

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL121317\
 Data File : VL031234.D
 Acq On : 14 Dec 2017 16:29
 Operator : SY/AP
 Sample : I6907-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDL

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Quant Time: Dec 15 07:07:11 2017
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL121317AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Dec 14 2017
 QLast Update : Thu Dec 14 04:29:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.91	49	1664273	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.45	114	4096959	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.41	117	4068686	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.75	95	3107472	10.74	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.15	41	75138m	0.81	ppbv	
11) Trichlorofluoromethane	4.13	101	23557	0.10	ppbv	91
12) 1,1,2-Trichlorotrifluoroet	4.69	101	20115	0.12	ppbv	94
13) Ethanol	3.79	45	25682	0.96	ppbv	96
15) Acetone	4.05	43	77039	0.35	ppbv #	77
18) 1,1-Dichloroethene	4.49	96	21931	0.30	ppbv	84
20) Methylene Chloride	4.54	84	19698	0.27	ppbv	92
22) trans-1,2-Dichloroethene	5.10	96	10568m	0.12	ppbv	
24) 1,1-Dichloroethane	5.23	63	291188	1.13	ppbv	100
32) 1,1,1-Trichloroethane	6.77	97	1937665	6.31	ppbv	99

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

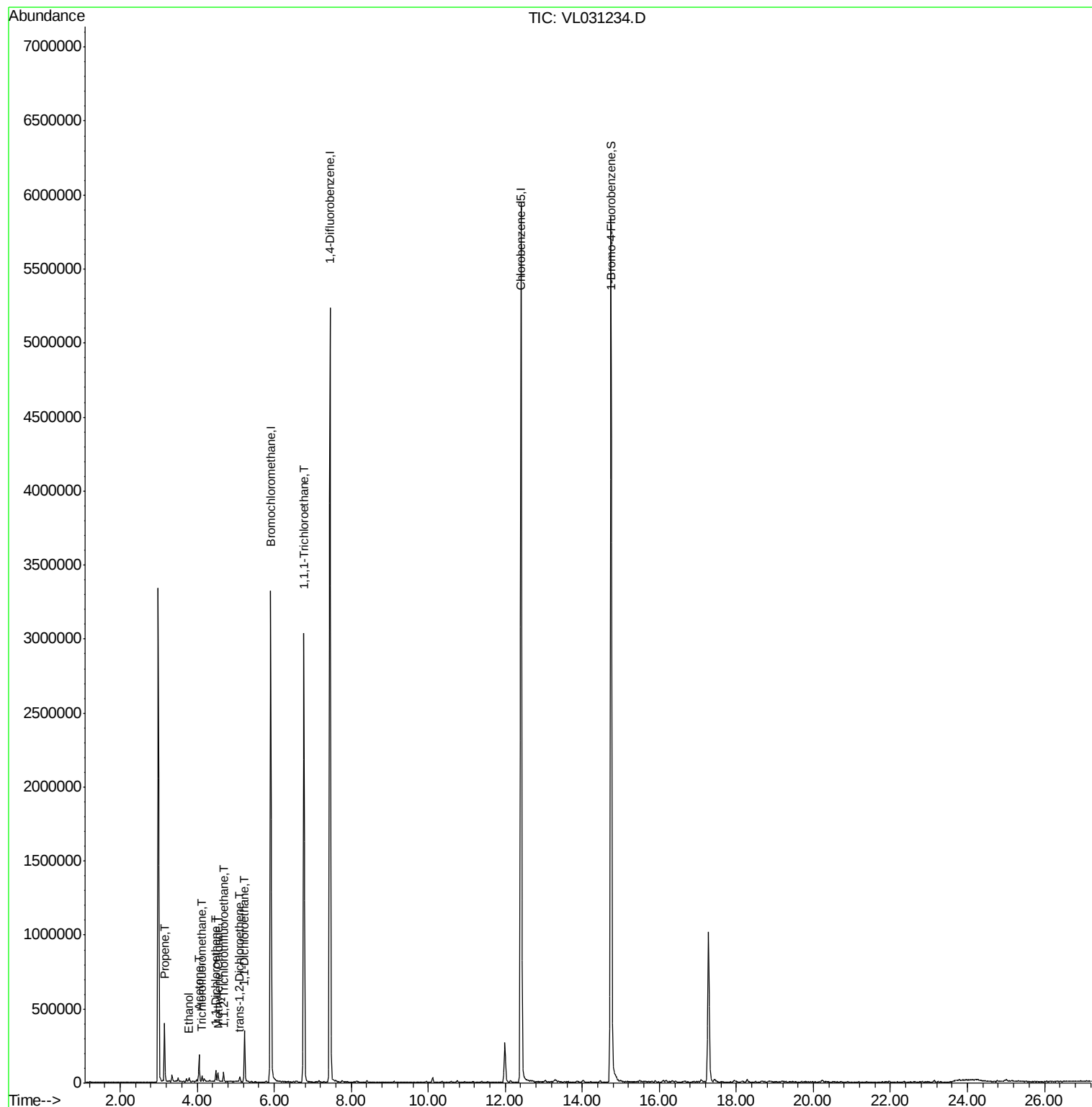
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL121317\
Data File : VL031234.D
Acq On : 14 Dec 2017 16:29
Operator : SY/AP
Sample : I6907-02DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

