

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102519\
 Data File : VL034367.D
 Acq On : 25 Oct 2019 16:59
 Operator : SY/AP
 Sample : VBLK
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VBLK

Manual Integrations
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 10/31/2019 2:12:59 AM

Quant Time: Oct 26 00:16:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 1
 QLast Update : Thu Oct 17 05:12:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	871463	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1715068	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.14	117	1711260	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1474325	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.02	85	15425	0.103	ppbv #	80
9) Propene	3.00	41	7822m	0.173	ppbv	
13) Ethanol	3.60	45	47856	4.720	ppbv	99
15) Acetone	3.84	43	110913	0.890	ppbv	94
19) Isopropyl Alcohol	3.99	45	8102	0.117	ppbv #	1
20) Methylene Chloride	4.34	84	229254	5.087	ppbv	95
26) Hexane	5.70	57	74858	0.835	ppbv #	41
31) cis-1,2-Dichloroethene	5.56	61	8467	0.093	ppbv	97
34) 2-Butanone	5.26	43	13894m	0.099	ppbv	
38) Trichloroethene	7.87	130	8841m	0.134	ppbv	
52) Tetrachloroethene	11.28	164	319884	4.959	ppbv	97

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

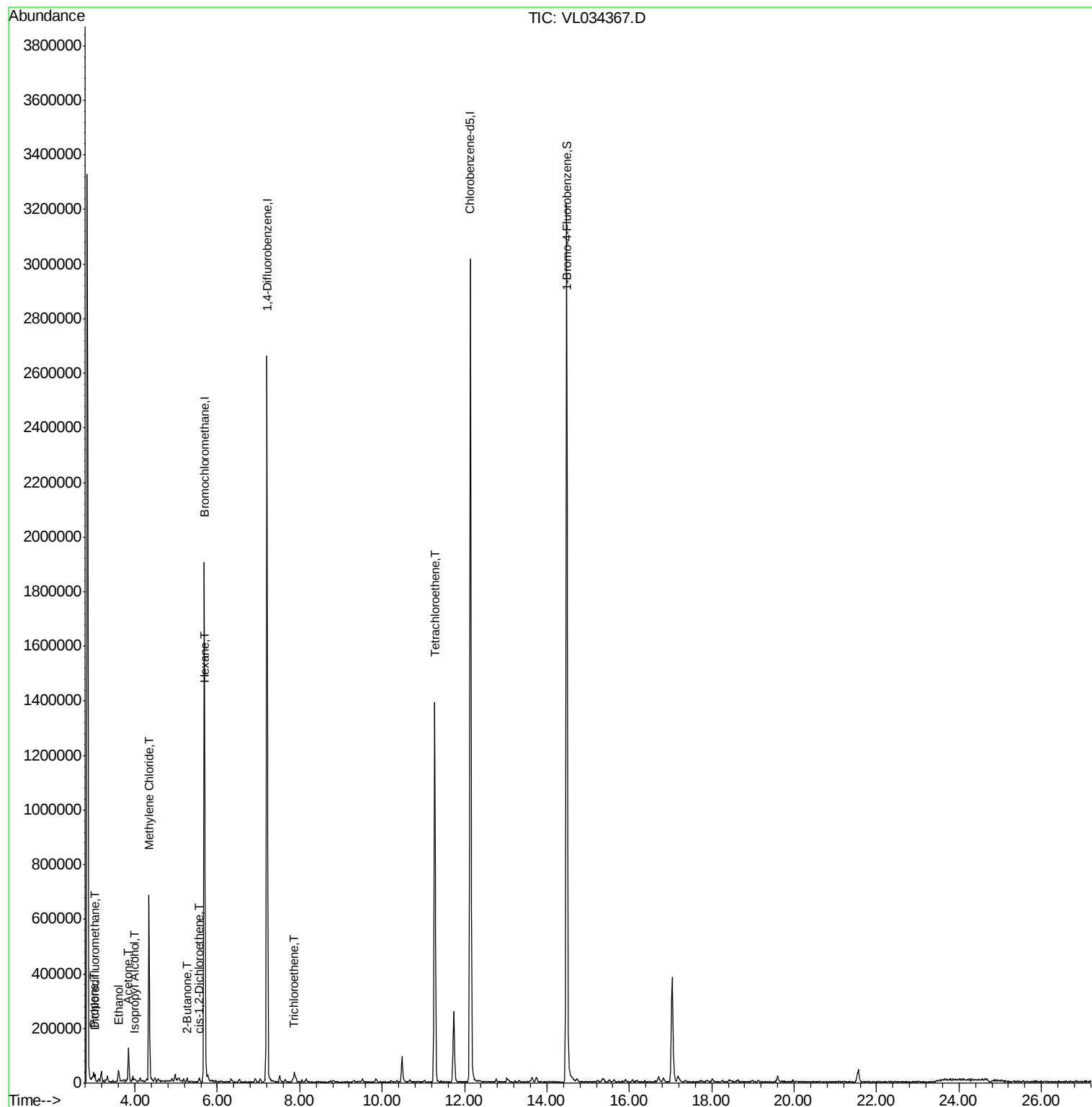
Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102519\
Data File : VL034367.D
Acq On : 25 Oct 2019 16:59
Operator : SY/AP
Sample : VBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

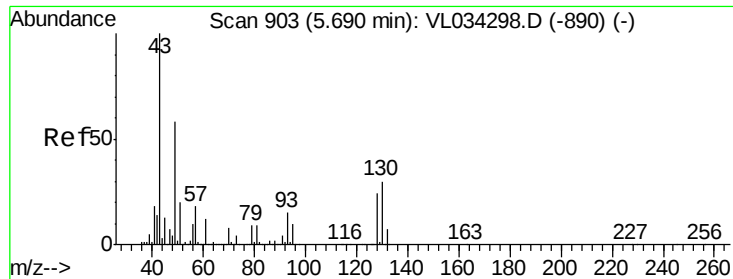
Instrument :
MSVOA_L
ClientSampleId :
VBLK

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Quant Time: Oct 26 00:16:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.01 min

