

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051821\
 Data File : VL036973.D
 Acq On : 18 May 2021 17:43
 Operator : SY/AP
 Sample : M2430-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
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Quant Time: May 19 04:06:07 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1258241	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3893052	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3619512	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2742468	10.09	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.97	51	82913m	0.360	ppbv	
9) Propene	3.01	41	28474	0.345	ppbv	91
13) Ethanol	3.59	45	3795629	344.644	ppbv	93
15) Acetone	3.84	43	202077	1.568	ppbv #	82
19) Isopropyl Alcohol	3.96	45	825974	11.923	ppbv #	35
20) Methylene Chloride	4.33	84	114870	1.663	ppbv	94
26) Hexane	5.67	57	104149	0.658	ppbv #	65
38) Trichloroethene	7.81	130	12198m	0.085	ppbv	
52) Tetrachloroethene	11.20	164	24298m	0.182	ppbv	

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

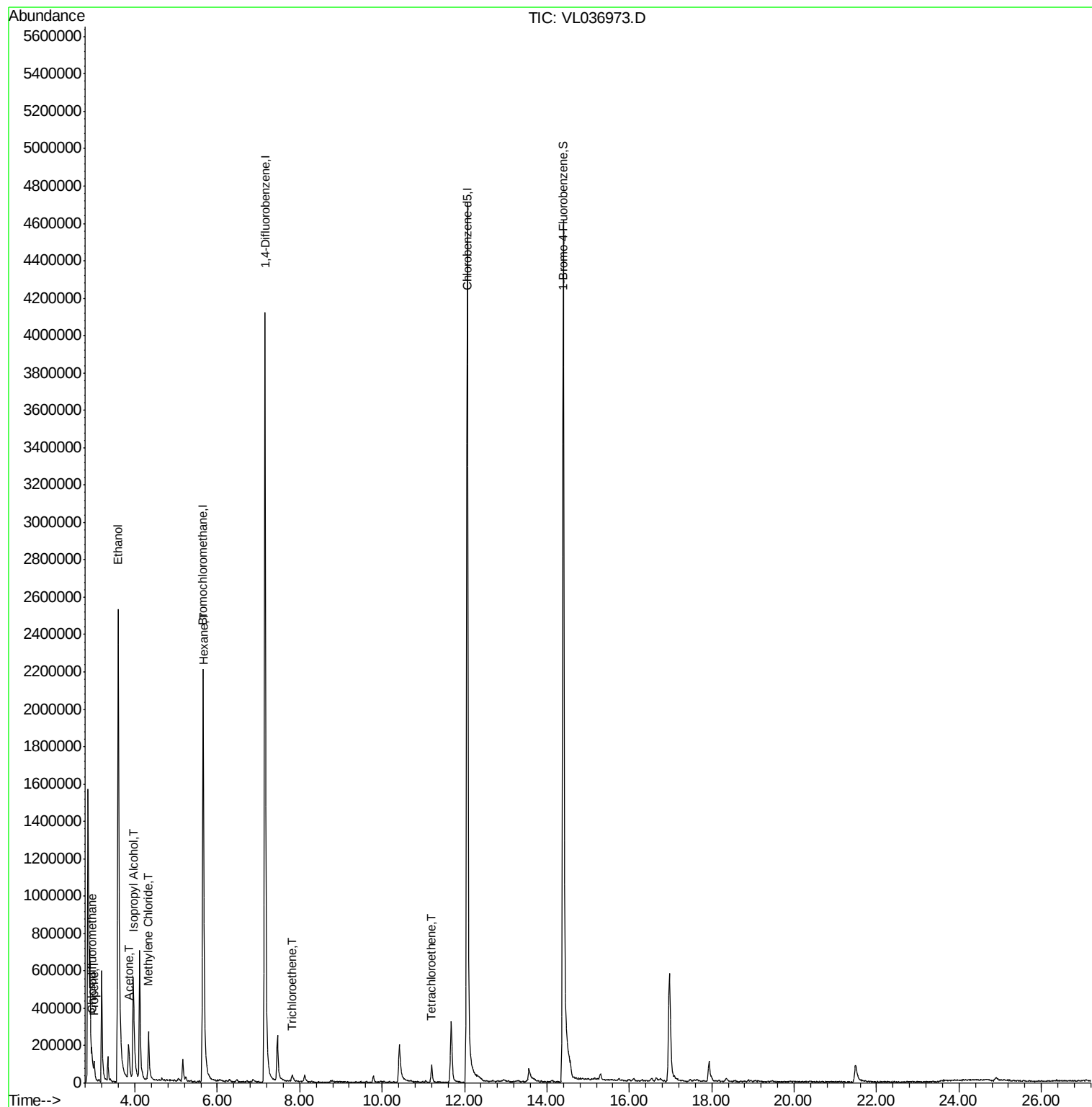
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Data File : VL036973.D
Acq On : 18 May 2021 17:43
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Sample : M2430-01DL 10X
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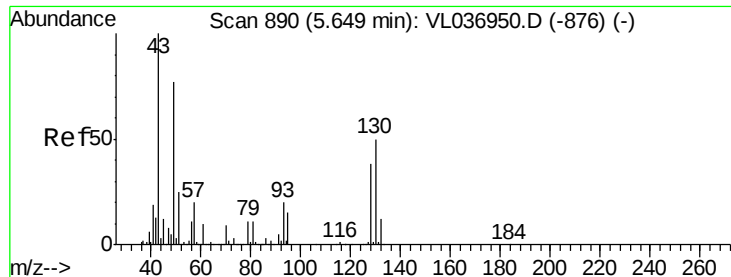
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: May 19 04:06:07 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.00 min