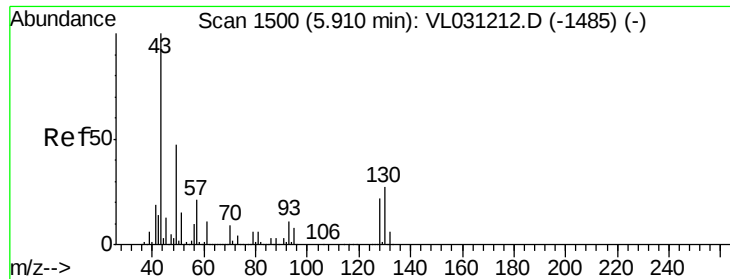
Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDL

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Quant Time: Dec 15 07:07:11 2017
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL121317AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Dec
QLast Update : Thu Dec 14 04:29:58 2017
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.91 min Scan# 1499

Delta R.T. -0.00 min

Lab File: VL031234.D

Acq: 14 Dec 2017 16:29

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDL

Tot Ion: 49 Resp: 1664273

Ion Ratio Lower Upper

49 100

128 49.2 23.2 69.5

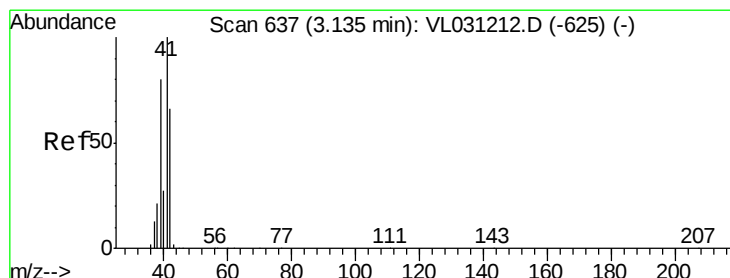
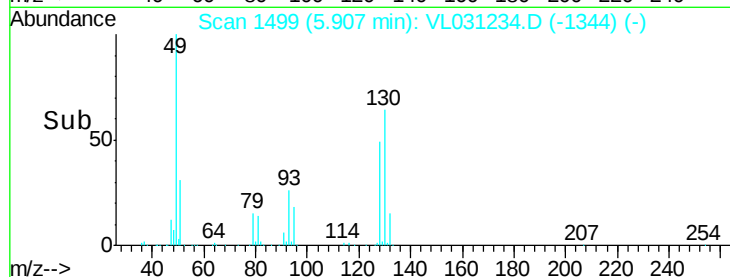
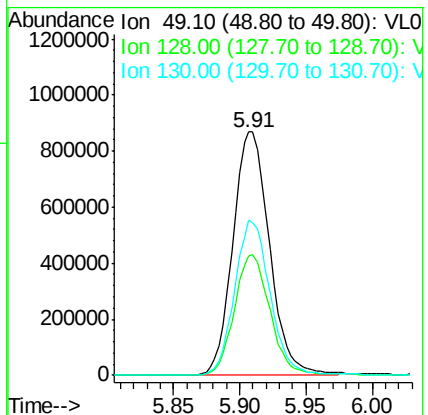
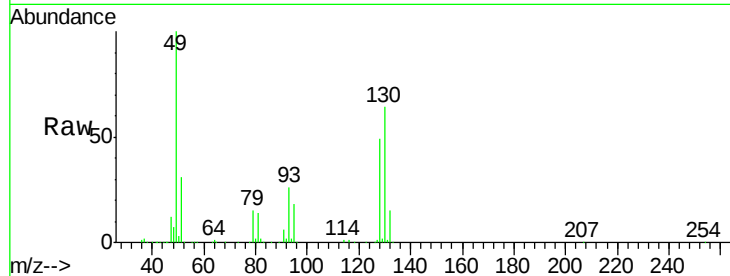
130 63.1 29.6 88.8

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#9

Propene

Concen: 0.81 ppbv m

RT: 3.15 min Scan# 642

Delta R.T. 0.02 min

Lab File: VL031234.D

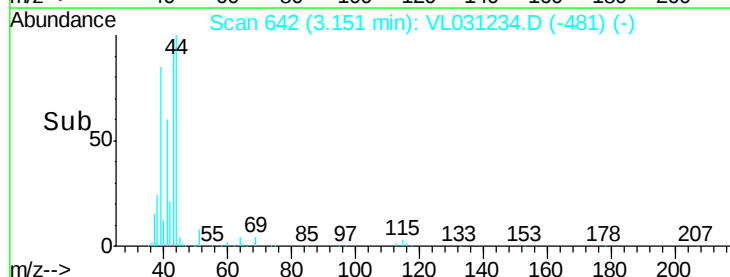
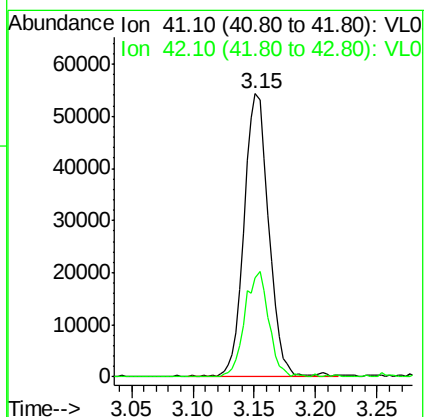
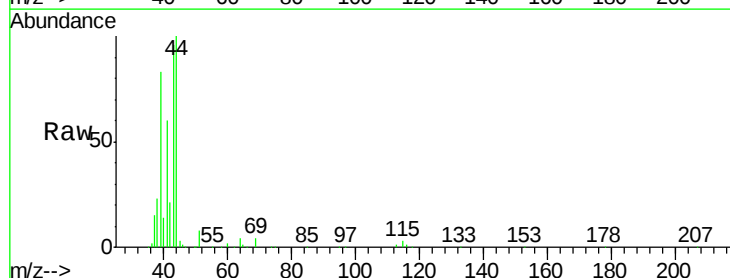
Acq: 14 Dec 2017 16:29

