

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080118\
 Data File : VL032329.D
 Acq On : 1 Aug 2018 18:30
 Operator : SY/AP
 Sample : VL0801ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 02 00:46:54 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 07:05:37 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	5.83	49	1941578	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.36	114	4571232	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.32	117	4585617	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.66	95	3678248	10.33	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

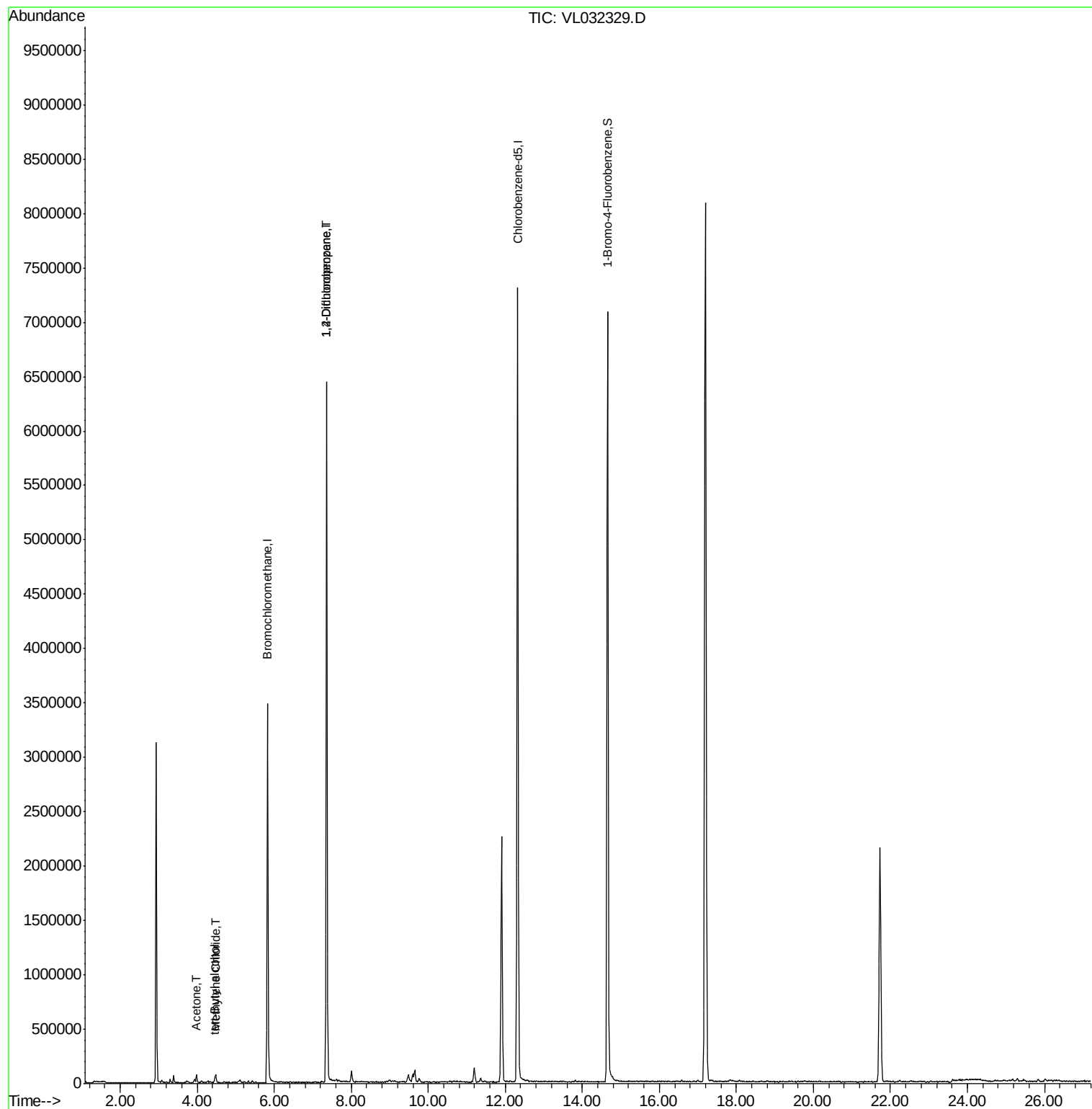
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.98	43	79232	0.433	ppbv	92
17) tert-Butyl alcohol	4.44	59	4622	0.079	ppbv #	73
20) Methylene Chloride	4.46	84	8836	0.120	ppbv #	91
39) 1,2-Dichloropropane	7.36	63	1304824	6.437	ppbv #	26

