

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121118\
 Data File : VL032972.D
 Acq On : 12 Dec 2018 2:32
 Operator : SY/AP
 Sample : J6338-01 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
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 12/13/2018 7:58:53 AM

Quant Time: Dec 12 15:18:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1206178	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2986556	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3072596	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2367791	10.43	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.93	43	74561	0.720	ppbv	92
20) Methylene Chloride	4.42	84	27445	0.542	ppbv	88
26) Hexane	5.79	57	48615	0.431	ppbv #	41
27) Carbon Disulfide	4.63	76	56778	0.402	ppbv #	77
29) Chloroform	5.85	83	407243	2.021	ppbv	98
52) Tetrachloroethene	11.38	164	2731277	34.182	ppbv	99
53) Toluene	9.95	91	42562	0.183	ppbv	97
59) m/p-Xylene	13.13	91	144640m	0.487	ppbv	
60) o-Xylene	13.86	91	78693m	0.262	ppbv	

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

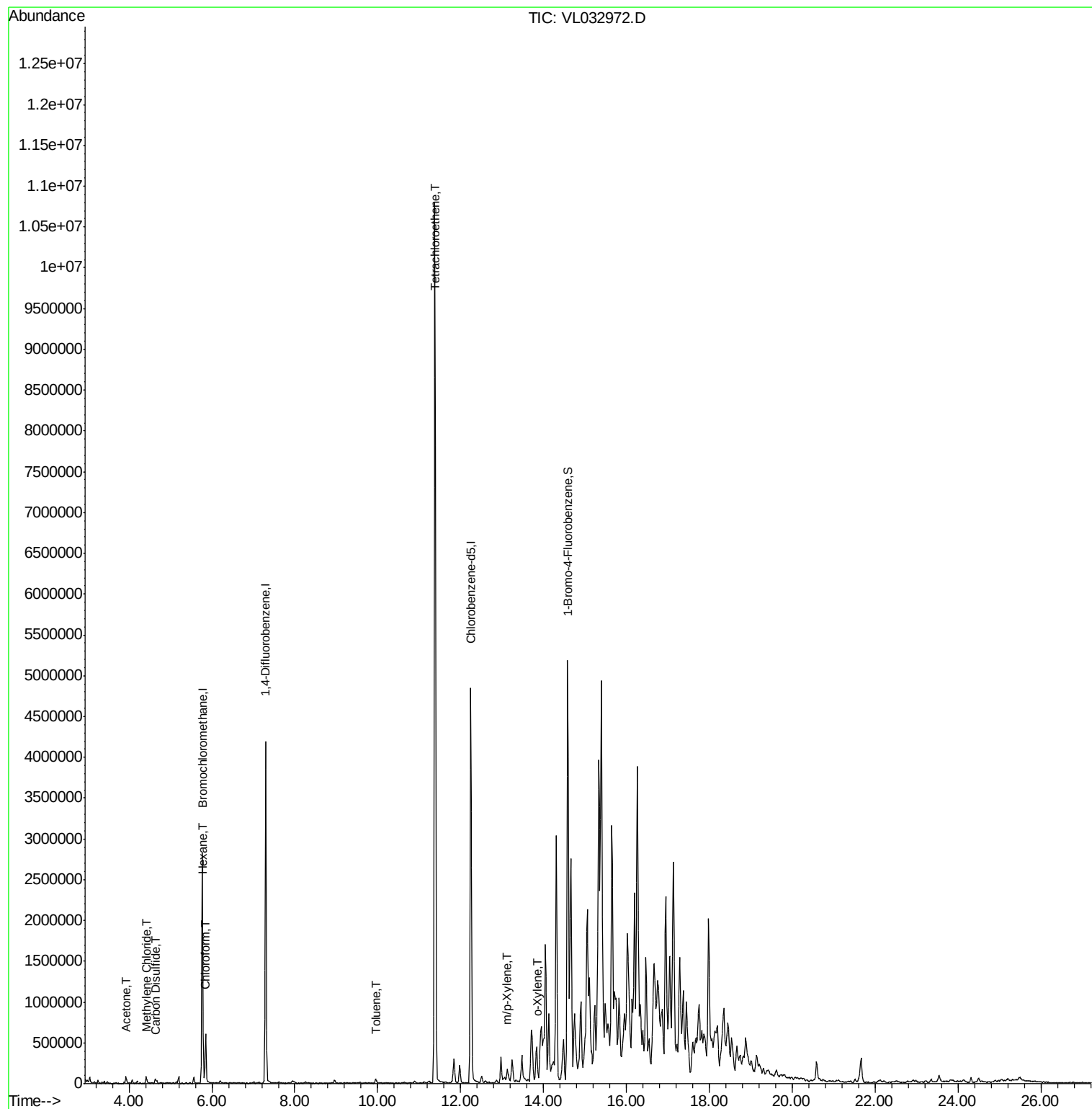
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Data File : VL032972.D
Acq On : 12 Dec 2018 2:32
Operator : SY/AP
Sample : J6338-01 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