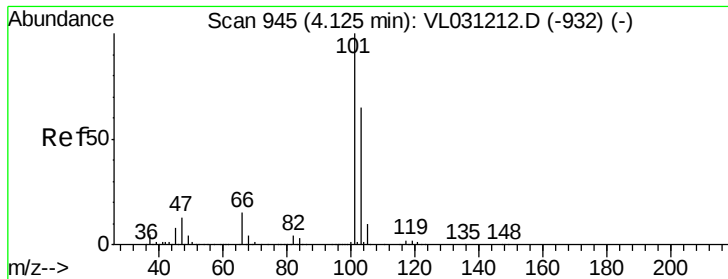
Tgt Ion: 41 Resp: 75138

Ion Ratio Lower Upper

41 100

42 15.3 54.3 81.5#





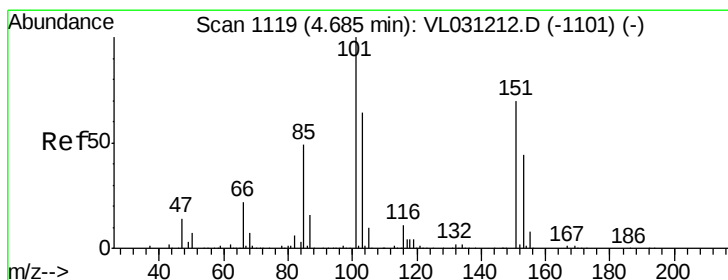
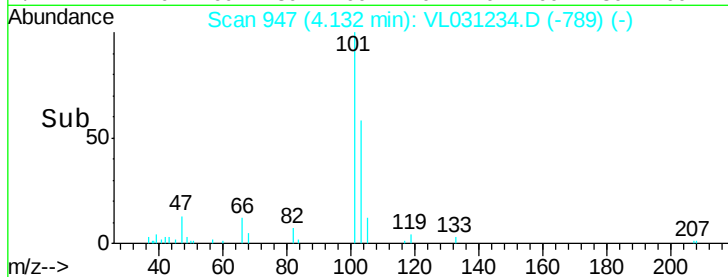
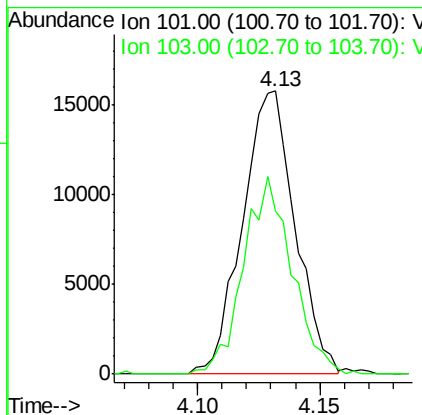
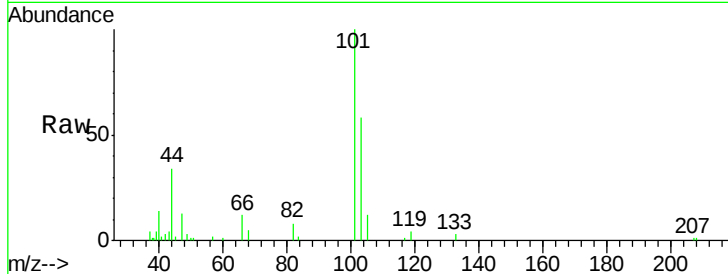
#11
 Trichlorofluoromethane
 Concen: 0.10 ppbv
 RT: 4.13 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: VL031234.D
 Acq: 14 Dec 2017 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDL

Tot Ion	Ratio	Resp	Lower	Upper
101	100	23557		
103	57.8		51.8	77.8

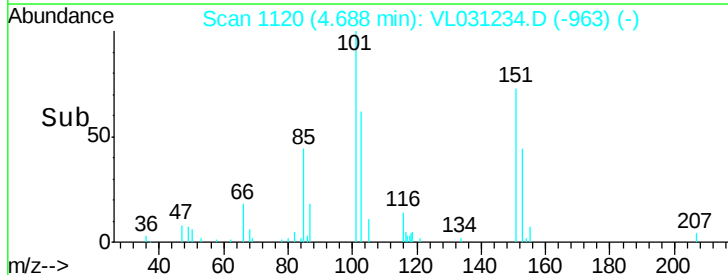
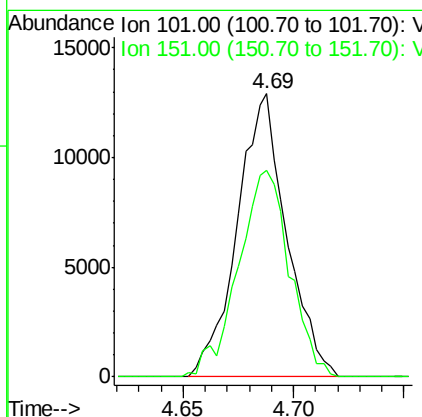
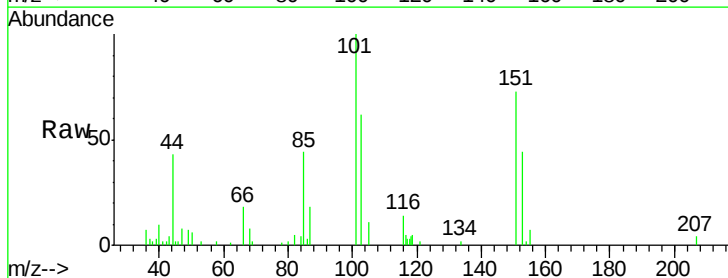
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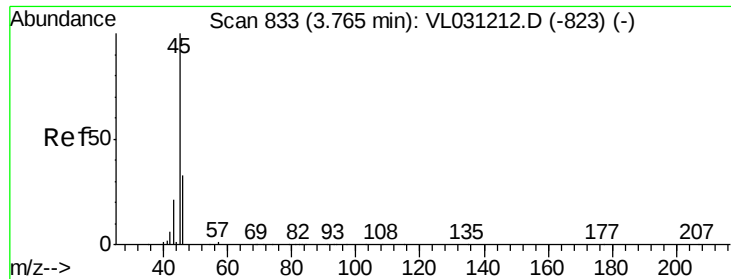
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.12 ppbv
 RT: 4.69 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: VL031234.D
 Acq: 14 Dec 2017 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	20115		
151	75.8		56.5	84.7