Lab File: VL036973.D

Acq: 18 May 2021 17:43

Instrument :

MSVOA_L

ClientSampleId :

IA1DL

Tot Ion: 49 Resp: 1258241

Ion Ratio Lower Upper

49 100

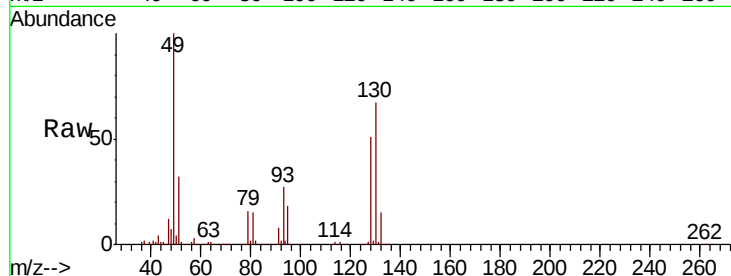
128 54.3 26.9 80.7

130 69.9 33.8 101.4

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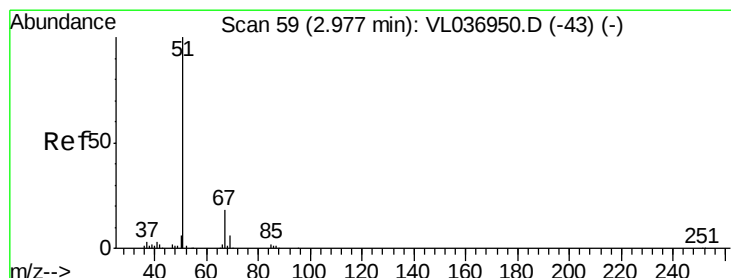
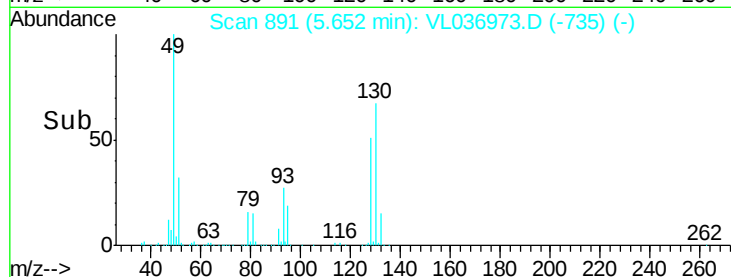
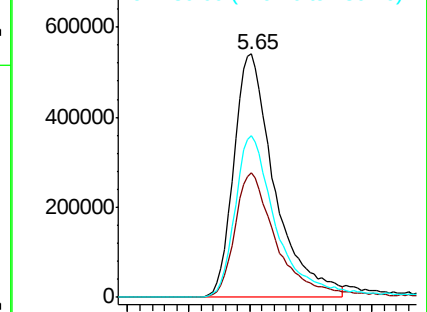
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#3

Chlorodifluoromethane

Concen: 0.360 ppbv m

RT: 2.97 min Scan# 57

Delta R.T. -0.01 min

Lab File: VL036973.D

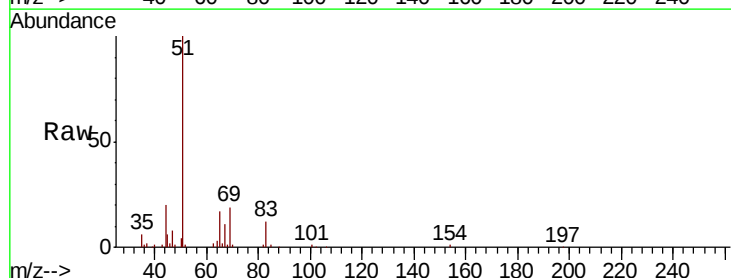
Acq: 18 May 2021 17:43

Tgt Ion: 51 Resp: 82913

Ion Ratio Lower Upper

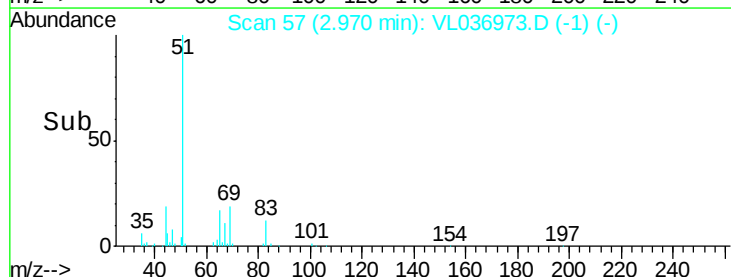
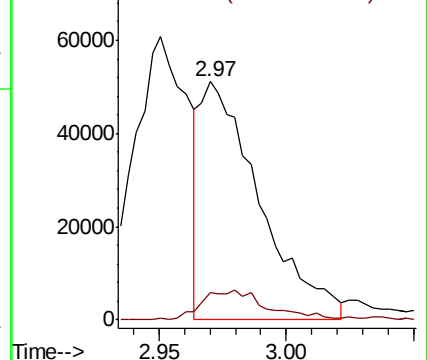
51 100

