

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080118\
 Data File : VL032335.D
 Acq On : 1 Aug 2018 23:17
 Operator : SY/AP
 Sample : J4235-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CUBICLE-I630DL

Manual Integrations
 APPROVED

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 8/2/2018 2:05:00 PM

Quant Time: Aug 02 12:39:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 27 2018
 QLast Update : Fri Jul 27 07:05:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.82	49	1919004	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.36	114	4627600	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.32	117	4551232	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.66	95	3648682	10.33	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.08	41	39618	0.46	ppbv	92
13) Ethanol	3.69	45	454161	18.32	ppbv	97
15) Acetone	3.96	43	379450	2.10	ppbv	93
19) Isopropyl Alcohol	4.08	45	118411m	0.98	ppbv	
20) Methylene Chloride	4.46	84	26544	0.37	ppbv #	96
26) Hexane	5.84	57	67749	0.37	ppbv #	51

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

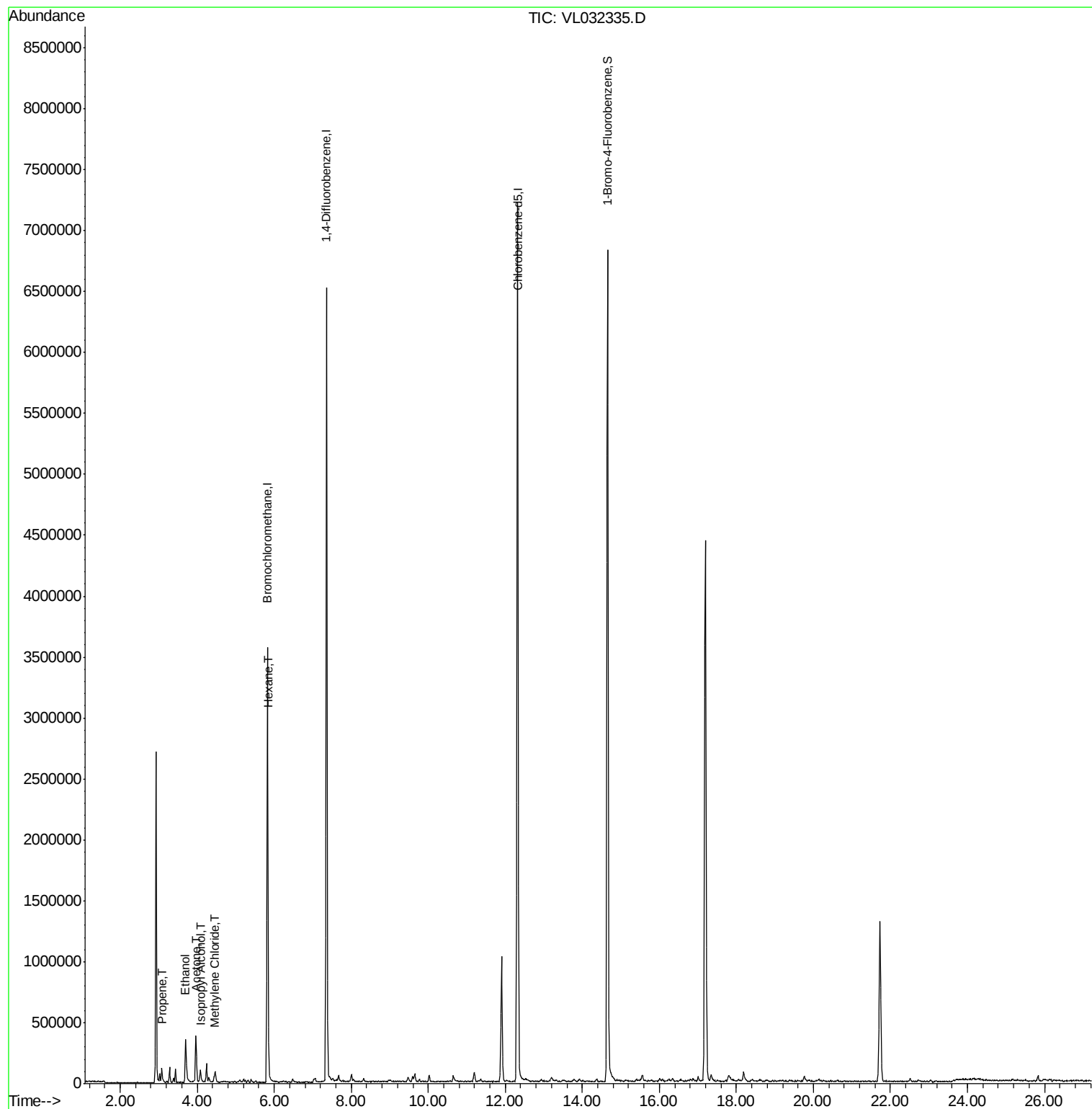
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL080118\
Data File : VL032335.D
Acq On : 1 Aug 2018 23:17
Operator : SY/AP
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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