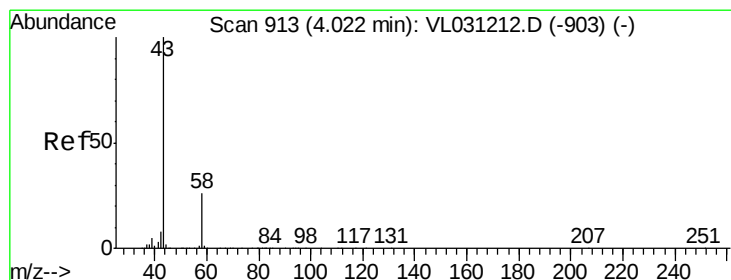
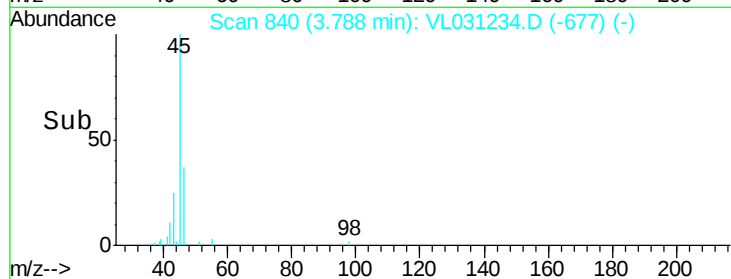
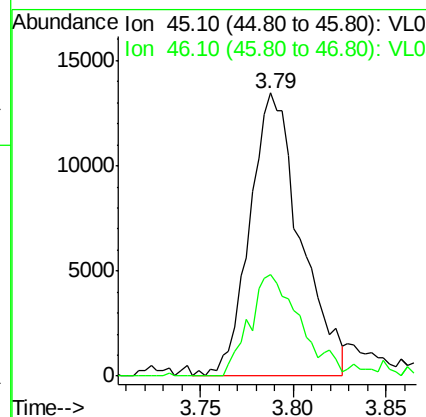
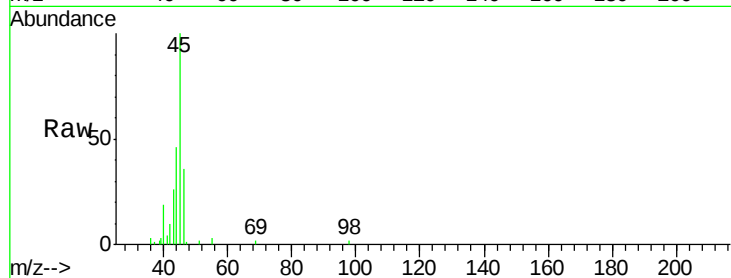
#13
Ethanol
Concen: 0.96 ppbv
RT: 3.79 min Scan# 840
Delta R.T. 0.02 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDL

Tot Ion	45	Resp	25682
Ion Ratio	100	Lower	Upper
46	38.8	14.6	58.4

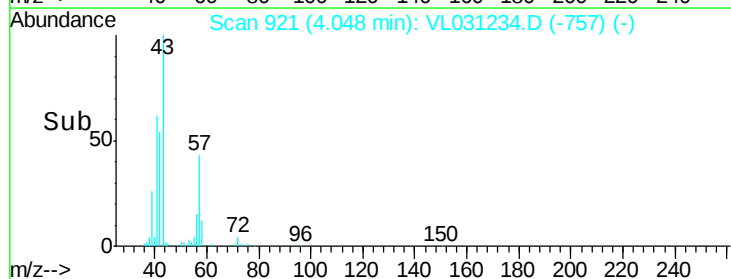
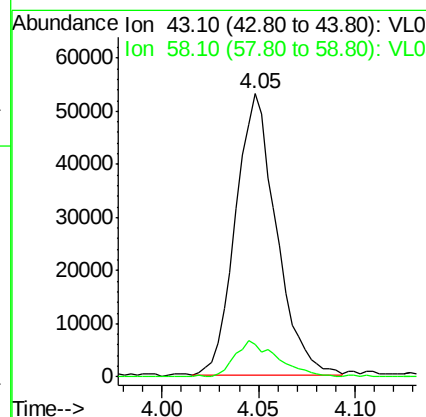
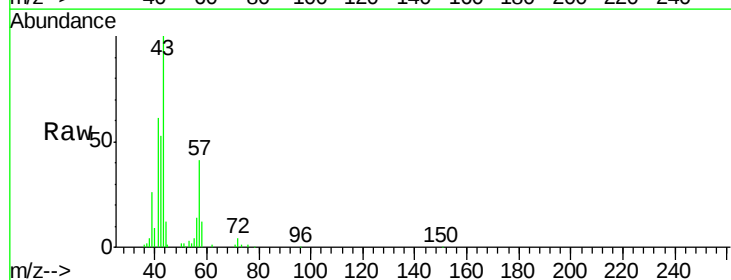
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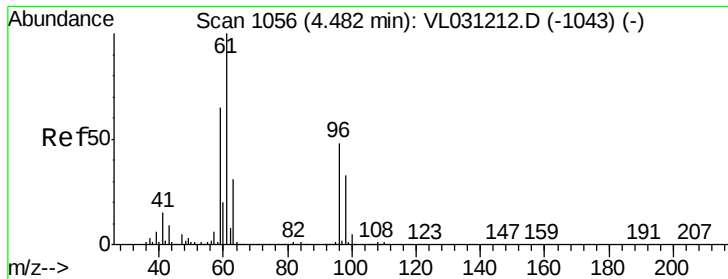
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#15
Acetone
Concen: 0.35 ppbv
RT: 4.05 min Scan# 921
Delta R.T. 0.03 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Tgt Ion	43	Resp	77039
Ion Ratio	100	Lower	Upper
58	13.9	20.3	30.5#





