

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050219\
 Data File : VL033637.D
 Acq On : 2 May 2019 21:04
 Operator : SY/AP
 Sample : K2628-06DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 A-6DL

Manual Integrations
 APPROVED

MMDadoda
 5/4/2019 7:18:44 AM

Quant Time: May 03 04:34:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050119AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 03 04:34:24 2019
 QLast Update : Thu May 02 06:29:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	944213	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2267403	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2414247	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1882252	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	17779m	0.125	ppbv	
13) Ethanol	3.65	45	78514	5.357	ppbv	100
15) Acetone	3.91	43	64299	0.559	ppbv	98
53) Toluene	9.95	91	107693	0.442	ppbv	100

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

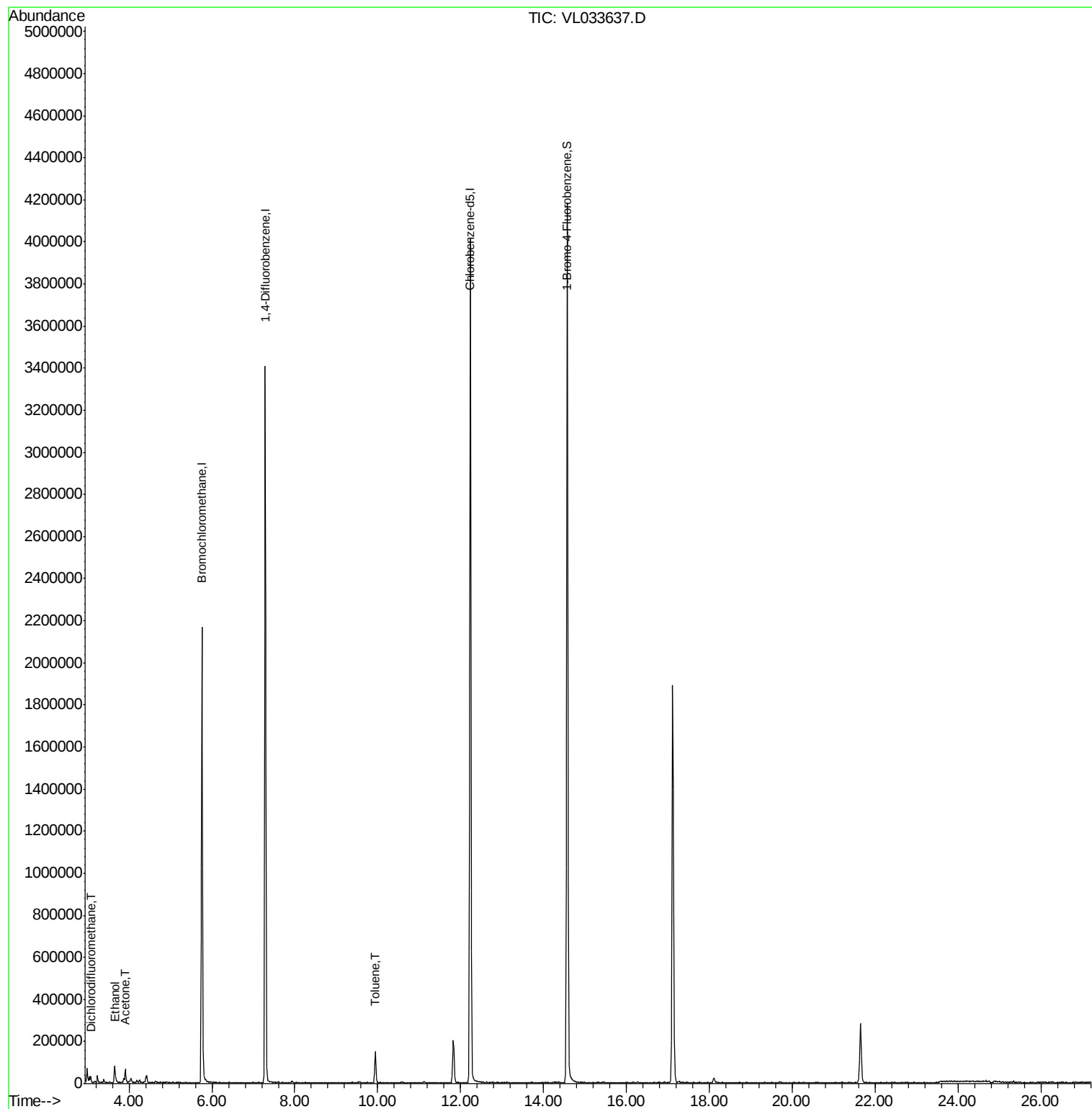
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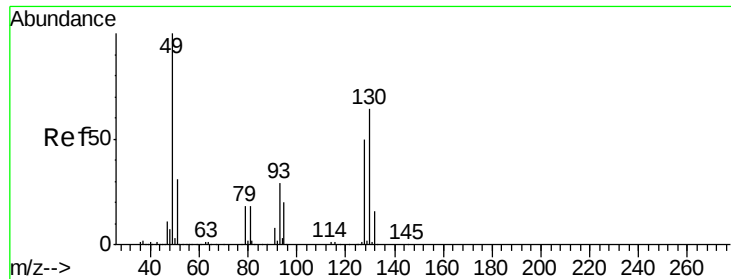
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QLast Update : Thu May 02 06:29:02 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. 0.00 min