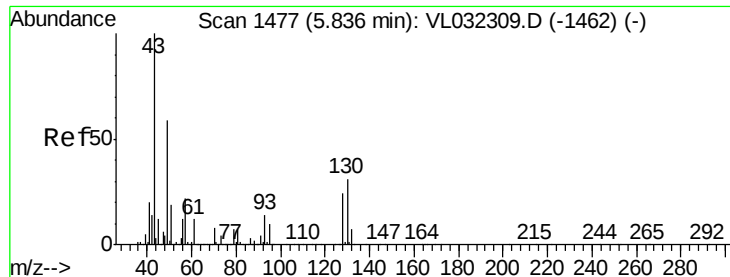
Instrument :
MSVOA_L
ClientSampleId :
CUBICLE-I630DL

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QLast Update : Fri Jul 27 07:05:37 2018
Response via : Initial Calibration





#1

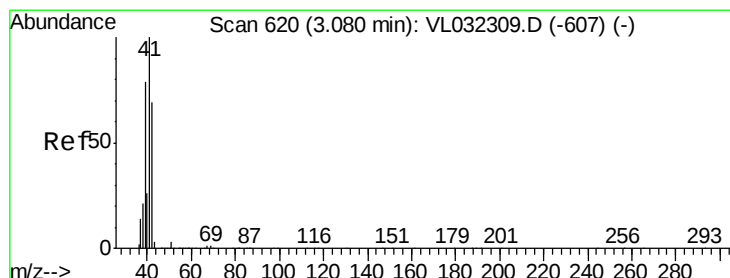
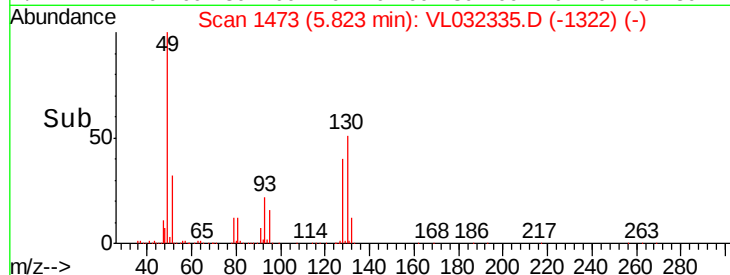
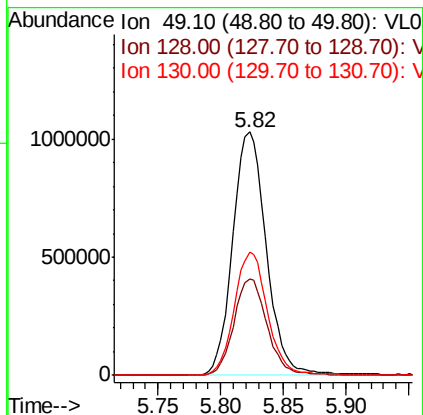
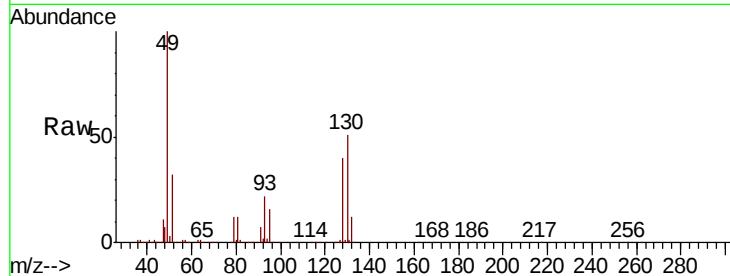
Bromochloromethane
 Concen: 10.00 ppbv
 RT: 5.82 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: VL032335.D
 Acq: 1 Aug 2018 23:17