Lab File: VL034367.D

Acq: 25 Oct 2019 16:59

Instrument :

MSVOA_L

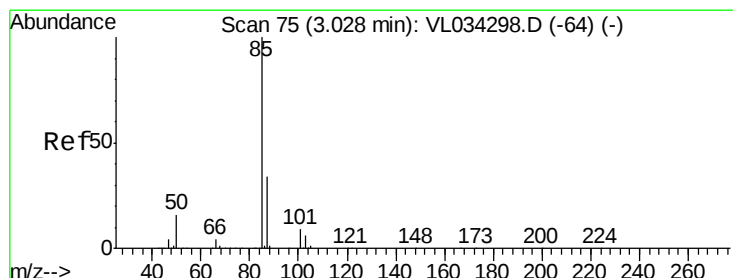
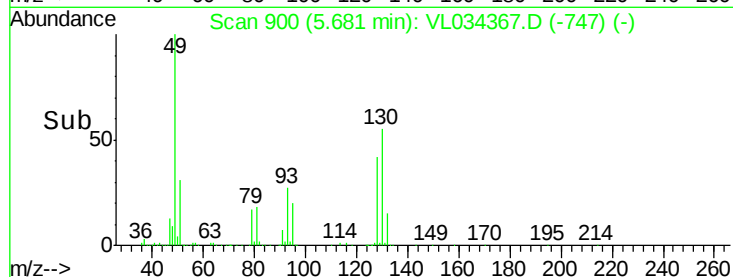
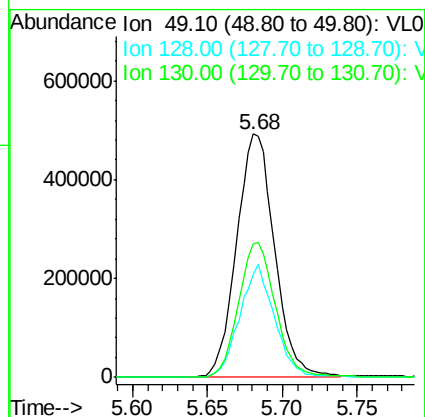
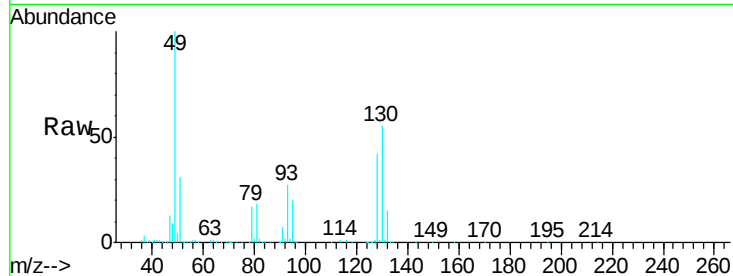
ClientSampled :

VBLK

Tgt Ion	Ratio	Lower	Upper
49	100		
128	42.7	20.6	61.8
130	54.1	26.2	78.5

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#2

Dichlorodifluoromethane

Concen: 0.103 ppbv

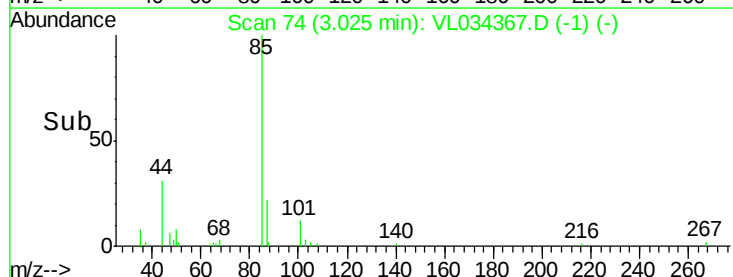
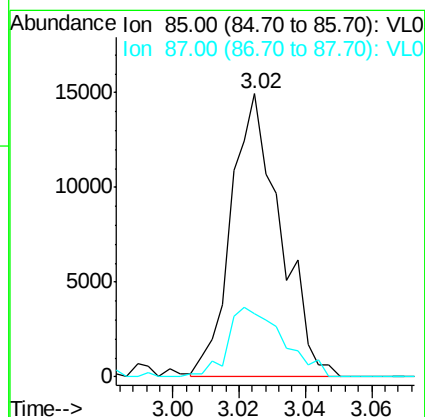
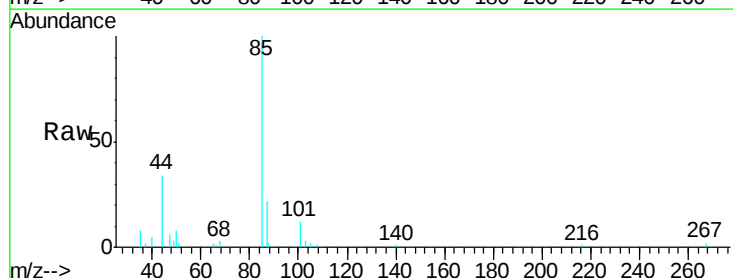
RT: 3.02 min Scan# 74

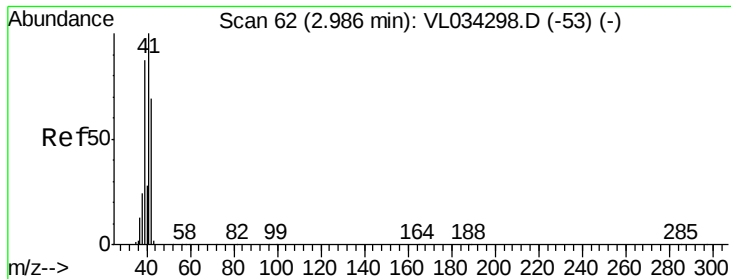
Delta R.T. -0.00 min

Lab File: VL034367.D

Acq: 25 Oct 2019 16:59

Tgt Ion	Ratio	Lower	Upper
85	100		
87	22.4	27.0	40.6





#9

Propene

Concen: 0.173 ppbv m

RT: 3.00 min Scan# 65

Delta R.T. 0.01 min

Lab File: VL034367.D

Acq: 25 Oct 2019 16:59

Instrument :