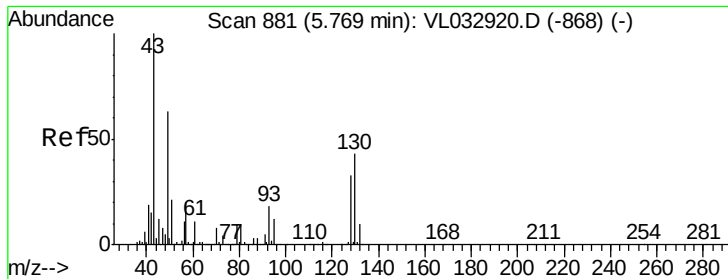
Instrument :
MSVOA_L
ClientSampleId :
SV1

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Quant Time: Dec 12 15:18:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.00 min

Lab File: VL032972.D

Acq: 12 Dec 2018 2:32

Instrument :

MSVOA_L

ClientSampleId :

SV1

Tot Ion: 49 Resp: 1206178

Ion Ratio Lower Upper

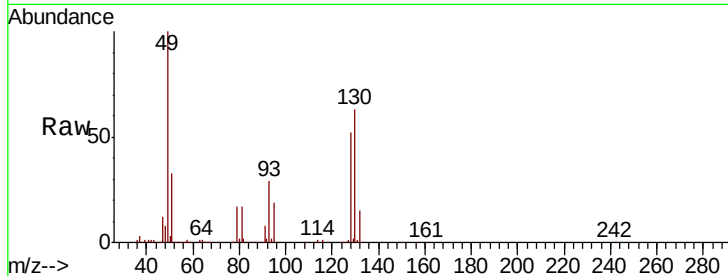
49 100

128 53.2 26.3 78.8

130 66.9 33.9 101.7

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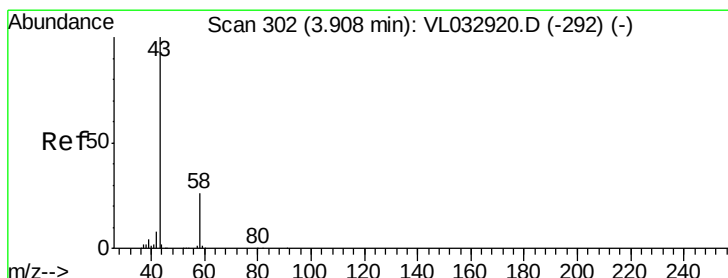
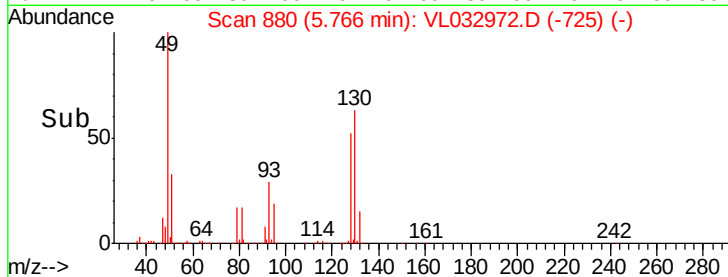
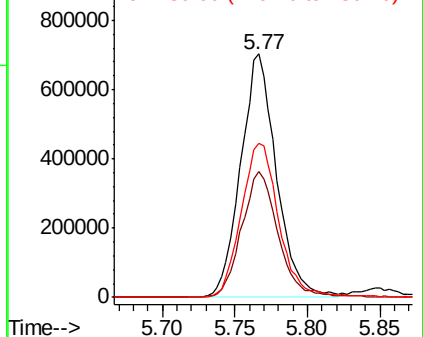
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.720 ppbv

RT: 3.93 min Scan# 308

Delta R.T. 0.02 min

Lab File: VL032972.D

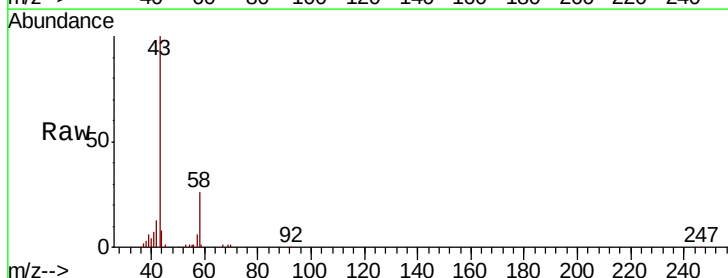
Acq: 12 Dec 2018 2:32

Tgt Ion: 43 Resp: 74561

Ion Ratio Lower Upper

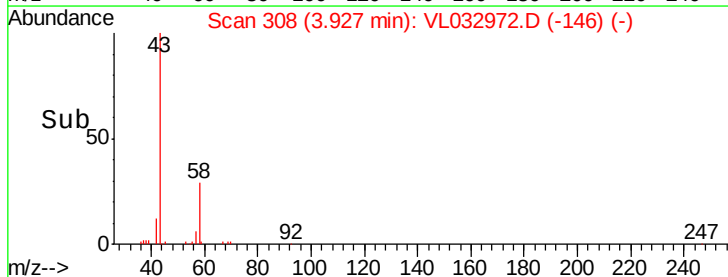
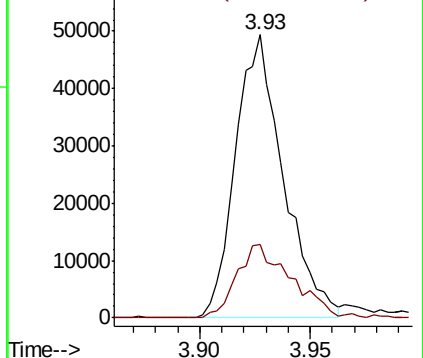
43 100

