

Data File : VL032857.D
Acq On : 30 Nov 2018 20:18
Operator : SY/AP
Sample : J6132-03DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
DSV-02DL

Quant Time: Dec 01 02:25:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1411127	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3461555	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3245213	10.00	ppbv	0.00

System Monitoring Compounds
68) 1-Bromo-4-Fluorobenzene 14.58 95 2447716 10.08 ppbv 0.00
Spiked Amount 10.000 Range 65 - 135 Recovery = 100.80%

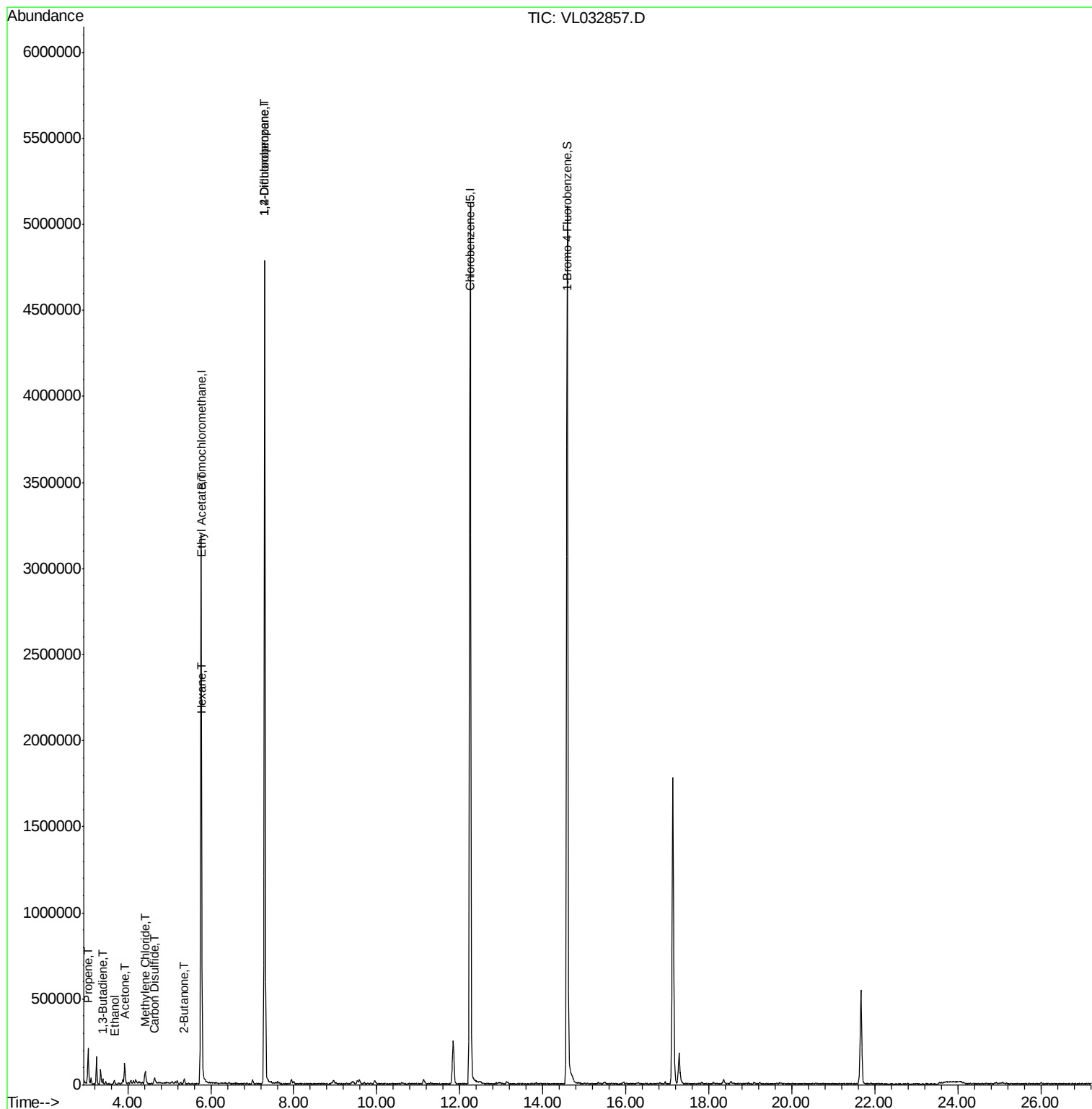
Target Compounds					Qvalue
9) Propene	3.04	41	73829	1.649 ppbv	90
13) Ethanol	3.67	45	7979	0.544 ppbv #	39
15) Acetone	3.92	43	89429	0.694 ppbv	92
16) 1,3-Butadiene	3.40	39	3122	0.063 ppbv	98
20) Methylene Chloride	4.41	84	21901	0.328 ppbv	91
25) Ethyl Acetate	5.78	43	18180	0.061 ppbv #	85
26) Hexane	5.79	57	26093	0.195 ppbv #	41
27) Carbon Disulfide	4.63	76	10185	0.060 ppbv #	37
34) 2-Butanone	5.36	43	18862	0.105 ppbv #	45
39) 1,2-Dichloropropane	7.30	63	838724	7.986 ppbv #	22

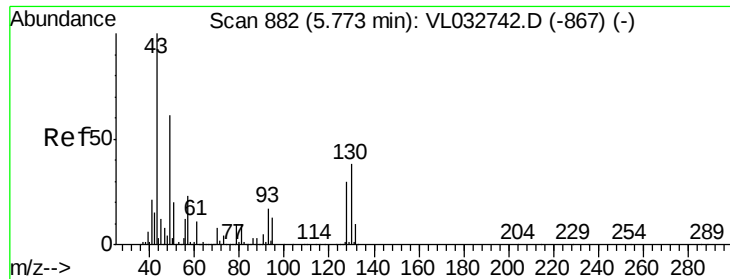
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VL032857.D
Acq On : 30 Nov 2018 20:18
Operator : SY/AP
Sample : J6132-03DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
DSV-02DL

