

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032919\
 Data File : VL033518.D
 Acq On : 30 Mar 2019 1:36
 Operator : SY/AP
 Sample : K2042-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-8-RM-NEXT-TO-CST-ROOMDL

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:03:26 AM

Quant Time: Mar 30 03:43:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 2
 QLast Update : Tue Mar 26 16:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	829517	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1907565	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1873679	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1421974	9.68	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.80%

Target Compounds					Ovalue
9) Propene	3.05	41	8423m	0.210	ppbv
13) Ethanol	3.65	45	417732	40.251	ppbv 64
15) Acetone	3.90	43	131651	1.320	ppbv 98
19) Isopropyl Alcohol	4.03	45	61109	0.969	ppbv # 93
20) Methylene Chloride	4.41	84	22381	0.529	ppbv 87
26) Hexane	5.78	57	15180m	0.184	ppbv
38) Trichloroethene	7.96	130	7434m	0.123	ppbv
53) Toluene	9.94	91	66774	0.359	ppbv 97

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

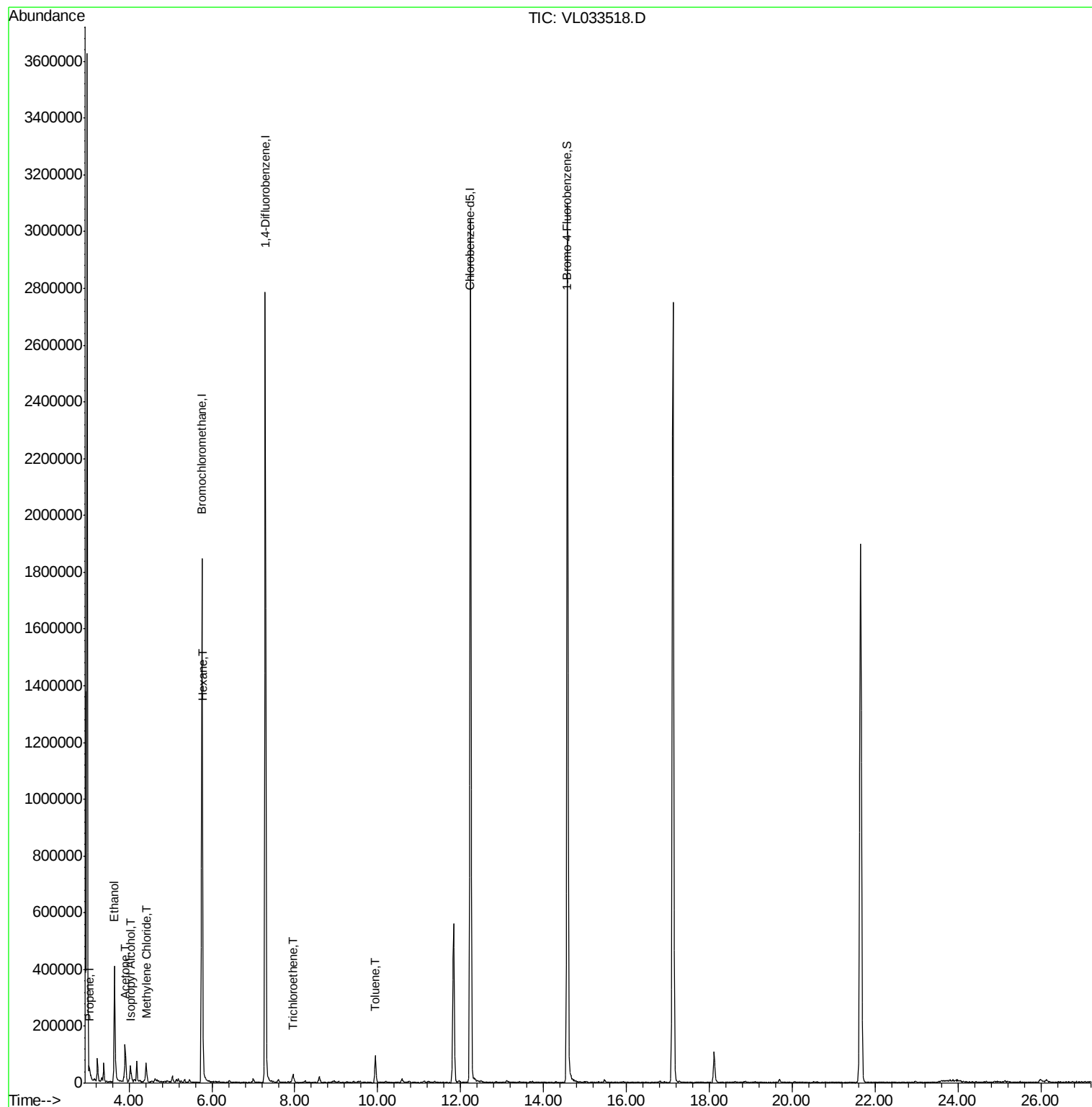
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032919\
Data File : VL033518.D
Acq On : 30 Mar 2019 1:36
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ALS Vial : 1 Sample Multiplier: 1