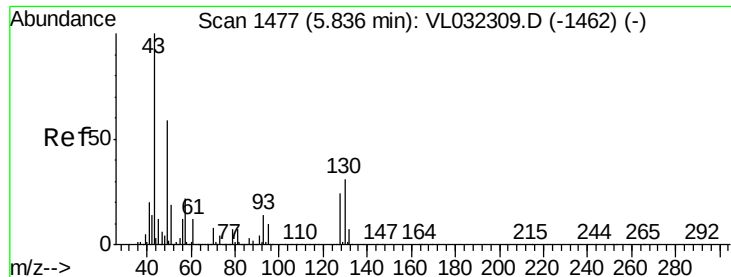
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.83 min Scan# 1474

Delta R.T. -0.01 min

Lab File: VL032329.D

Acq: 1 Aug 2018 18:30

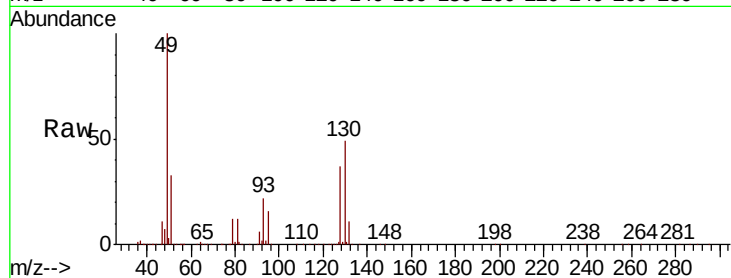
Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 49 Resp: 1941578

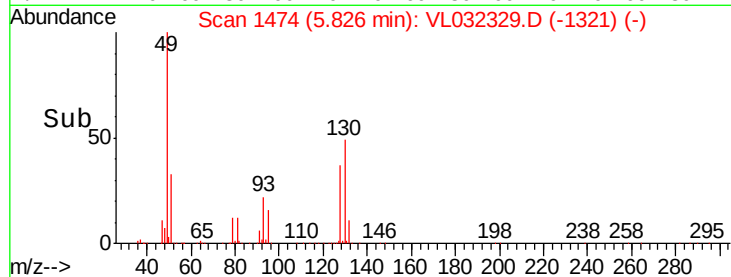
Ion	Ratio	Lower	Upper
49	100		
128	39.1	20.2	60.6
130	49.6	25.8	77.3



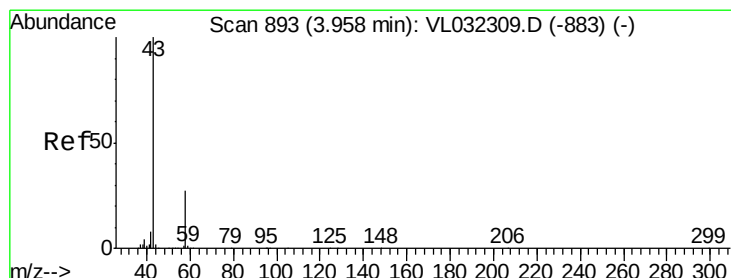
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#15

