

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060221\
 Data File : VL037119.D
 Acq On : 3 Jun 2021 2:51
 Operator : SY/AP
 Sample : M2548-16DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SGS-9ADL

Manual Integrations
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 6/7/2021 3:01:28 PM

Quant Time: Jun 06 20:34:08 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	1383247	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4073613	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3597522	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.40	95	2652263	9.81	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	241321	19.932	ppbv	95
15) Acetone	3.85	43	304675	2.150	ppbv #	84
19) Isopropyl Alcohol	3.99	45	33043m	0.434	ppbv	
20) Methylene Chloride	4.34	84	428769	5.646	ppbv	98
26) Hexane	5.68	57	435647	2.505	ppbv #	46
34) 2-Butanone	5.26	43	39153m	0.264	ppbv	
38) Trichloroethene	7.83	130	1910765	12.730	ppbv	98
52) Tetrachloroethene	11.22	164	16554m	0.119	ppbv	

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

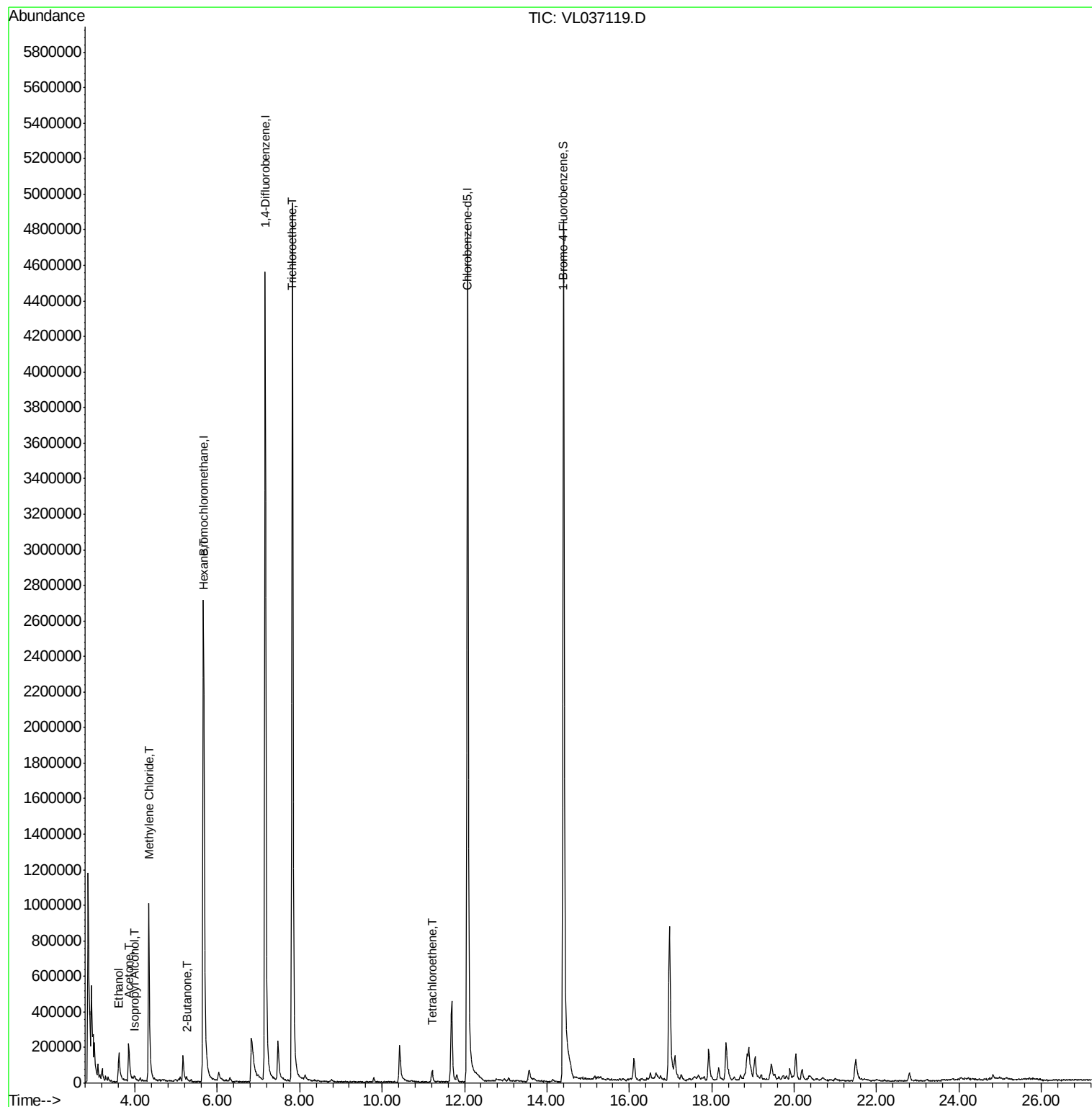
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Data File : VL037119.D
Acq On : 3 Jun 2021 2:51
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Misc : 400mL/MSVOA L
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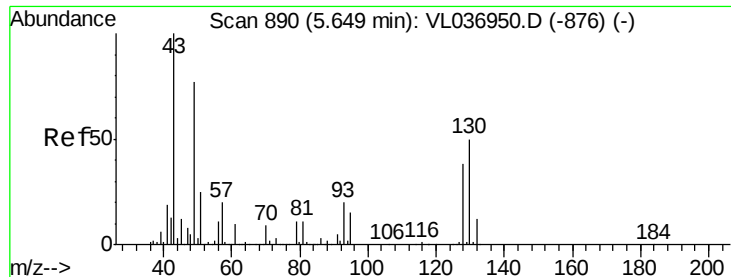
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Jun 06 20:34:08 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. 0.01 min