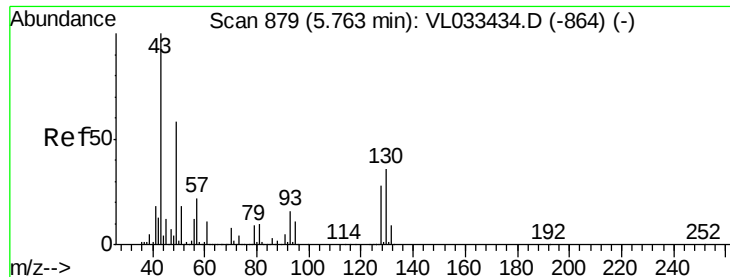
Instrument :
MSVOA_L
ClientSampleId :
SG-8-RM-NEXT-TO-CST-ROOMDL

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.00 min

Lab File: VL033518.D

Acq: 30 Mar 2019 1:36

Instrument :

MSVOA_L

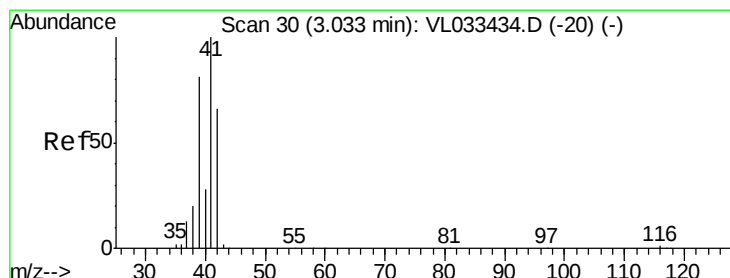
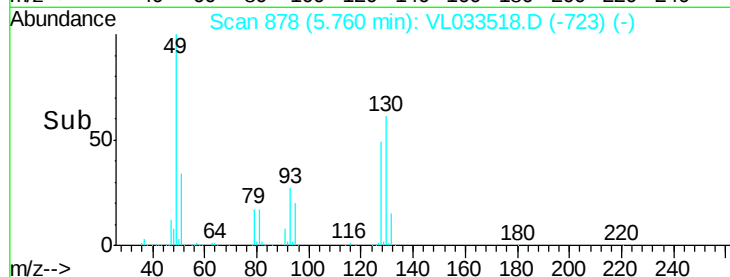
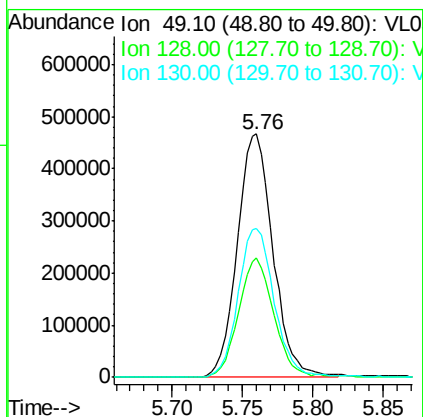
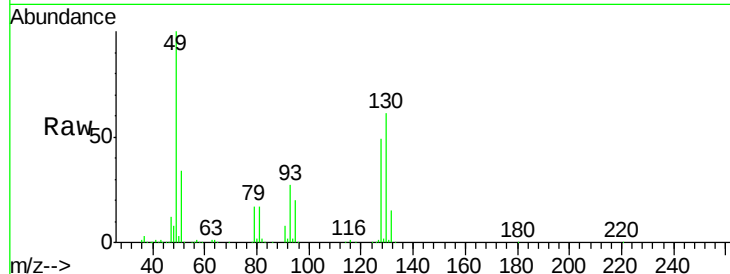
ClientSampleId :

SG-8-RM-NEXT-TO-CST-ROOMDL

Tot Ion:	49	Resp:	829517
Ion Ratio	Lower	Upper	
49	100		
128	48.7	24.0	72.0
130	62.3	31.2	93.6