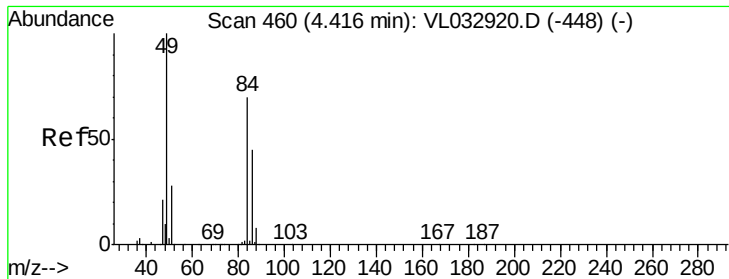
58 29.8 20.6 30.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





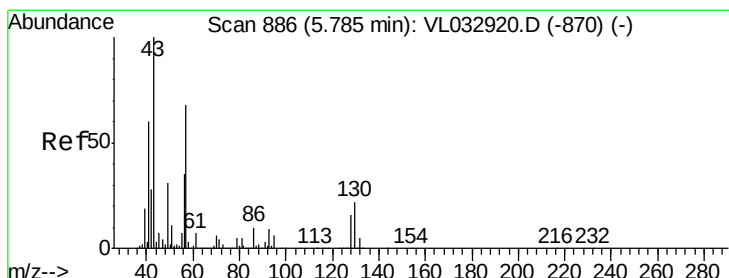
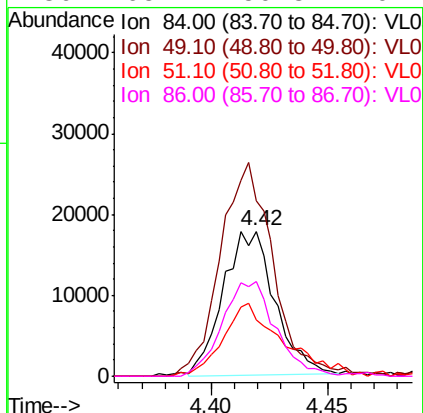
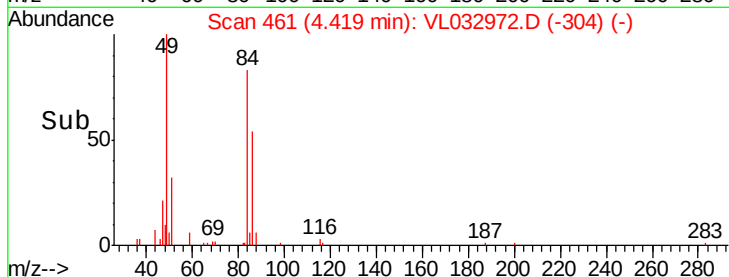
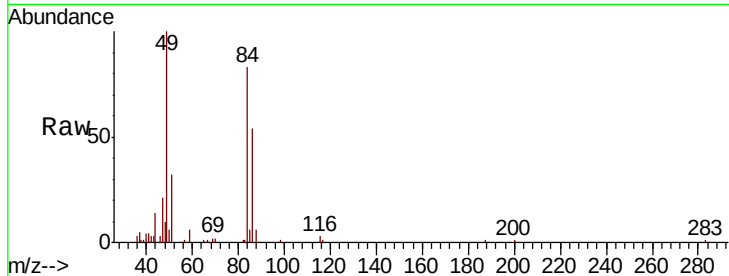
#20
Methylene Chloride
Concen: 0.542 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tot Ion:	84	Resp:	27445
Ion	Ratio	Lower	Upper
84	100		
49	119.4	113.8	170.8
51	38.5	31.8	47.8
86	65.1	50.8	76.2