MSVOA_L

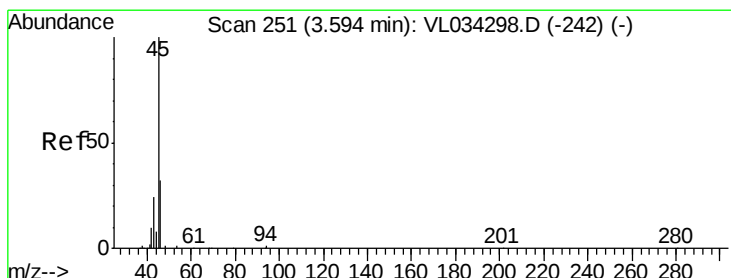
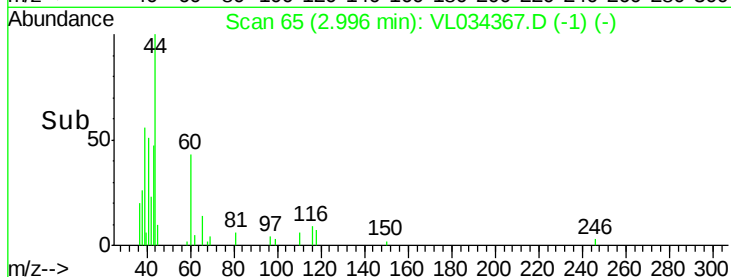
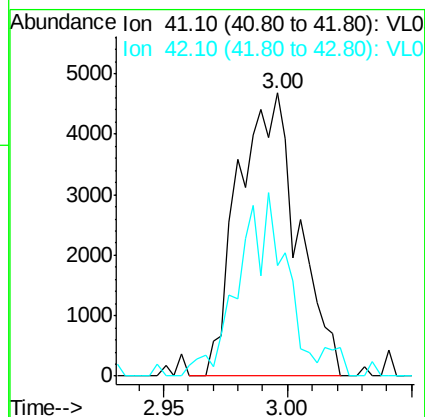
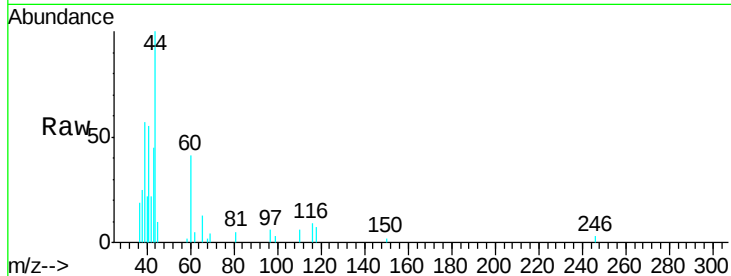
ClientSampled :

VBLK

Tgt Ion: 41 Resp: 7822
 Ion Ratio Lower Upper
 41 100
 42 0.0 53.9 80.9#

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#13

Ethanol

Concen: 4.720 ppbv

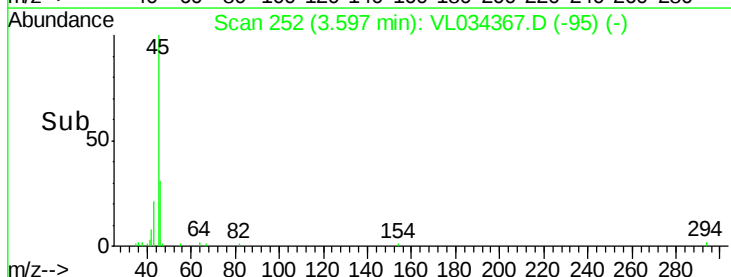
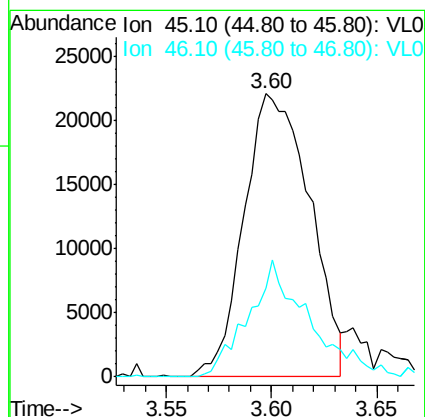
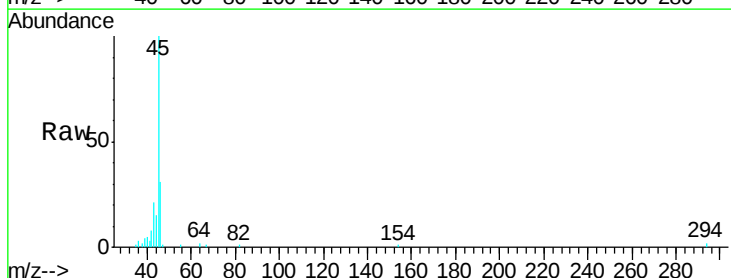
RT: 3.60 min Scan# 252

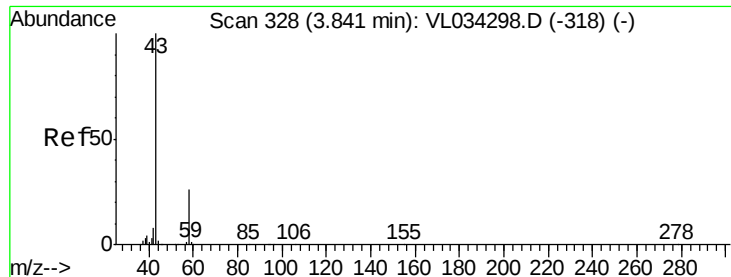
Delta R.T. 0.00 min

Lab File: VL034367.D

Acq: 25 Oct 2019 16:59

Tgt Ion: 45 Resp: 47856
 Ion Ratio Lower Upper
 45 100
 46 39.1 15.8 63.2





#15

Acetone

Concen: 0.890 ppbv

RT: 3.84 min Scan# 328

Delta R.T. 0.00 min

Lab File: VL034367.D

Acq: 25 Oct 2019 16:59

Instrument :