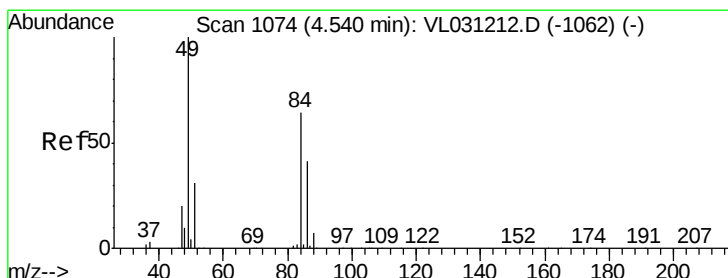
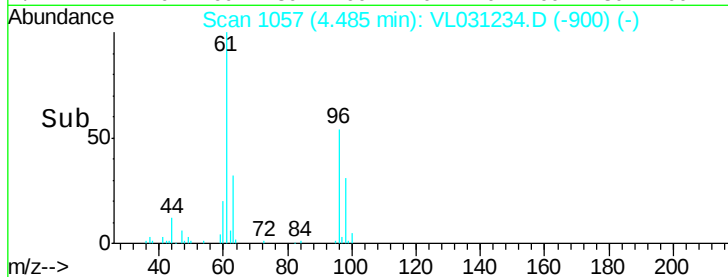
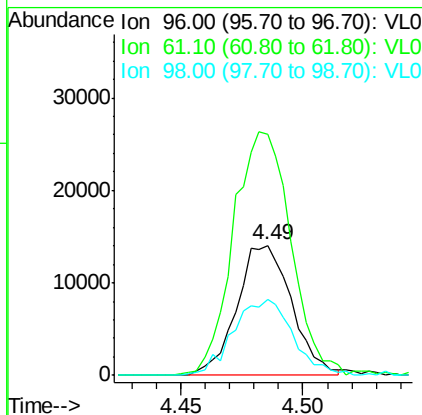
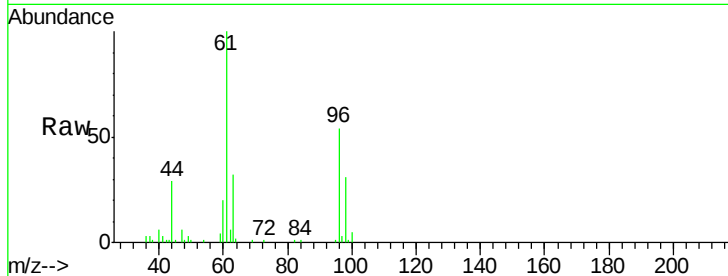
#18
 1,1-Dichloroethene
 Concen: 0.30 ppbv
 RT: 4.49 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: VL031234.D
 Acq: 14 Dec 2017 16:29

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDL

Tot Ion	Ratio	Lower	Upper
96	100		
61	183.6	166.8	250.2
98	57.3	55.0	82.6

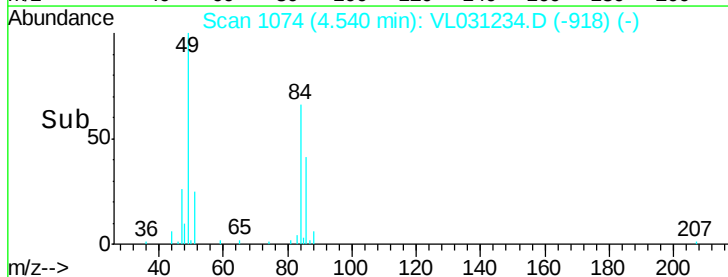
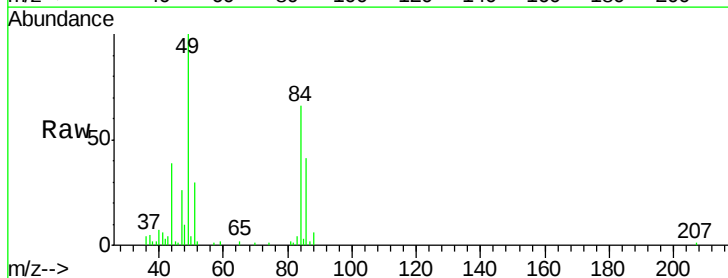
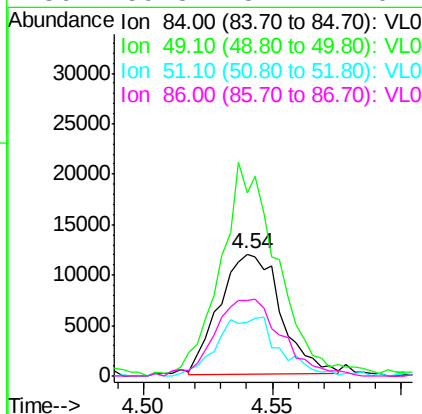
Manual Integrations
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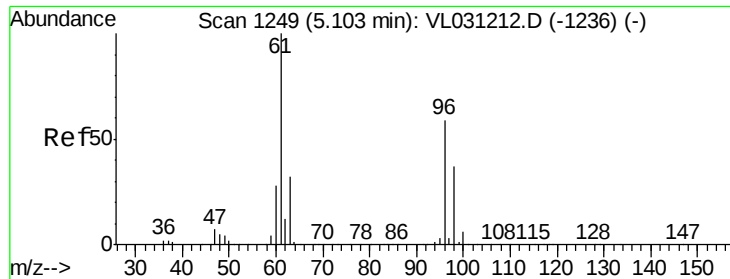
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#20
 Methylene Chloride
 Concen: 0.27 ppbv
 RT: 4.54 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VL031234.D
 Acq: 14 Dec 2017 16:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	144.7	125.8	188.6
51	44.1	39.3	58.9
86	59.8	51.1	76.7