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#9

Propene

Concen: 0.210 ppbv m

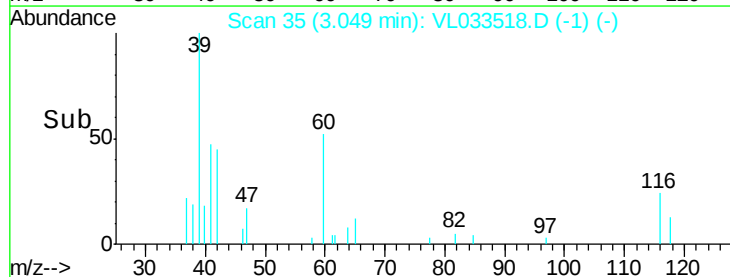
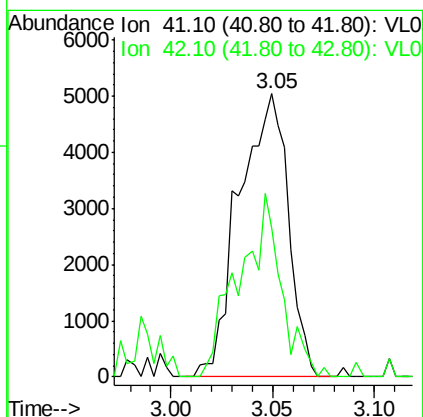
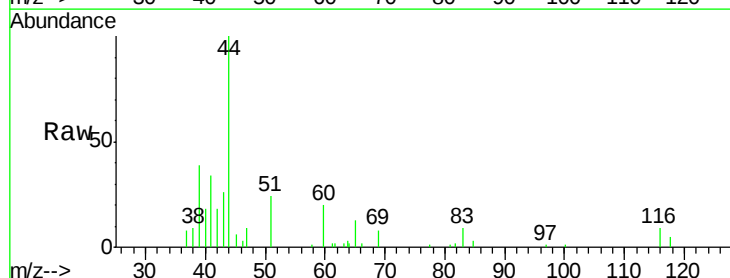
RT: 3.05 min Scan# 35

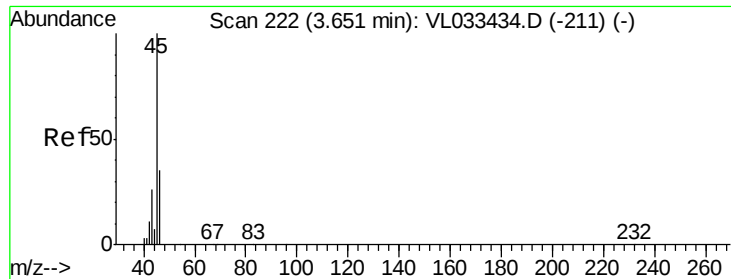
Delta R.T. 0.02 min

Lab File: VL033518.D

Acq: 30 Mar 2019 1:36

Tgt Ion:	41	Resp:	8423
Ion Ratio	Lower	Upper	
41	100		
42	56.6	53.9	80.9





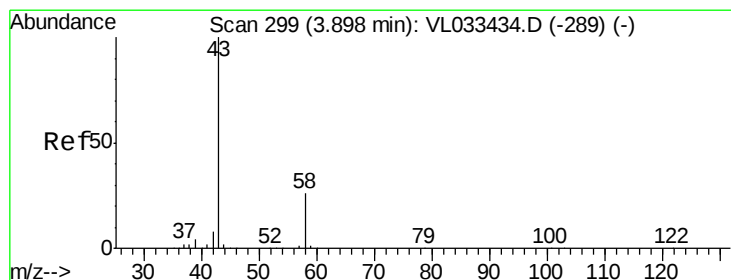
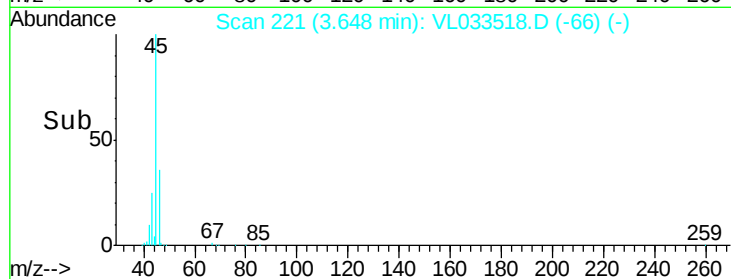
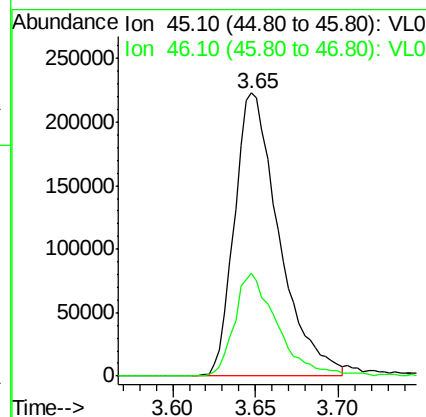
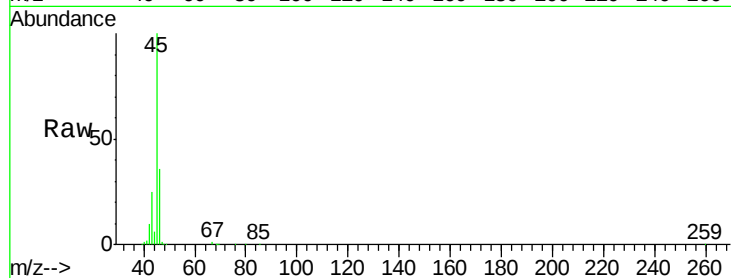
#13
Ethanol
Concen: 40.251 ppbv
RT: 3.65 min Scan# 221
Delta R.T. -0.00 min
Lab File: VL033518.D
Acq: 30 Mar 2019 1:36