Instrument :
 MSVOA_L
 ClientSampleId :
 CUBICLE-I630DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	39.4	20.2	60.6
130	51.0	25.8	77.3

Manual Integrations
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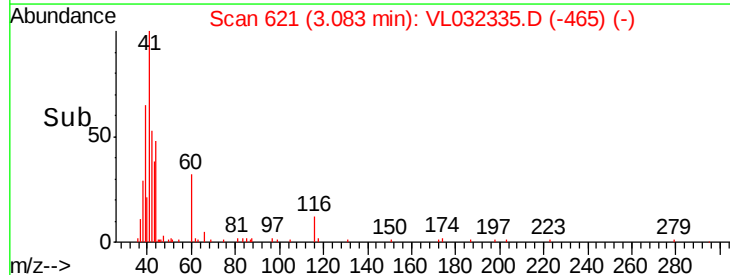
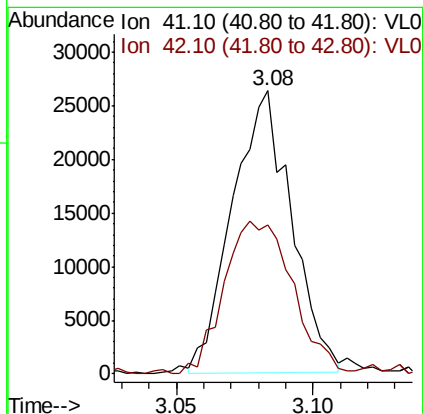
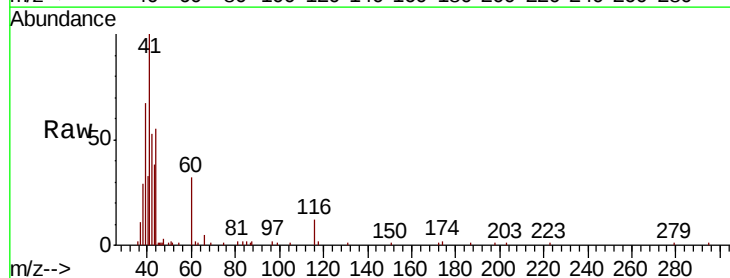
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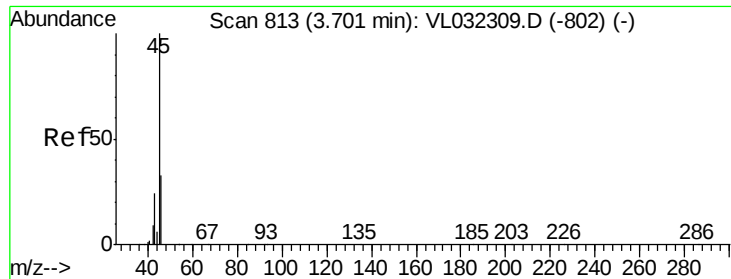


#9

Propene
 Concen: 0.46 ppbv
 RT: 3.08 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: VL032335.D
 Acq: 1 Aug 2018 23:17