Acetone

Concen: 0.433 ppbv

RT: 3.98 min Scan# 899

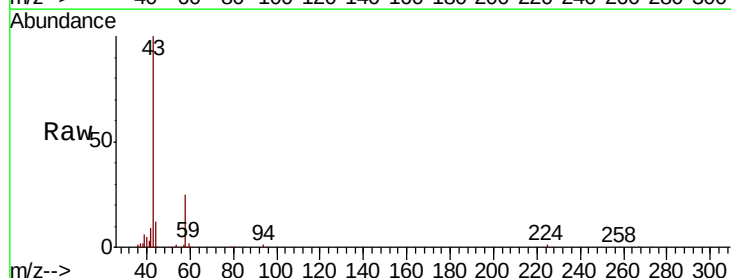
Delta R.T. 0.02 min

Lab File: VL032329.D

Acq: 1 Aug 2018 18:30

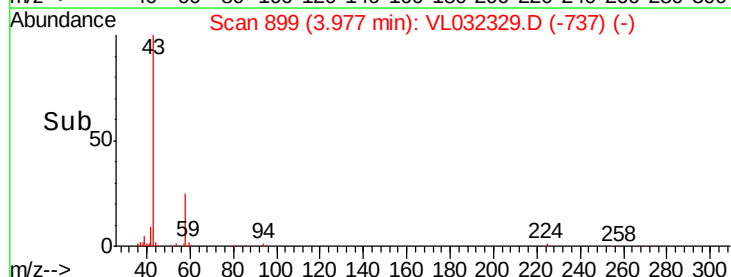
Tgt Ion: 43 Resp: 79232

Ion	Ratio	Lower	Upper
43	100		
58	32.3	22.5	33.7

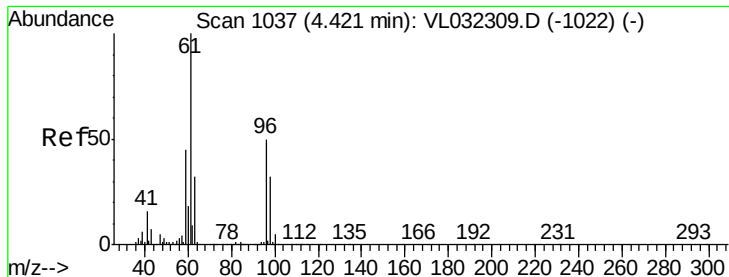


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



Time-->



#17

tert-Butyl alcohol

Concen: 0.079 ppbv

RT: 4.44 min Scan# 1044

Delta R.T. 0.02 min

Lab File: VL032329.D

Acq: 1 Aug 2018 18:30

Instrument :

MSVOA_L

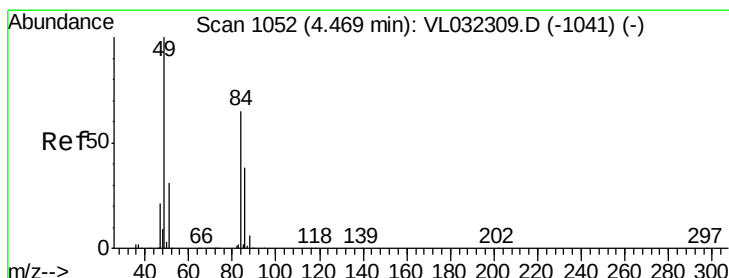
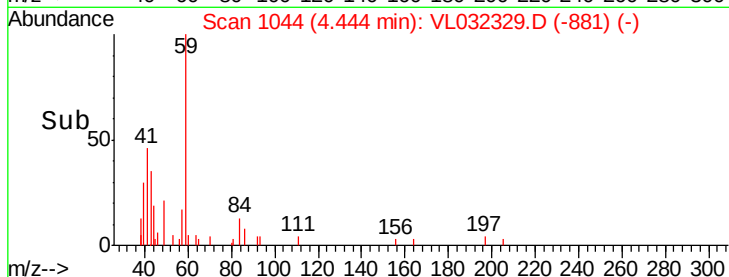
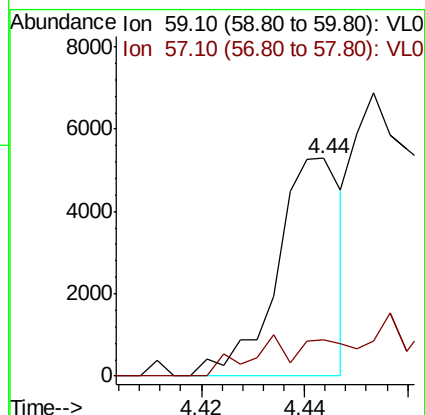
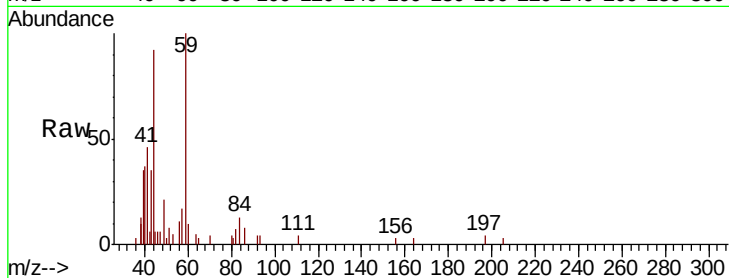
ClientSampleId :