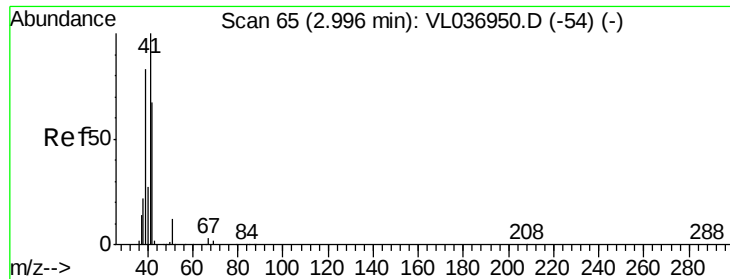
67 14.7 14.6 21.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





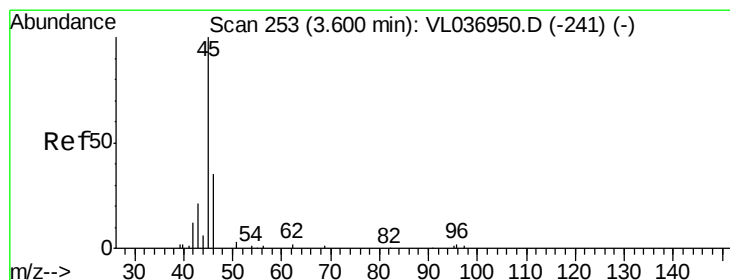
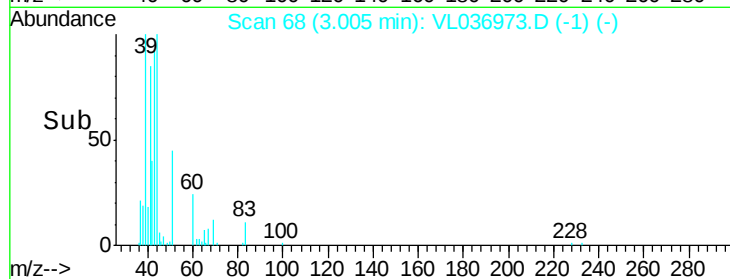
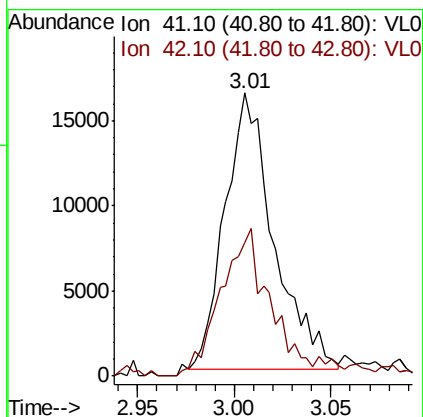
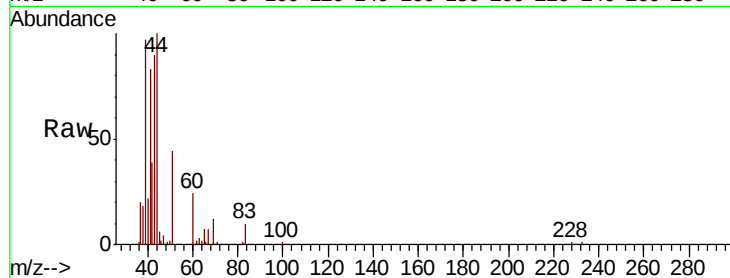
#9
 Propene
 Concen: 0.345 ppbv
 RT: 3.01 min Scan# 68
 Delta R.T. 0.01 min
 Lab File: VL036973.D
 Acq: 18 May 2021 17:43

