

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060221\
 Data File : VL037121.D
 Acq On : 3 Jun 2021 4:12
 Operator : SY/AP
 Sample : M2548-17DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SGS-18ADL

Manual Integrations
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 6/7/2021 3:01:32 PM

Quant Time: Jun 06 20:44:09 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	5.66	49	1313374	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4067511	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3621837	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2605535	9.58	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.62	45	73291m	6.375	ppbv	
15) Acetone	3.86	43	206442	1.535	ppbv #	73
19) Isopropyl Alcohol	4.00	45	23747m	0.328	ppbv	
20) Methylene Chloride	4.34	84	80923	1.122	ppbv	96
26) Hexane	5.68	57	53155	0.322	ppbv #	44
29) Chloroform	5.74	83	100444	0.431	ppbv	91
38) Trichloroethene	7.83	130	259168	1.729	ppbv	98
59) m/p-Xylene	12.96	91	116616m	0.276	ppbv	

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

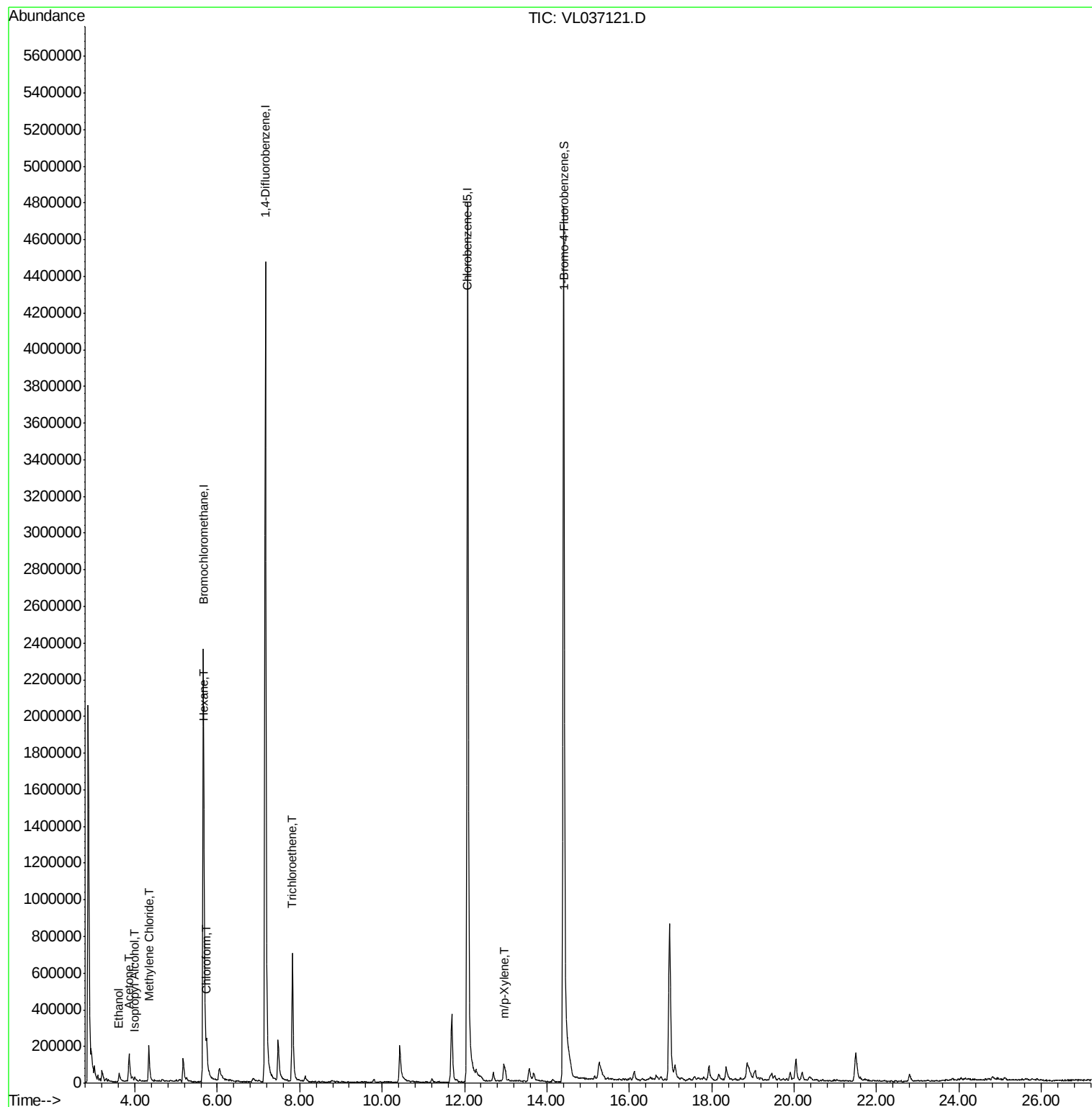
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Data File : VL037121.D
Acq On : 3 Jun 2021 4:12
Operator : SY/AP
Sample : M2548-17DL 10X
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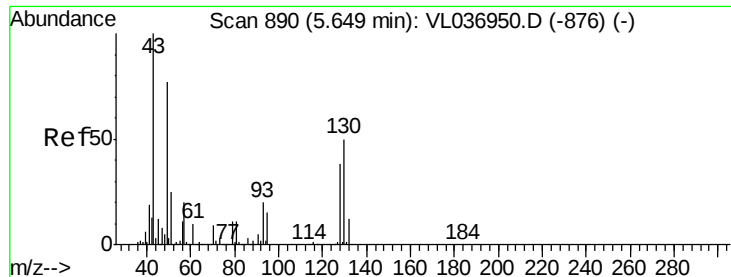
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
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QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. 0.01 min

