

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112718\
 Data File : VL032814.D
 Acq On : 27 Nov 2018 19:31
 Operator : SY/AP
 Sample : J6046-05DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EP2-OA-01DL

Manual Integrations
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Quant Time: Nov 28 03:49:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 14 07:00:23 2018
 QLast Update : Wed Nov 14 07:00:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1258556	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3195409	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2962066	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2161776	9.76	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.05	41	8755m	0.22	ppbv	
13) Ethanol	3.68	45	21733m	1.66	ppbv	
15) Acetone	3.92	43	45613	0.40	ppbv	98
20) Methylene Chloride	4.43	84	44066m	0.74	ppbv	
26) Hexane	5.79	57	24091m	0.20	ppbv	

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

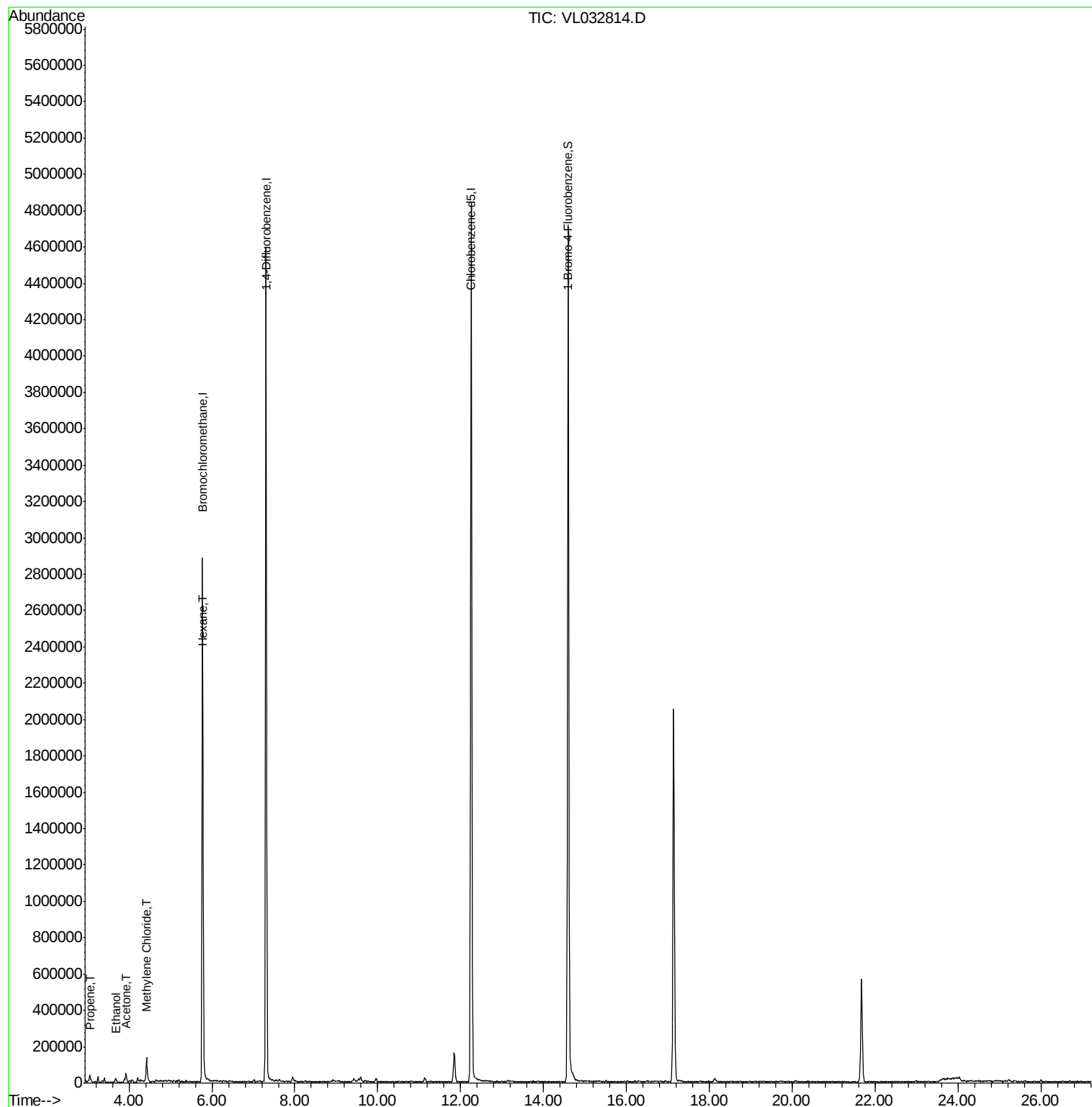
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL112718\
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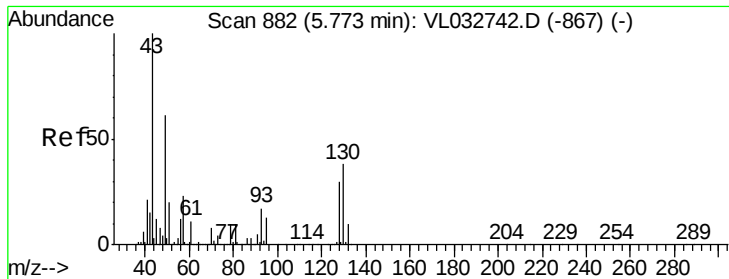
Instrument :
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QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.77 min Scan# 882