Instrument :
 MSVOA_L
 ClientSampled :
 IA1DL

Tot Ion: 41 Resp: 28474
 Ion Ratio Lower Upper
 41 100
 42 59.9 53.9 80.9

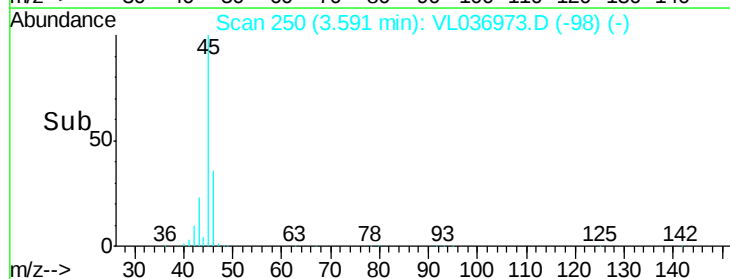
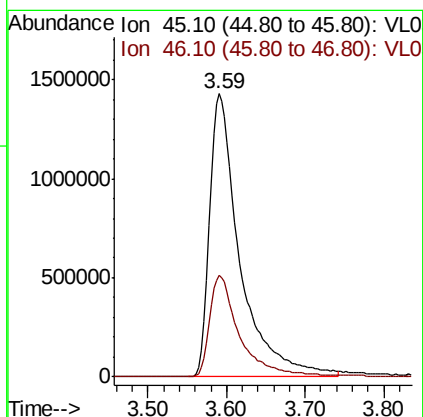
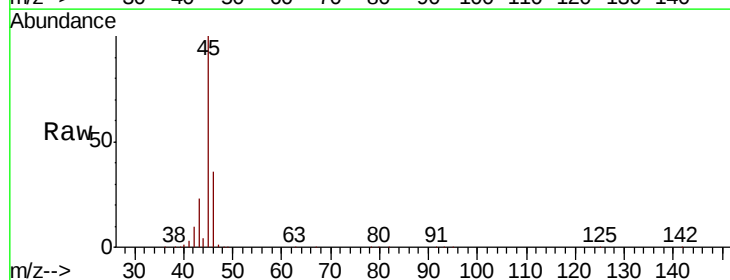
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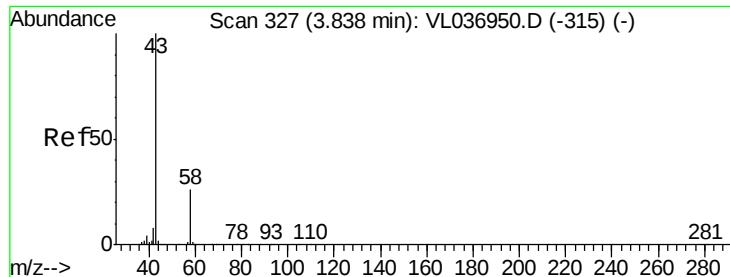
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#13
 Ethanol
 Concen: 344.644 ppbv
 RT: 3.59 min Scan# 250
 Delta R.T. -0.01 min
 Lab File: VL036973.D
 Acq: 18 May 2021 17:43

Tgt Ion: 45 Resp: 3795629
 Ion Ratio Lower Upper
 45 100
 46 36.5 16.3 65.3





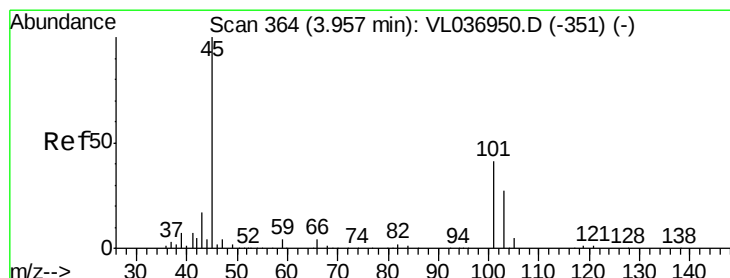
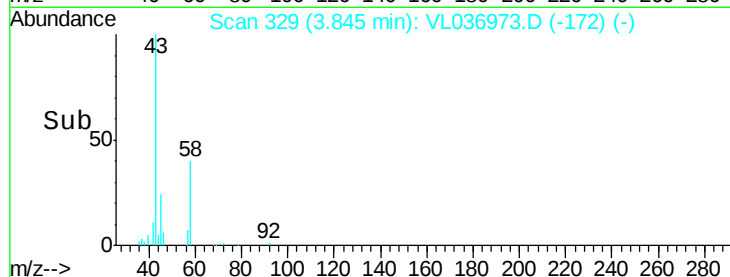
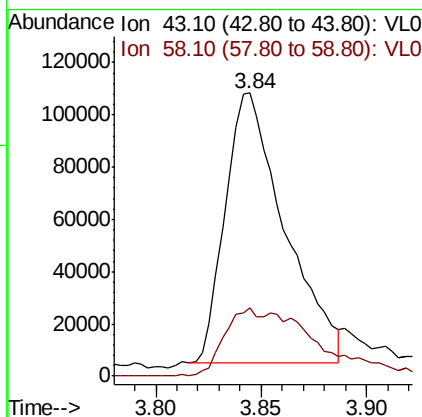
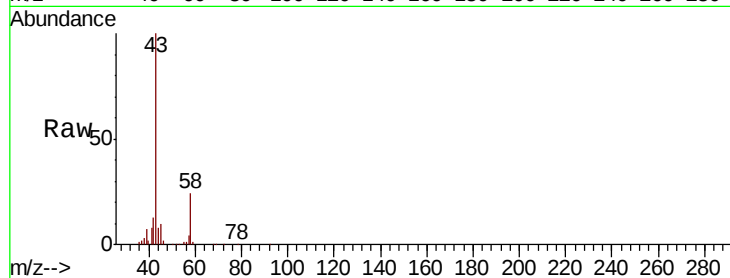
#15
Acetone
Concen: 1.568 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.01 min
Lab File: VL036973.D
Acq: 18 May 2021 17:43