Tgt Ion	Ratio	Lower	Upper
41	100		
42	64.3	56.8	85.2





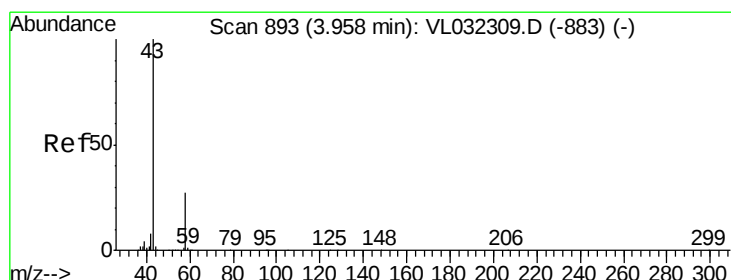
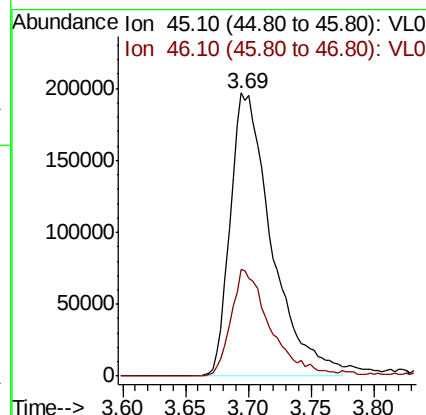
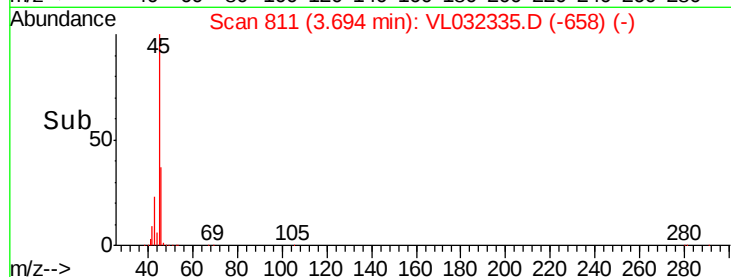
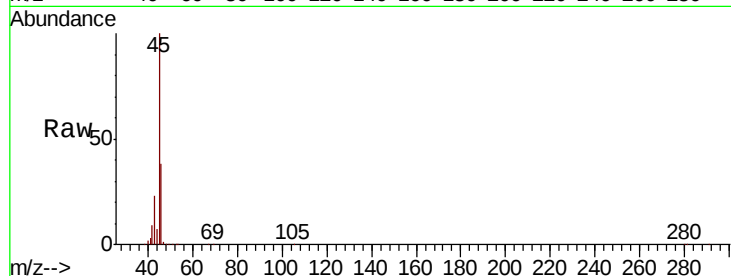
#13
Ethanol
Concen: 18.32 ppbv
RT: 3.69 min Scan# 811
Delta R.T. -0.01 min
Lab File: VL032335.D
Acq: 1 Aug 2018 23:17

Instrument :
MSVOA_L
ClientSampleId :
CUBICLE-I630DL

Tot Ion	45	Resp	454161
Ion Ratio	100	Lower	Upper
46	36.4	15.2	60.6

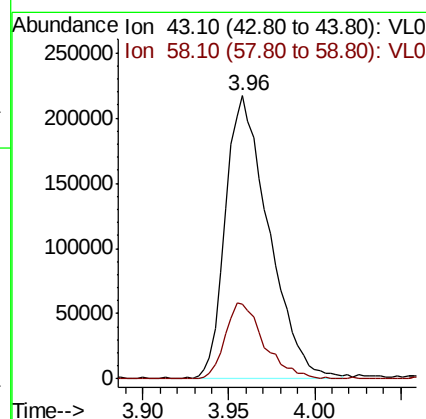
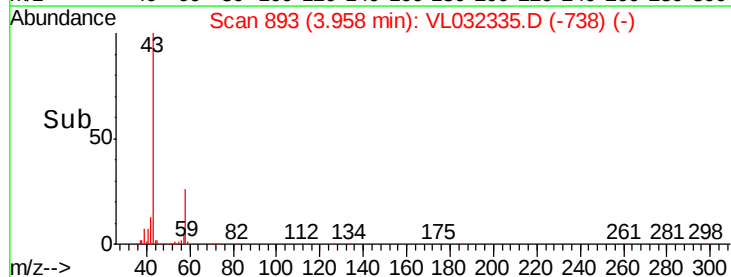
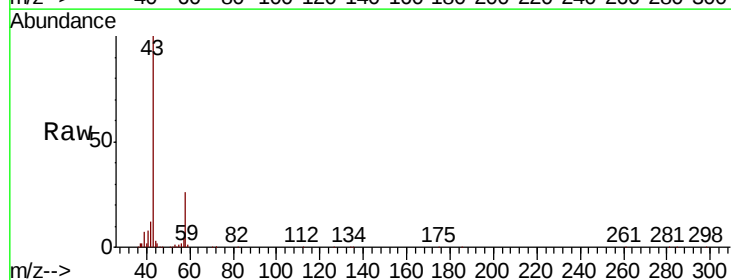
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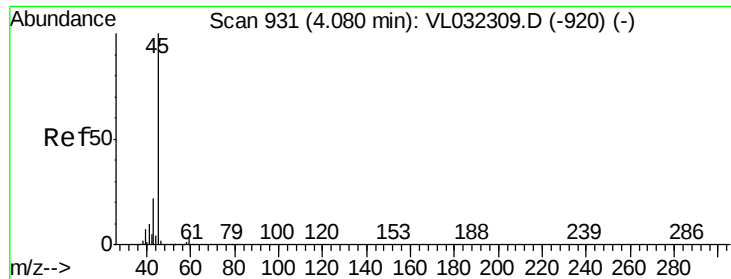
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#15
Acetone
Concen: 2.10 ppbv
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VL032335.D
Acq: 1 Aug 2018 23:17