Delta R.T. 0.00 min

Lab File: VL032814.D

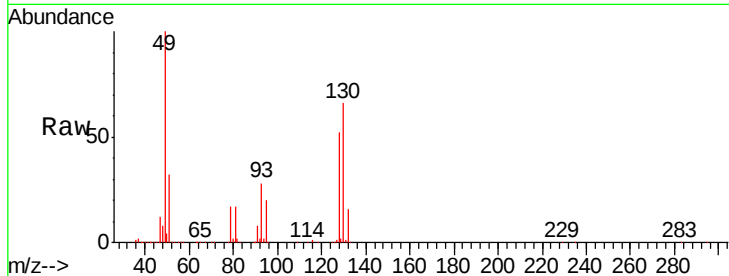
Acq: 27 Nov 2018 19:31

Instrument :

MSVOA_L

ClientSampleId :

EP2-OA-01DL



Tgt Ion: 49 Resp: 1258556

Ion Ratio Lower Upper

49 100

128 52.2 24.9 74.6

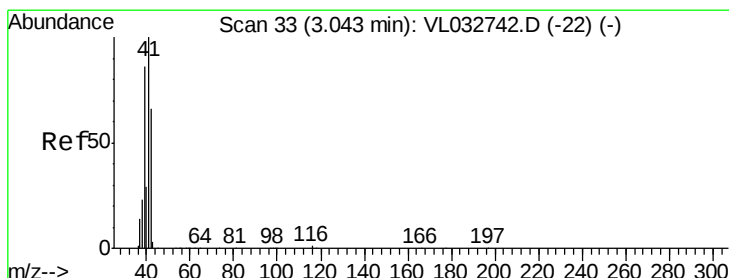
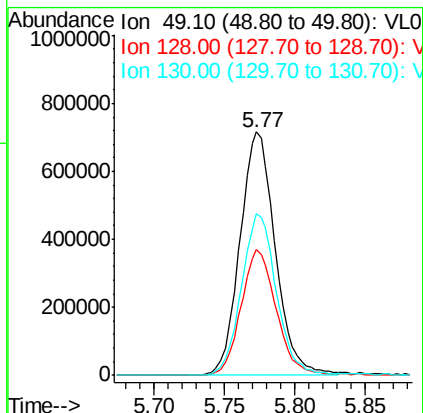
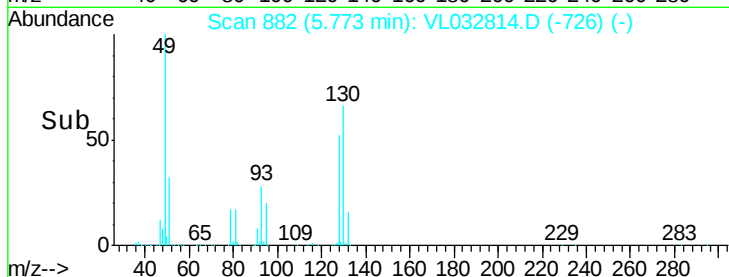
130 66.7 31.4 94.2