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.6	24.0	36.0#

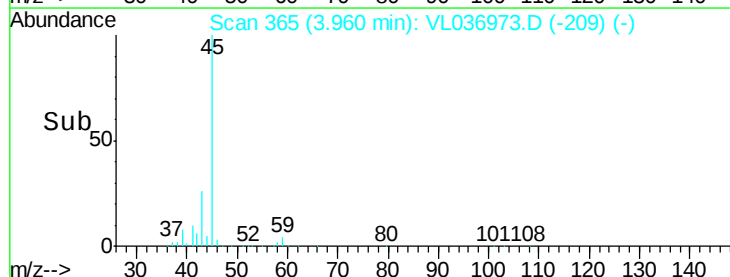
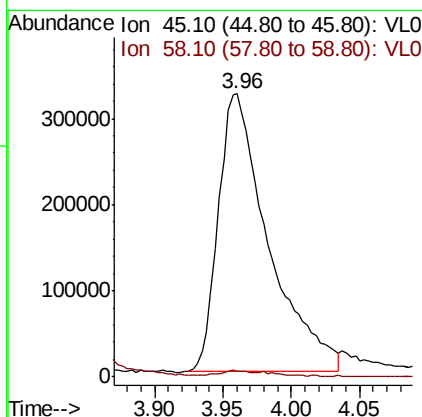
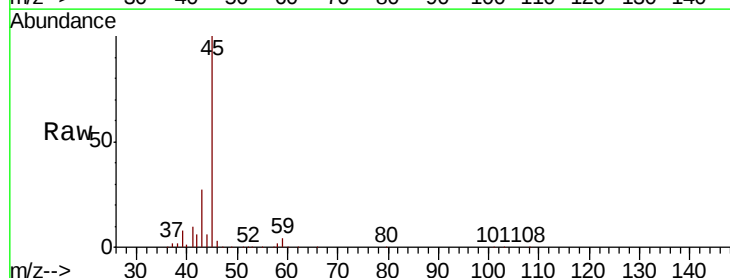
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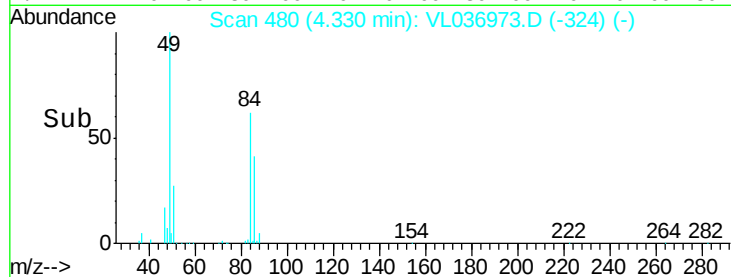
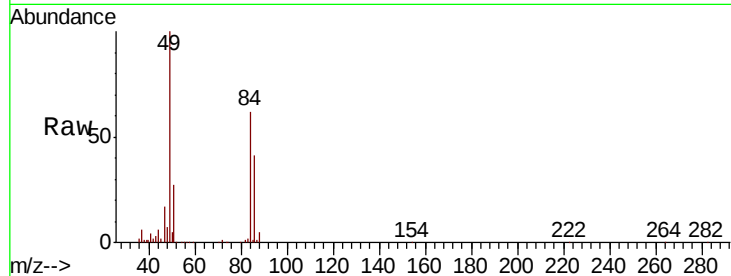
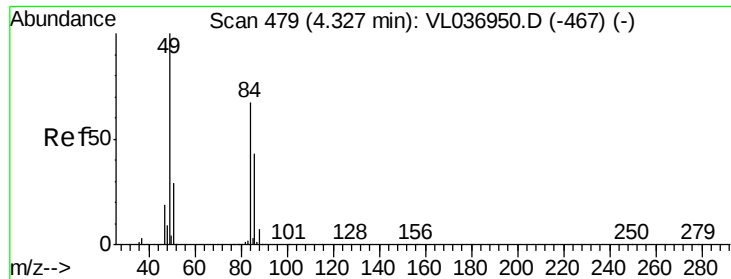
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#19
Isopropyl Alcohol
Concen: 11.923 ppbv
RT: 3.96 min Scan# 365
Delta R.T. 0.00 min
Lab File: VL036973.D
Acq: 18 May 2021 17:43