Lab File: VL033637.D

Acq: 2 May 2019 21:04

Instrument :

MSVOA_L

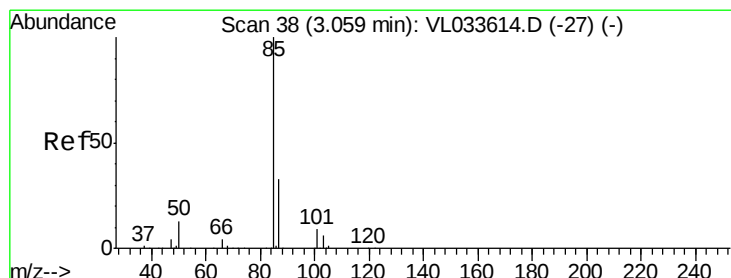
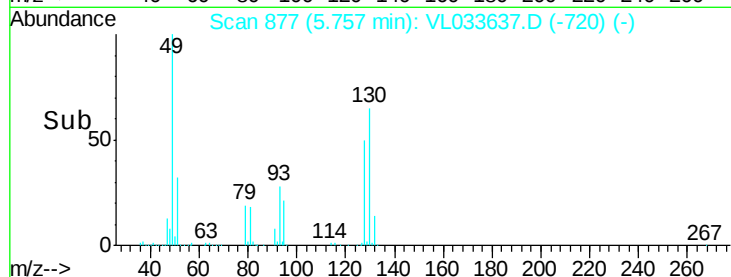
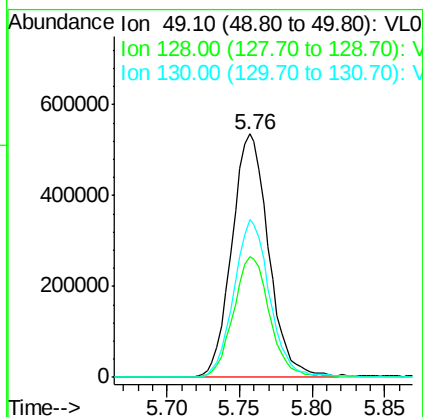
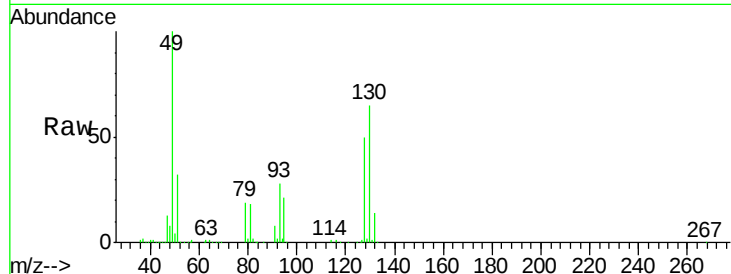
ClientSampleId :

A-6DL

Tot Ion:	49	Resp:	944213
Ion	Ratio	Lower	Upper
49	100		
128	49.2	25.0	75.0
130	63.4	31.9	95.9