#22

trans-1,2-Dichloroethene

Concen: 0.12 ppbv m

RT: 5.10 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VL031234.D

Acq: 14 Dec 2017 16:29

Instrument :

MSVOA_L

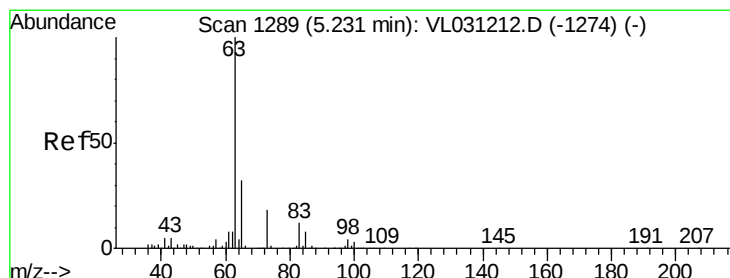
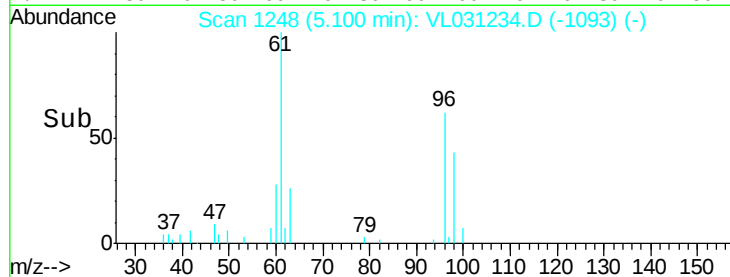
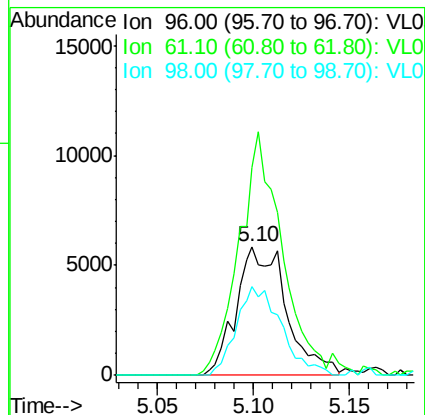
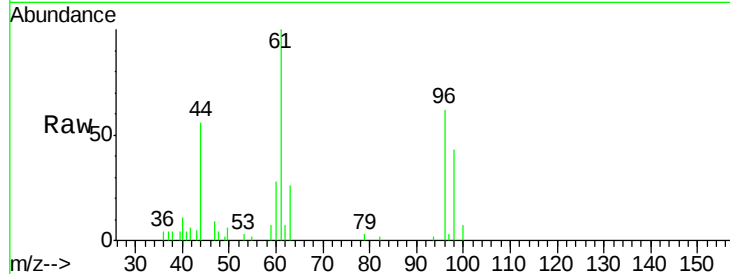
ClientSampled :

EFFLUENTDL

Tot Ion:	96	Resp:	10568
Ion Ratio	Lower	Upper	
96	100		
61	160.8	135.0	202.4
98	69.2	50.5	75.7

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#24

1,1-Dichloroethane

Concen: 1.13 ppbv

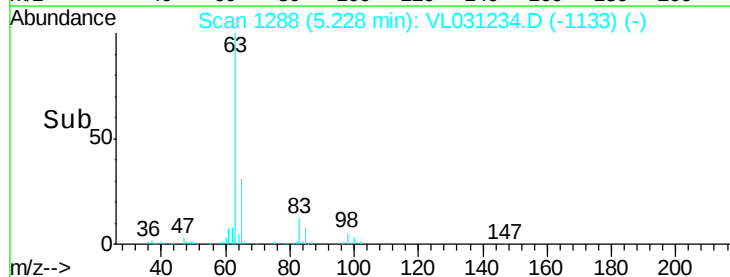
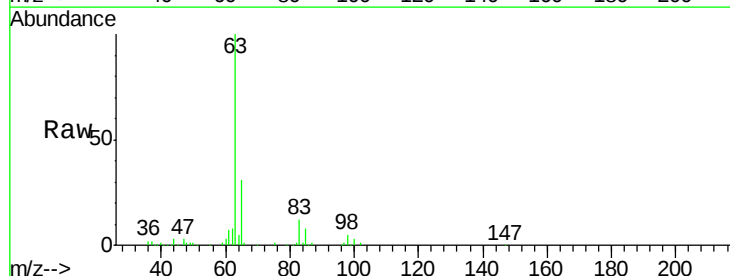
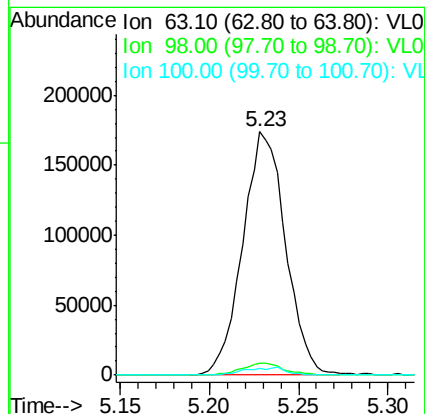
RT: 5.23 min Scan# 1288