Tgt Ion	Ratio	Lower	Upper
45	100		
58	3.0	37.2	55.8#





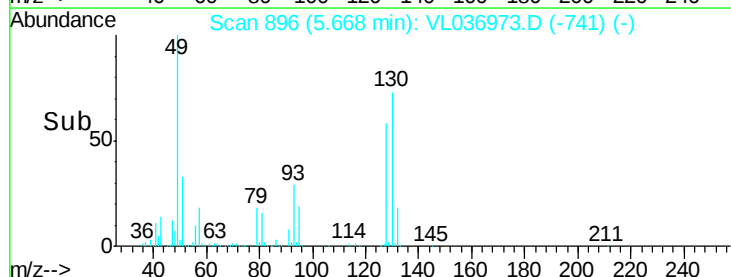
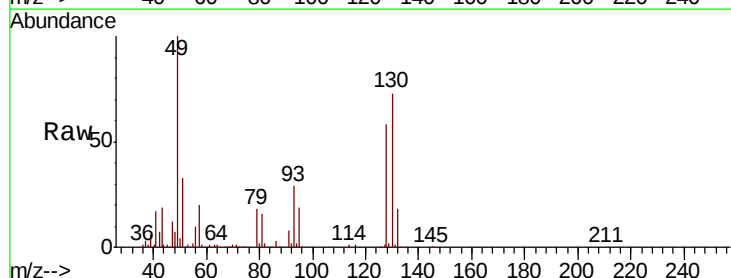
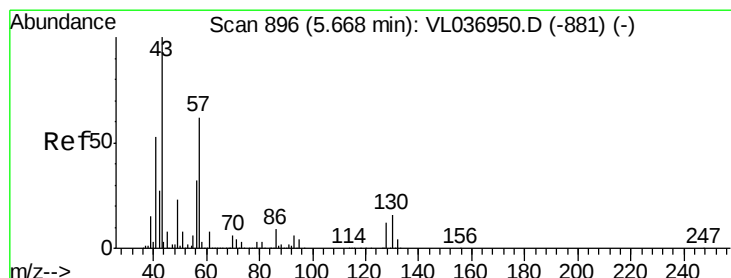
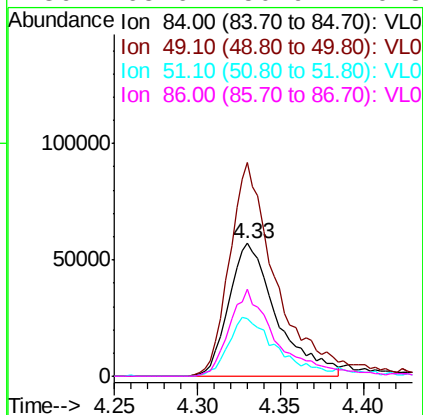
#20
Methvlene Chloride
Concen: 1.663 ppbv
RT: 4.33 min Scan# 480
Delta R.T. 0.00 min
Lab File: VL036973.D
Acq: 18 May 2021 17:43

Tot Ion:	84	Resp:	114870
Ion	Ratio	Lower	Upper
84	100		
49	160.6	119.8	179.6
51	43.3	35.1	52.7
86	65.6	50.9	76.3

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

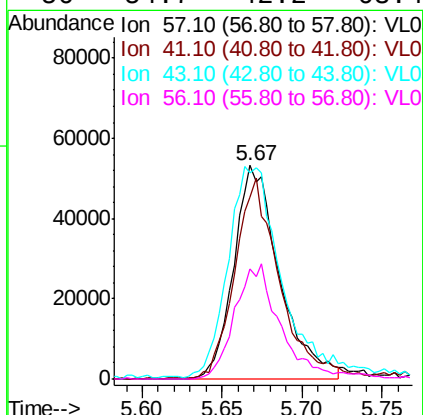
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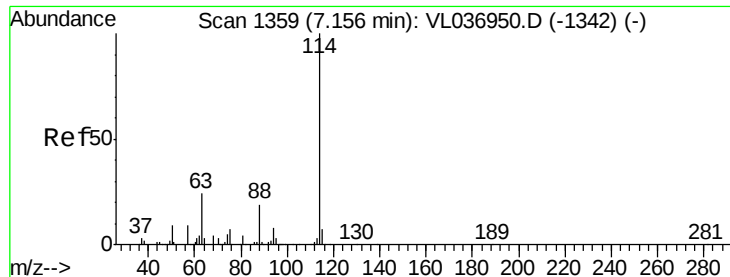
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#26
Hexane
Concen: 0.658 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.00 min
Lab File: VL036973.D
Acq: 18 May 2021 17:43

Tgt Ion:	57	Resp:	104149
Ion	Ratio	Lower	Upper
57	100		
41	93.0	70.5	105.7
43	120.7	165.8	248.8#
56	54.7	42.2	63.4





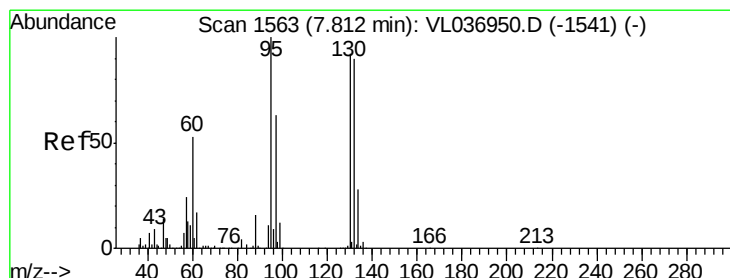
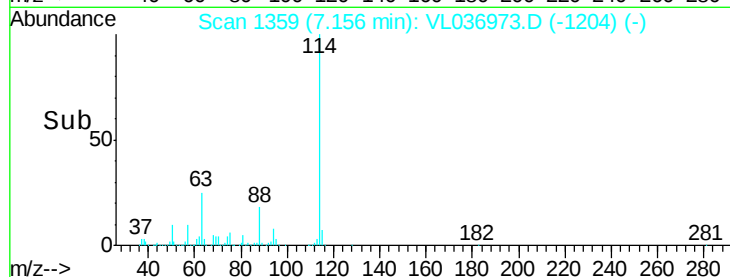
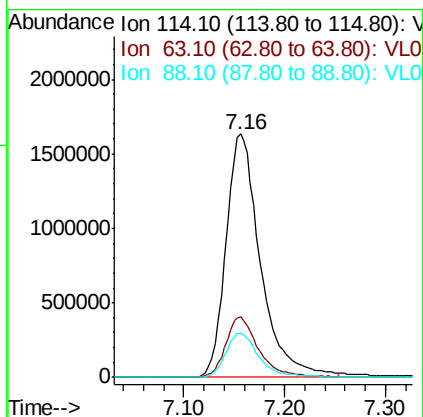
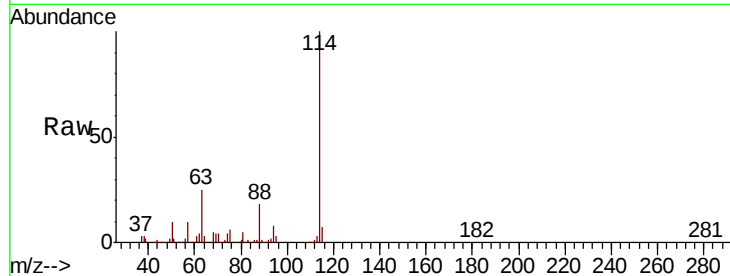
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VL036973.D
 Acq: 18 May 2021 17:43