Lab File: VL037121.D

Acq: 3 Jun 2021 4:12

Instrument :

MSVOA_L

ClientSampleId :

SGS-18ADL

Tot Ion: 49 Resp: 1313374

Ion Ratio Lower Upper

49 100

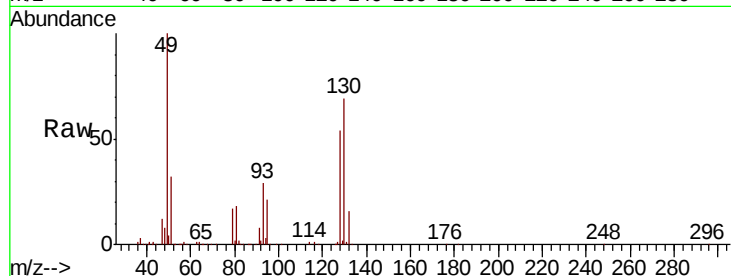
128 58.4 26.9 80.7

130 76.3 33.8 101.4

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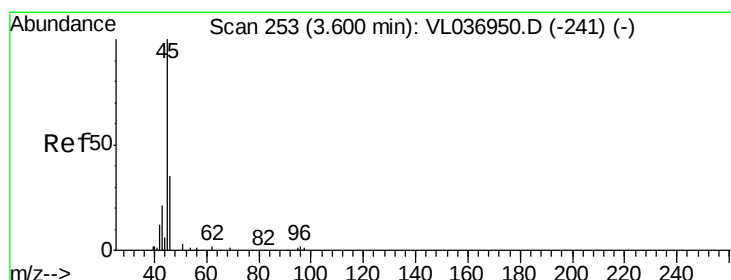
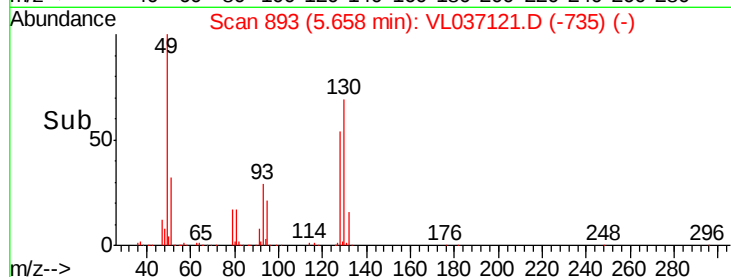
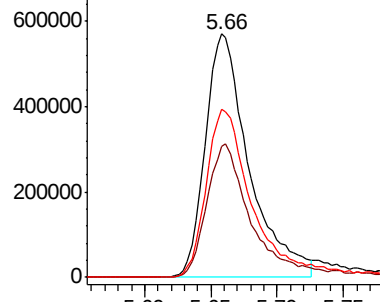
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 6.375 ppbv m