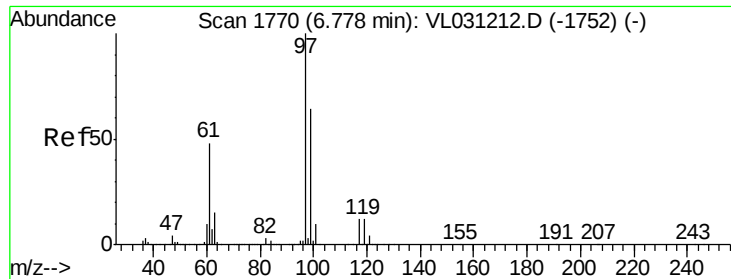
Delta R.T. -0.00 min

Lab File: VL031234.D

Acq: 14 Dec 2017 16:29

Tgt Ion:	63	Resp:	291188
Ion Ratio	Lower	Upper	
63	100		
98	4.7	2.3	6.8
100	2.9	1.4	4.2





#32

1,1,1-Trichloroethane

Concen: 6.31 ppbv

RT: 6.77 min Scan# 1768

Delta R.T. -0.01 min

Lab File: VL031234.D

Acq: 14 Dec 2017 16:29

Instrument :

MSVOA_L

ClientSampleId :

EFFLUENTDL

Tot Ion: 97 Resp: 1937665

Ion Ratio Lower Upper

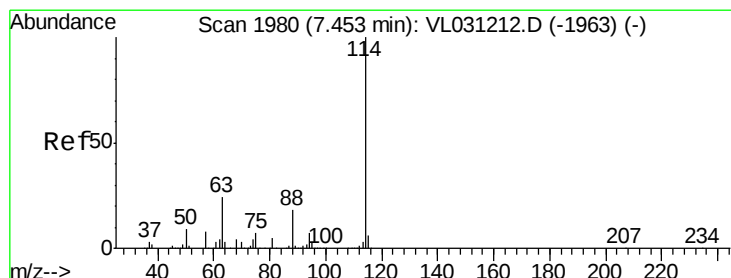
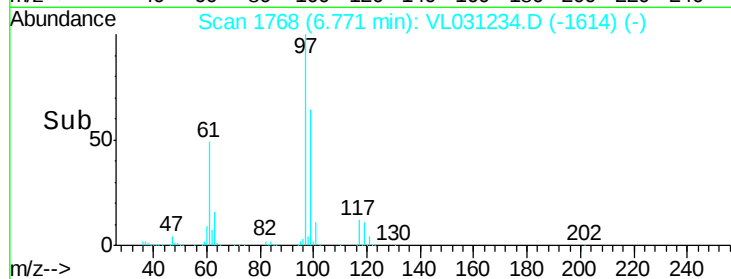
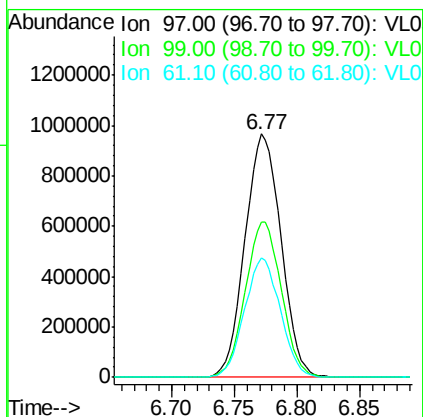
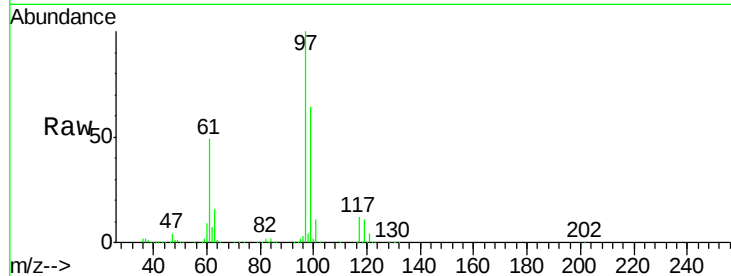
97 100

99 63.8 51.4 77.0

61 48.7 38.4 57.6

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#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.45 min Scan# 1978