Quant Time: Dec 01 02:25:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. -0.01 min

Lab File: VL032857.D

Acq: 30 Nov 2018 20:18

Instrument :

MSVOA_L

ClientSampleId :

DSV-02DL

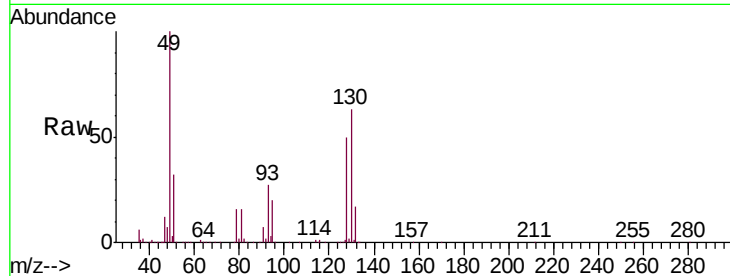
Tgt Ion: 49 Resp: 1411127

Ion Ratio Lower Upper

49 100

128 52.5 24.9 74.6

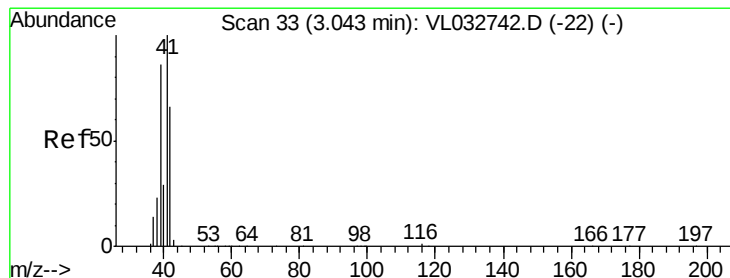
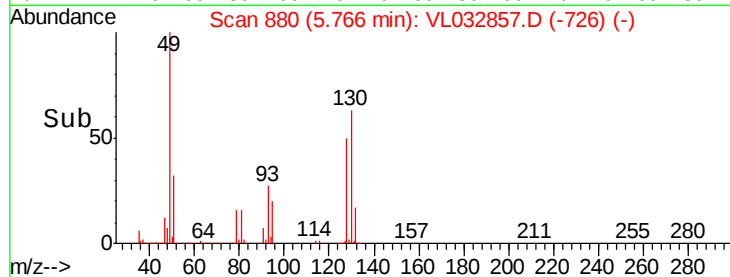
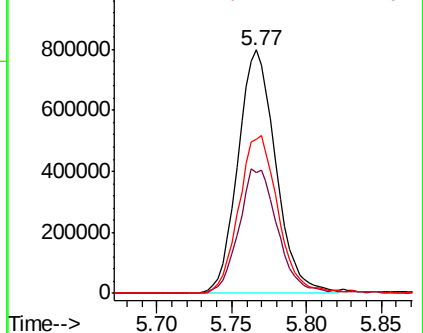
130 68.0 31.4 94.2



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



#9

Propene

Concen: 1.649 ppbv

RT: 3.04 min Scan# 33

Delta R.T. 0.00 min

Lab File: VL032857.D

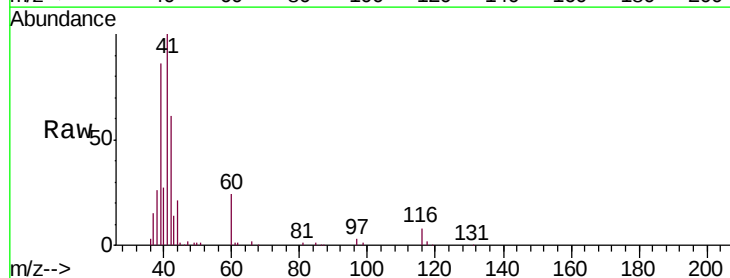
Acq: 30 Nov 2018 20:18

Tgt Ion: 41 Resp: 73829

Ion Ratio Lower Upper

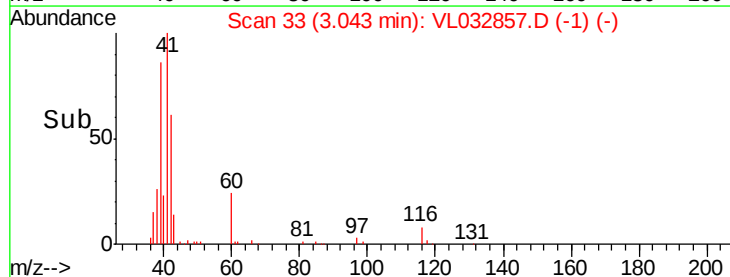
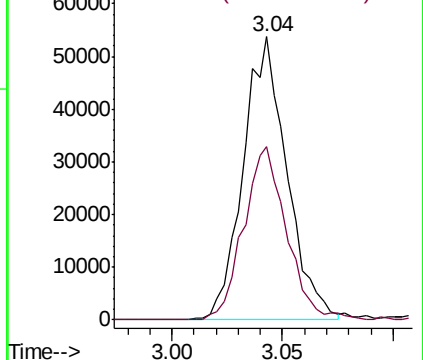
41 100