RT: 3.62 min Scan# 258

Delta R.T. 0.02 min

Lab File: VL037121.D

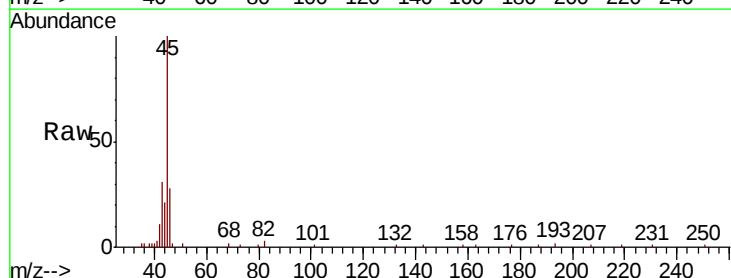
Acq: 3 Jun 2021 4:12

Tgt Ion: 45 Resp: 73291

Ion Ratio Lower Upper

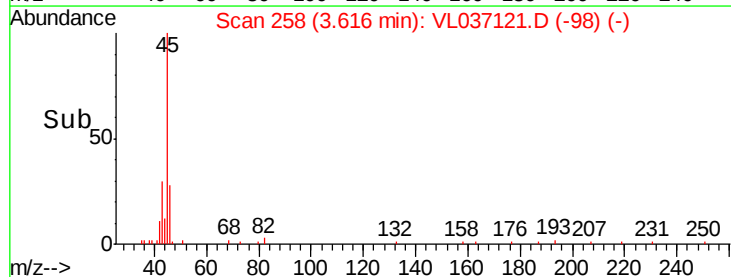
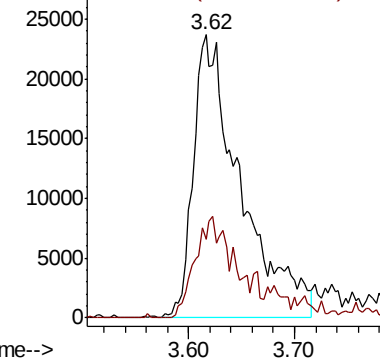
45 100

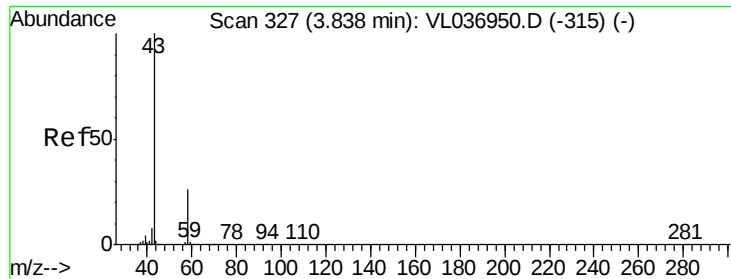
46 0.0 16.3 65.3#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





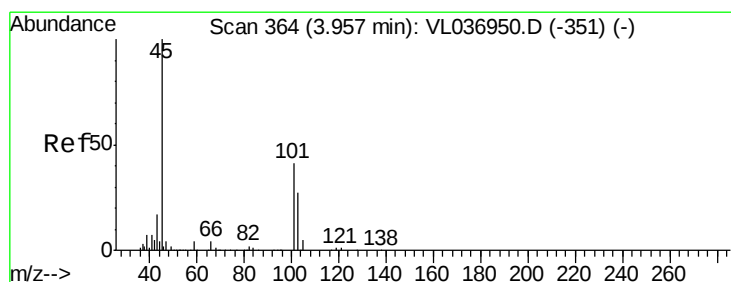
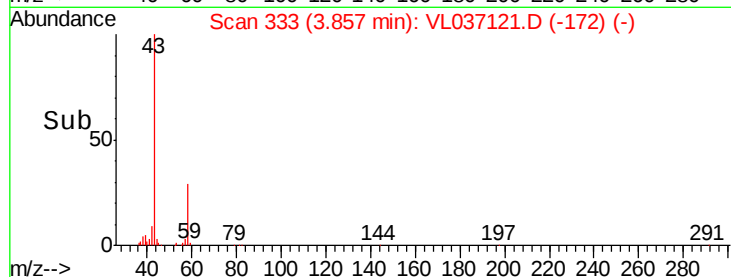
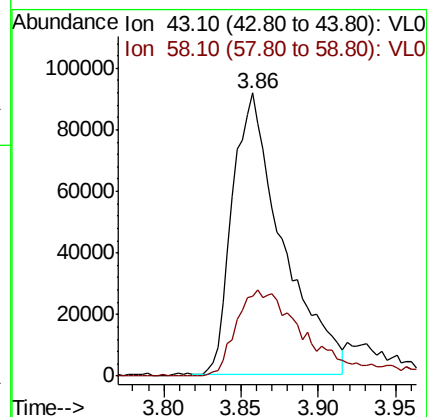
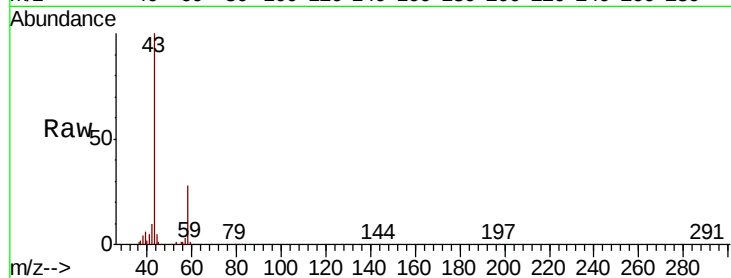
#15
Acetone
Concen: 1.535 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.02 min
Lab File: VL037121.D
Acq: 3 Jun 2021 4:12