Instrument :
 MSVOA_L
 ClientSampled :
 IA1DL

Tot Ion:114 Resp: 3893052
 Ion Ratio Lower Upper
 114 100
 63 24.1 19.6 29.4
 88 18.0 14.6 21.8

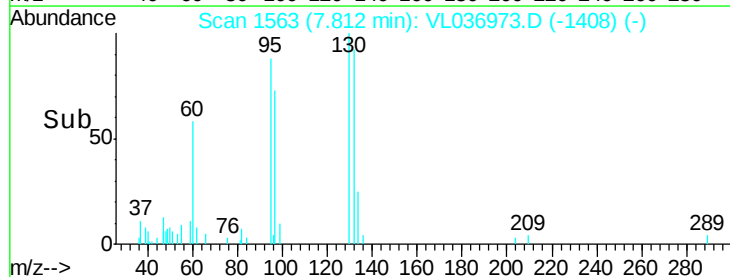
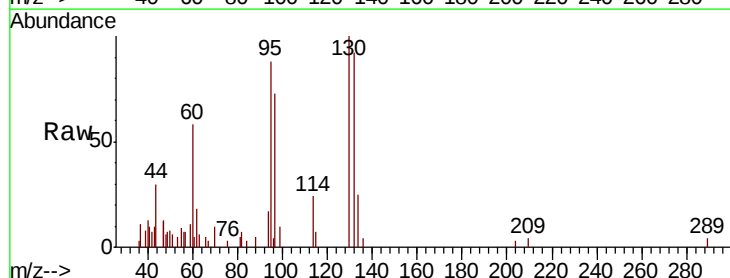
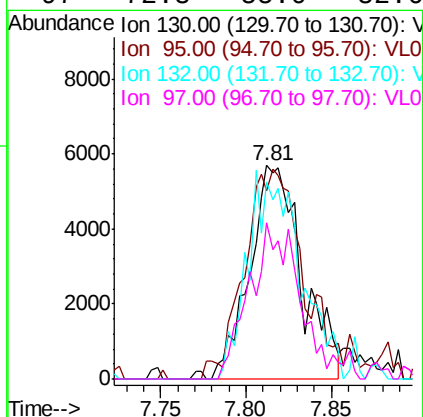
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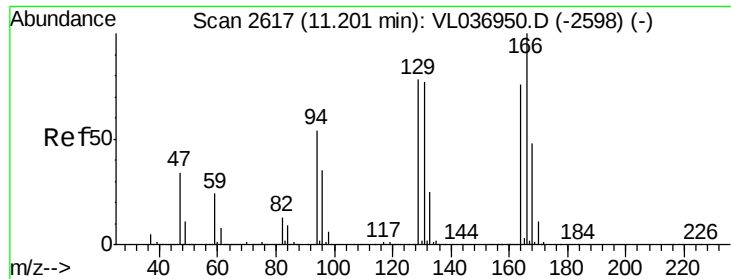
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#38
 Trichloroethene
 Concen: 0.085 ppbv m
 RT: 7.81 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VL036973.D
 Acq: 18 May 2021 17:43

Tgt Ion:130 Resp: 12198
 Ion Ratio Lower Upper
 130 100
 95 88.2 86.9 130.3
 132 92.3 78.4 117.6
 97 72.8 55.0 82.6