Tgt Ion	43	Resp	379450
Ion Ratio	100	Lower	Upper
58	24.4	22.5	33.7





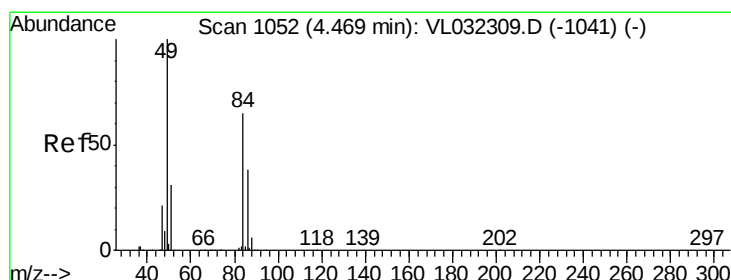
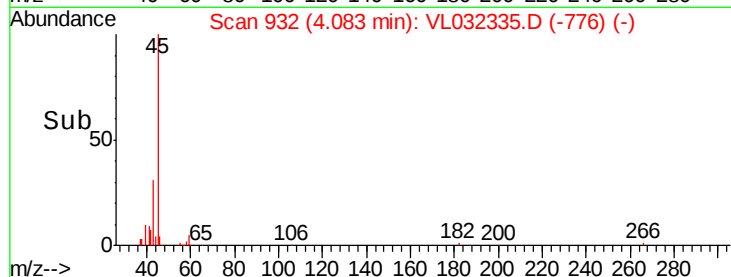
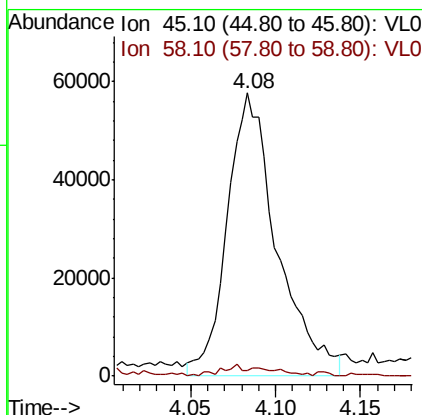
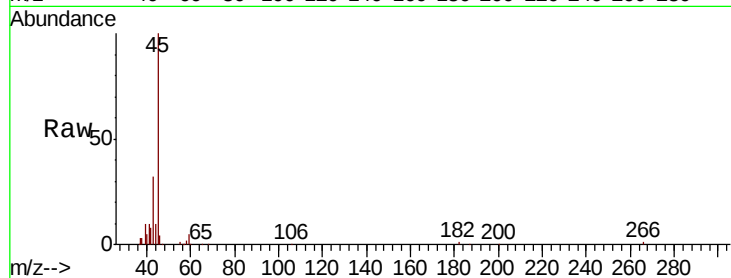
#19
Isopropyl Alcohol
Concen: 0.98 ppbv m
RT: 4.08 min Scan# 932
Delta R.T. 0.00 min
Lab File: VL032335.D
Acq: 1 Aug 2018 23:17