Instrument :
MSVOA_L
ClientSampleId :
SG-8-RM-NEXT-TO-CST-ROOMDL

Tot Ion: 45 Resp: 417732
Ion Ratio Lower Upper
45 100
46 35.7 25.4 101.8

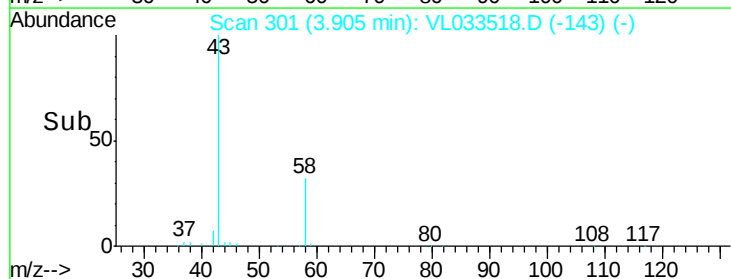
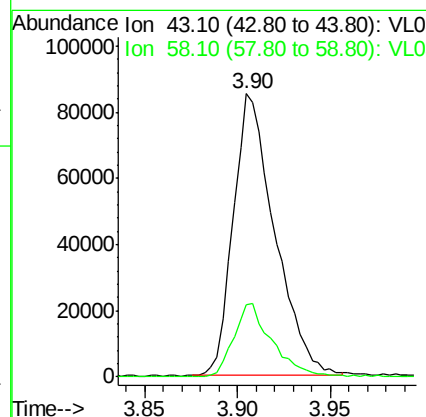
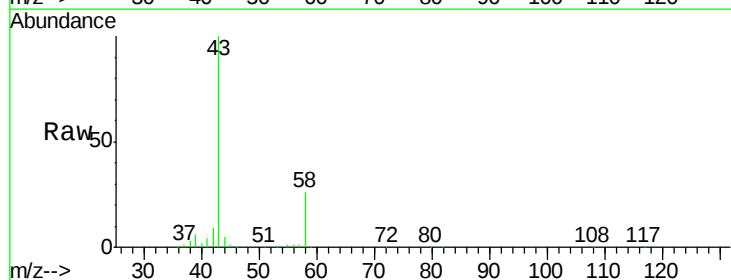
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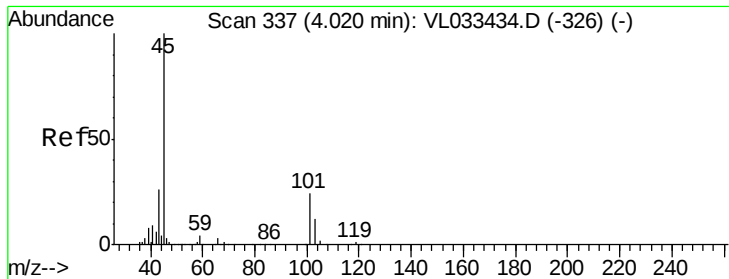
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#15
Acetone
Concen: 1.320 ppbv
RT: 3.90 min Scan# 301
Delta R.T. 0.01 min
Lab File: VL033518.D
Acq: 30 Mar 2019 1:36

Tgt Ion: 43 Resp: 131651
Ion Ratio Lower Upper
43 100
58 24.5 20.5 30.7





#19

Isopropyl Alcohol

Concen: 0.969 ppbv

RT: 4.03 min Scan# 340

Delta R.T. 0.01 min

Lab File: VL033518.D

Acq: 30 Mar 2019 1:36

Instrument :

MSVOA_L

ClientSampleId :