Tot Ion: 59 Resp: 4622

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



#20

Methylene Chloride

Concen: 0.120 ppbv

RT: 4.46 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VL032329.D

Acq: 1 Aug 2018 18:30

Tgt Ion: 84 Resp: 8836

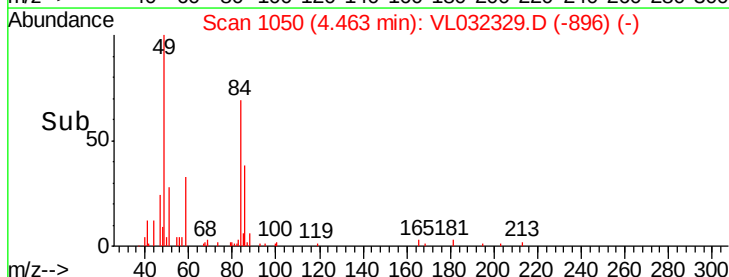
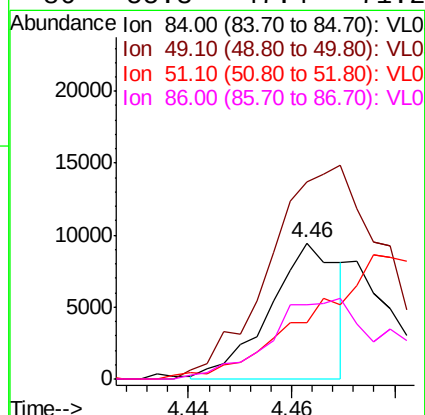
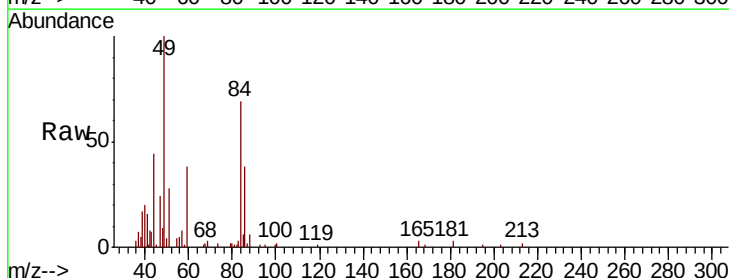
Ion Ratio Lower Upper