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#2

Dichlorodifluoromethane

Concen: 0.125 ppbv m

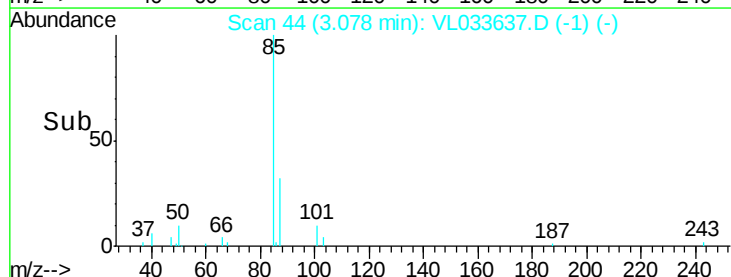
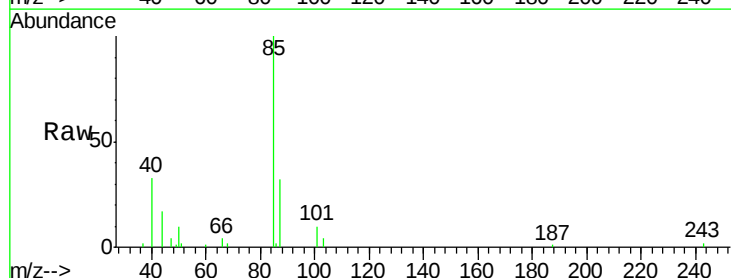
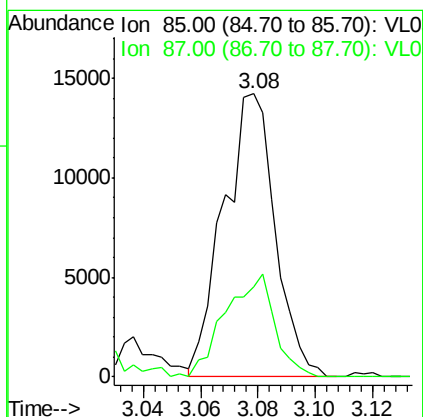
RT: 3.08 min Scan# 44

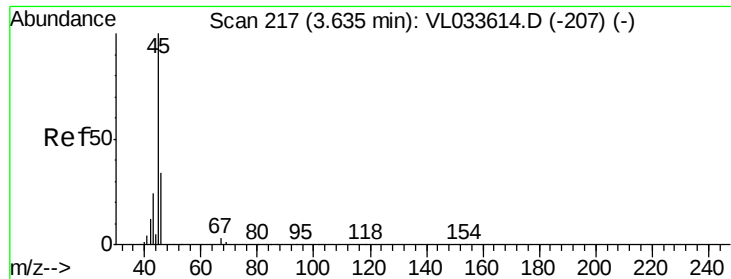
Delta R.T. 0.02 min

Lab File: VL033637.D

Acq: 2 May 2019 21:04

Tgt Ion:	85	Resp:	17779
Ion	Ratio	Lower	Upper
85	100		
87	31.9	26.8	40.2





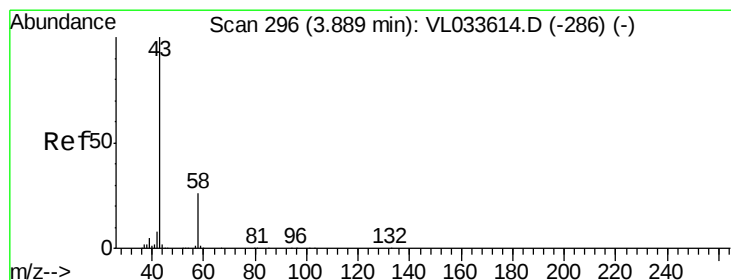
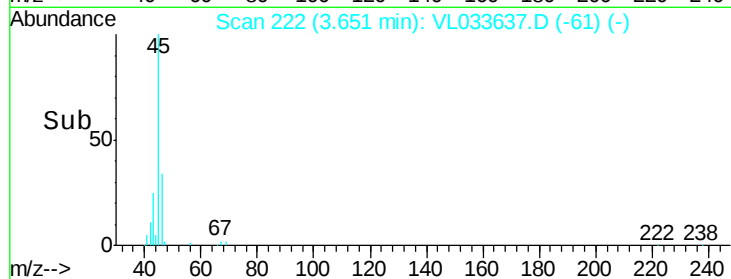
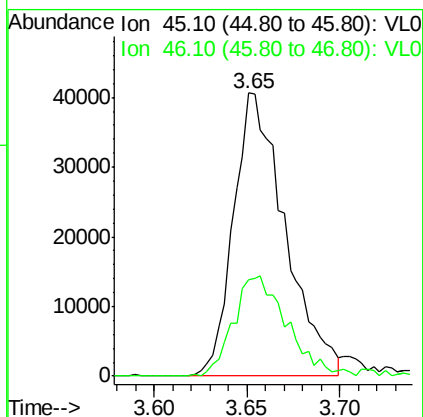
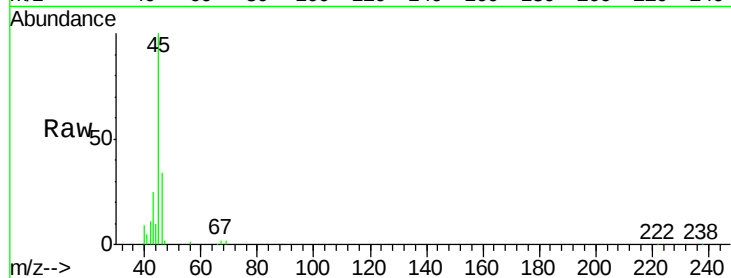
#13
Ethanol
Concen: 5.357 ppbv
RT: 3.65 min Scan# 222
Delta R.T. 0.02 min
Lab File: VL033637.D
Acq: 2 May 2019 21:04