Lab File: VL037119.D

Acq: 3 Jun 2021 2:51

Instrument :

MSVOA_L

ClientSampleId :

SGS-9ADL

Tot Ion: 49 Resp: 1383247

Ion Ratio Lower Upper

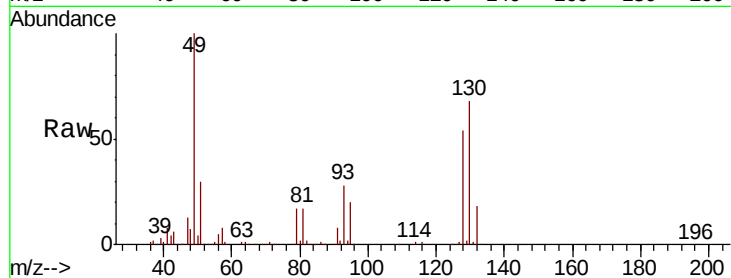
49 100

128 56.5 26.9 80.7

130 72.9 33.8 101.4

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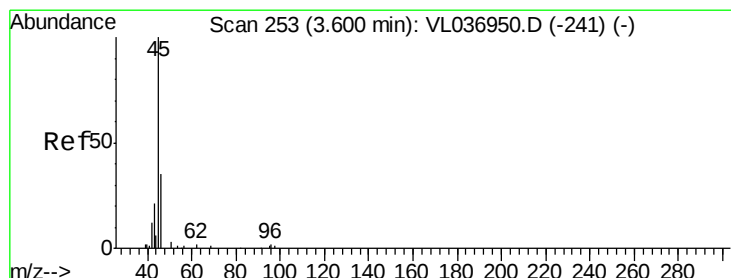
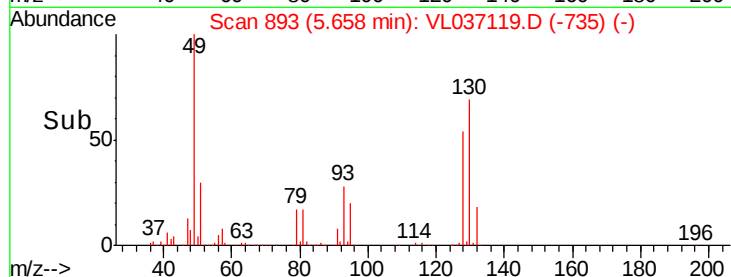
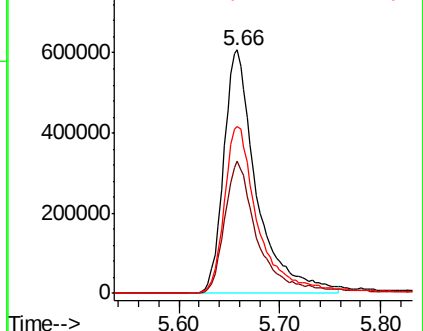
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 19.932 ppbv