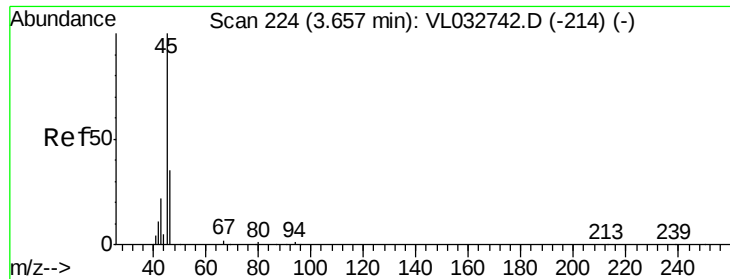
42 60.5 55.0 82.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#13

Ethanol

Concen: 0.544 ppbv

RT: 3.67 min Scan# 227

Delta R.T. 0.01 min

Lab File: VL032857.D

Acq: 30 Nov 2018 20:18

Instrument :

MSVOA_L

ClientSampleId :

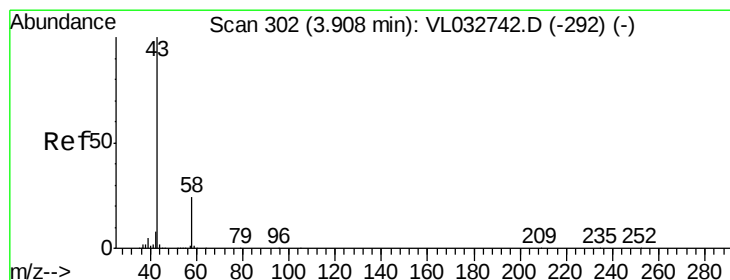
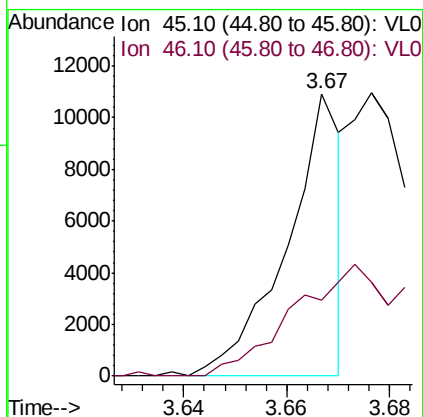
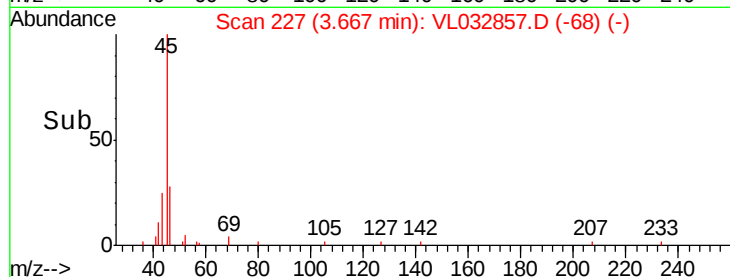
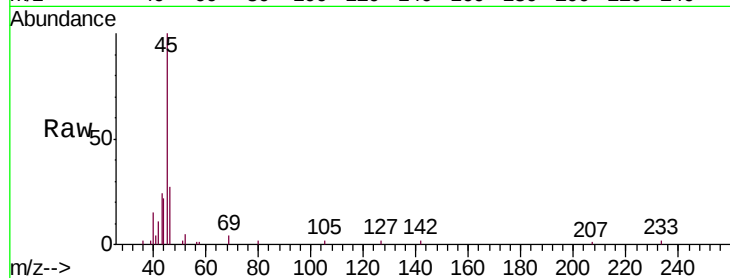
DSV-02DL

Tgt Ion: 45 Resp: 7979

Ion Ratio Lower Upper

45 100

46 0.0 14.5 57.9#



#15

Acetone

Concen: 0.694 ppbv

RT: 3.92 min Scan# 307

Delta R.T. 0.02 min

Lab File: VL032857.D

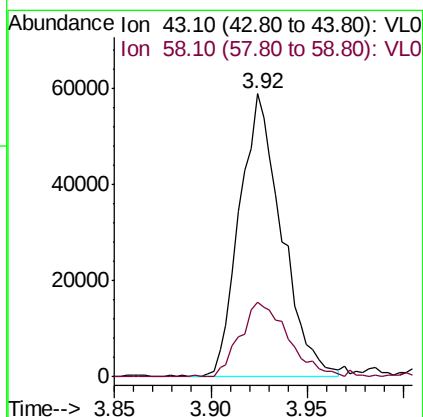
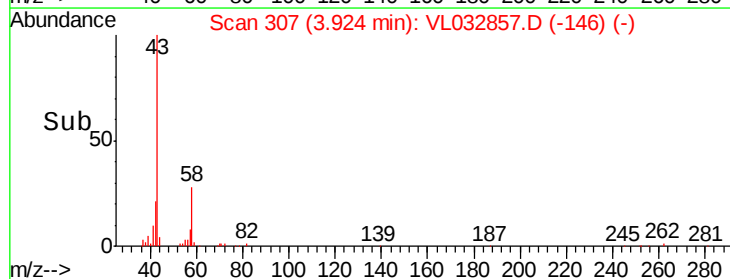
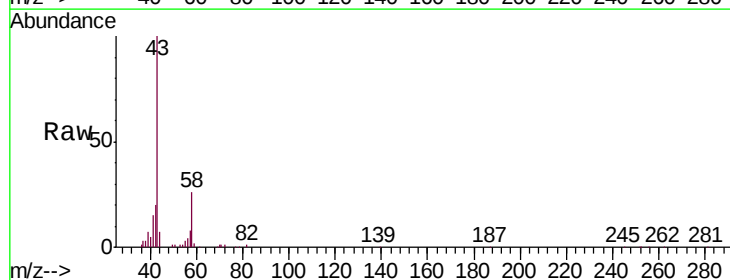
Acq: 30 Nov 2018 20:18