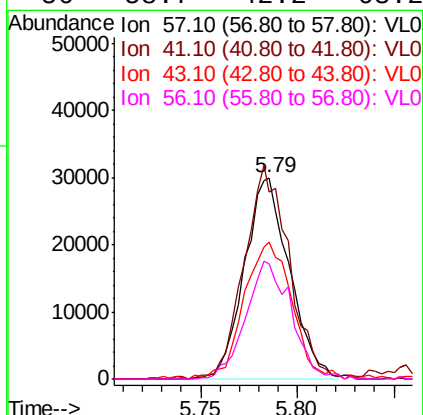
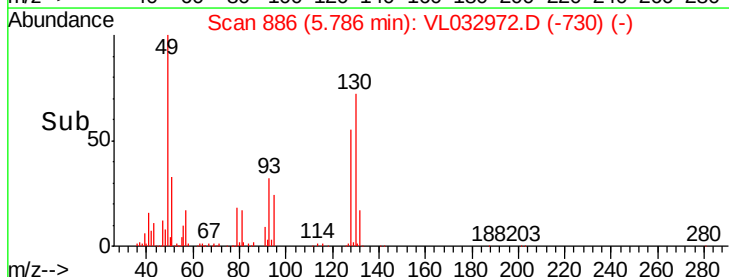
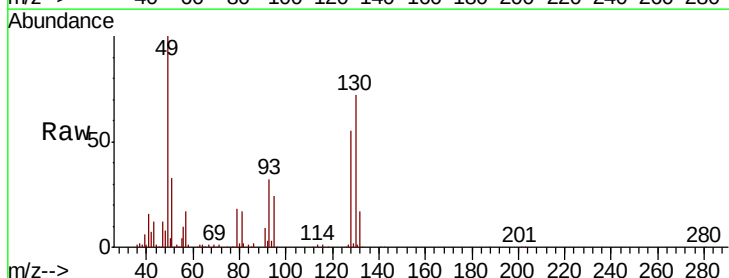
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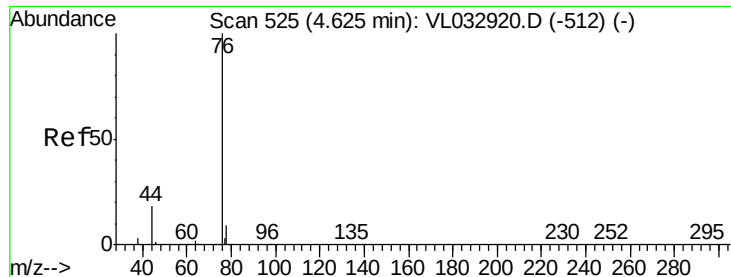
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#26
Hexane
Concen: 0.431 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.00 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Tgt Ion:	57	Resp:	48615
Ion	Ratio	Lower	Upper
57	100		
41	106.2	72.2	108.2
43	72.7	171.9	257.9#
56	58.7	42.2	63.2





#27

Carbon Disulfide

Concen: 0.402 ppbv

RT: 4.63 min Scan# 527

Delta R.T. 0.01 min

Lab File: VL032972.D

Acq: 12 Dec 2018 2:32

Instrument :

MSVOA_L

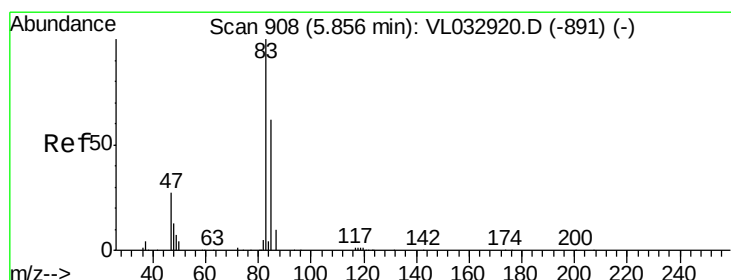
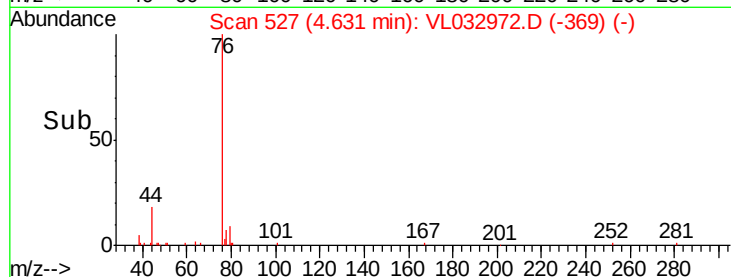
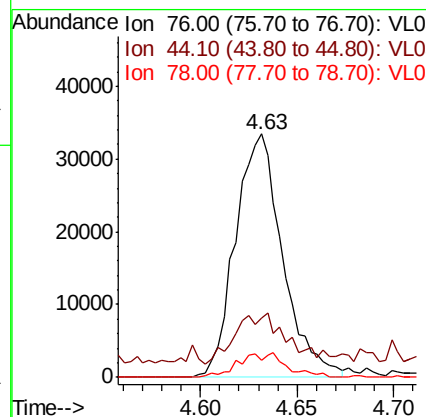
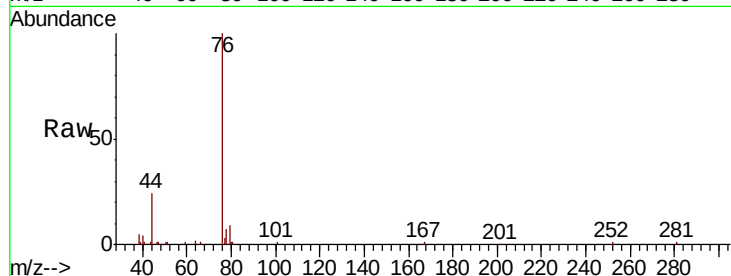
ClientSampleId :

SV1

Tot Ion:	76	Resp:	56778
Ion Ratio	Lower	Upper	
76	100		
44	33.1	14.7	22.1#
78	10.5	7.4	11.2