Instrument :
MSVOA_L
ClientSampleId :
SGS-18ADL

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.8	24.0	36.0#

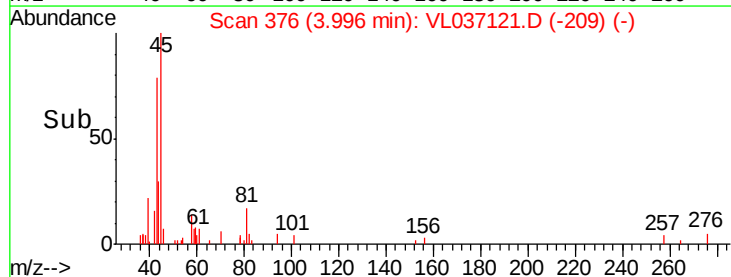
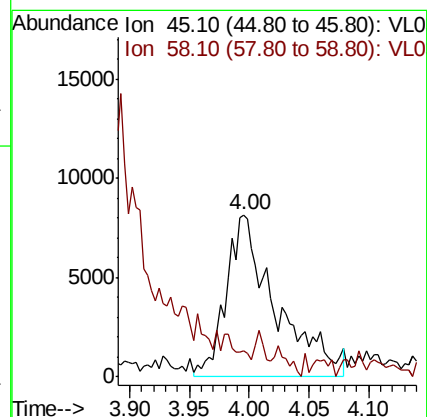
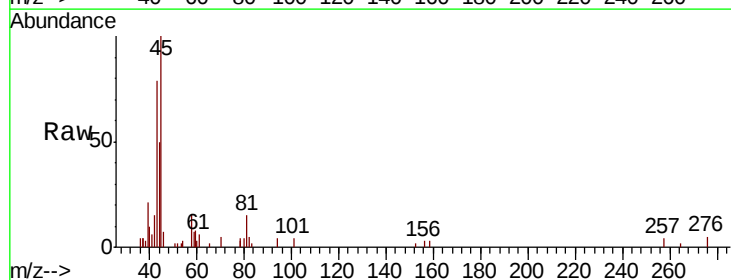
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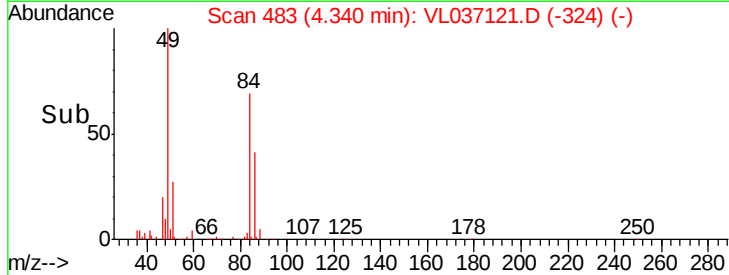
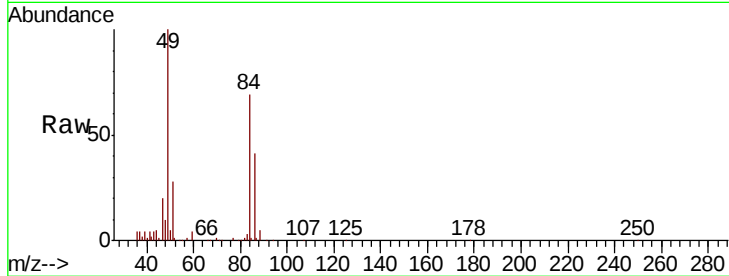
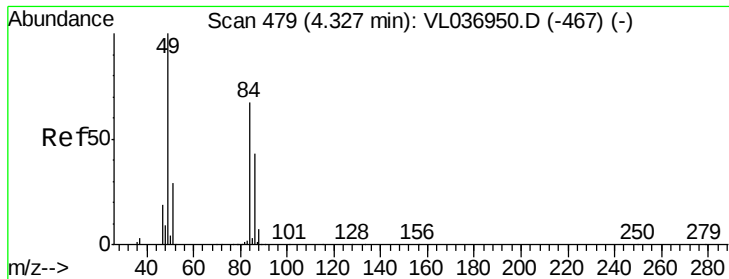
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#19
Isopropyl Alcohol
Concen: 0.328 ppbv m
RT: 4.00 min Scan# 376
Delta R.T. 0.04 min
Lab File: VL037121.D
Acq: 3 Jun 2021 4:12