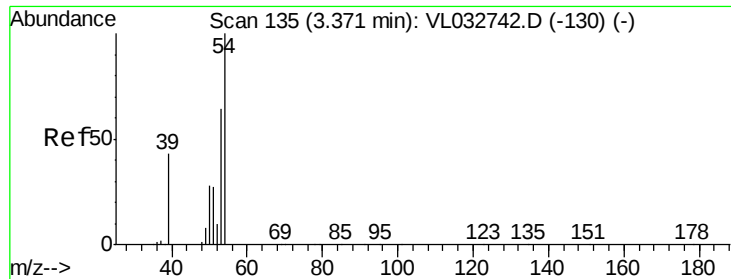
Tgt Ion: 43 Resp: 89429

Ion Ratio Lower Upper

43 100

58 30.5 21.1 31.7

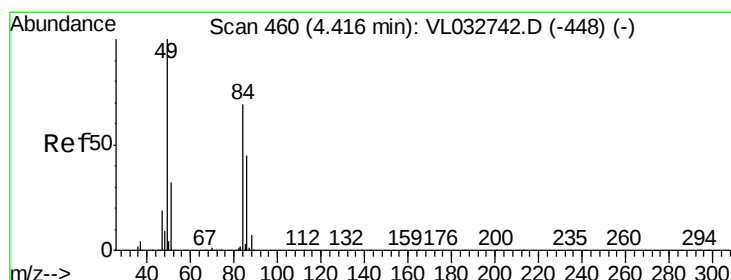
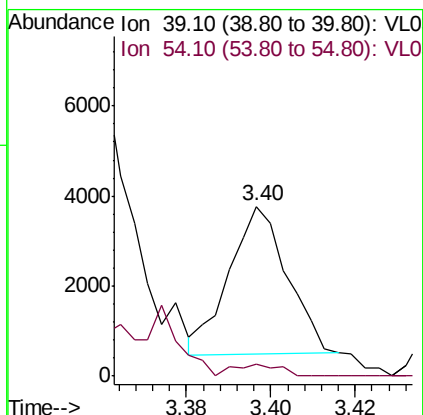
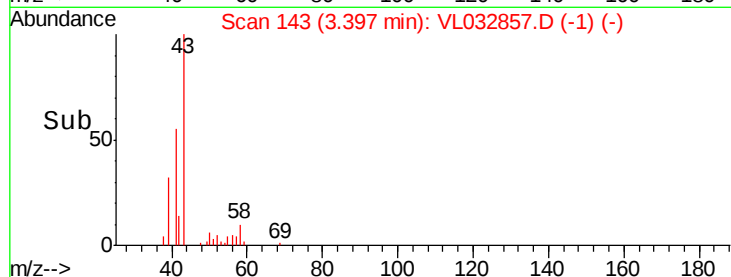
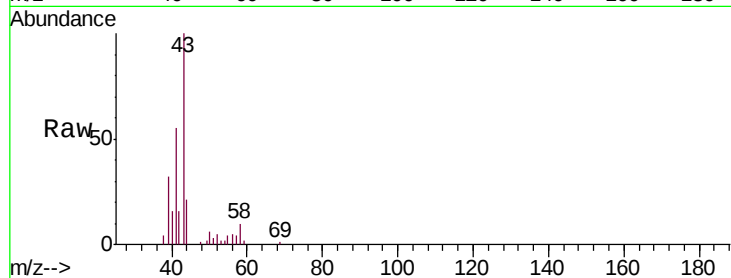




#16
1,3-Butadiene
Concen: 0.063 ppbv
RT: 3.40 min Scan# 143
Delta R.T. 0.03 min
Lab File: VL032857.D
Acq: 30 Nov 2018 20:18

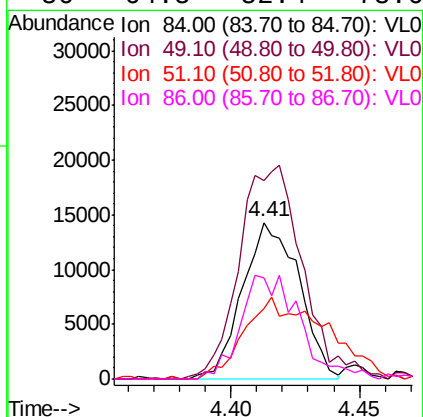
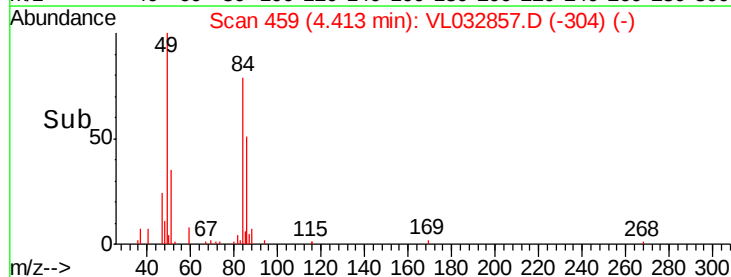
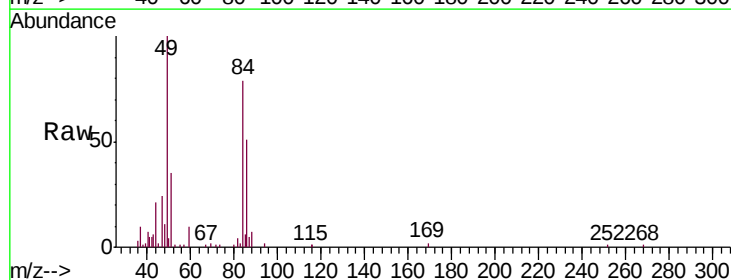
Instrument :
MSVOA_L
ClientSampleId :
DSV-02DL