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#9

Propene

Concen: 0.22 ppbv m

RT: 3.05 min Scan# 36

Delta R.T. 0.01 min

Lab File: VL032814.D

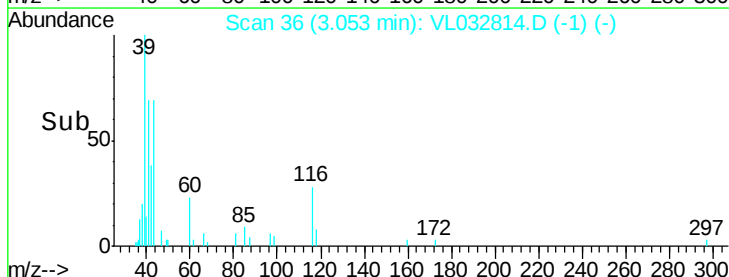
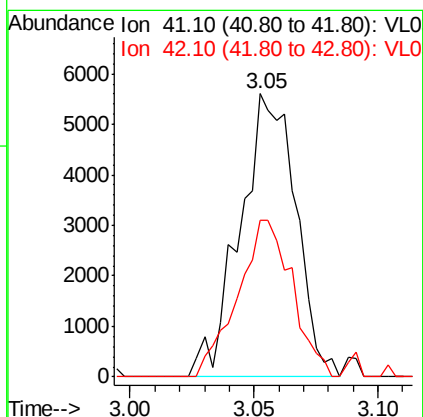
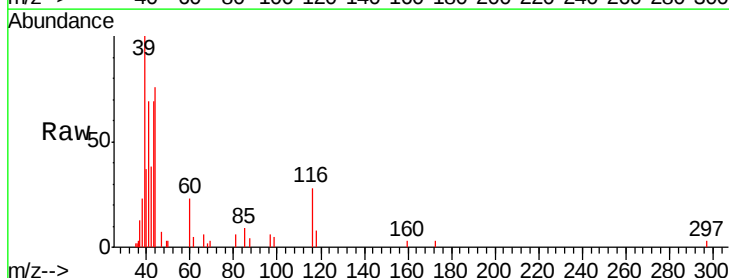
Acq: 27 Nov 2018 19:31