Tgt Ion	Ratio	Lower	Upper
45	100		
58	15.1	37.2	55.8#





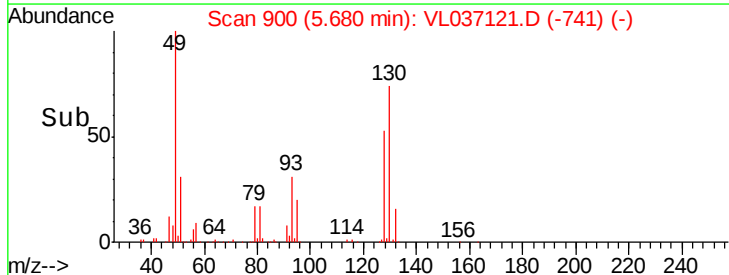
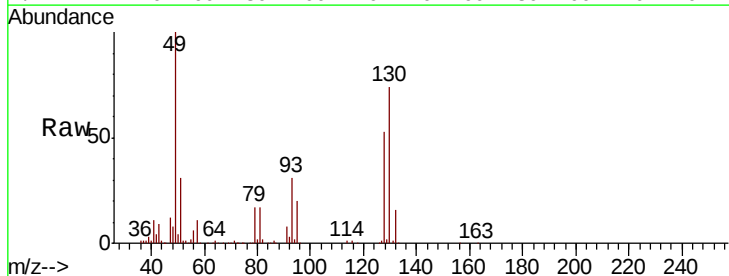
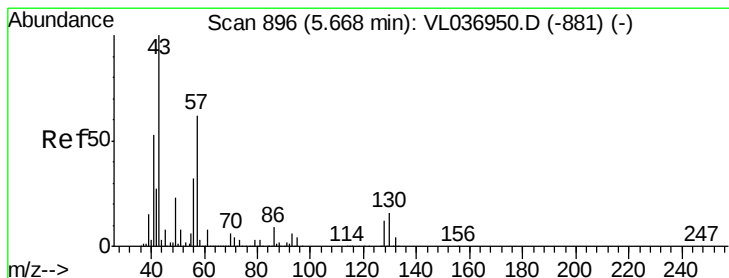
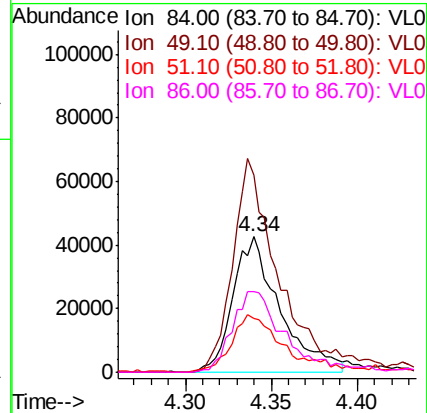
#20
Methylene Chloride
Concen: 1.122 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.01 min
Lab File: VL037121.D
Acq: 3 Jun 2021 4:12

Tot Ion	84	Resp	80923
Ion	Ratio	Lower	Upper
84	100		
49	145.8	119.8	179.6
51	38.7	35.1	52.7
86	59.9	50.9	76.3

Instrument :
MSVOA_L
ClientSampleId :
SGS-18ADL

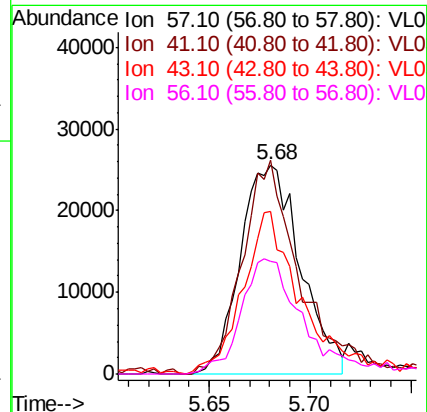
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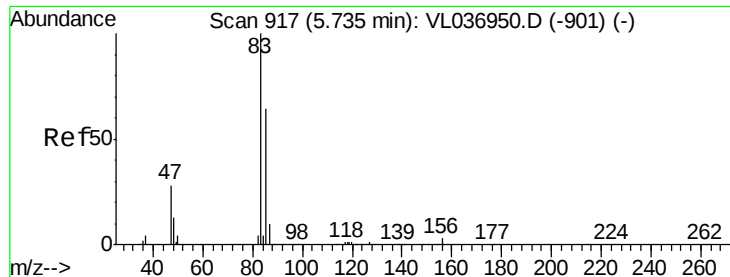
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#26
Hexane
Concen: 0.322 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.01 min
Lab File: VL037121.D
Acq: 3 Jun 2021 4:12

Tgt Ion	57	Resp	53155
Ion	Ratio	Lower	Upper
57	100		
41	103.3	70.5	105.7
43	76.2	165.8	248.8#
56	59.1	42.2	63.4