Instrument :
MSVOA_L
ClientSampleId :
CUBICLE-I630DL

Tot Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.5	2.3#

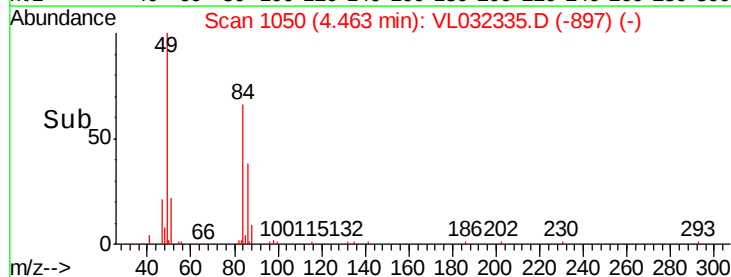
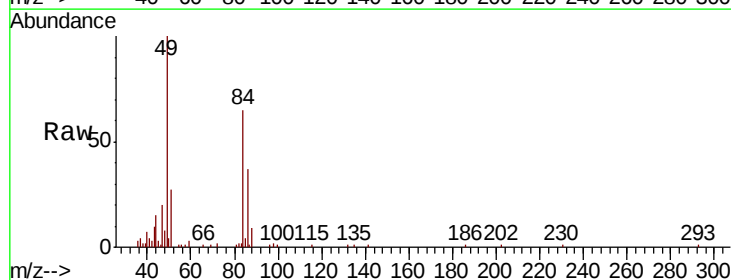
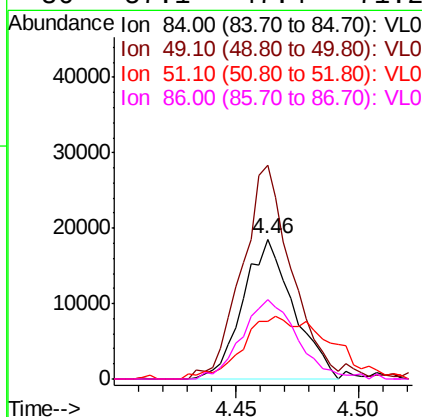
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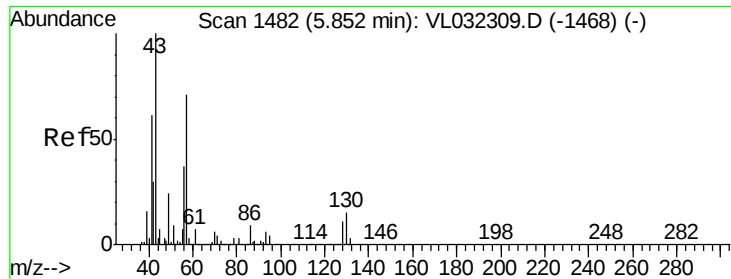
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#20
Methylene Chloride
Concen: 0.37 ppbv
RT: 4.46 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VL032335.D
Acq: 1 Aug 2018 23:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	153.0	123.4	185.0
51	37.9	38.2	57.2#
86	57.1	47.4	71.2