RT: 3.61 min Scan# 256

Delta R.T. 0.01 min

Lab File: VL037119.D

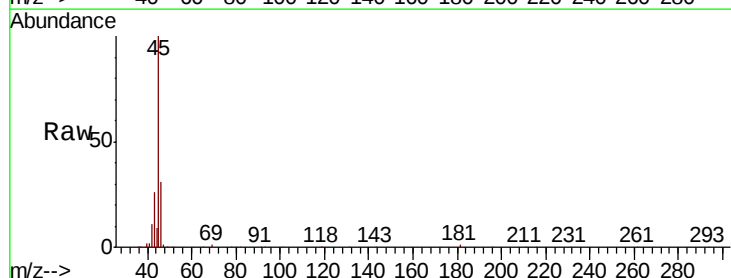
Acq: 3 Jun 2021 2:51

Tgt Ion: 45 Resp: 241321

Ion Ratio Lower Upper

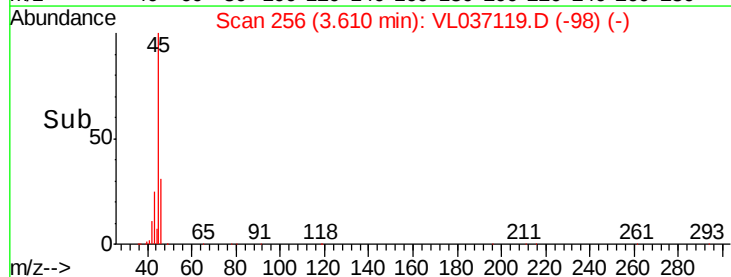
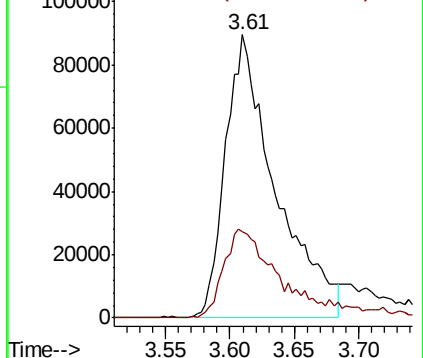
45 100

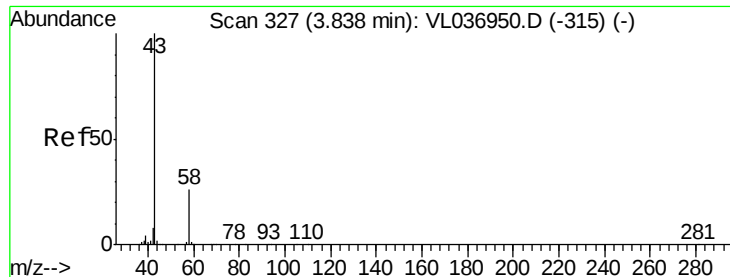
46 37.6 16.3 65.3



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





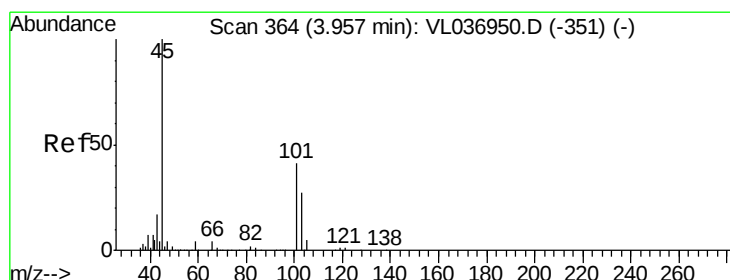
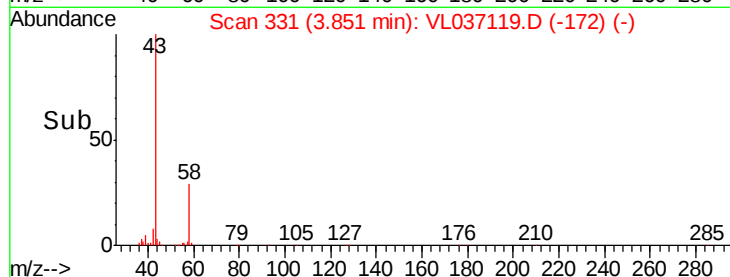
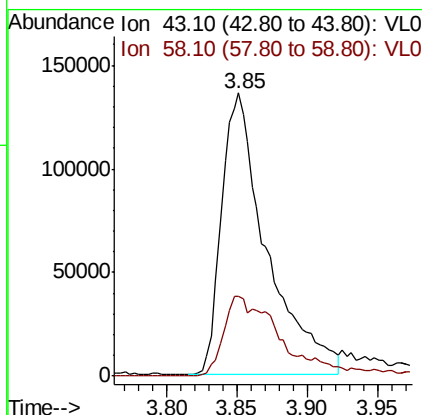
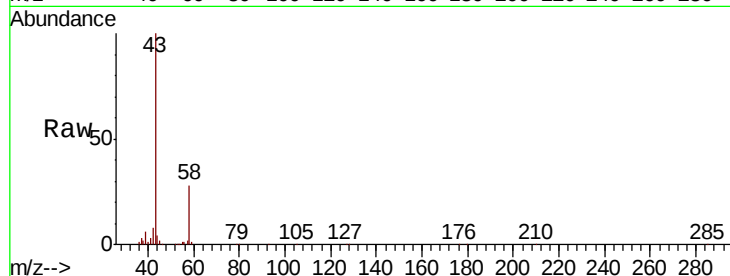
#15
Acetone
Concen: 2.150 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.01 min
Lab File: VL037119.D
Acq: 3 Jun 2021 2:51