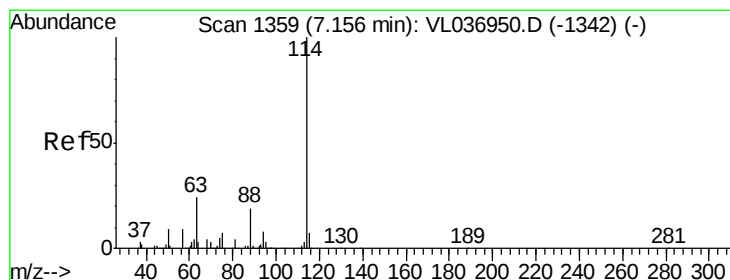
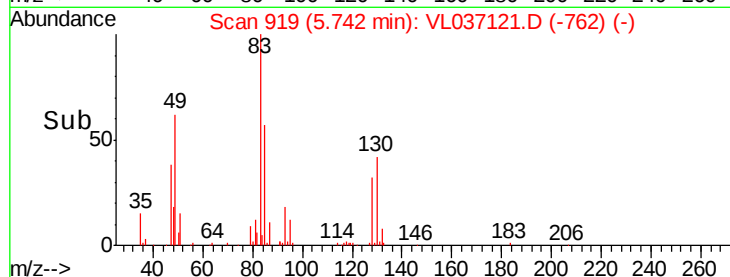
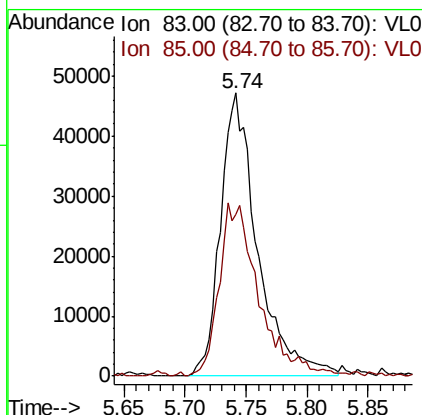
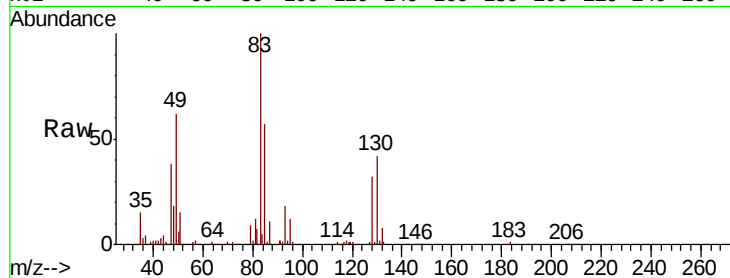
#29
Chloroform
Concen: 0.431 ppbv
RT: 5.74 min Scan# 919
Delta R.T. 0.01 min
Lab File: VL037121.D
Acq: 3 Jun 2021 4:12

Instrument :
MSVOA_L
ClientSampled :
SGS-18ADL

Tot Ion: 83 Resp: 100444
Ion Ratio Lower Upper
83 100
85 57.1 51.1 76.7

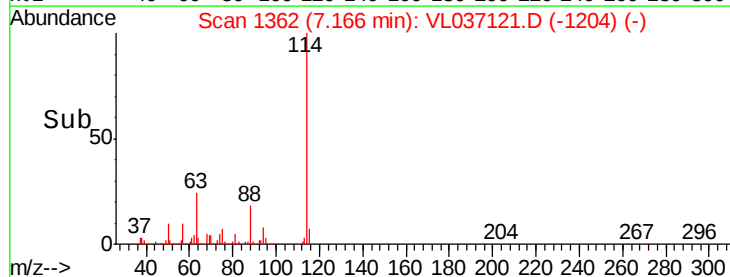
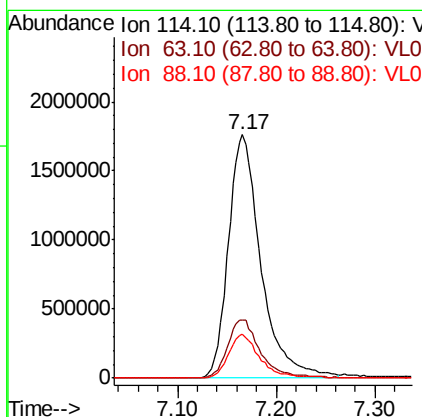
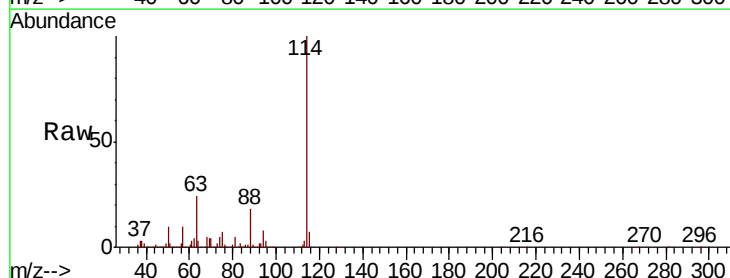
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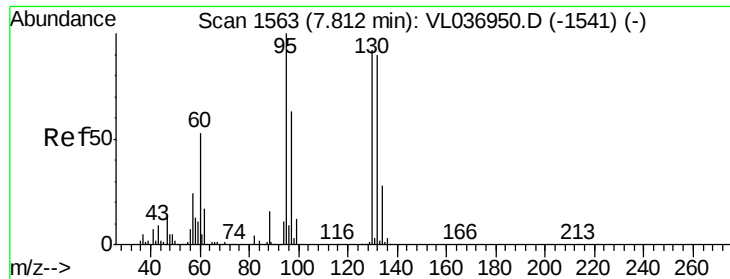
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. 0.01 min
Lab File: VL037121.D
Acq: 3 Jun 2021 4:12