MSVOA_L

ClientSampled :

VLBK

Tgt Ion: 43 Resp: 110913

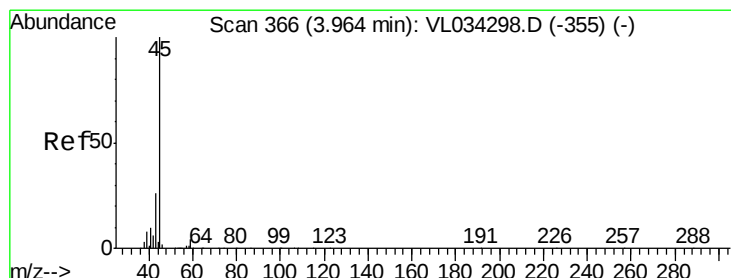
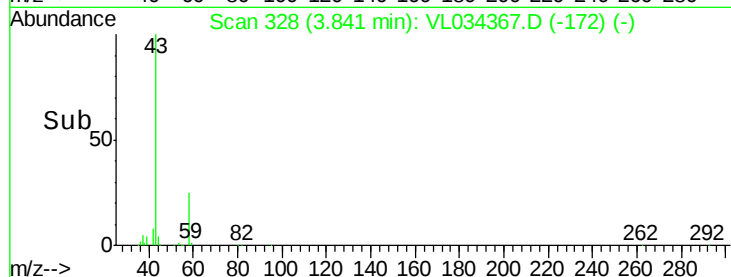
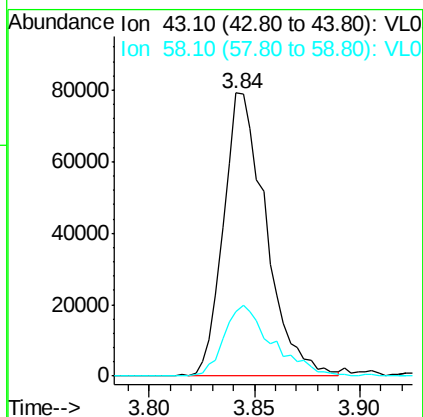
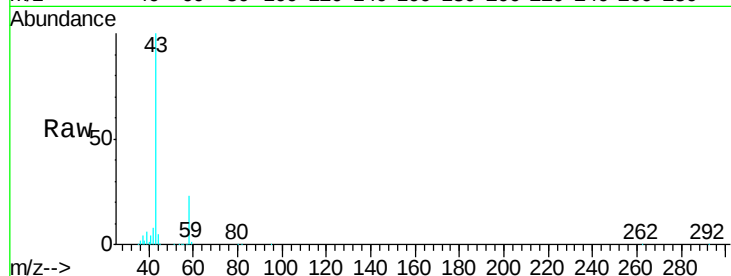
Ion Ratio Lower Upper

43 100

58 28.6 20.4 30.6

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#19

Isopropyl Alcohol

Concen: 0.117 ppbv

RT: 3.99 min Scan# 374

Delta R.T. 0.03 min

Lab File: VL034367.D

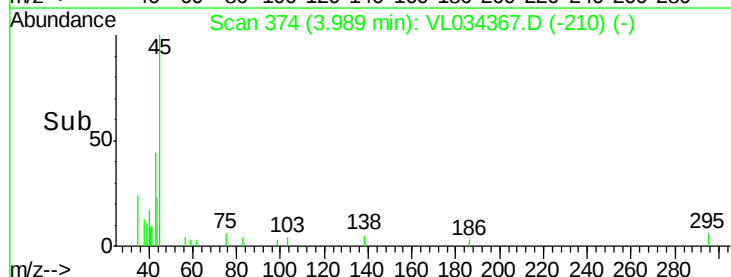
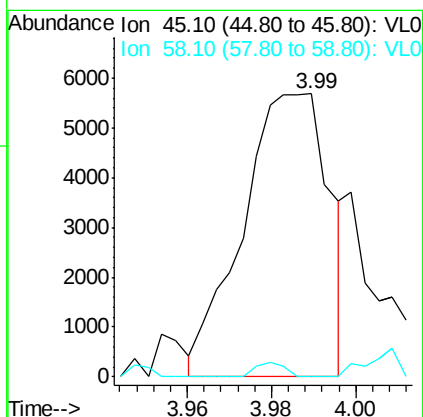
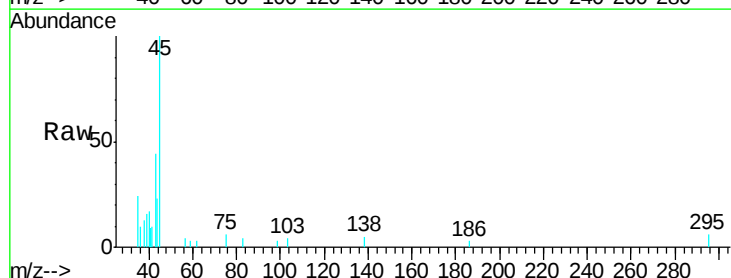
Acq: 25 Oct 2019 16:59