Instrument :
MSVOA_L
ClientSampleId :
SGS-9ADL

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.7	24.0	36.0#

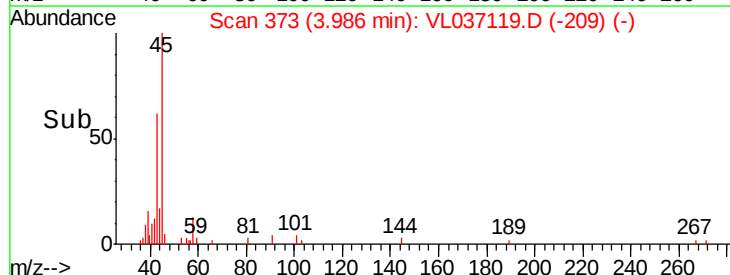
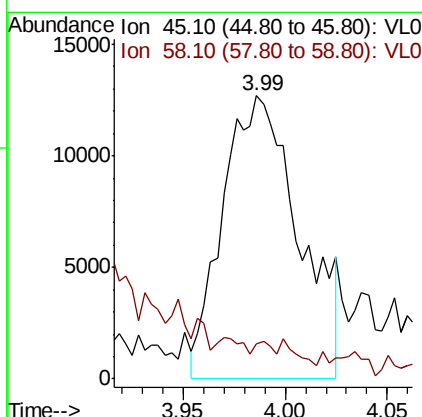
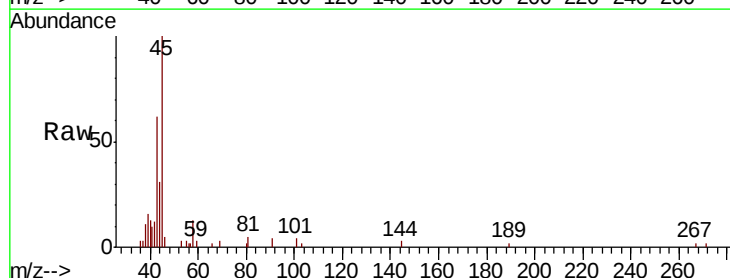
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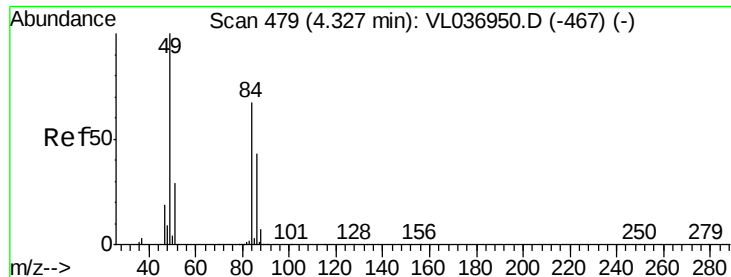
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#19
Isopropyl Alcohol
Concen: 0.434 ppbv m
RT: 3.99 min Scan# 373
Delta R.T. 0.03 min
Lab File: VL037119.D
Acq: 3 Jun 2021 2:51

Tgt Ion	Ratio	Lower	Upper
45	100		
58	0.0	37.2	55.8#





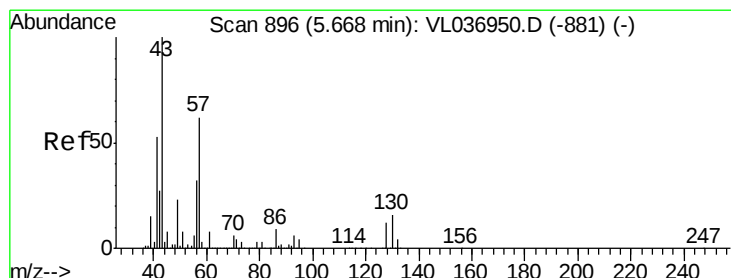
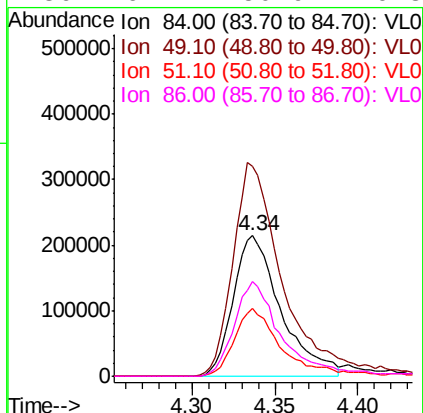
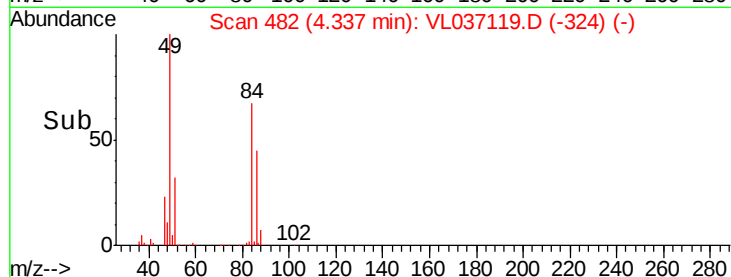
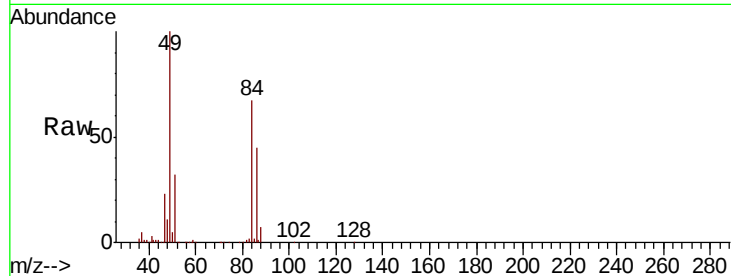
#20
Methylene Chloride
Concen: 5.646 ppbv
RT: 4.34 min Scan# 482
Delta R.T. 0.01 min
Lab File: VL037119.D
Acq: 3 Jun 2021 2:51