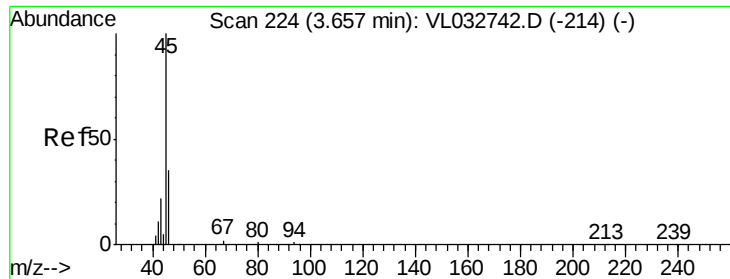
Tgt Ion: 41 Resp: 8755

Ion Ratio Lower Upper

41 100

42 70.1 55.0 82.6





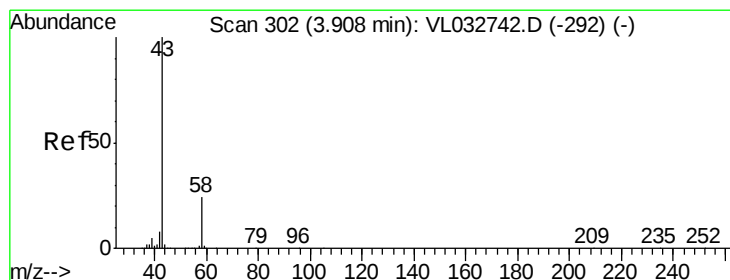
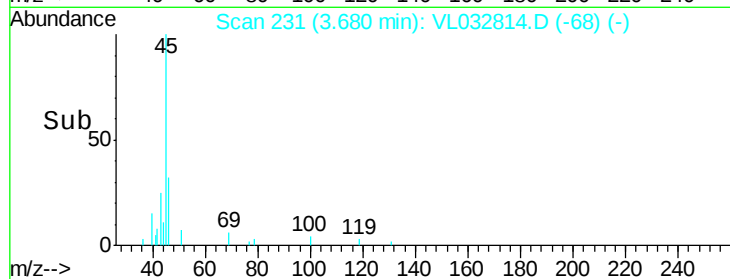
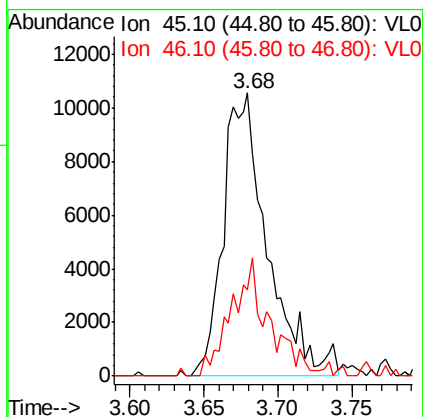
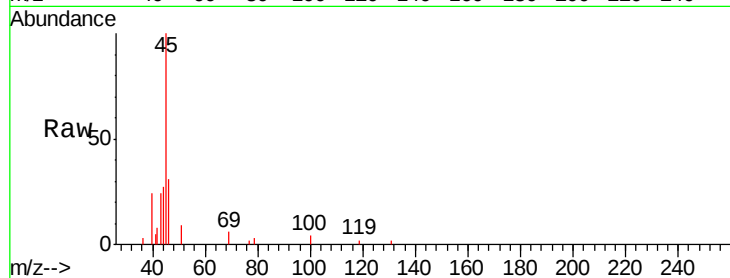
#13
Ethanol
Concen: 1.66 ppbv m
RT: 3.68 min Scan# 231
Delta R.T. 0.02 min
Lab File: VL032814.D
Acq: 27 Nov 2018 19:31

Instrument :
MSVOA_L
ClientSampleId :
EP2-OA-01DL

Tgt Ion: 45 Resp: 21733
Ion Ratio Lower Upper
45 100
46 0.0 14.5 57.9#

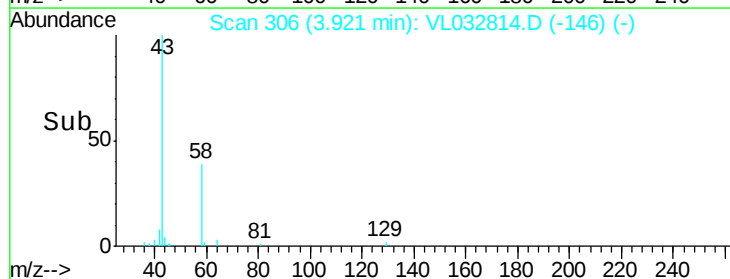
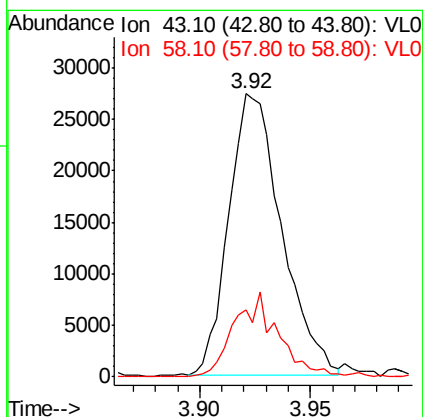
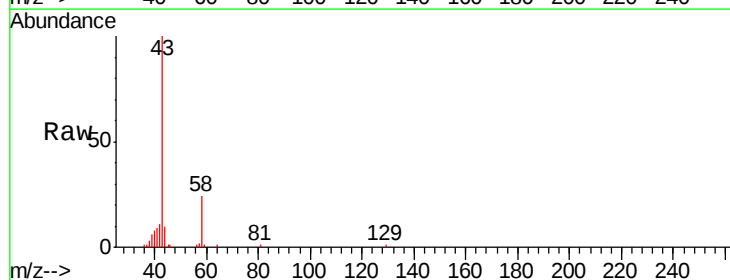
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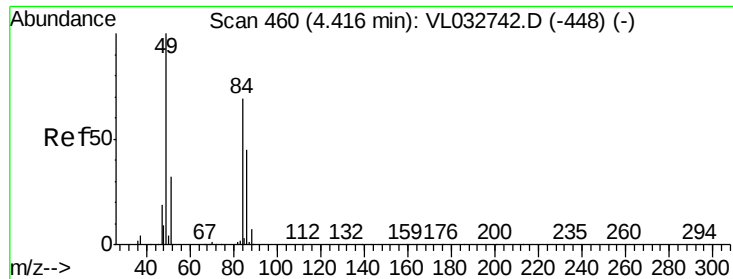
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#15
Acetone
Concen: 0.40 ppbv
RT: 3.92 min Scan# 306
Delta R.T. 0.01 min
Lab File: VL032814.D
Acq: 27 Nov 2018 19:31