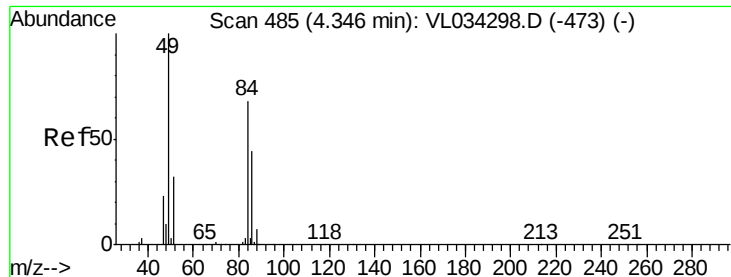
Tgt Ion: 45 Resp: 8102

Ion Ratio Lower Upper

45 100

58 391.4 1.4 2.2#





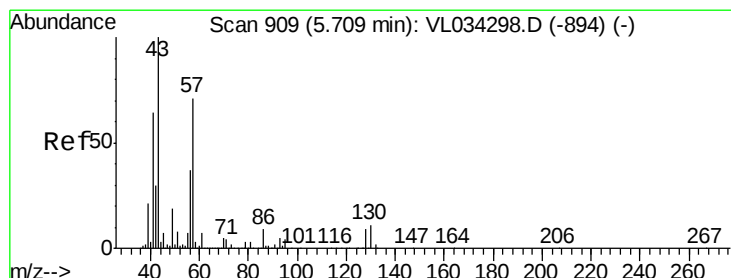
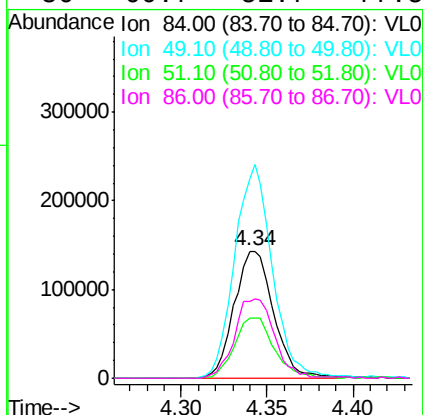
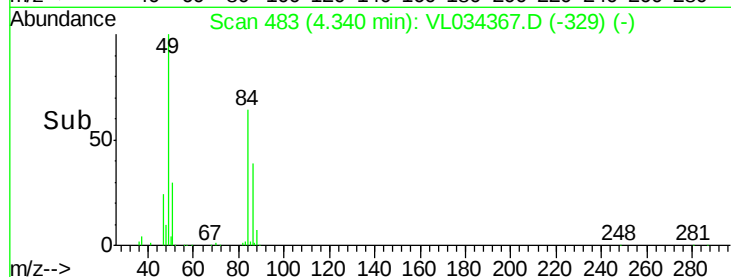
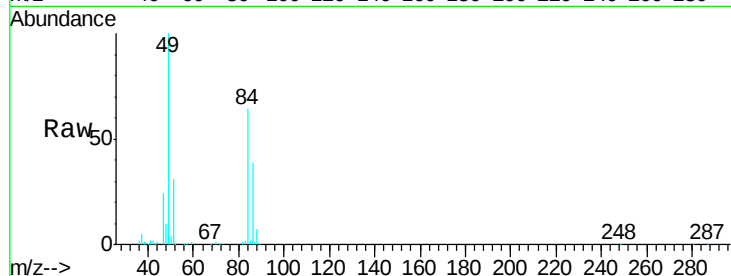
#20
Methylene Chloride
Concen: 5.087 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL034367.D
Acq: 25 Oct 2019 16:59

Instrument :
MSVOA_L
ClientSampled :
VBLK

Tgt Ion:	84	Resp:	229254
Ion	Ratio	Lower	Upper
84	100		
49	156.4	118.5	177.7
51	47.7	38.8	58.2
86	60.7	51.7	77.5

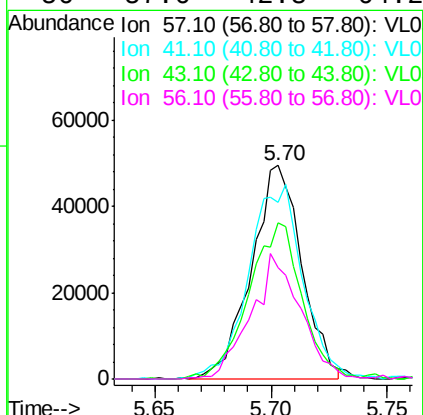
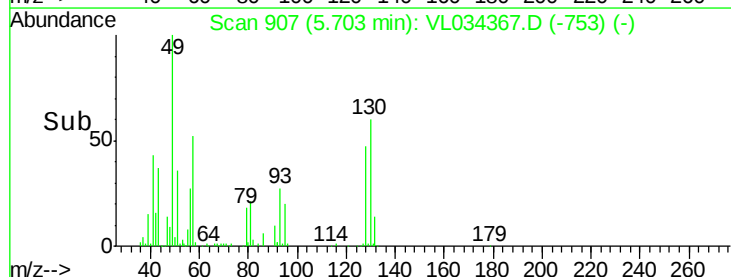
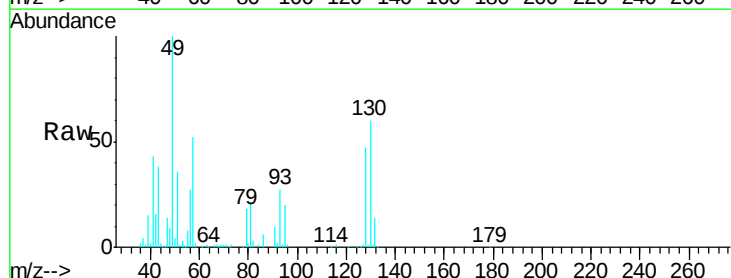
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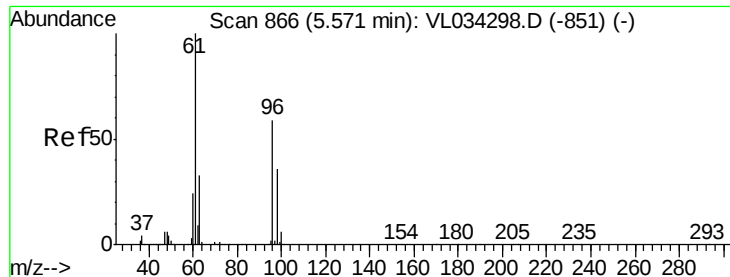
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#26
Hexane
Concen: 0.835 ppbv
RT: 5.70 min Scan# 907
Delta R.T. -0.01 min
Lab File: VL034367.D
Acq: 25 Oct 2019 16:59

Tgt Ion:	57	Resp:	74858
Ion	Ratio	Lower	Upper
57	100		
41	99.1	76.5	114.7
43	78.3	188.5	282.7#
56	57.6	42.8	64.2