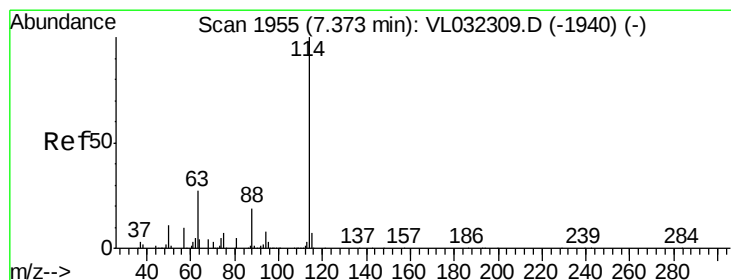
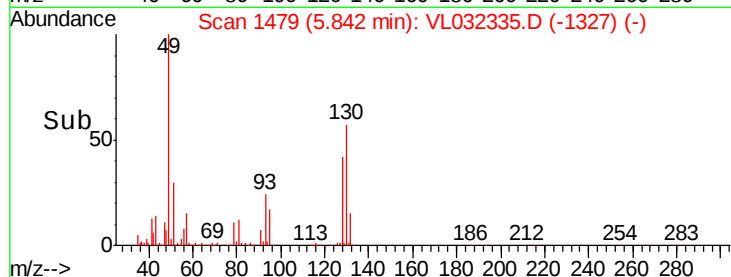
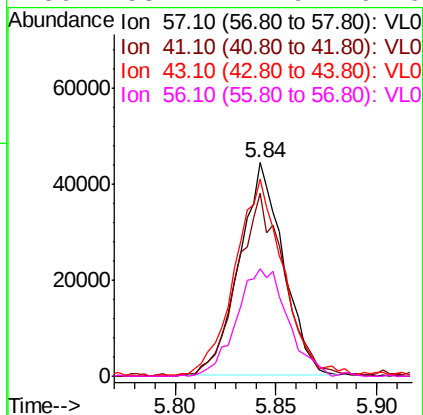
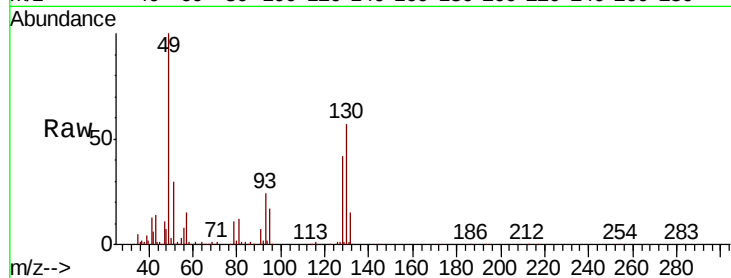
#26
Hexane
Concen: 0.37 ppbv
RT: 5.84 min Scan# 1479
Delta R.T. -0.01 min
Lab File: VL032335.D
Acq: 1 Aug 2018 23:17

Instrument :
MSVOA_L
ClientSampleId :
CUBICLE-I630DL

Tot Ion	57	Resp	67749
Ion	Ratio	Lower	Upper
57	100		
41	95.1	68.1	102.1
43	103.0	177.4	266.2#
56	58.7	41.9	62.9

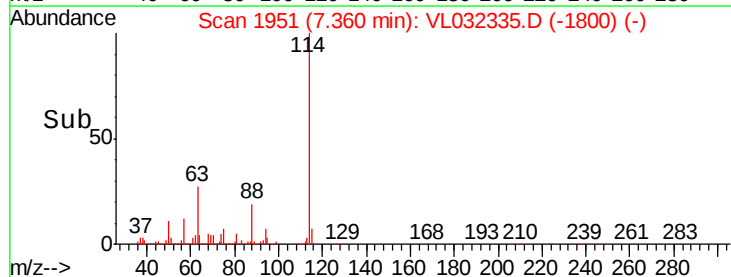
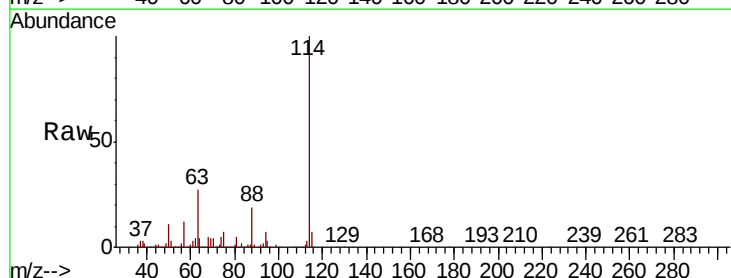
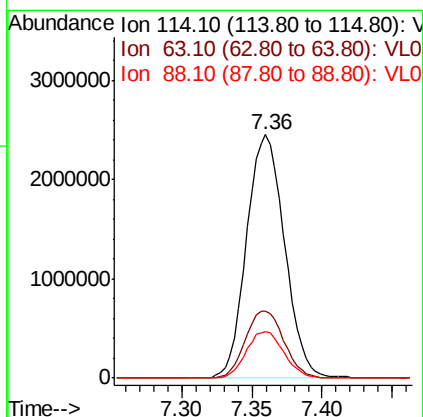
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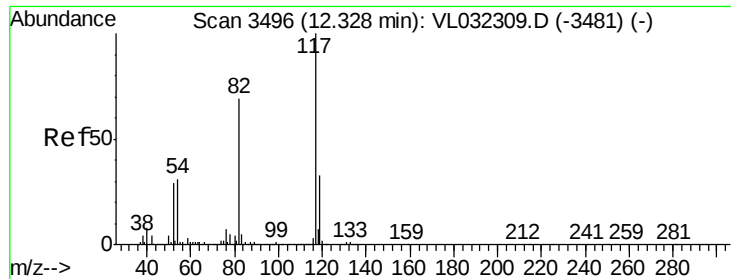
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#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.36 min Scan# 1951
Delta R.T. -0.01 min
Lab File: VL032335.D
Acq: 1 Aug 2018 23:17

