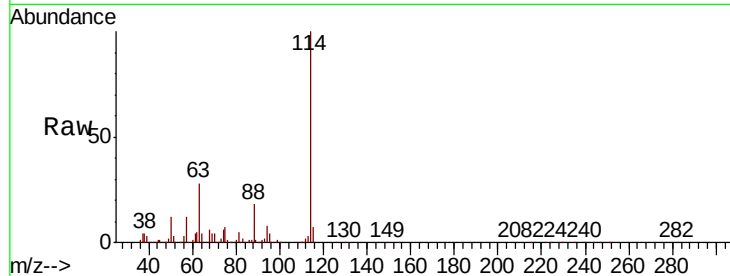
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1373
 Delta R.T. 0.02 min
 Lab File: VL036515.D
 Acq: 26 Mar 2021 15:41

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-6-CR-104DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.1	22.4	33.6
88	19.1	15.4	23.0

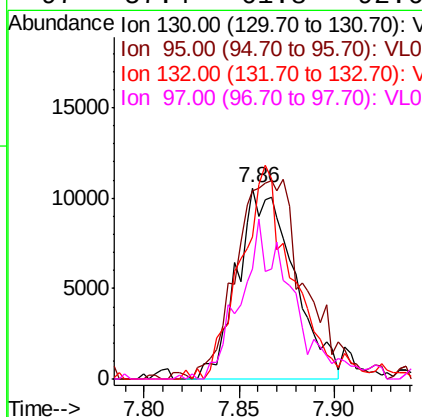
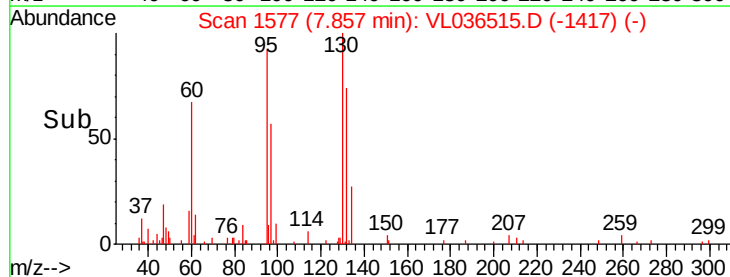
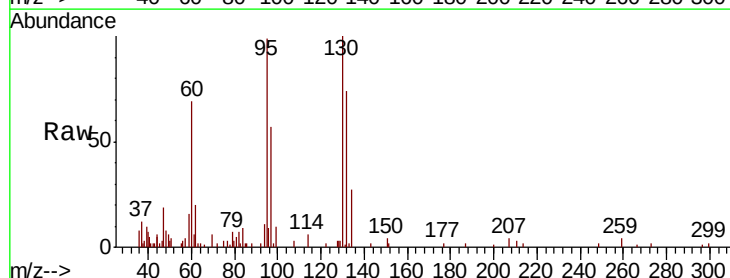
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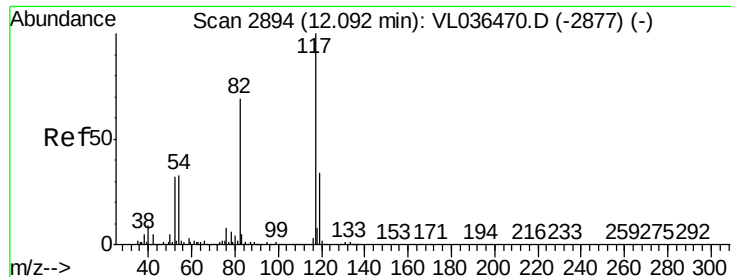
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#38
 Trichloroethene
 Concen: 0.175 ppbv m
 RT: 7.86 min Scan# 1577
 Delta R.T. 0.02 min
 Lab File: VL036515.D
 Acq: 26 Mar 2021 15:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.7	95.7	143.5
132	74.3	76.2	114.4#
97	57.4	61.8	92.6#





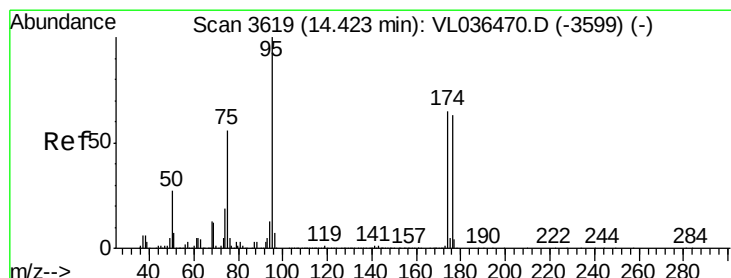
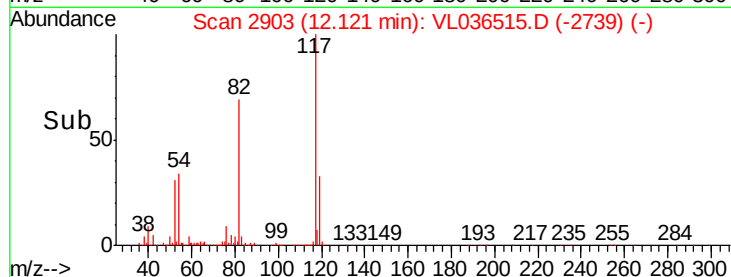
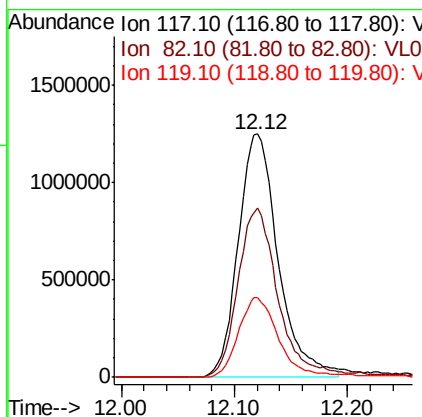
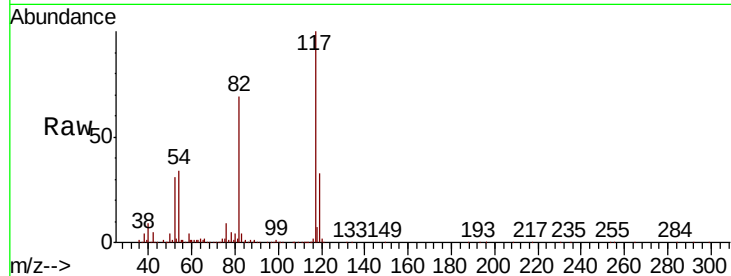
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.03 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Instrument :
MSVOA_L
ClientSampleId :
SS-6-CR-104DL

Tot Ion:117 Resp: 3071893
Ion Ratio Lower Upper
117 100
82 72.2 57.4 86.0
119 34.4 47.4 71.0#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.928 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.03 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Tgt Ion: 95 Resp: 2430812
Ion Ratio Lower Upper
95 100
174 64.1 51.0 76.6
175 4.7 3.9 5.9