SG-8-RM-NEXT-TO-CST-ROOMDL

Tot Ion: 45 Resp: 61109

Ion Ratio Lower Upper

45 100

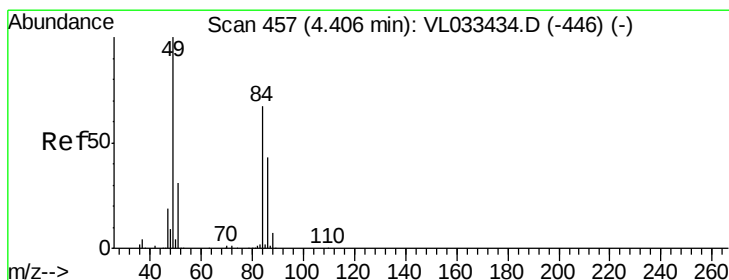
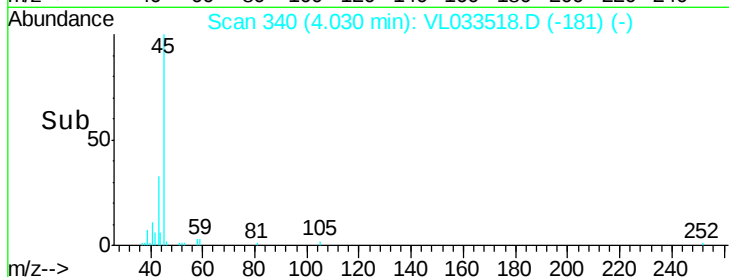
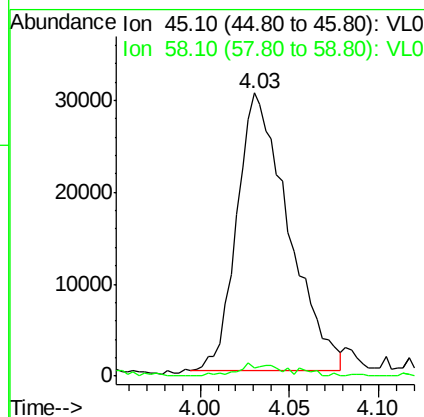
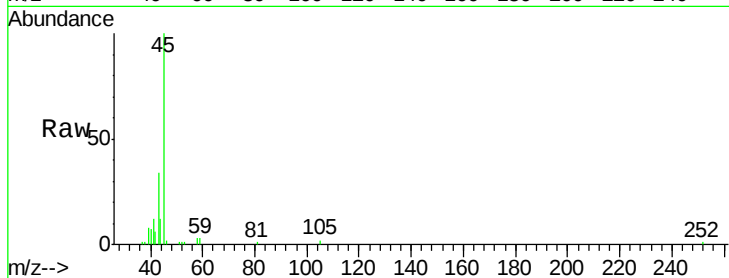
58 4.3 1.4 2.2#

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#20

Methylene Chloride

Concen: 0.529 ppbv

RT: 4.41 min Scan# 459

Delta R.T. 0.01 min

Lab File: VL033518.D

Acq: 30 Mar 2019 1:36

Tgt Ion: 84 Resp: 22381

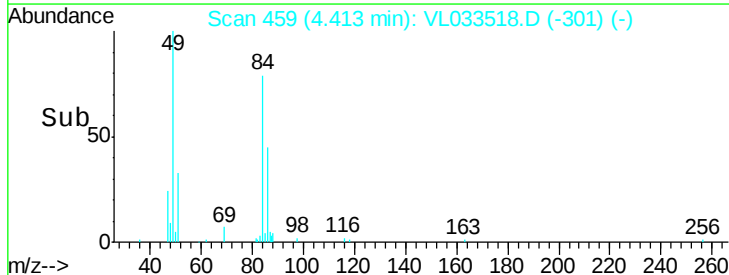
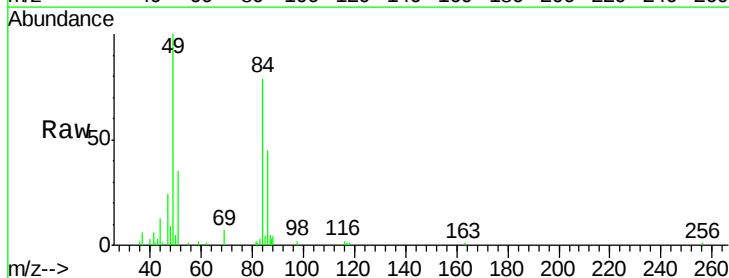
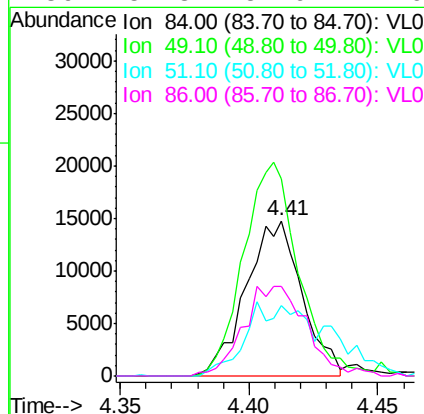
Ion Ratio Lower Upper

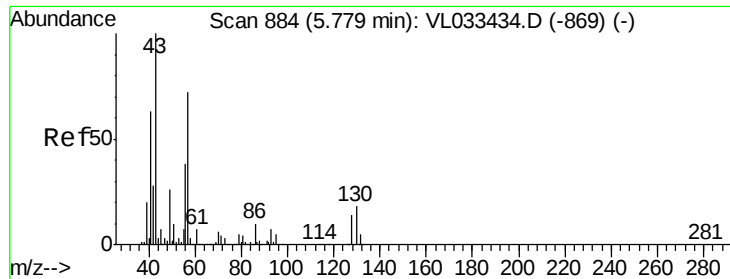
84 100

49 126.8 120.0 180.0

51 44.9 36.7 55.1

86 57.3 51.9 77.9





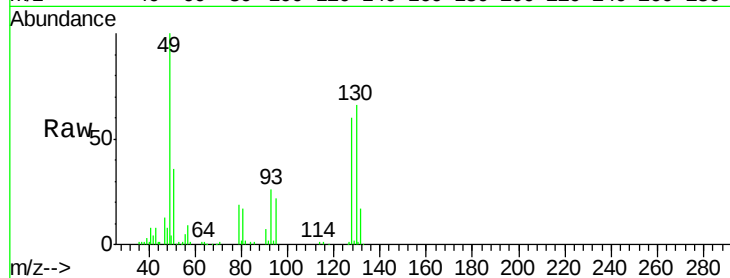
#26
Hexane
Concen: 0.184 ppbv m
RT: 5.78 min Scan# 884
Delta R.T. 0.00 min
Lab File: VL033518.D
Acq: 30 Mar 2019 1:36