Instrument :
MSVOA_L
ClientSampleId :
A-6DL

Tot Ion: 45 Resp: 78514
Ion Ratio Lower Upper
45 100
46 36.6 14.6 58.2

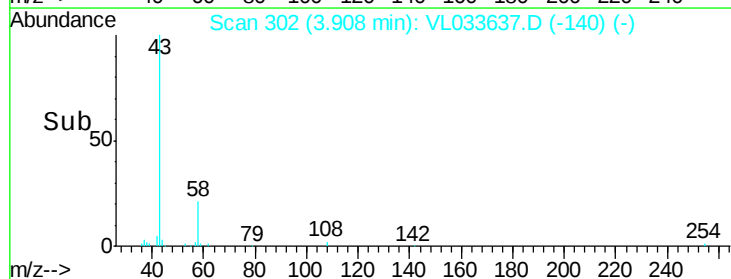
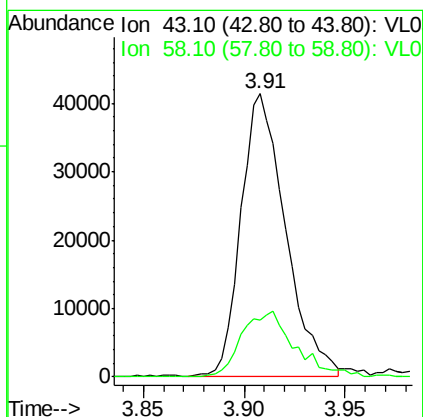
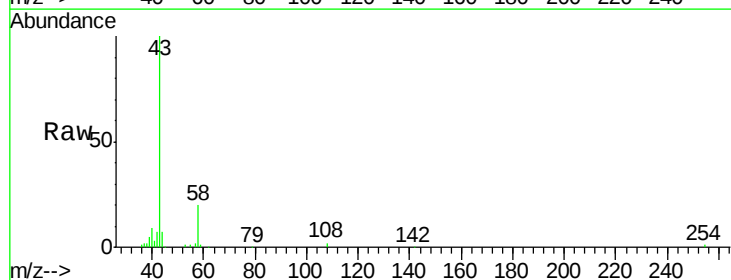
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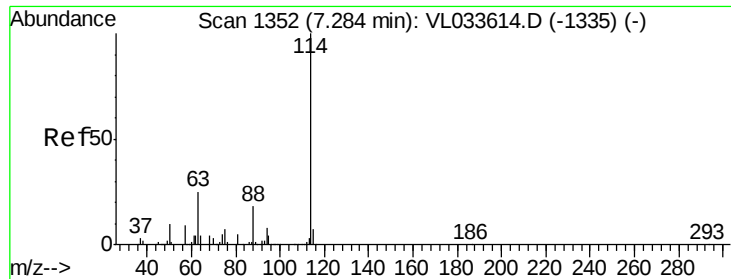
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#15
Acetone
Concen: 0.559 ppbv
RT: 3.91 min Scan# 302
Delta R.T. 0.02 min
Lab File: VL033637.D
Acq: 2 May 2019 21:04