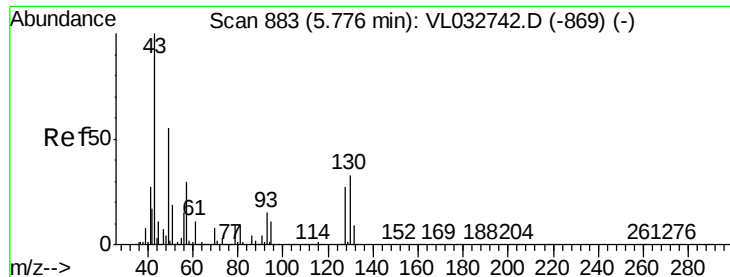
Tgt Ion: 39 Resp: 3122
Ion Ratio Lower Upper
39 100
54 84.3 68.9 103.3



#20
Methylene Chloride
Concen: 0.328 ppbv
RT: 4.41 min Scan# 459
Delta R.T. -0.00 min
Lab File: VL032857.D
Acq: 30 Nov 2018 20:18

Tgt Ion: 84 Resp: 21901
Ion Ratio Lower Upper
84 100
49 125.6 115.8 173.6
51 44.9 36.9 55.3
86 64.5 52.4 78.6

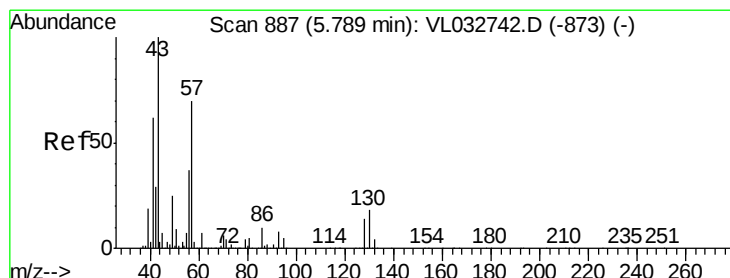
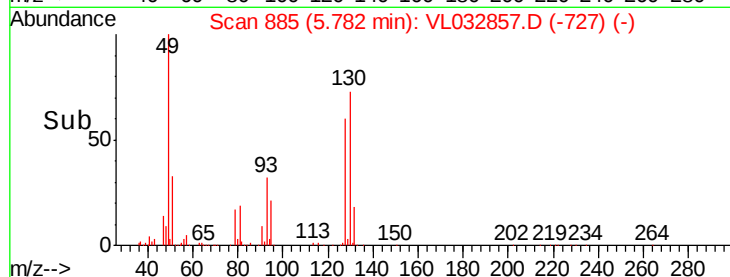
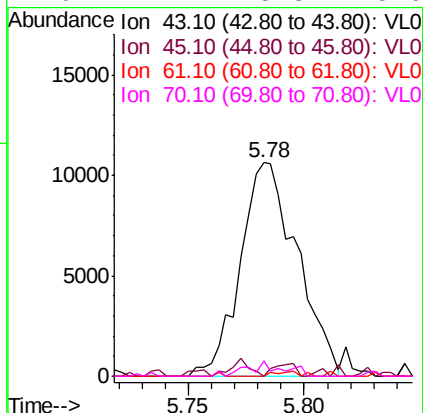
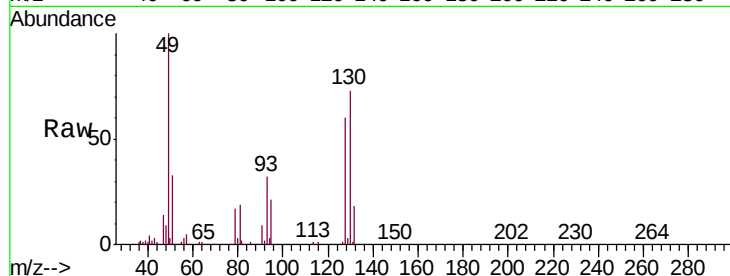




#25
Ethyl Acetate
Concen: 0.061 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.01 min
Lab File: VL032857.D
Acq: 30 Nov 2018 20:18

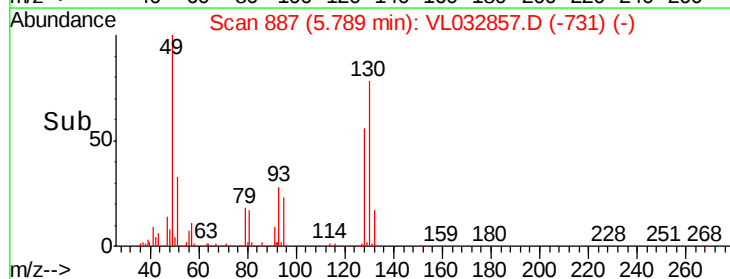
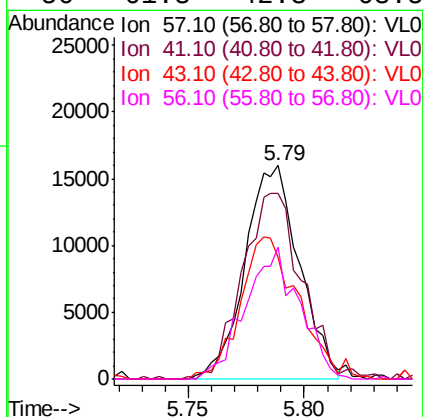
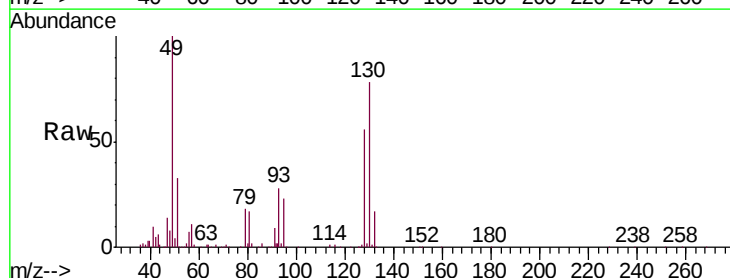
Instrument :
MSVOA_L
ClientSampleId :
DSV-02DL