Tgt Ion: 43 Resp: 45613
Ion Ratio Lower Upper
43 100
58 25.5 21.1 31.7





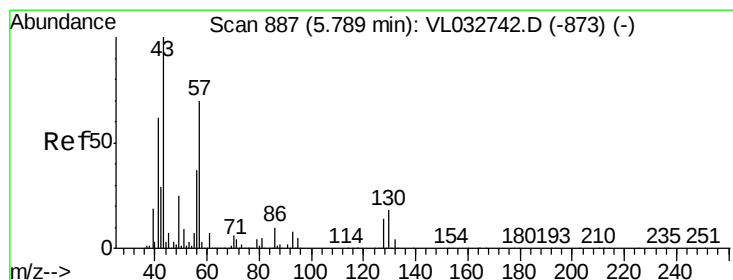
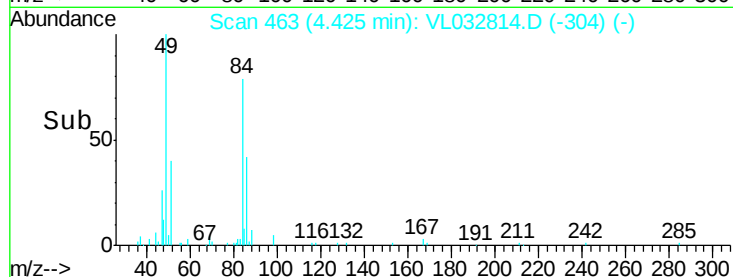
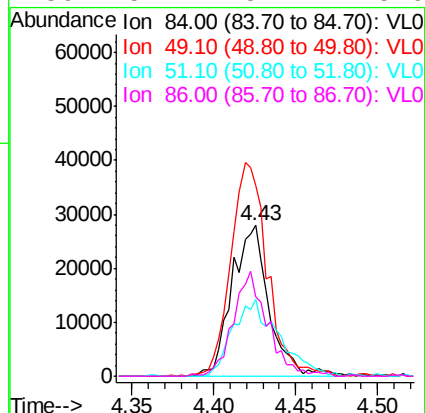
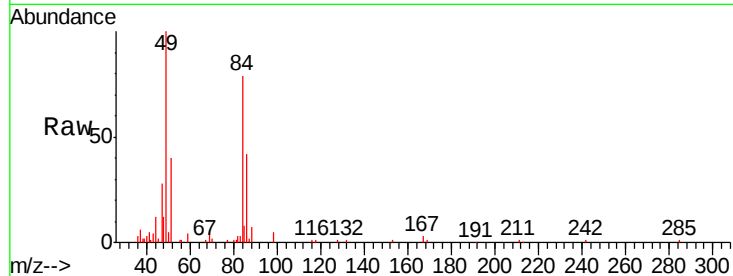
#20
Methylene Chloride
Concen: 0.74 ppbv m
RT: 4.43 min Scan# 463
Delta R.T. 0.01 min
Lab File: VL032814.D
Acq: 27 Nov 2018 19:31

Instrument :
MSVOA_L
ClientSampleId :
EP2-OA-01DL

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.4	115.8	173.6
51	51.1	36.9	55.3
86	52.7	52.4	78.6