#31

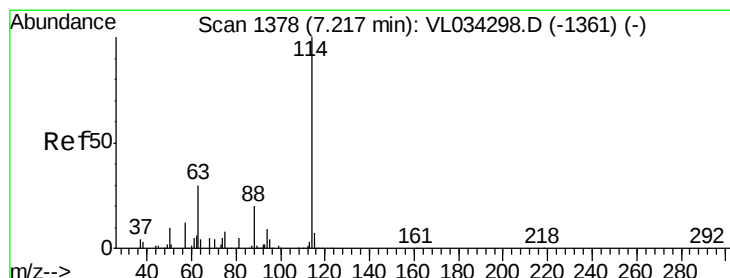
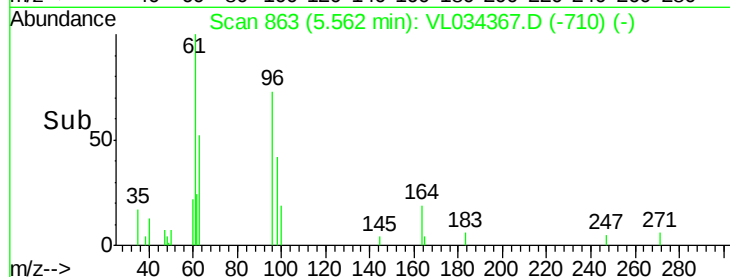
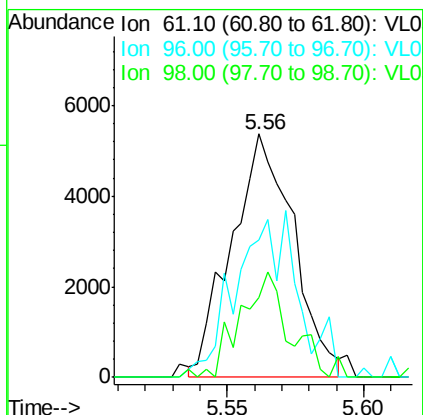
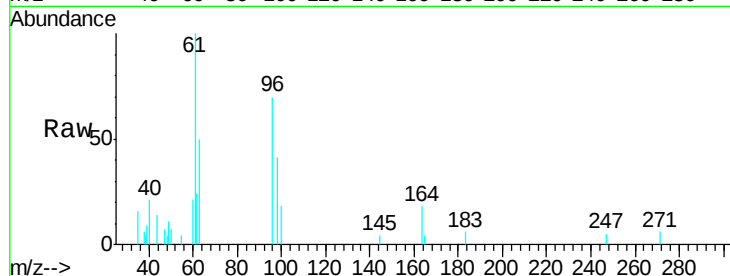
cis-1,2-Dichloroethene
 Concen: 0.093 ppbv
 RT: 5.56 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VL034367.D
 Acq: 25 Oct 2019 16:59

Instrument :
 MSVOA_L
 ClientSampled :
 VBLK

Tgt Ion	Ratio	Lower	Upper
61	100		
96	59.1	47.5	71.3
98	31.0	28.8	43.2

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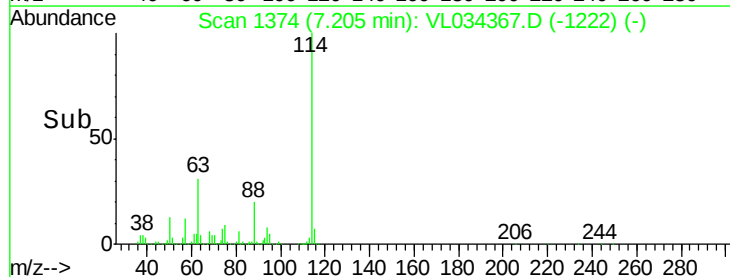
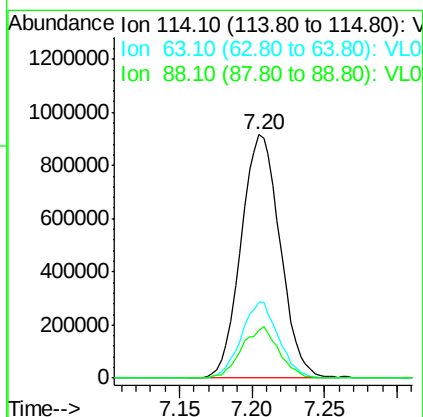
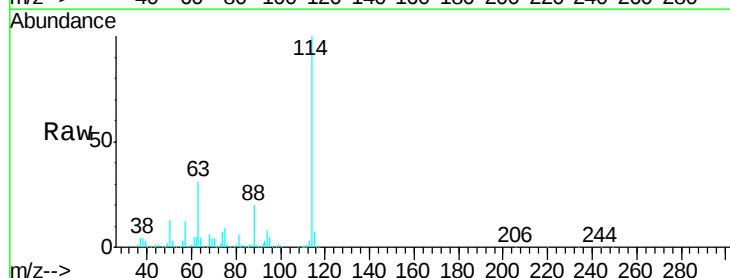
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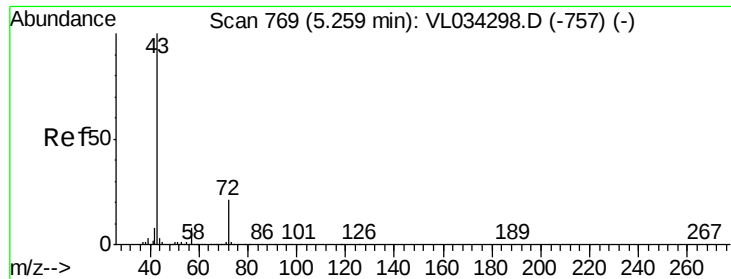


#33

1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: VL034367.D
 Acq: 25 Oct 2019 16:59

Tgt Ion	Ratio	Lower	Upper
114	100		
63	30.1	25.2	37.8
88	20.1	16.0	24.0





#34

2-Butanone

Concen: 0.099 ppbv m

RT: 5.26 min Scan# 770

Delta R.T. 0.00 min

Lab File: VL034367.D

Acq: 25 Oct 2019 16:59

Instrument :

MSVOA_L

ClientSampleId :