Tgt Ion	114	Resp	4627600
Ion	Ratio	Lower	Upper
114	100		
63	28.3	22.4	33.6
88	19.1	15.3	22.9





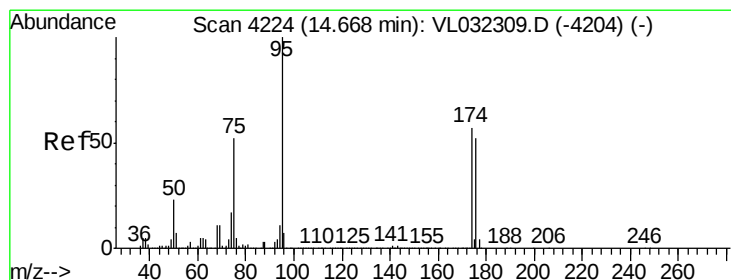
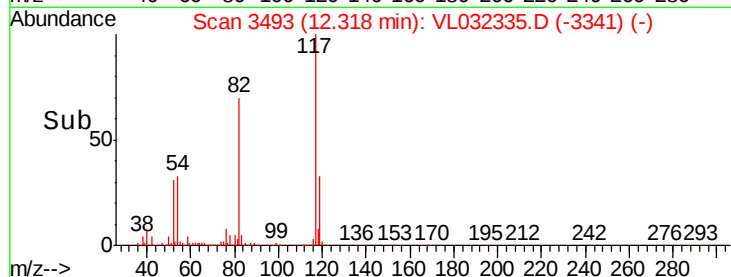
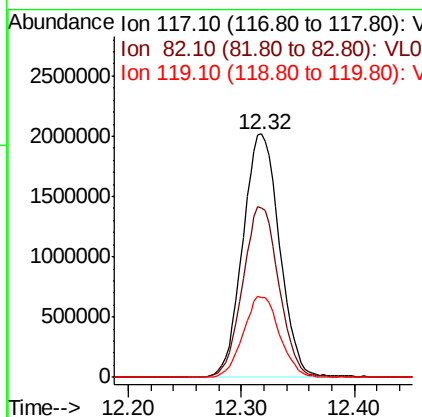
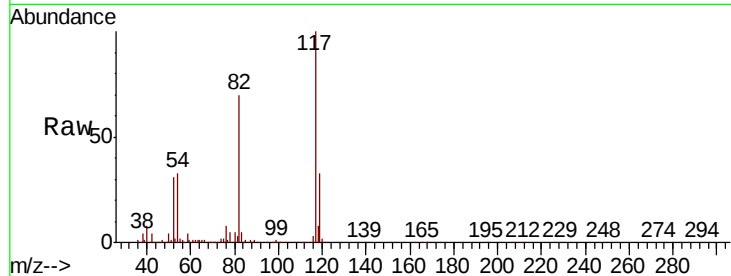
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.32 min Scan# 3493
Delta R.T. -0.01 min
Lab File: VL032335.D
Acq: 1 Aug 2018 23:17

Instrument :
MSVOA_L
ClientSampleId :
CUBICLE-I630DL

Tot Ion:117 Resp: 4551232
Ion Ratio Lower Upper
117 100
82 69.6 52.6 78.8
119 33.1 25.7 38.5

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.33 ppbv
RT: 14.66 min Scan# 4220
Delta R.T. -0.01 min
Lab File: VL032335.D
Acq: 1 Aug 2018 23:17

Tgt Ion: 95 Resp: 3648682
Ion Ratio Lower Upper
95 100
174 55.3 45.5 68.3
175 4.1 3.3 4.9