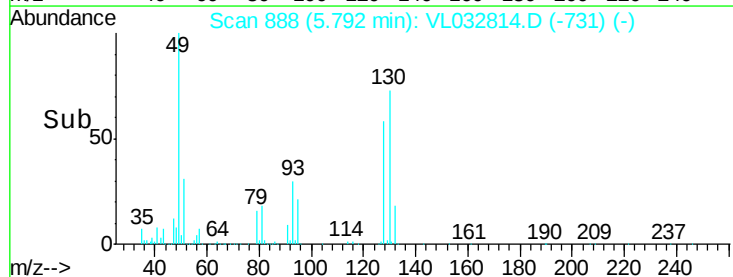
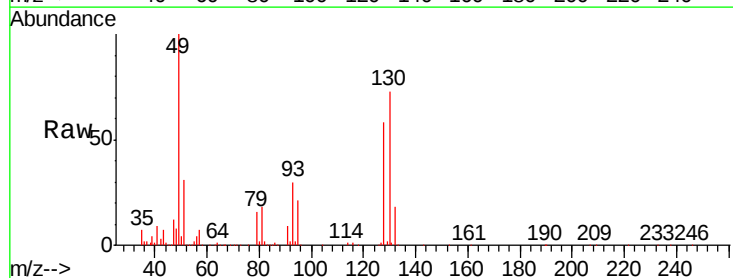
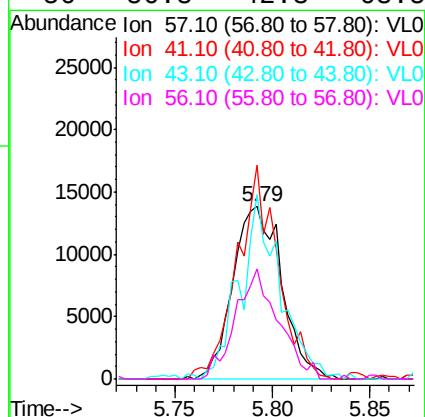
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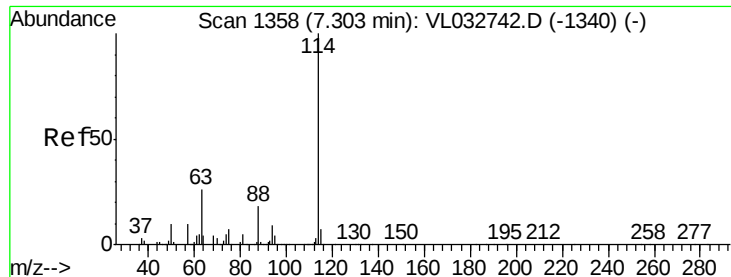
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#26
Hexane
Concen: 0.20 ppbv m
RT: 5.79 min Scan# 888
Delta R.T. 0.00 min
Lab File: VL032814.D
Acq: 27 Nov 2018 19:31

Tgt Ion	Ratio	Lower	Upper
57	100		
41	102.9	70.3	105.5
43	89.8	174.0	261.0#
56	56.8	42.3	63.5





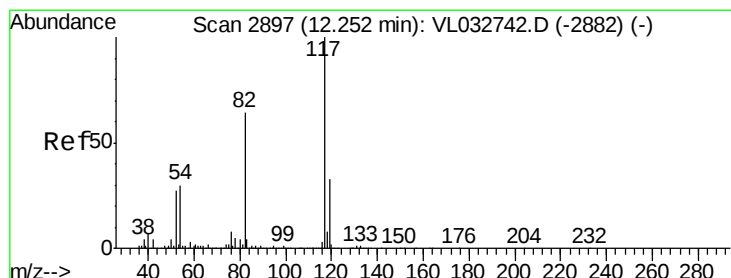
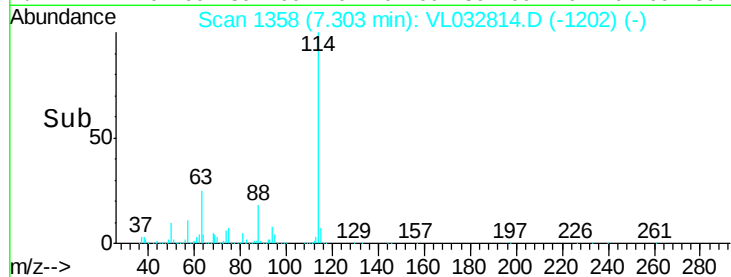
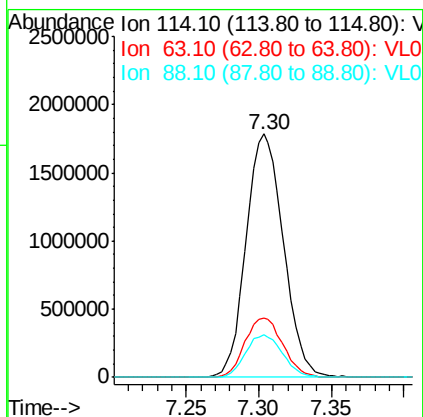
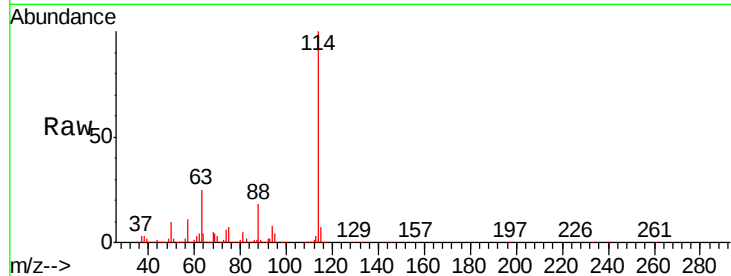
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.30 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: VL032814.D
 Acq: 27 Nov 2018 19:31