VBLK

Tgt Ion: 43 Resp: 13894

Ion Ratio Lower Upper

43 100

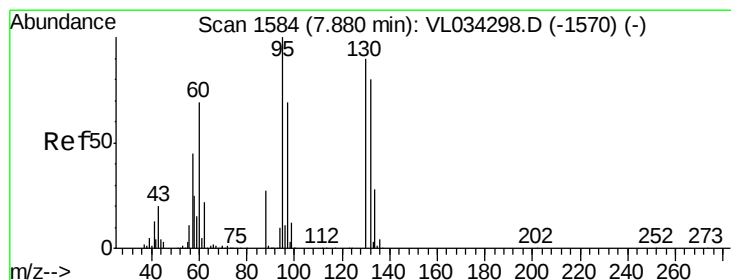
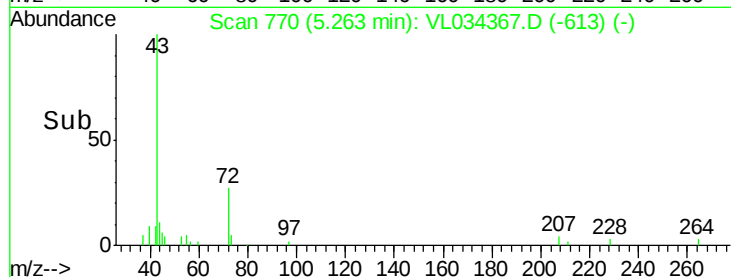
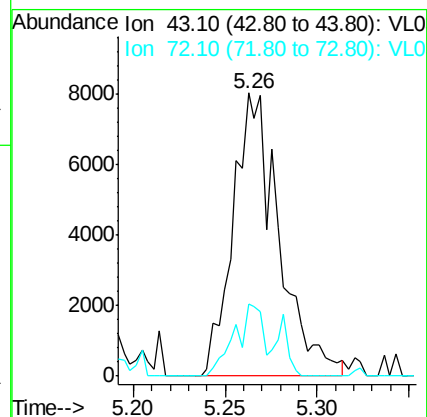
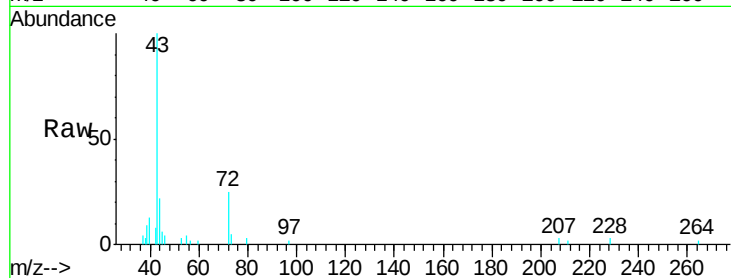
72 21.3 16.3 24.5

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#38

Trichloroethene

Concen: 0.134 ppbv m

RT: 7.87 min Scan# 1580

Delta R.T. -0.01 min

Lab File: VL034367.D

Acq: 25 Oct 2019 16:59

Tgt Ion: 130 Resp: 8841

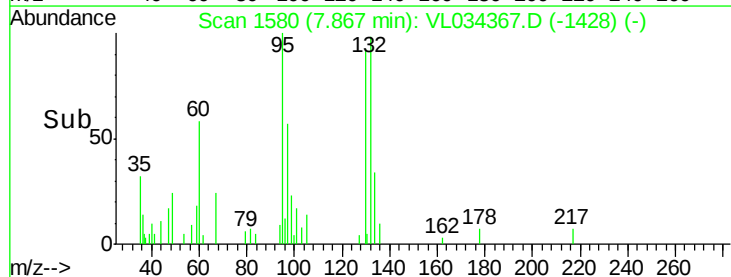
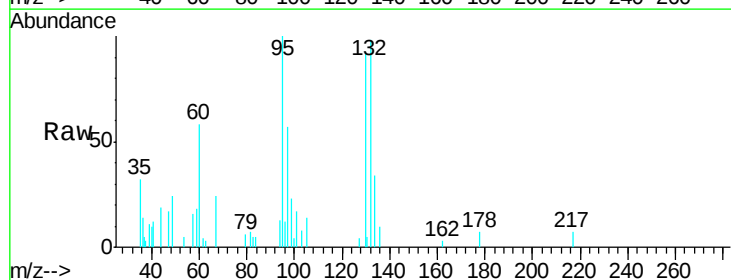
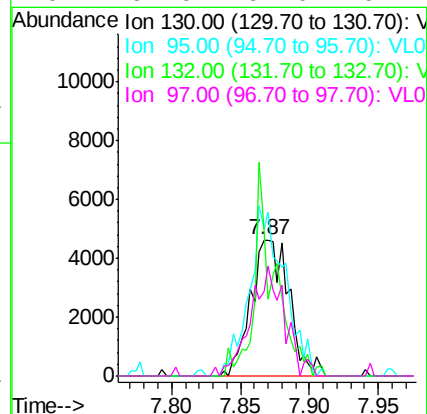
Ion Ratio Lower Upper

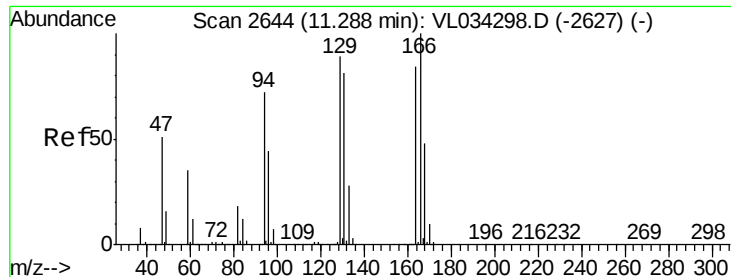
130 100

95 108.5 88.6 132.8

132 106.5 71.2 106.8

97 62.0 61.0 91.4





#52

Tetrachloroethene

Concen: 4.959 ppbv

RT: 11.28 min Scan# 2640

Delta R.T. -0.01 min

Lab File: VL034367.D

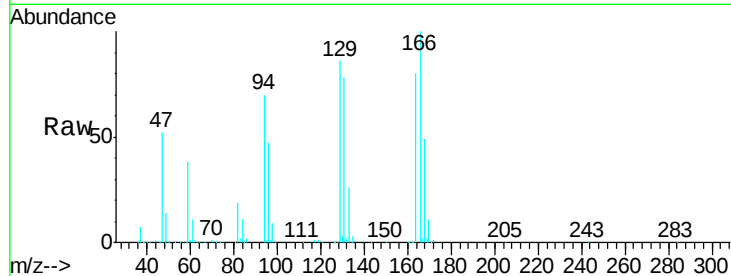
Acq: 25 Oct 2019 16:59

Instrument :