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#29

Chloroform

Concen: 2.021 ppbv

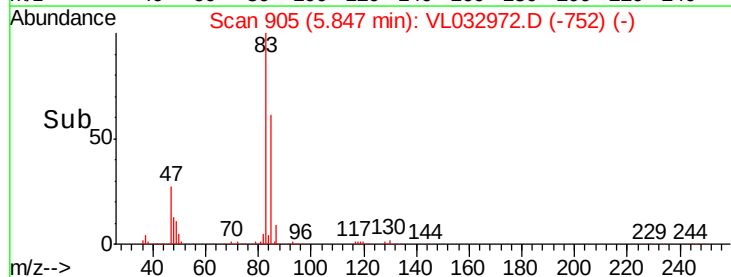
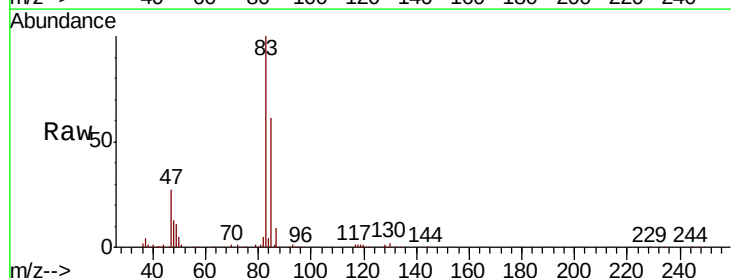
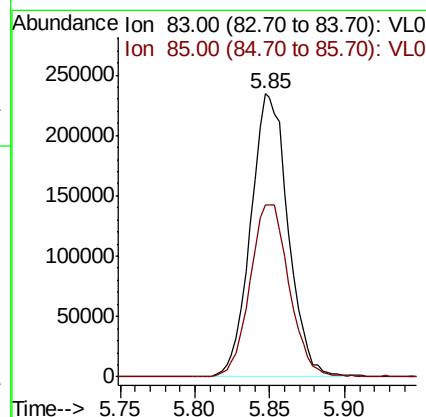
RT: 5.85 min Scan# 905

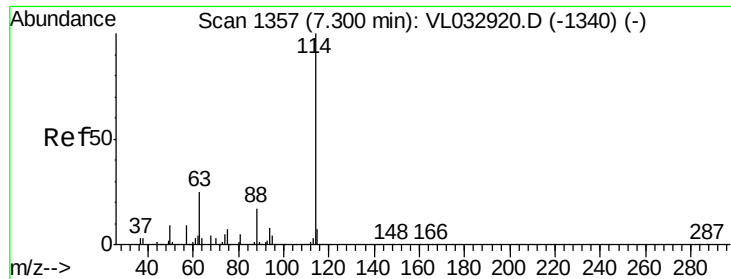
Delta R.T. -0.01 min

Lab File: VL032972.D

Acq: 12 Dec 2018 2:32

Tgt Ion:	83	Resp:	407243
Ion Ratio	Lower	Upper	
83	100		
85	60.7	49.8	74.8





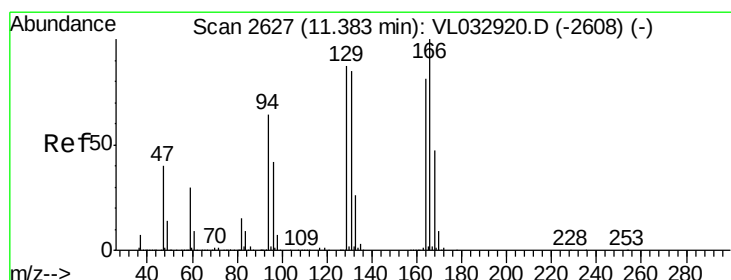
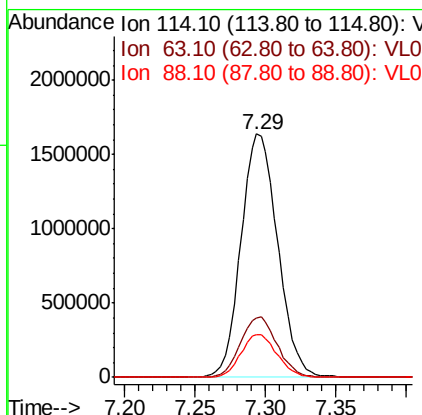
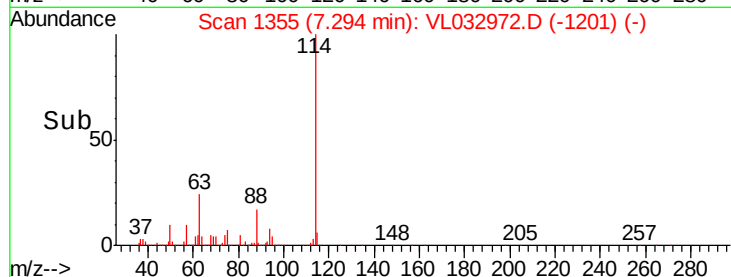
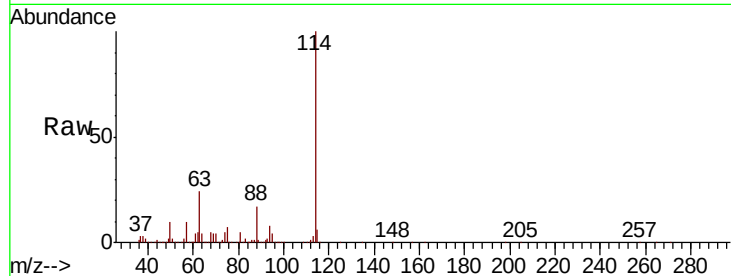
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VL032972.D
 Acq: 12 Dec 2018 2:32