Instrument :
 MSVOA_L
 ClientSampleId :
 EP2-OA-01DL

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.1	20.9	31.3
88	17.6	14.4	21.6

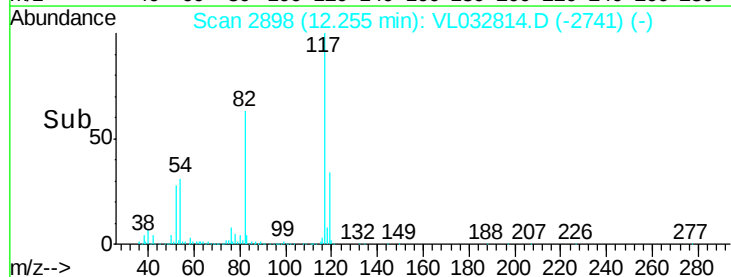
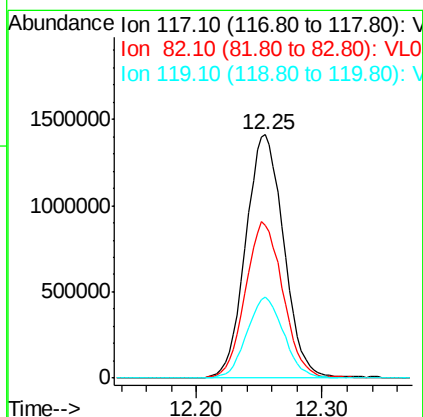
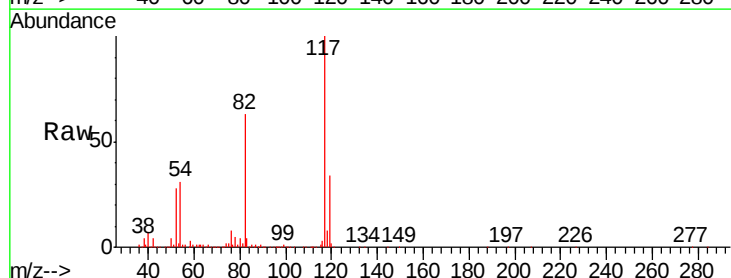
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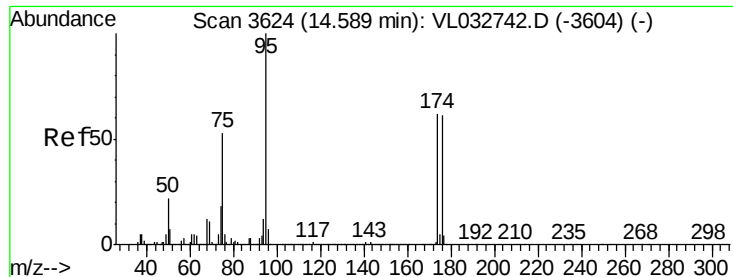
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#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.25 min Scan# 2898
 Delta R.T. 0.00 min
 Lab File: VL032814.D
 Acq: 27 Nov 2018 19:31

Tgt Ion	Ratio	Lower	Upper
117	100		
82	64.1	51.0	76.6
119	32.4	28.0	42.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.76 ppbv
 RT: 14.59 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: VL032814.D
 Acq: 27 Nov 2018 19:31

Instrument :
 MSVOA_L
 ClientSampleId :
 EP2-OA-01DL

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.9	50.7	76.1
175	5.1	3.8	5.6

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