Instrument :
MSVOA_L
ClientSampleId :
SG-8-RM-NEXT-TO-CST-ROOMDL

Tot Ion	Ratio	Lower	Upper
57	100		
41	106.9	70.7	106.1#
43	99.4	182.6	274.0#
56	62.8	42.0	63.0

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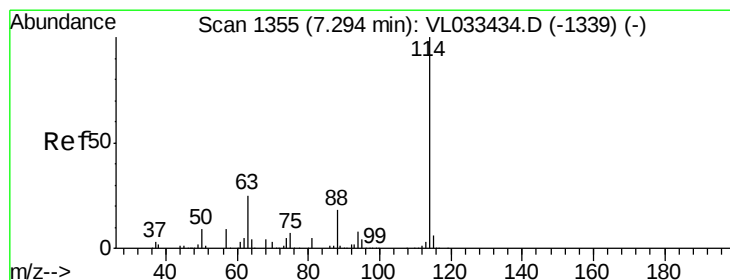
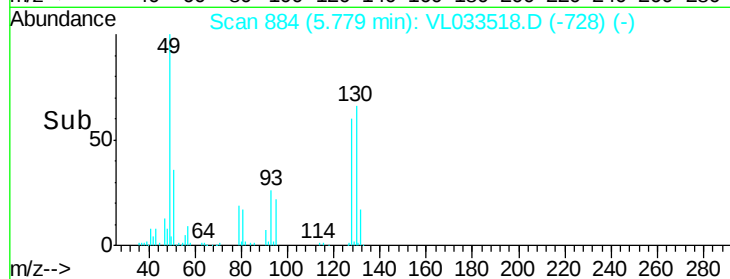
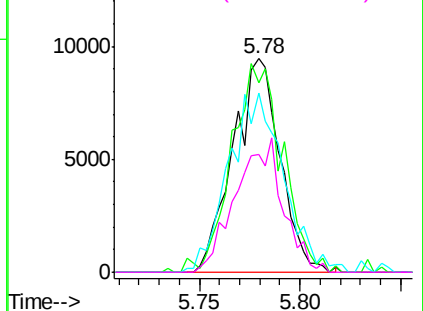
Abundance

Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

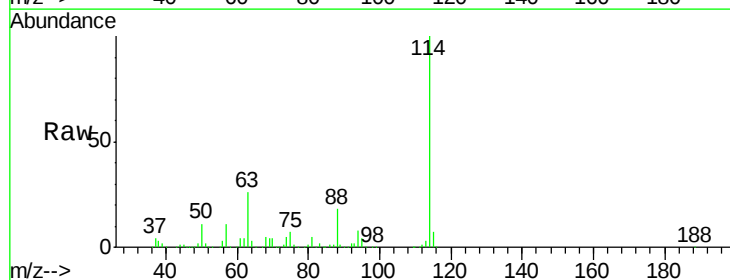
Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033518.D
Acq: 30 Mar 2019 1:36

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.1	21.5	32.3
88	18.1	14.5	21.7

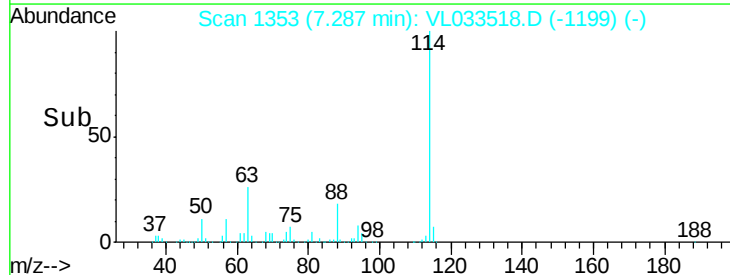
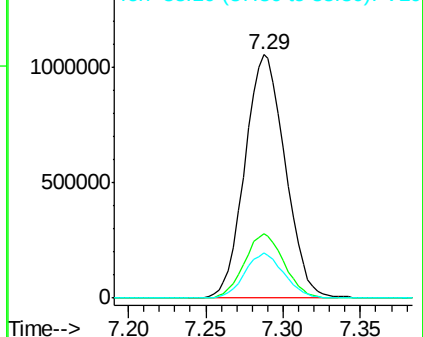