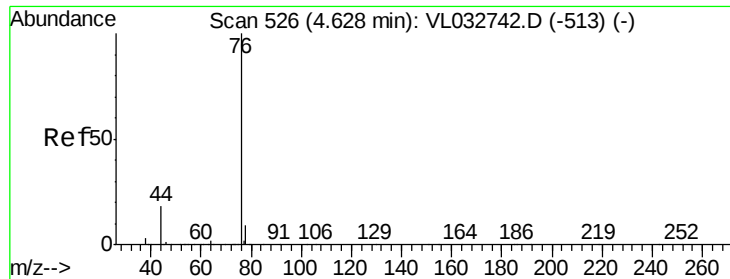
Tgt Ion:	43	Resp:	18180
Ion	Ratio	Lower	Upper
43	100		
45	6.3	7.9	11.9#
61	0.2	7.8	11.6#
70	4.4	5.8	8.6#



#26
Hexane
Concen: 0.195 ppbv
RT: 5.79 min Scan# 887
Delta R.T. 0.00 min
Lab File: VL032857.D
Acq: 30 Nov 2018 20:18

Tgt Ion:	57	Resp:	26093
Ion	Ratio	Lower	Upper
57	100		
41	95.7	70.3	105.5
43	71.4	174.0	261.0#
56	61.3	42.3	63.5





#27

Carbon Disulfide

Concen: 0.060 ppbv

RT: 4.63 min Scan# 527

Delta R.T. 0.00 min

Lab File: VL032857.D

Acq: 30 Nov 2018 20:18

Instrument :

MSVOA_L

ClientSampleId :

DSV-02DL

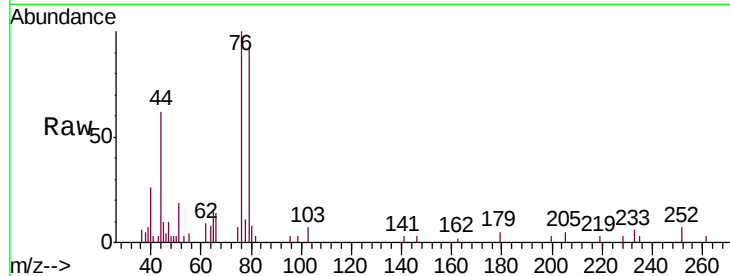
Tgt Ion: 76 Resp: 10185

Ion Ratio Lower Upper

76 100

44 52.6 14.4 21.6#

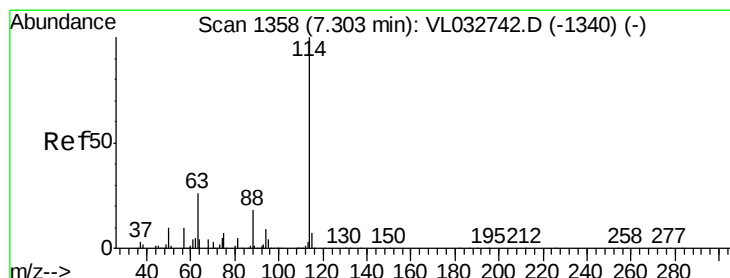
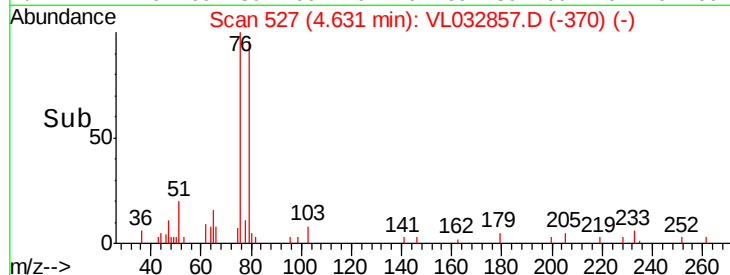
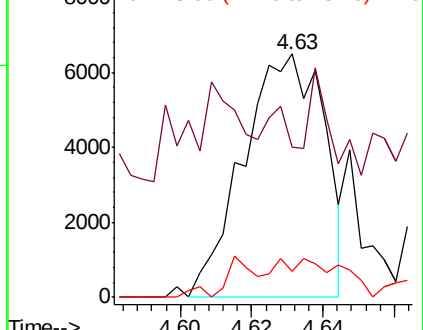
78 22.2 7.7 11.5#