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.8	20.1	30.1
88	17.4	14.2	21.4

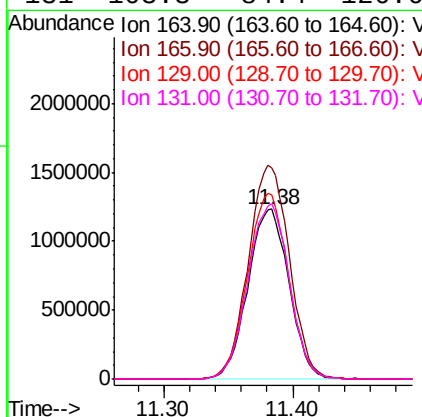
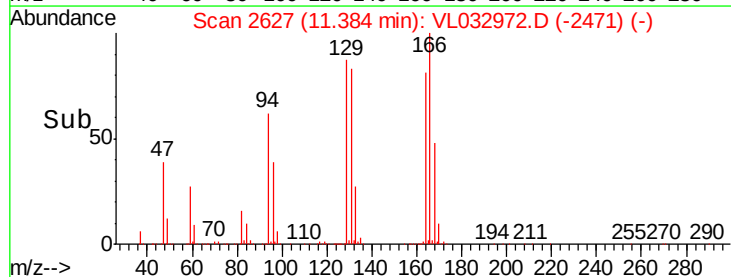
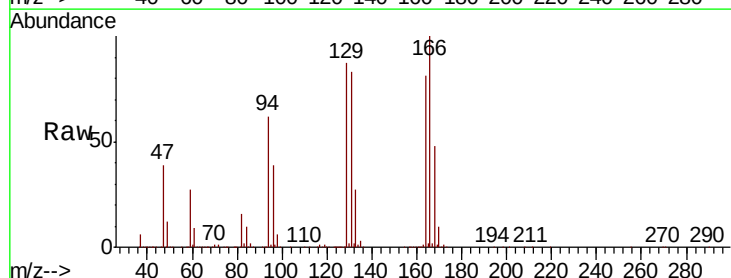
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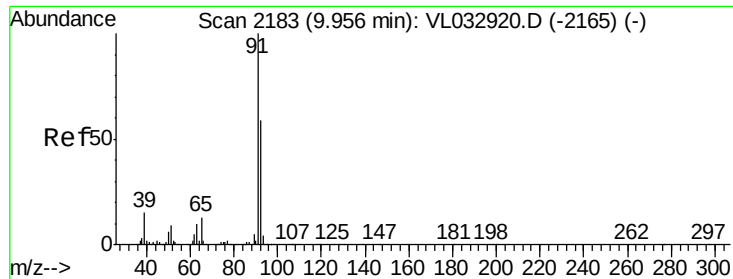
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#52
 Tetrachloroethene
 Concen: 34.182 ppbv
 RT: 11.38 min Scan# 2627
 Delta R.T. 0.00 min
 Lab File: VL032972.D
 Acq: 12 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.0	98.8	148.2
129	108.4	85.5	128.3
131	103.3	84.4	126.6





#53

Toluene

Concen: 0.183 ppbv

RT: 9.95 min Scan# 2182

Delta R.T. -0.00 min

Lab File: VL032972.D

Acq: 12 Dec 2018 2:32

Instrument :

MSVOA_L

ClientSampled :

SV1

Tot Ion: 91 Resp: 42562

Ion Ratio Lower Upper

91 100

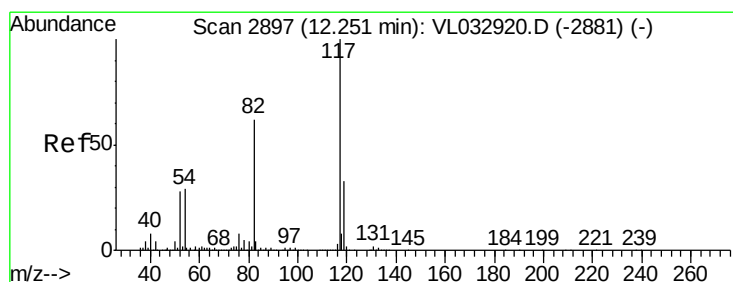
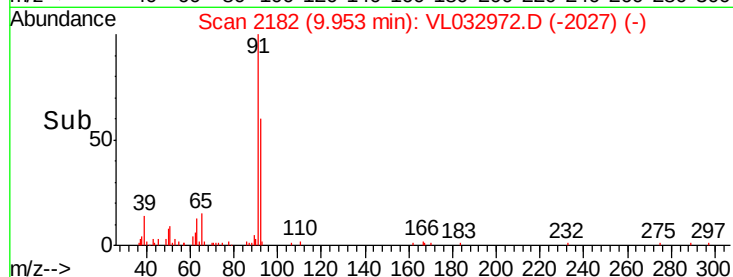
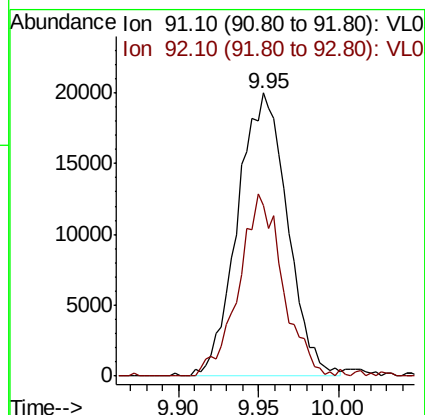
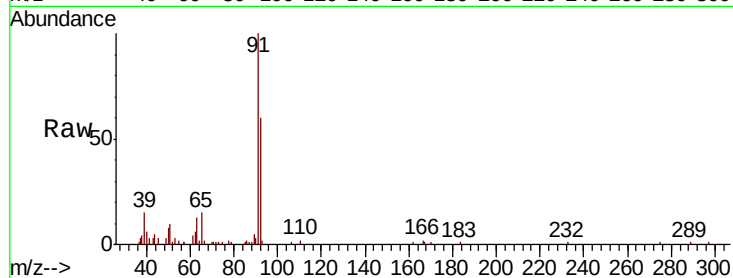
92 56.7 47.4 71.0