Tgt Ion: 114 Resp: 4067511
Ion Ratio Lower Upper
114 100
63 24.4 19.6 29.4
88 17.7 14.6 21.8





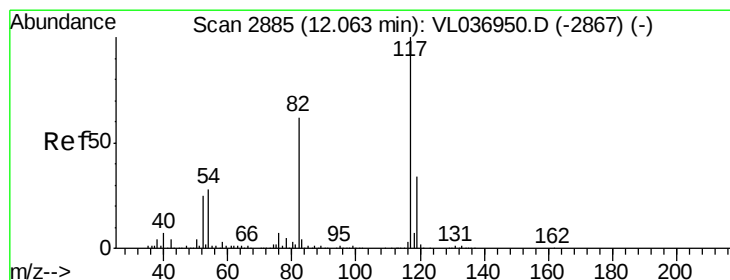
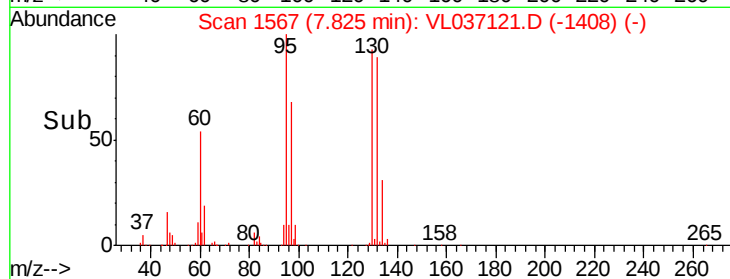
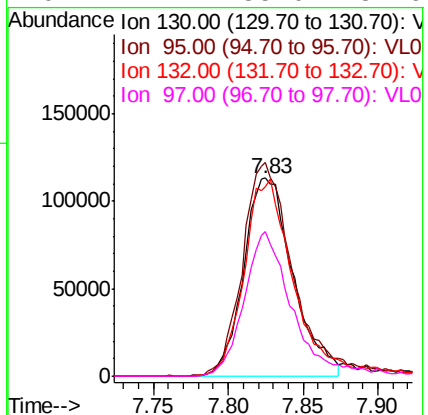
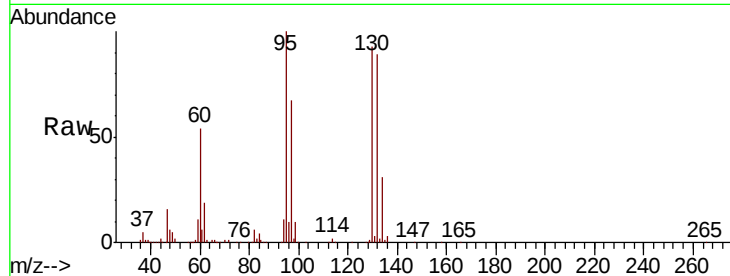
#38
 Trichloroethene
 Concen: 1.729 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: VL037121.D
 Acq: 3 Jun 2021 4:12

Instrument :
 MSVOA_L
 ClientSampled :
 SGS-18ADL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
130	100		259168		
95	107.5	86.9	130.3		
132	95.8	78.4	117.6		
97	72.7	55.0	82.6		