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.30 min Scan# 1356

Delta R.T. -0.01 min

Lab File: VL032857.D

Acq: 30 Nov 2018 20:18

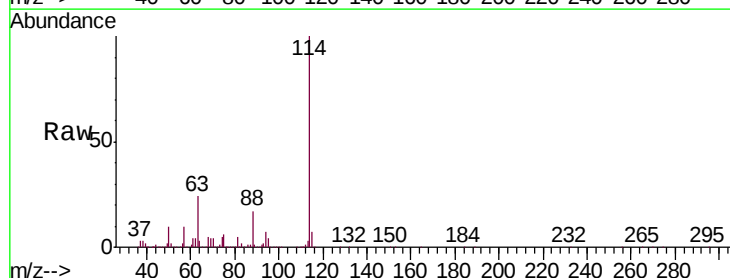
Tgt Ion: 114 Resp: 3461555

Ion Ratio Lower Upper

114 100

63 24.4 20.9 31.3

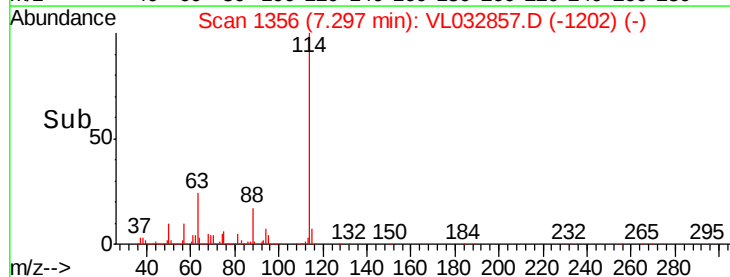
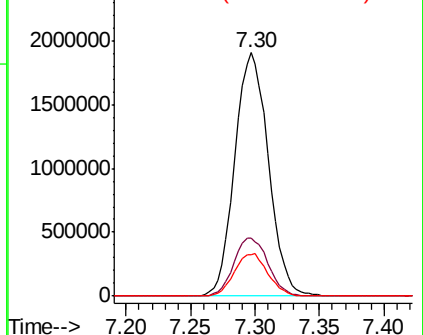
88 17.4 14.4 21.6

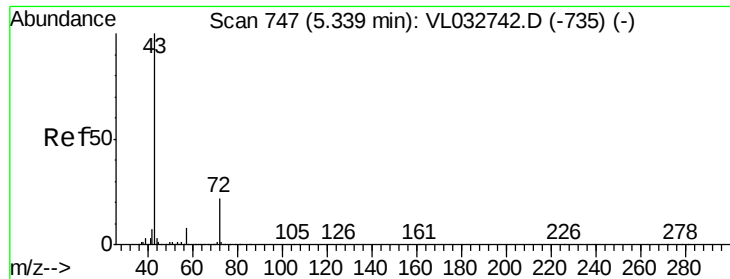


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

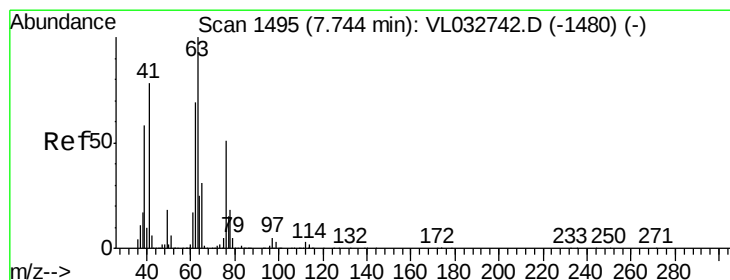
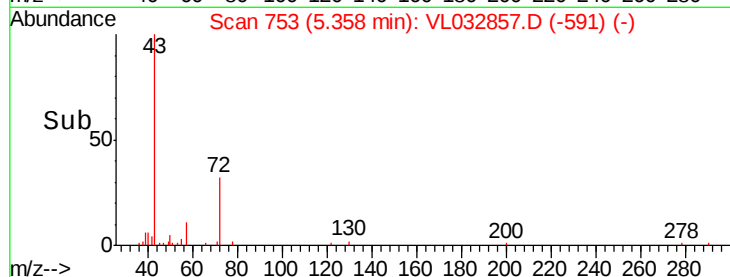
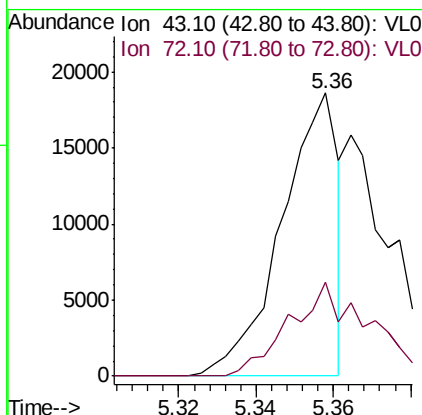
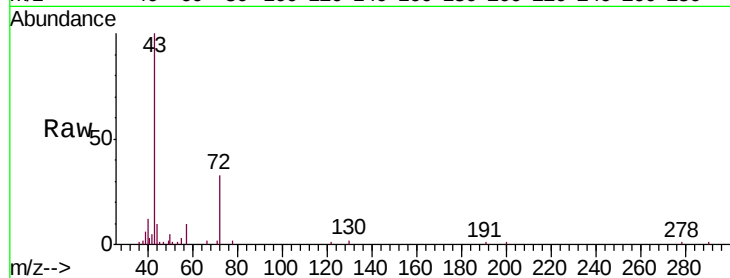




#34
2-Butanone
Concen: 0.105 ppbv
RT: 5.36 min Scan# 753
Delta R.T. 0.02 min
Lab File: VL032857.D
Acq: 30 Nov 2018 20:18

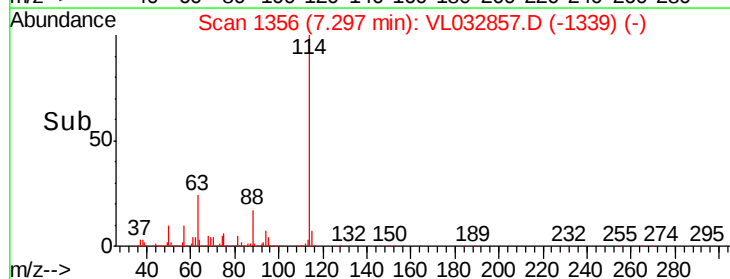
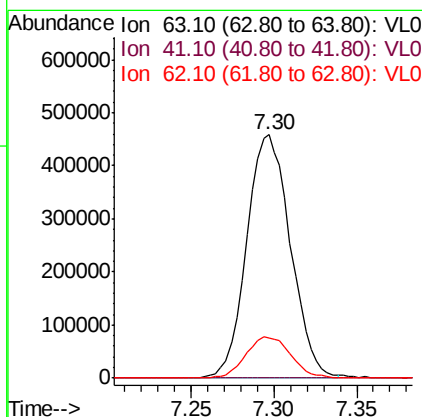
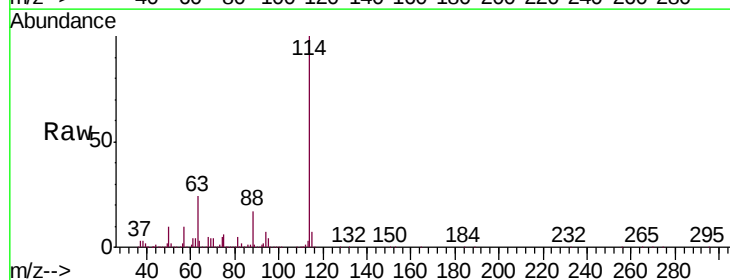
Instrument :
MSVOA_L
ClientSampleId :
DSV-02DL