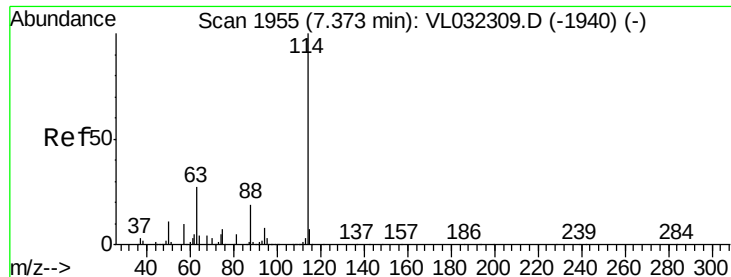
84 100

49 142.2 123.4 185.0

51 37.7 38.2 57.2#

86 55.3 47.4 71.2

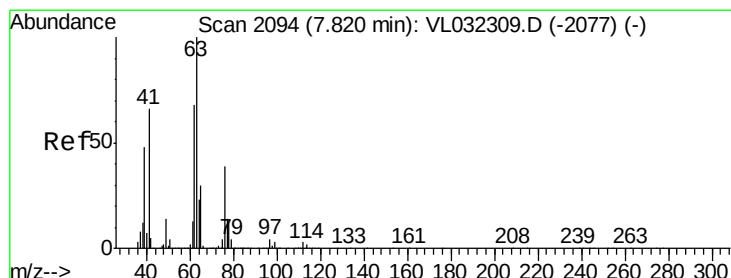
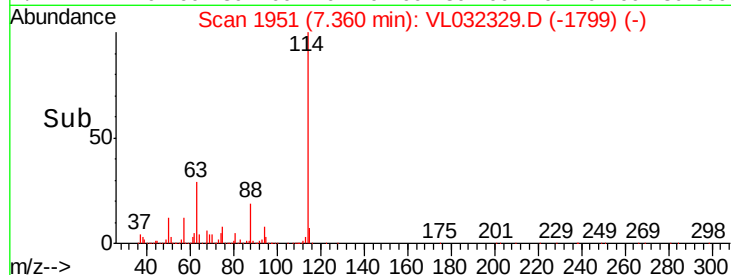
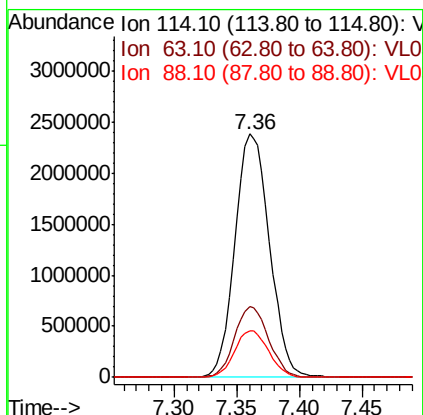
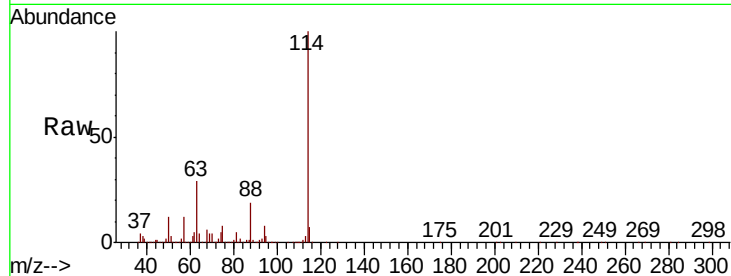




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.36 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VL032329.D
 Acq: 1 Aug 2018 18:30

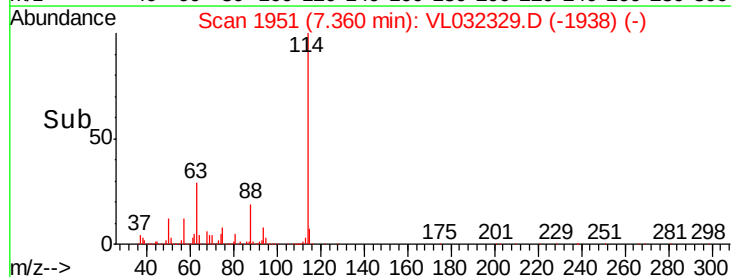
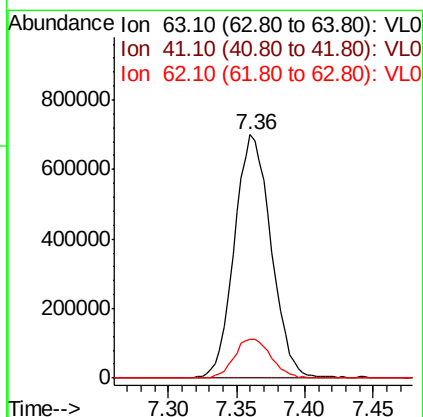
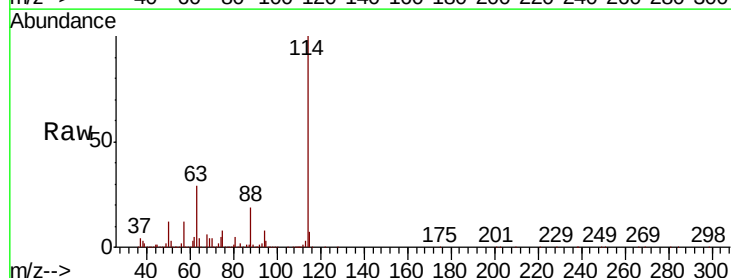
Instrument :
 MSVOA_L
 ClientSampleId :