Instrument :
MSVOA_L
ClientSampleId :
SGS-9ADL

Tot Ion	84	Resp	428769
Ion	Ratio	Lower	Upper
84	100		
49	149.5	119.8	179.6
51	48.2	35.1	52.7
86	67.1	50.9	76.3

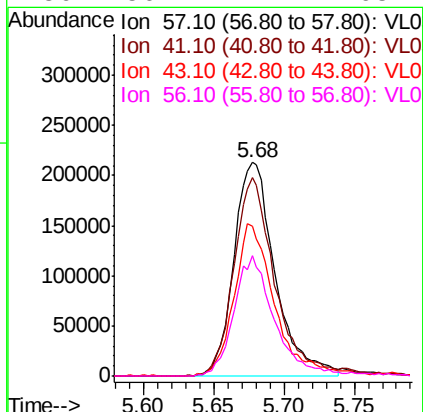
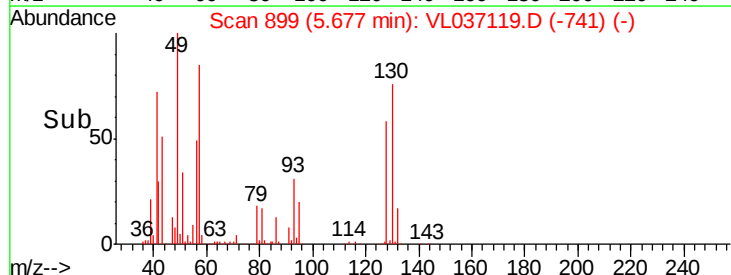
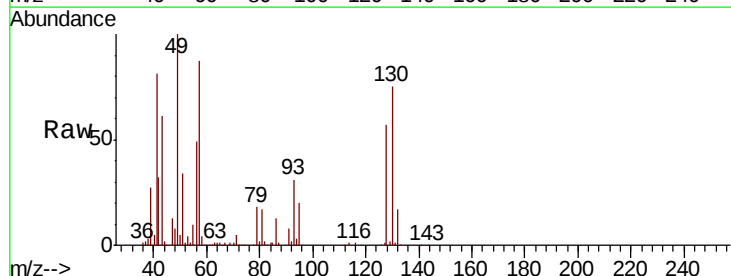
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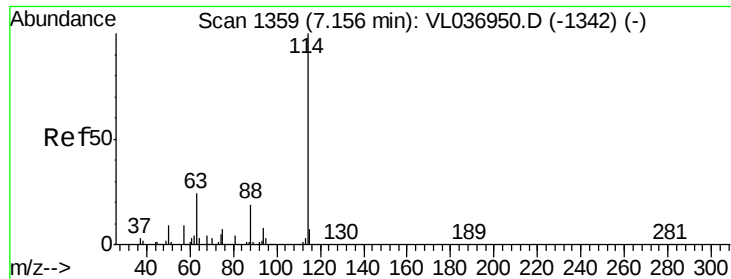
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#26
Hexane
Concen: 2.505 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.01 min
Lab File: VL037119.D
Acq: 3 Jun 2021 2:51

Tgt Ion	57	Resp	435647
Ion	Ratio	Lower	Upper
57	100		
41	93.7	70.5	105.7
43	71.4	165.8	248.8#
56	56.1	42.2	63.4