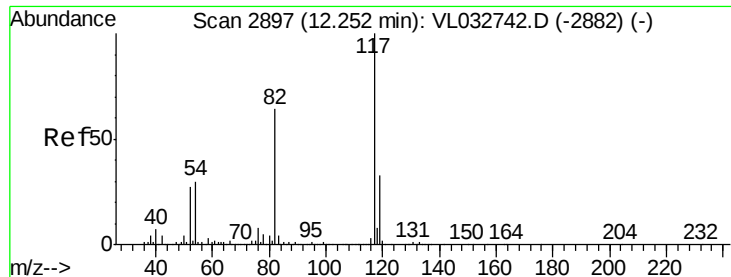
Tgt Ion: 43 Resp: 18862
Ion Ratio Lower Upper
43 100
72 49.7 18.4 27.6#



#39
1,2-Dichloropropane
Concen: 7.986 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.45 min
Lab File: VL032857.D
Acq: 30 Nov 2018 20:18

Tgt Ion: 63 Resp: 838724
Ion Ratio Lower Upper
63 100
41 0.0 62.0 93.0#
62 16.3 55.4 83.2#

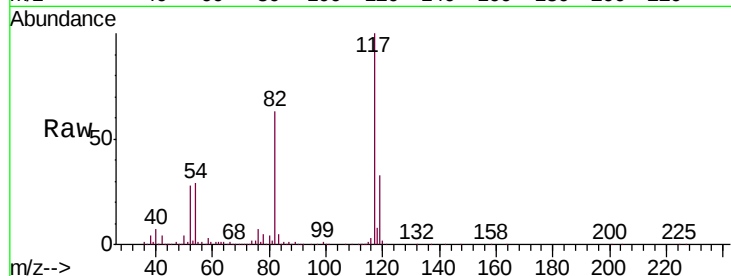




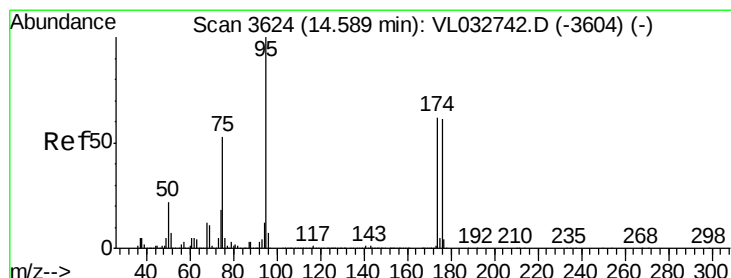
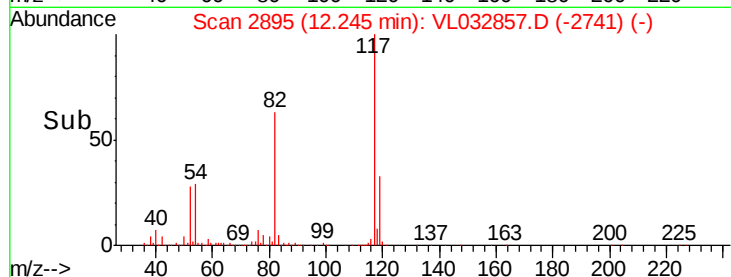
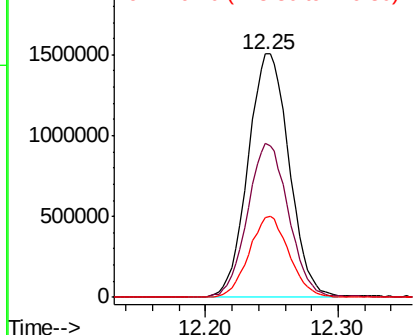
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032857.D
Acq: 30 Nov 2018 20:18

Instrument :
MSVOA_L
ClientSampleId :
DSV-02DL

Tgt Ion: 117 Resp: 3245213
Ion Ratio Lower Upper
117 100
82 63.6 51.0 76.6
119 32.4 28.0 42.0

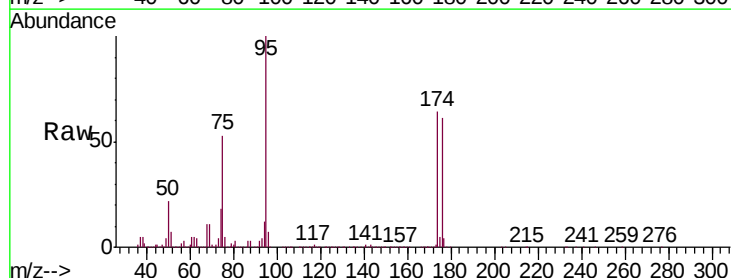


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.084 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032857.D
Acq: 30 Nov 2018 20:18

Tgt Ion: 95 Resp: 2447716
Ion Ratio Lower Upper
95 100
174 66.1 50.7 76.1
175 4.8 3.8 5.6



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