Tgt Ion: 43 Resp: 64299
Ion Ratio Lower Upper
43 100
58 27.6 21.2 31.8





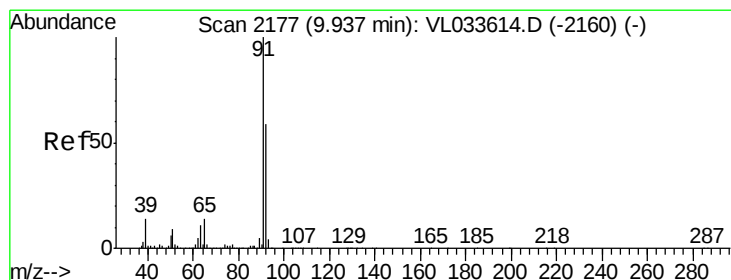
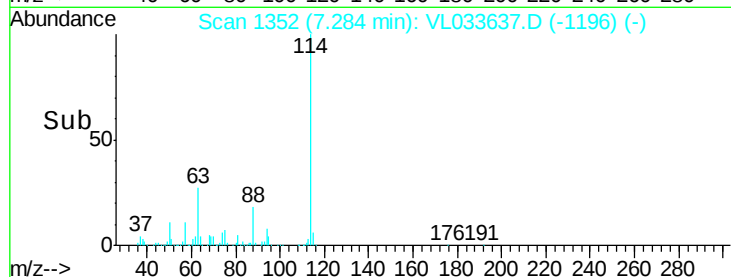
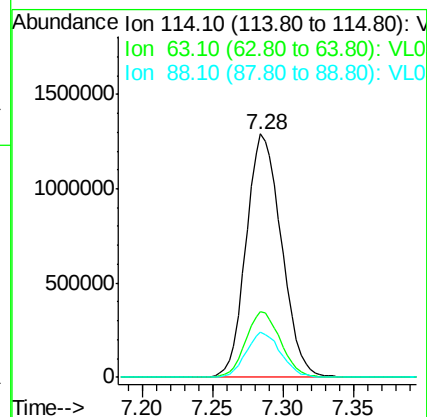
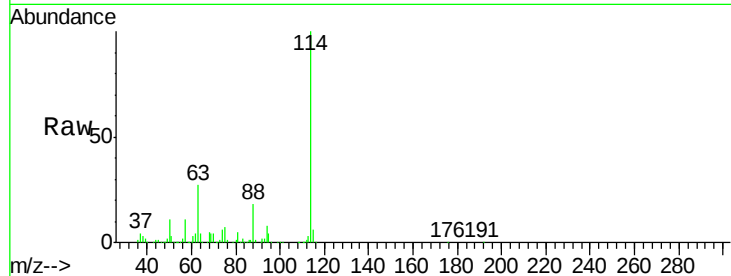
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.28 min Scan# 1352
 Delta R.T. 0.00 min
 Lab File: VL033637.D
 Acq: 2 May 2019 21:04

Instrument :
 MSVOA_L
 ClientSampleId :
 A-6DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.7	21.1	31.7
88	18.1	14.2	21.4

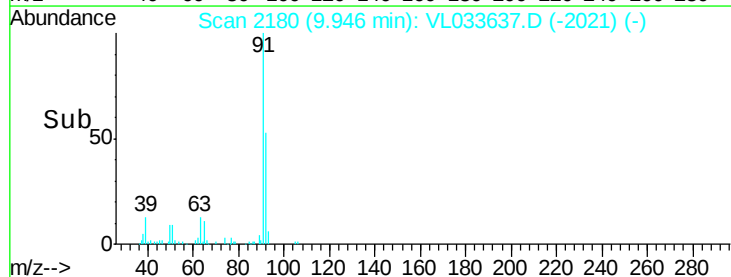
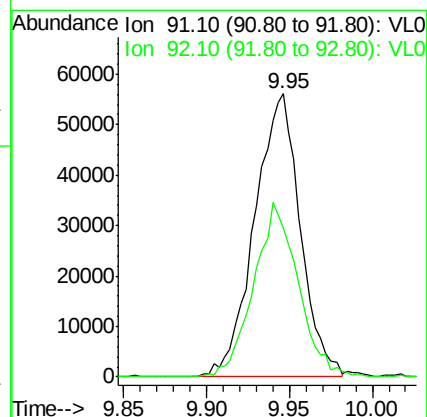
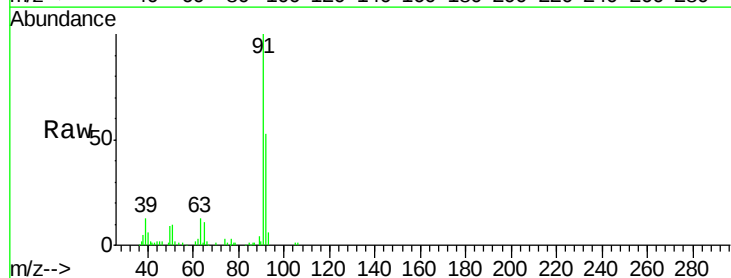
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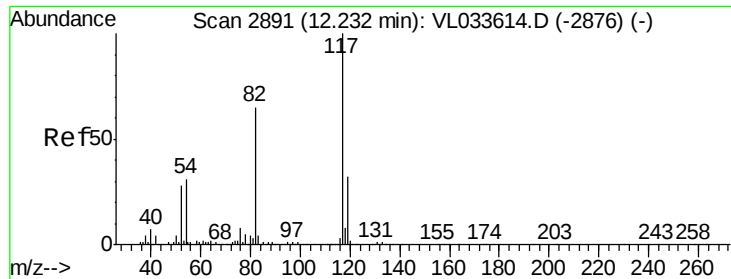
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#53
 Toluene
 Concen: 0.442 ppbv
 RT: 9.95 min Scan# 2180
 Delta R.T. 0.01 min
 Lab File: VL033637.D
 Acq: 2 May 2019 21:04