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.25 min Scan# 2895

Delta R.T. -0.01 min

Lab File: VL032972.D

Acq: 12 Dec 2018 2:32

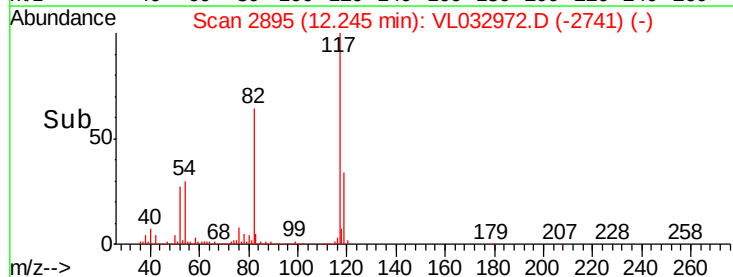
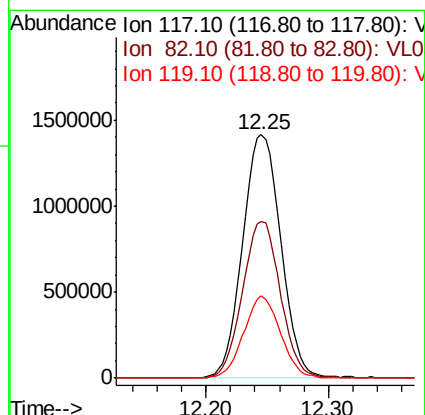
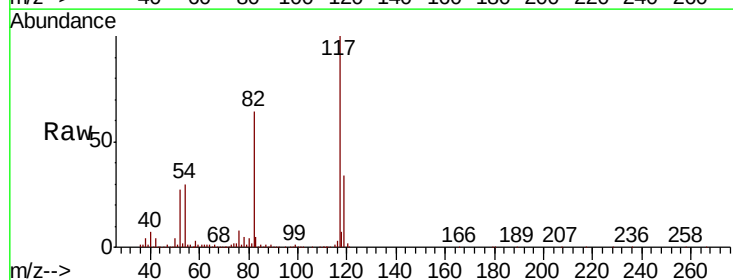
Tgt Ion: 117 Resp: 3072596