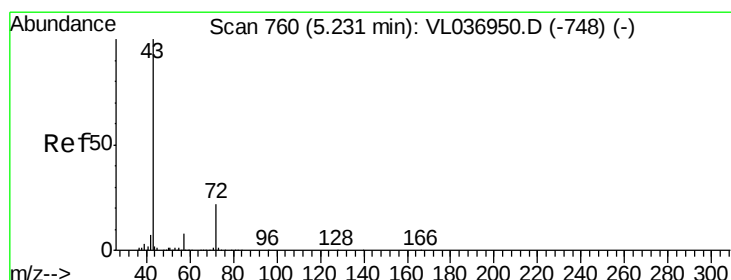
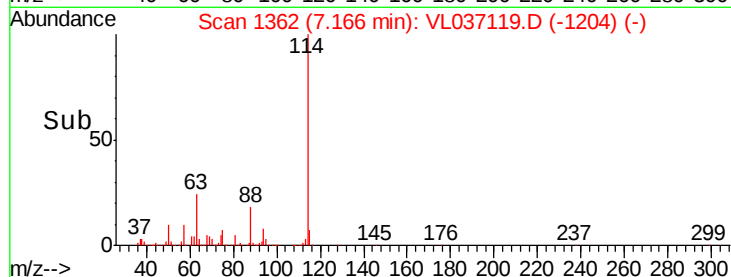
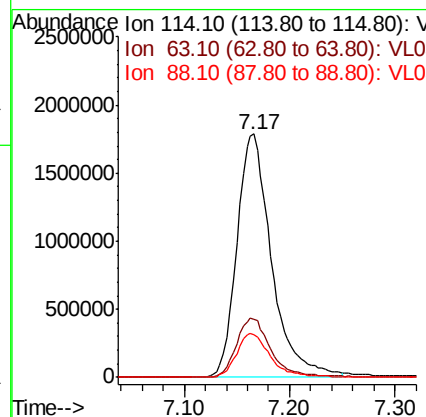
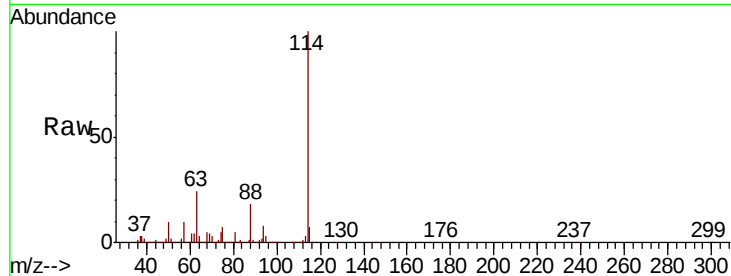
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: VL037119.D
 Acq: 3 Jun 2021 2:51

Instrument :
 MSVOA_L
 ClientSampleId :
 SGS-9ADL

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.6	19.6	29.4
88	17.9	14.6	21.8

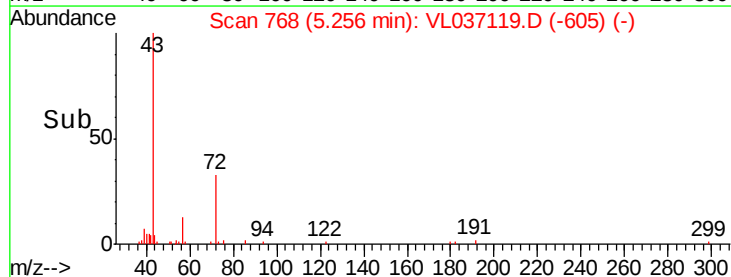
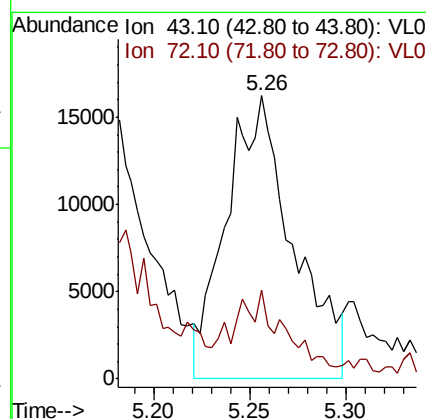
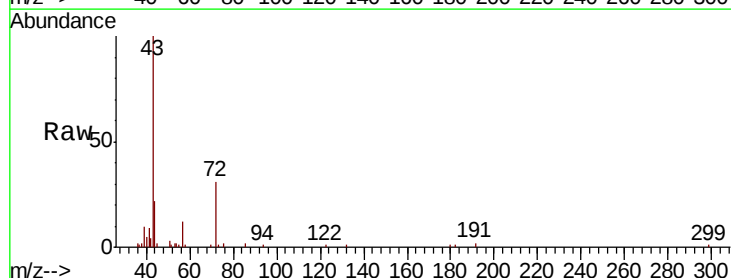
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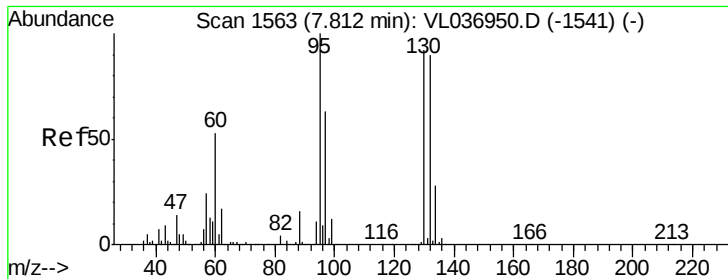
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#34
 2-Butanone
 Concen: 0.264 ppbv m
 RT: 5.26 min Scan# 768
 Delta R.T. 0.03 min
 Lab File: VL037119.D
 Acq: 3 Jun 2021 2:51