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.9	47.8	71.6





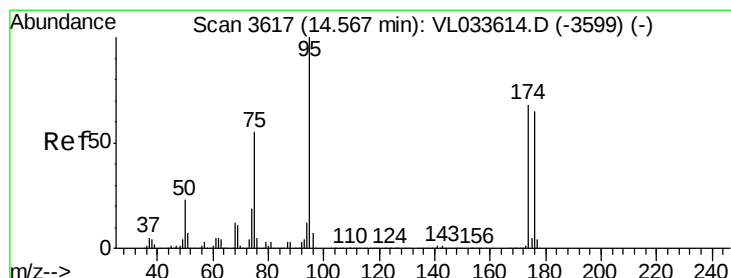
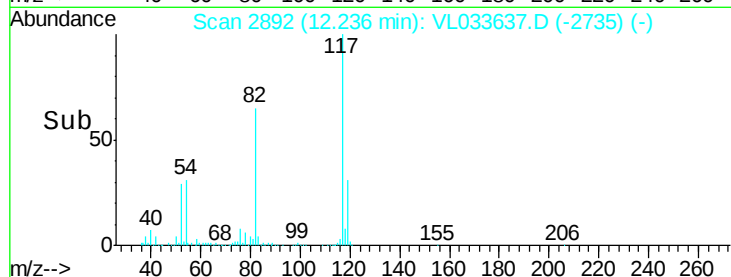
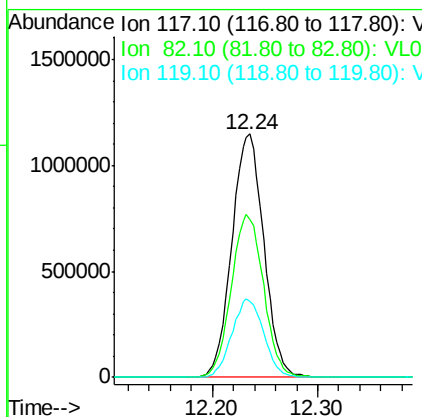
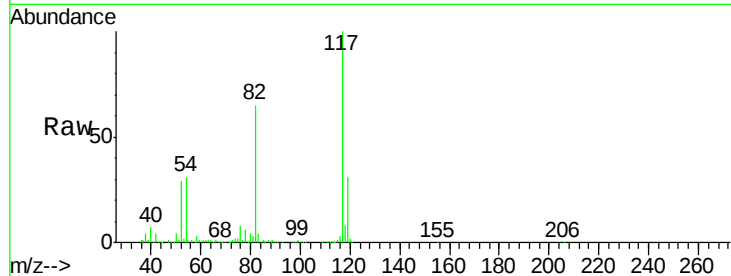
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. 0.00 min
Lab File: VL033637.D
Acq: 2 May 2019 21:04

Instrument :
MSVOA_L
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A-6DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	67.8	52.6	78.8
119	32.3	28.3	42.5

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.241 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. 0.00 min
Lab File: VL033637.D
Acq: 2 May 2019 21:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.3	53.9	80.9
175	4.7	4.0	6.0