Delta R.T. -0.01 min

Lab File: VL031234.D

Acq: 14 Dec 2017 16:29

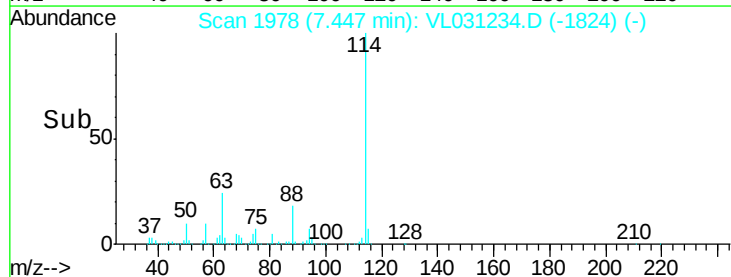
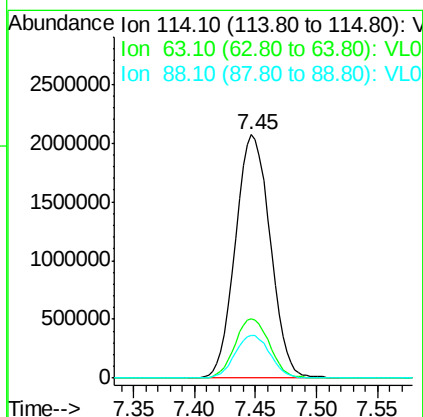
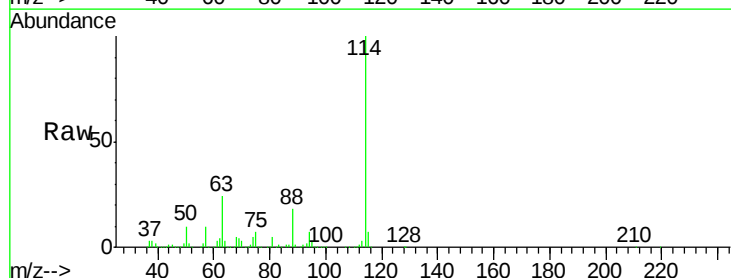
Tgt Ion: 114 Resp: 4096959

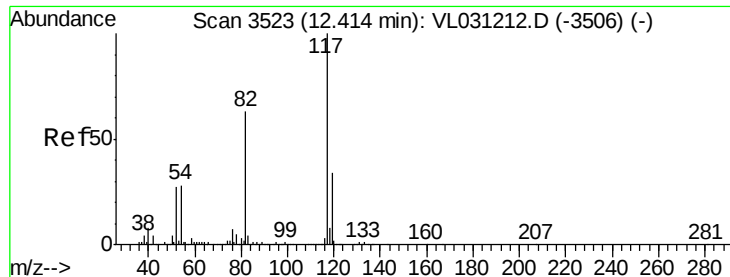
Ion Ratio Lower Upper

114 100

63 24.5 19.8 29.8

88 17.7 14.2 21.4





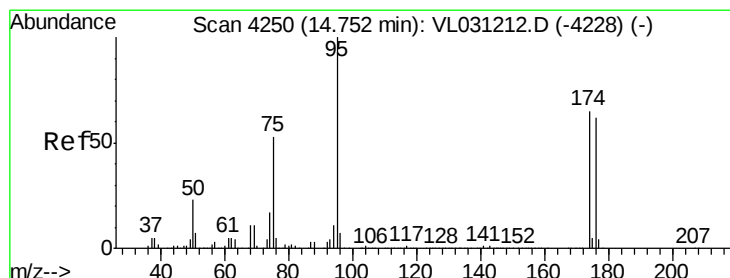
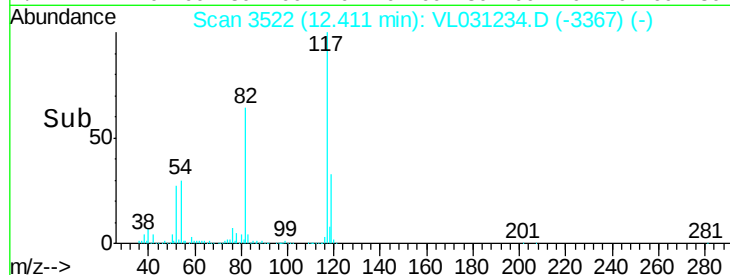
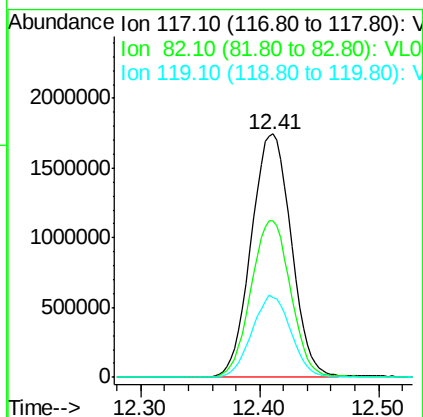
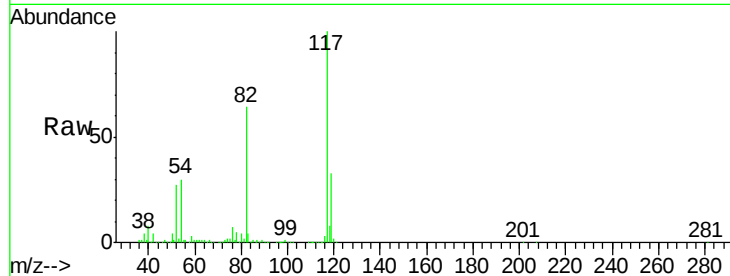
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.41 min Scan# 3522
Delta R.T. -0.00 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Instrument :
MSVOA_L
ClientSampleId :
EFFLUENTDL

Tot Ion:117 Resp: 4068686
Ion Ratio Lower Upper
117 100
82 64.2 48.1 72.1
119 33.2 23.1 34.7

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.74 ppbv
RT: 14.75 min Scan# 4248
Delta R.T. -0.01 min
Lab File: VL031234.D
Acq: 14 Dec 2017 16:29

Tgt Ion: 95 Resp: 3107472
Ion Ratio Lower Upper
95 100
174 63.1 52.5 78.7
175 4.8 4.1 6.1