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.0	28.4#





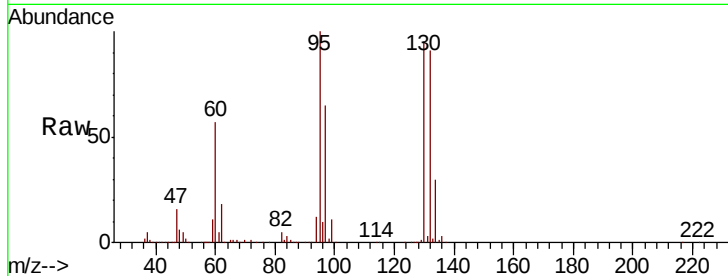
#38
 Trichloroethene
 Concen: 12.730 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: VL037119.D
 Acq: 3 Jun 2021 2:51

Instrument :
 MSVOA_L
 ClientSampled :
 SGS-9ADL

Tot Ion	Ratio	Lower	Upper
130	100		
95	105.6	86.9	130.3
132	96.1	78.4	117.6
97	68.4	55.0	82.6

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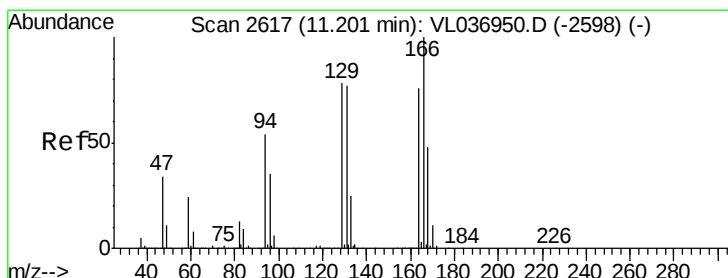
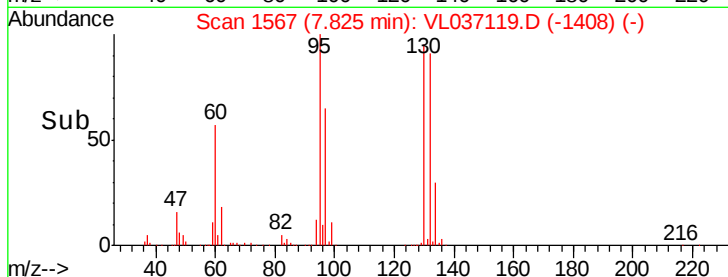
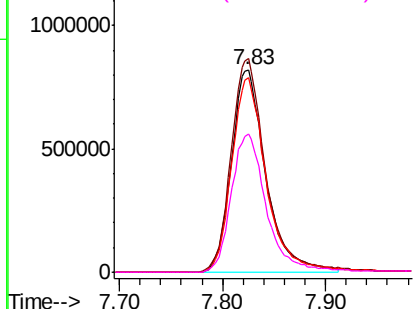
Abundance

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



#52
 Tetrachloroethene
 Concen: 0.119 ppbv m
 RT: 11.22 min Scan# 2622
 Delta R.T. 0.02 min
 Lab File: VL037119.D
 Acq: 3 Jun 2021 2:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	103.4	105.5	158.3#
129	86.6	81.8	122.8
131	104.0	81.2	121.8

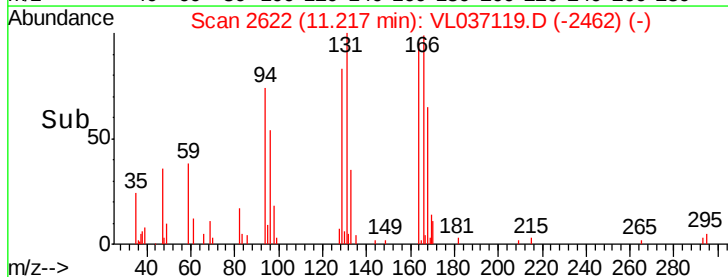
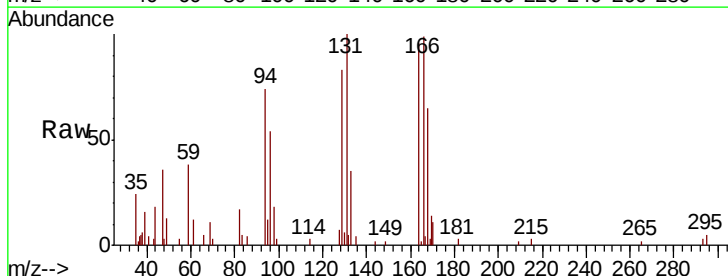
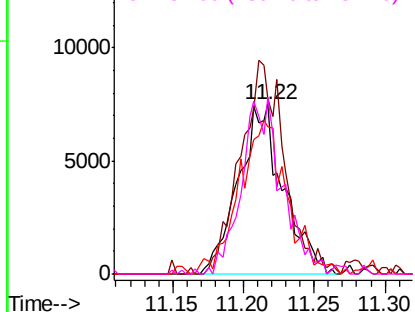
Abundance