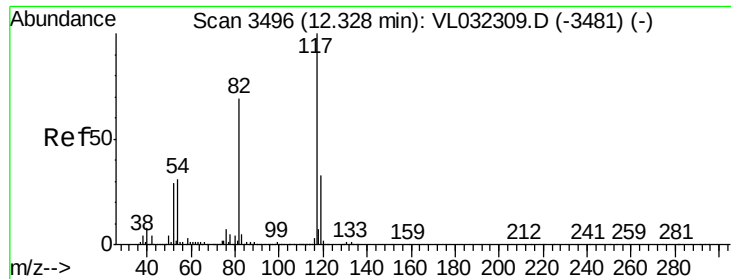
Tot Ion:114 Resp: 4571232
 Ion Ratio Lower Upper
 114 100
 63 28.7 22.4 33.6
 88 19.1 15.3 22.9



#39
 1,2-Dichloropropane
 Concen: 6.437 ppbv
 RT: 7.36 min Scan# 1951
 Delta R.T. -0.46 min
 Lab File: VL032329.D
 Acq: 1 Aug 2018 18:30

Tgt Ion: 63 Resp: 1304824
 Ion Ratio Lower Upper
 63 100
 41 0.0 52.5 78.7#
 62 15.9 54.6 81.8#

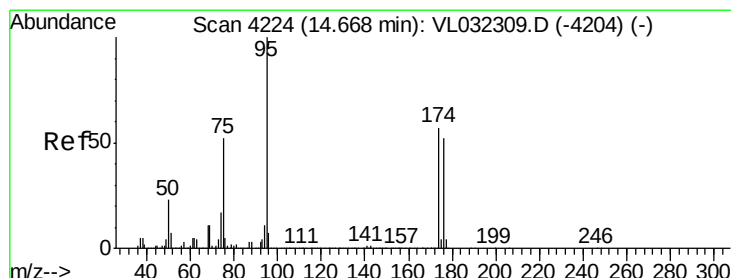
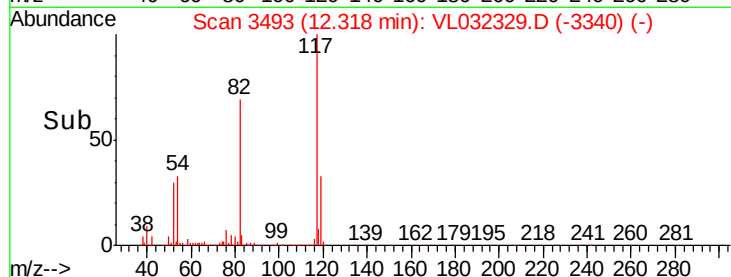
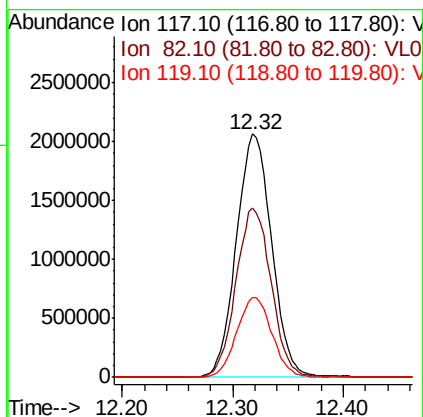
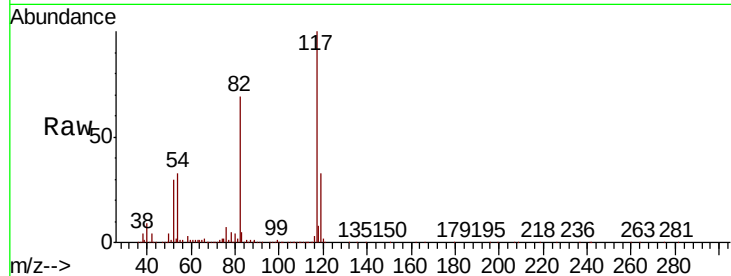




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.32 min Scan# 3493
Delta R.T. -0.01 min
Lab File: VL032329.D
Acq: 1 Aug 2018 18:30

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:117 Resp: 4585617
Ion Ratio Lower Upper
117 100
82 69.8 52.6 78.8
119 32.9 25.7 38.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.334 ppbv
RT: 14.66 min Scan# 4220
Delta R.T. -0.01 min
Lab File: VL032329.D
Acq: 1 Aug 2018 18:30

Tgt Ion: 95 Resp: 3678248
Ion Ratio Lower Upper
95 100
174 56.6 45.5 68.3
175 4.1 3.3 4.9