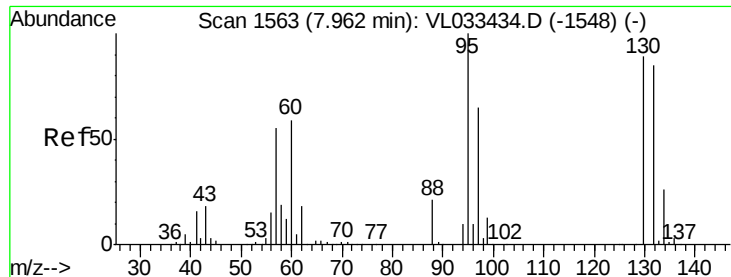
Abundance

Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





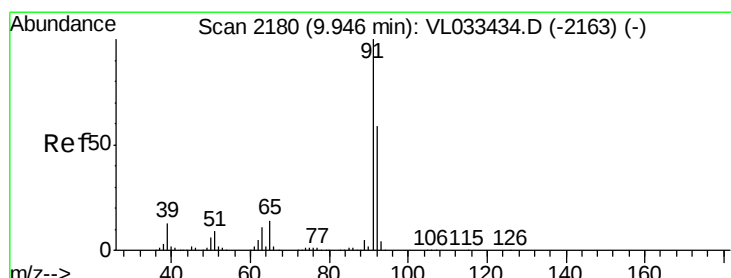
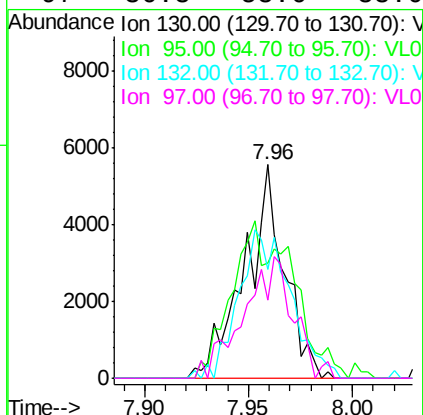
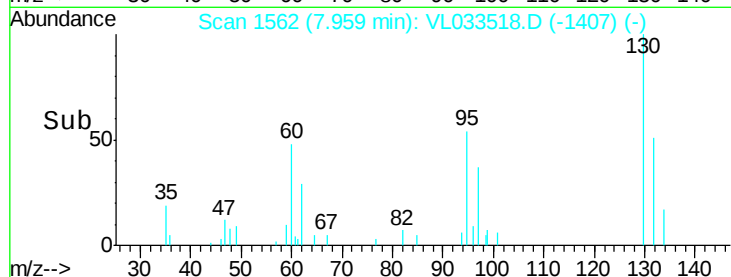
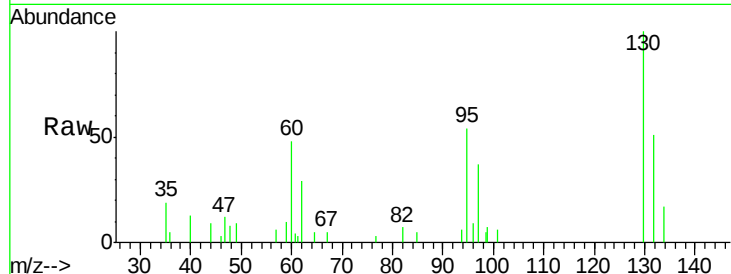
#38
 Trichloroethene
 Concen: 0.123 ppbv m
 RT: 7.96 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: VL033518.D
 Acq: 30 Mar 2019 1:36

Instrument :
 MSVOA_L
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 SG-8-RM-NEXT-TO-CST-ROOMDL

Tot Ion	Ratio	Lower	Upper
130	100		
95	53.8	89.8	134.8#
132	50.7	76.6	115.0#
97	36.8	58.6	88.0#