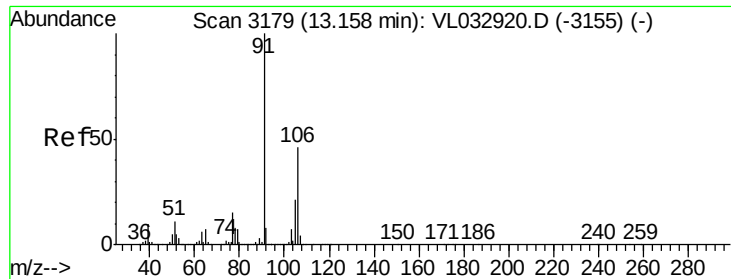
Ion Ratio Lower Upper

117 100

82 64.1 47.8 71.8

119 32.6 43.1 64.7#





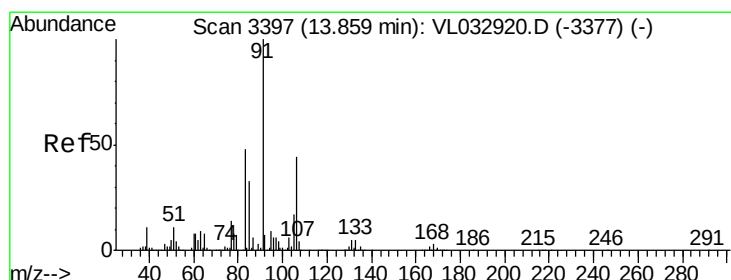
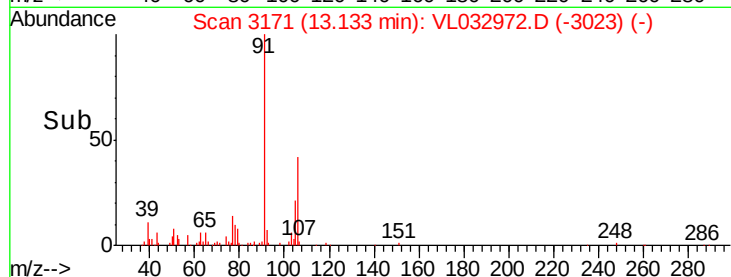
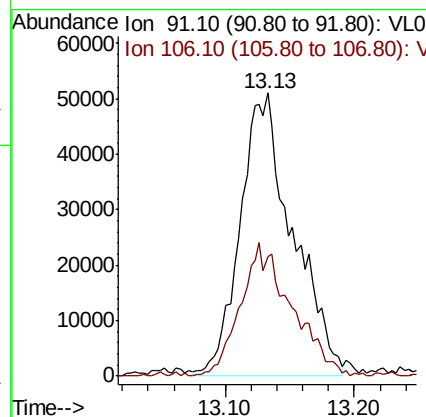
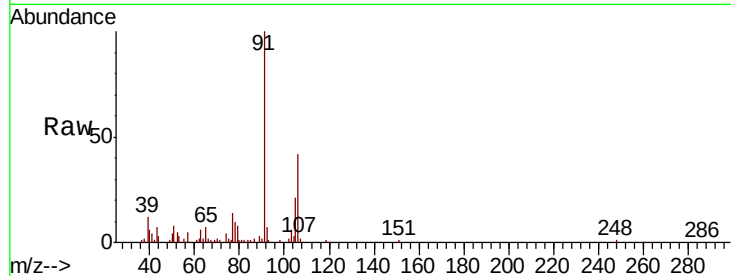
#59
m/p-Xylene
Concen: 0.487 ppbv m
RT: 13.13 min Scan# 3171
Delta R.T. -0.03 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Instrument :
MSVOA_L
ClientSampled :
SV1

Tot Ion	Ratio	Lower	Upper
91	100		
106	0.0	0.0	0.0

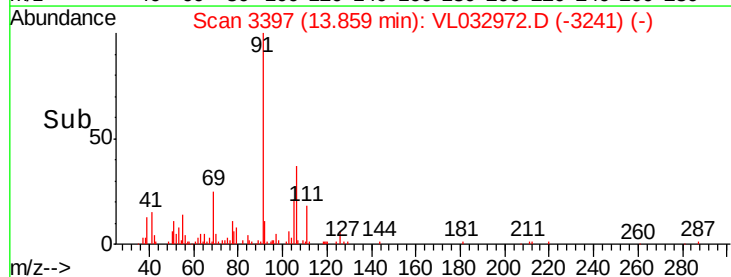
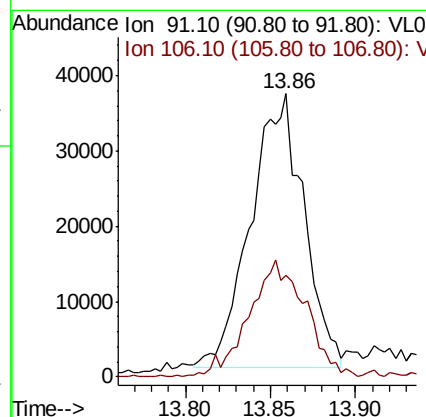
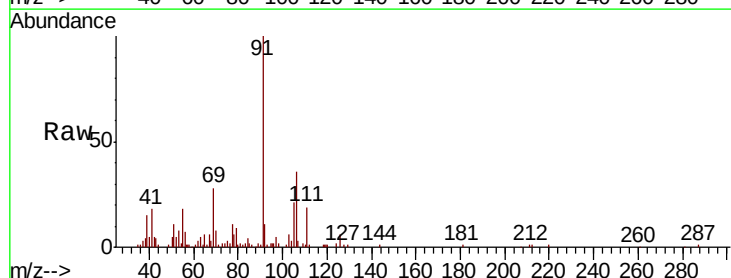
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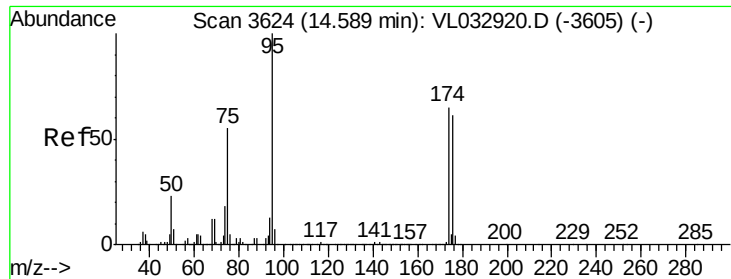
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#60
o-Xylene
Concen: 0.262 ppbv m
RT: 13.86 min Scan# 3397
Delta R.T. 0.00 min
Lab File: VL032972.D
Acq: 12 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
91	100		
106	45.4	21.9	65.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.431 ppbv
 RT: 14.58 min Scan# 3622
 Delta R.T. -0.01 min
 Lab File: VL032972.D
 Acq: 12 Dec 2018 2:32

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Tot Ion	Ratio	Lower	Upper
95	100		
174	63.7	51.4	77.0
175	4.6	3.8	5.6

Manual Integrations
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