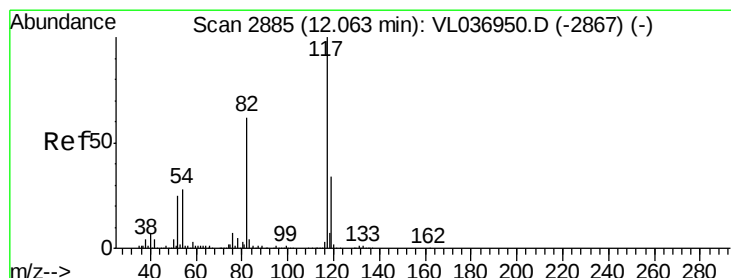
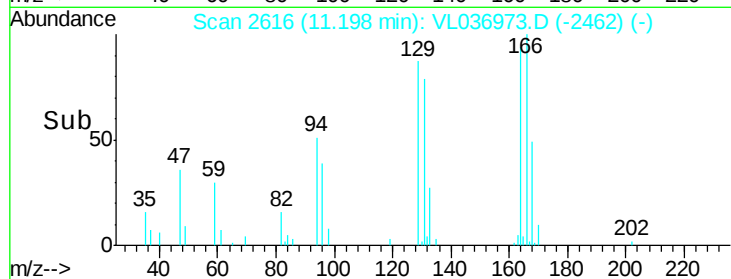
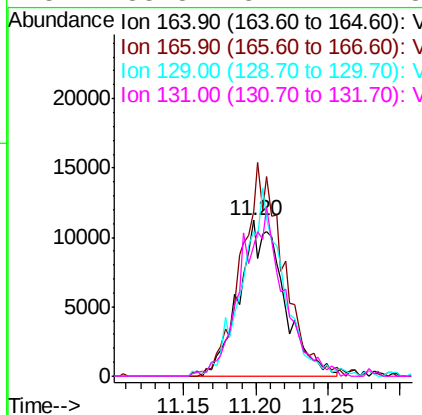
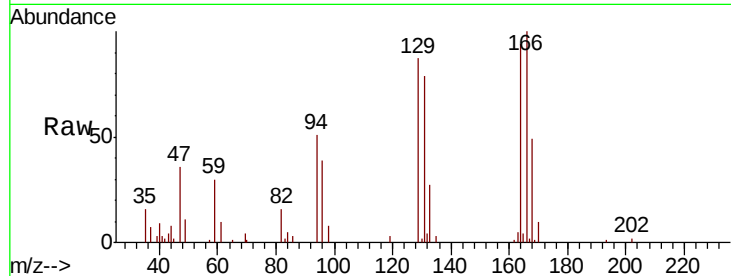
#52
Tetrachloroethene
Concen: 0.182 ppbv m
RT: 11.20 min Scan# 2616
Delta R.T. -0.00 min
Lab File: VL036973.D
Acq: 18 May 2021 17:43

Instrument :
MSVOA_L
ClientSampled :
IA1DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	106.2	105.5	158.3
129	92.6	81.8	122.8
131	83.8	81.2	121.8

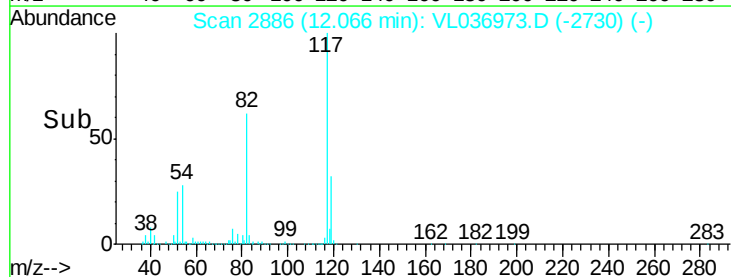
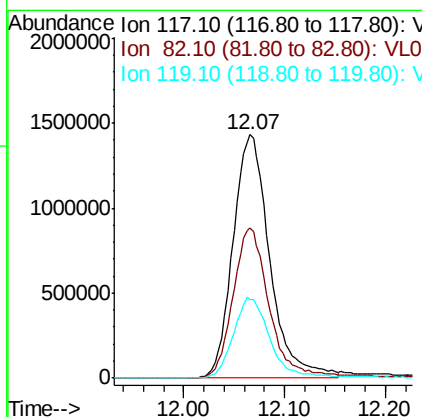
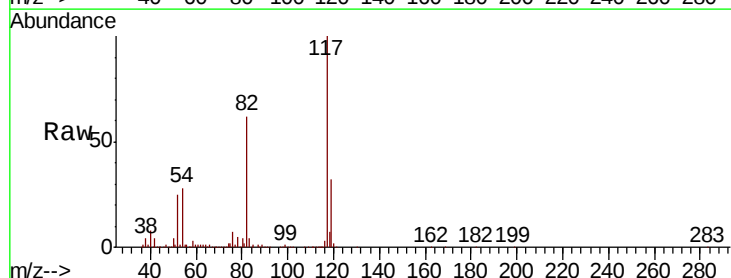
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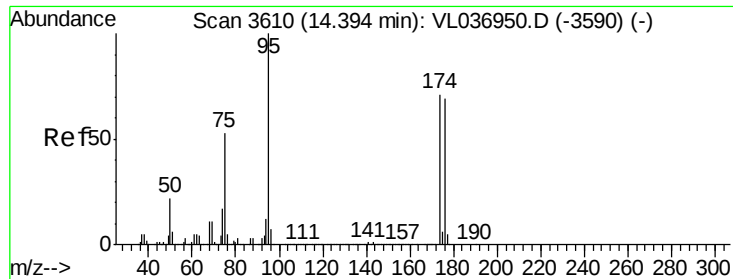
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. 0.00 min
Lab File: VL036973.D
Acq: 18 May 2021 17:43

Tgt Ion	Ratio	Lower	Upper
117	100		
82	63.4	52.6	79.0
119	33.8	46.6	70.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.086 ppbv
 RT: 14.40 min Scan# 3611
 Delta R.T. 0.00 min
 Lab File: VL036973.D
 Acq: 18 May 2021 17:43

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Tot Ion: 95 Resp: 2742468
 Ion Ratio Lower Upper
 95 100
 174 74.1 58.4 87.6
 175 5.5 4.4 6.6

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