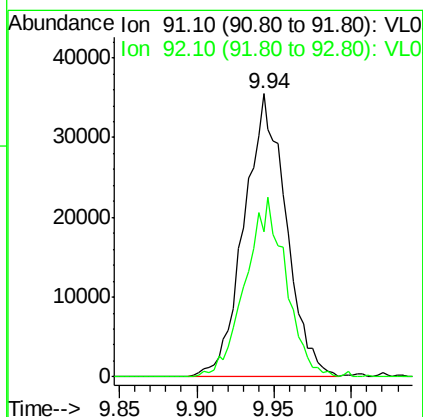
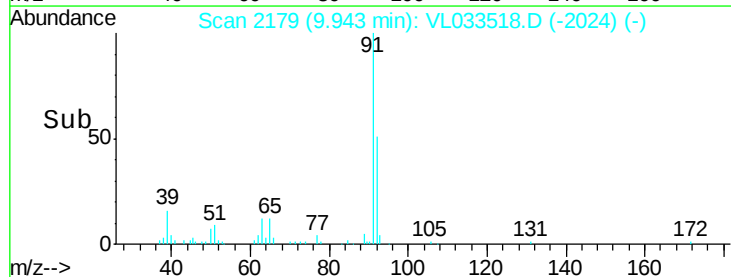
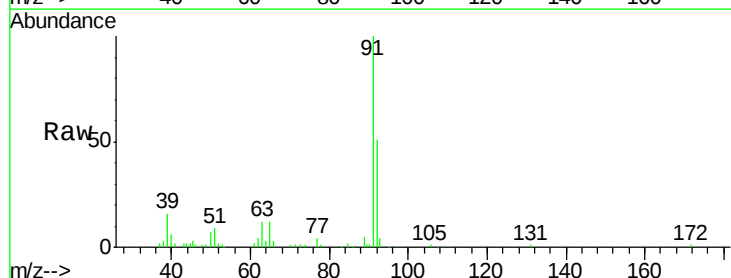
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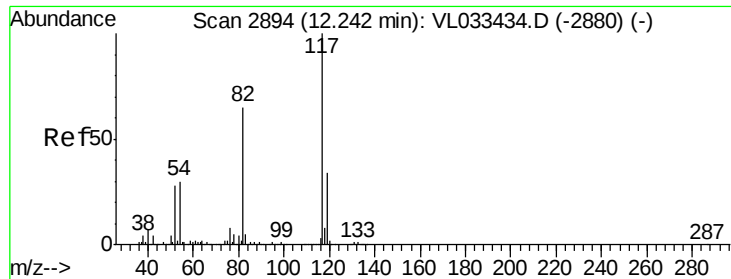
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#53
 Toluene
 Concen: 0.359 ppbv
 RT: 9.94 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: VL033518.D
 Acq: 30 Mar 2019 1:36

Tgt Ion	Ratio	Lower	Upper
91	100		
92	61.5	47.4	71.0





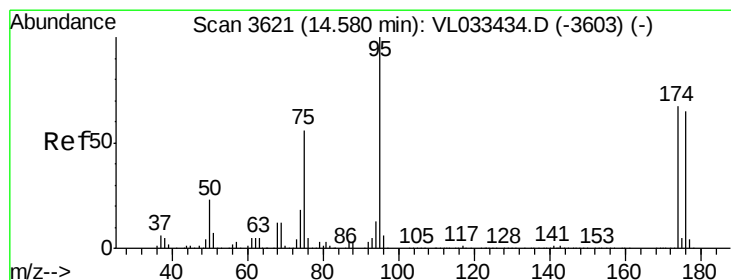
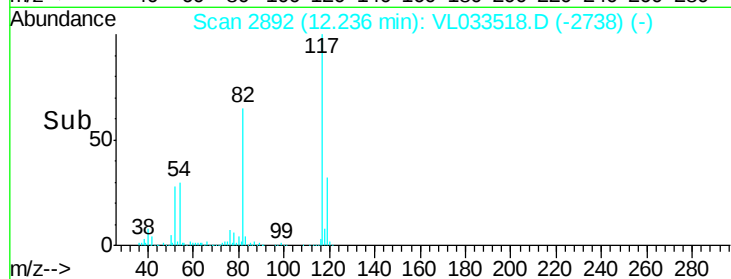
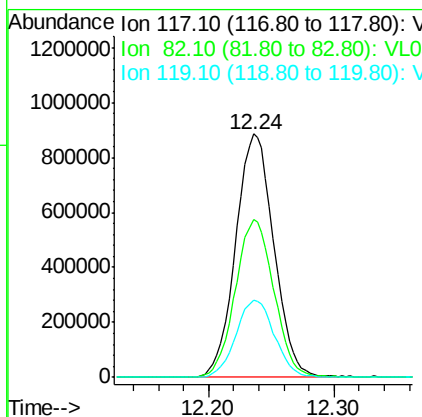
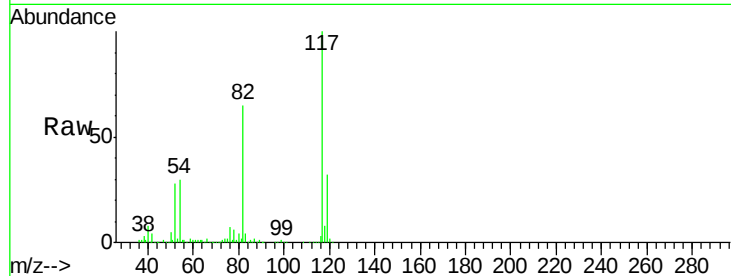
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033518.D
Acq: 30 Mar 2019 1:36

Instrument :
MSVOA_L
ClientSampleId :
SG-8-RM-NEXT-TO-CST-ROOMDL

Tot Ion:117 Resp: 1873679
Ion Ratio Lower Upper
117 100
82 66.0 51.5 77.3
119 32.3 25.5 38.3

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.681 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033518.D
Acq: 30 Mar 2019 1:36

Tgt Ion: 95 Resp: 1421974
Ion Ratio Lower Upper
95 100
174 65.9 52.9 79.3
175 4.8 3.8 5.6