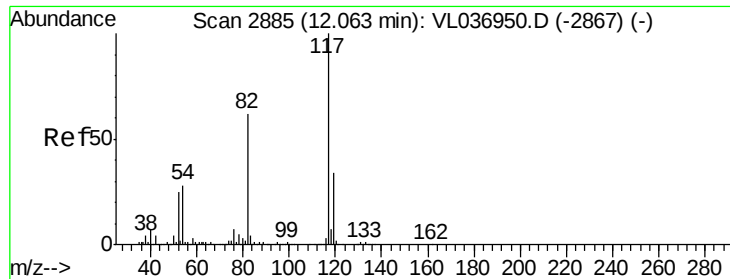
Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V





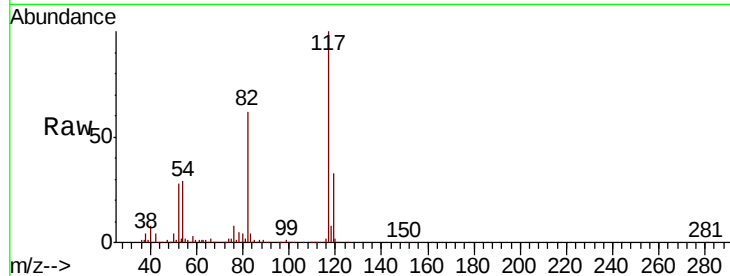
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. 0.01 min
Lab File: VL037119.D
Acq: 3 Jun 2021 2:51

Instrument :
MSVOA_L
ClientSampleId :
SGS-9ADL

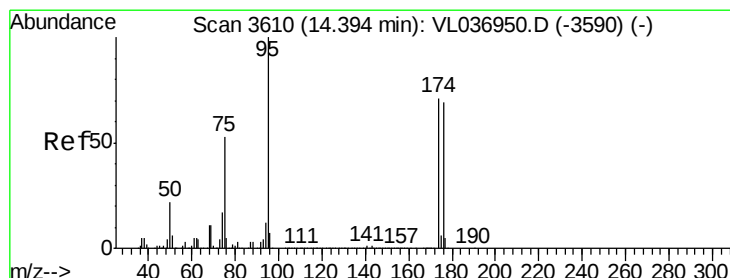
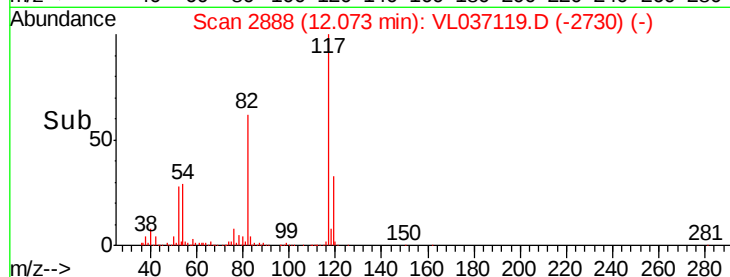
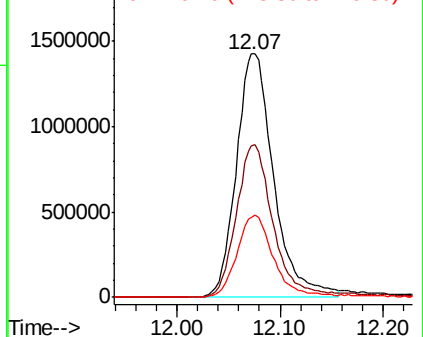
Tot Ion	Ratio	Lower	Upper
117	100		
82	64.2	52.6	79.0
119	34.3	46.6	70.0

Manual Integrations
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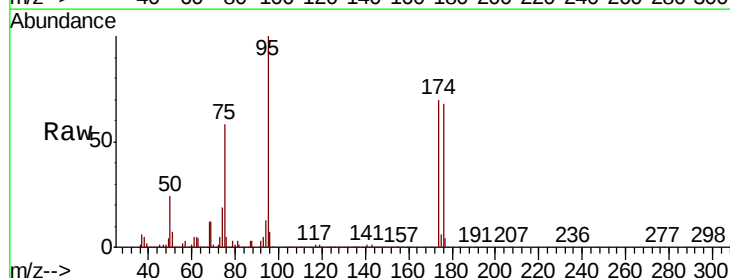


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.814 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. 0.01 min
Lab File: VL037119.D
Acq: 3 Jun 2021 2:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.9	58.4	87.6
175	5.6	4.4	6.6



Abundance Ion 95.10 (94.80 to 95.80): V
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