MSVOA_L

ClientSampled :

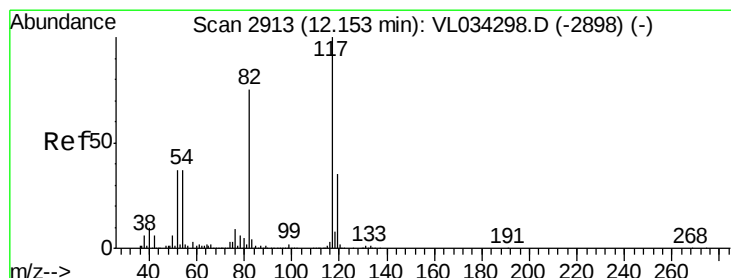
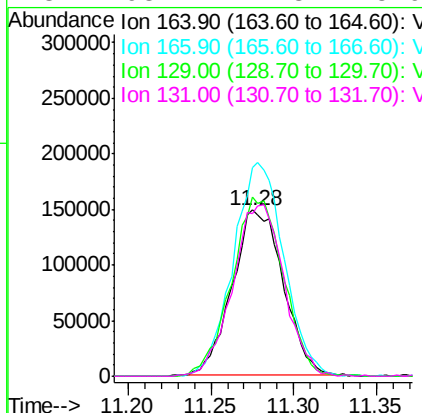
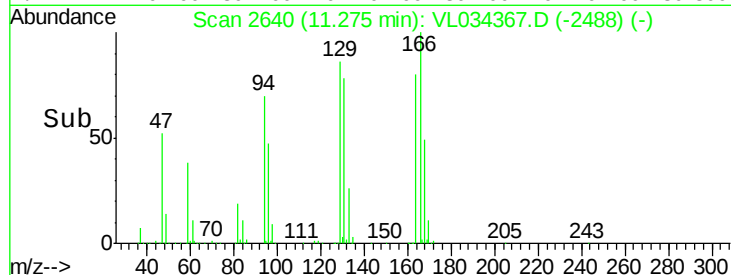
VBLK



Tgt Ion	Ratio	Resp	Lower	Upper
164	100	319884		
166	124.9	95.3	142.9	
129	107.4	84.5	126.7	
131	98.4	77.3	115.9	

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

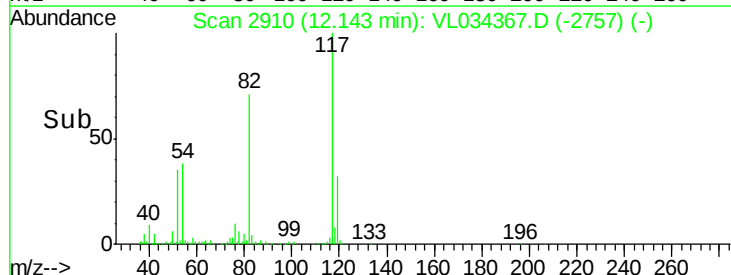
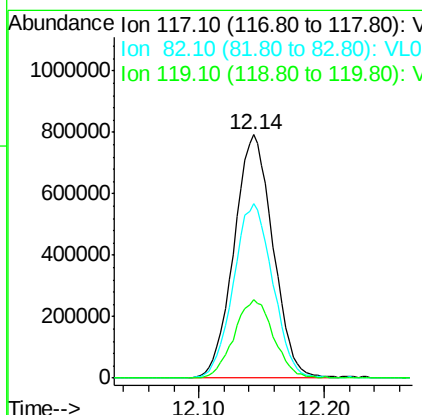
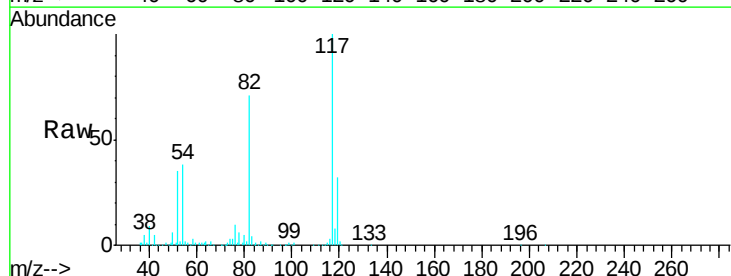
RT: 12.14 min Scan# 2910

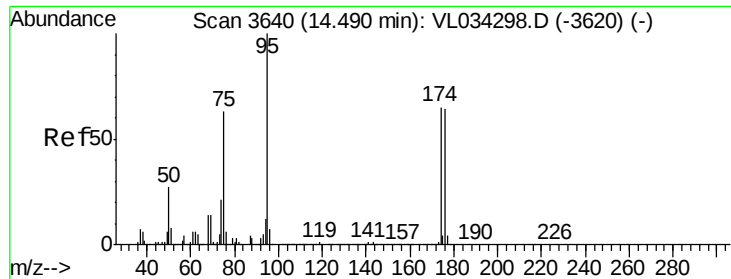
Delta R.T. -0.01 min

Lab File: VL034367.D

Acq: 25 Oct 2019 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1711260		
82	72.7	55.5	83.3	
119	32.7	26.5	39.7	





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.172 ppbv
 RT: 14.48 min Scan# 3637
 Delta R.T. -0.01 min
 Lab File: VL034367.D
 Acq: 25 Oct 2019 16:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VBLK

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.3	52.6	78.8
175	4.7	3.8	5.6

Manual Integrations
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 10/31/2019 2:12:59 AM