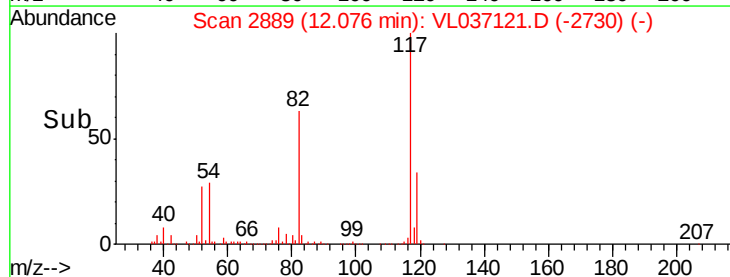
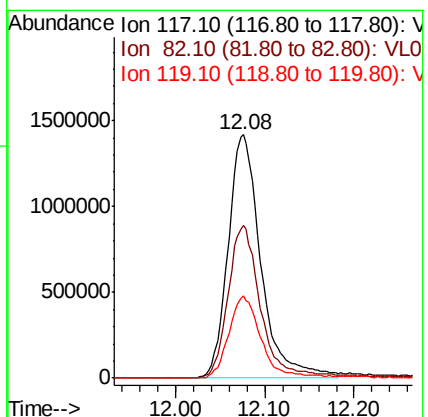
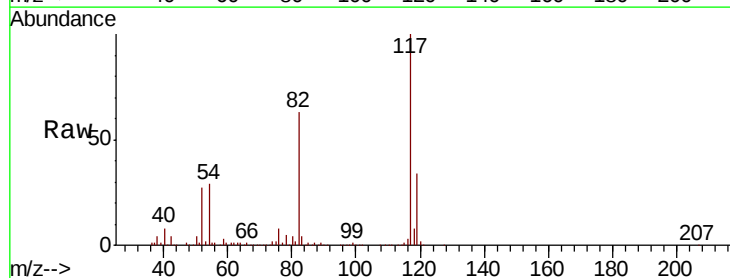
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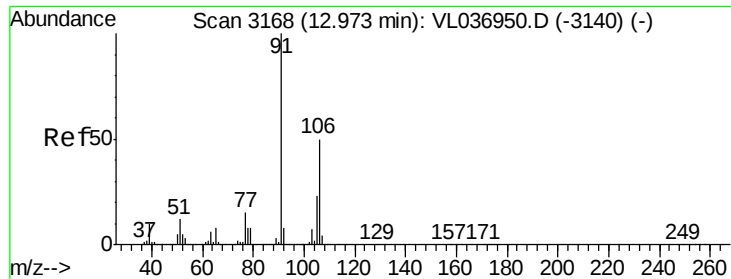
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2889
 Delta R.T. 0.01 min
 Lab File: VL037121.D
 Acq: 3 Jun 2021 4:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		3621837		
82	63.9	52.6	79.0		
119	34.2	46.6	70.0#		





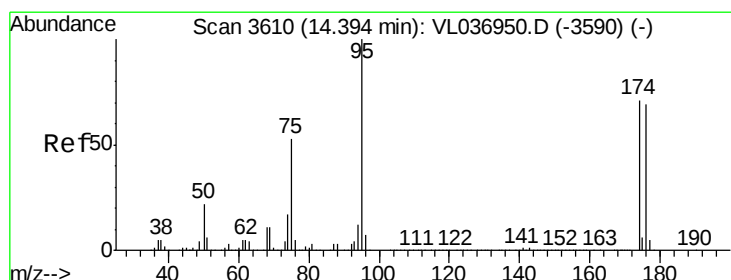
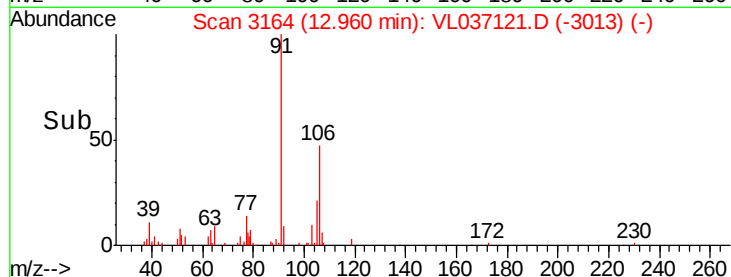
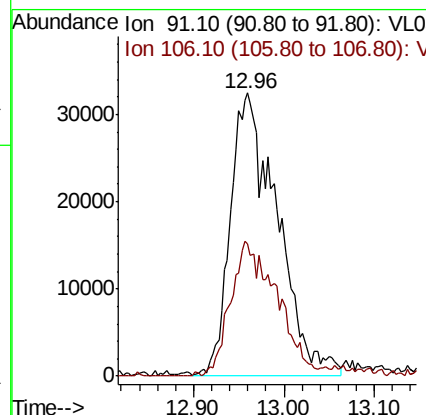
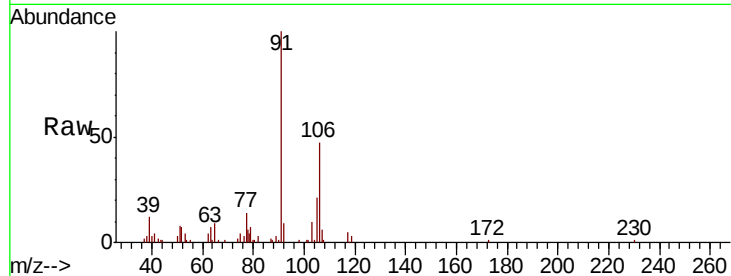
#59
m/p-Xylene
Concen: 0.276 ppbv m
RT: 12.96 min Scan# 3164
Delta R.T. -0.01 min
Lab File: VL037121.D
Acq: 3 Jun 2021 4:12

Instrument :
MSVOA_L
ClientSampled :
SGS-18ADL

Tot Ion: 91 Resp: 116616
Ion Ratio Lower Upper
91 100
106 0.0 37.4 56.2#

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.576 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. 0.01 min
Lab File: VL037121.D
Acq: 3 Jun 2021 4:12

Tgt Ion: 95 Resp: 2605535
Ion Ratio Lower Upper
95 100
174 77.0 58.4 87.6
175 5.9 4.4 6.6

