

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120219\
 Data File : VL034429.D
 Acq On : 2 Dec 2019 16:54
 Operator : SY/AP
 Sample : K6068-02DL2 80X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL2

Manual Integrations
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Quant Time: Dec 03 03:55:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	888519	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	1786207	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.15	117	1725595	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.48	95	1438339	9.91	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	217617	1.354	ppbv	93
9) Propene	2.99	41	7590	0.154	ppbv #	61
13) Ethanol	3.61	45	6971	0.508	ppbv #	40
15) Acetone	3.86	43	88010	0.692	ppbv	97
19) Isopropyl Alcohol	3.99	45	93346m	1.145	ppbv	
29) Chloroform	5.77	83	38426	0.243	ppbv	88
31) cis-1,2-Dichloroethene	5.57	61	244844	2.429	ppbv	93
32) 1,1,1-Trichloroethane	6.54	97	181469	1.225	ppbv	97
38) Trichloroethene	7.88	130	4414332	60.243	ppbv	96
52) Tetrachloroethene	11.28	164	271141	3.510	ppbv	93

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

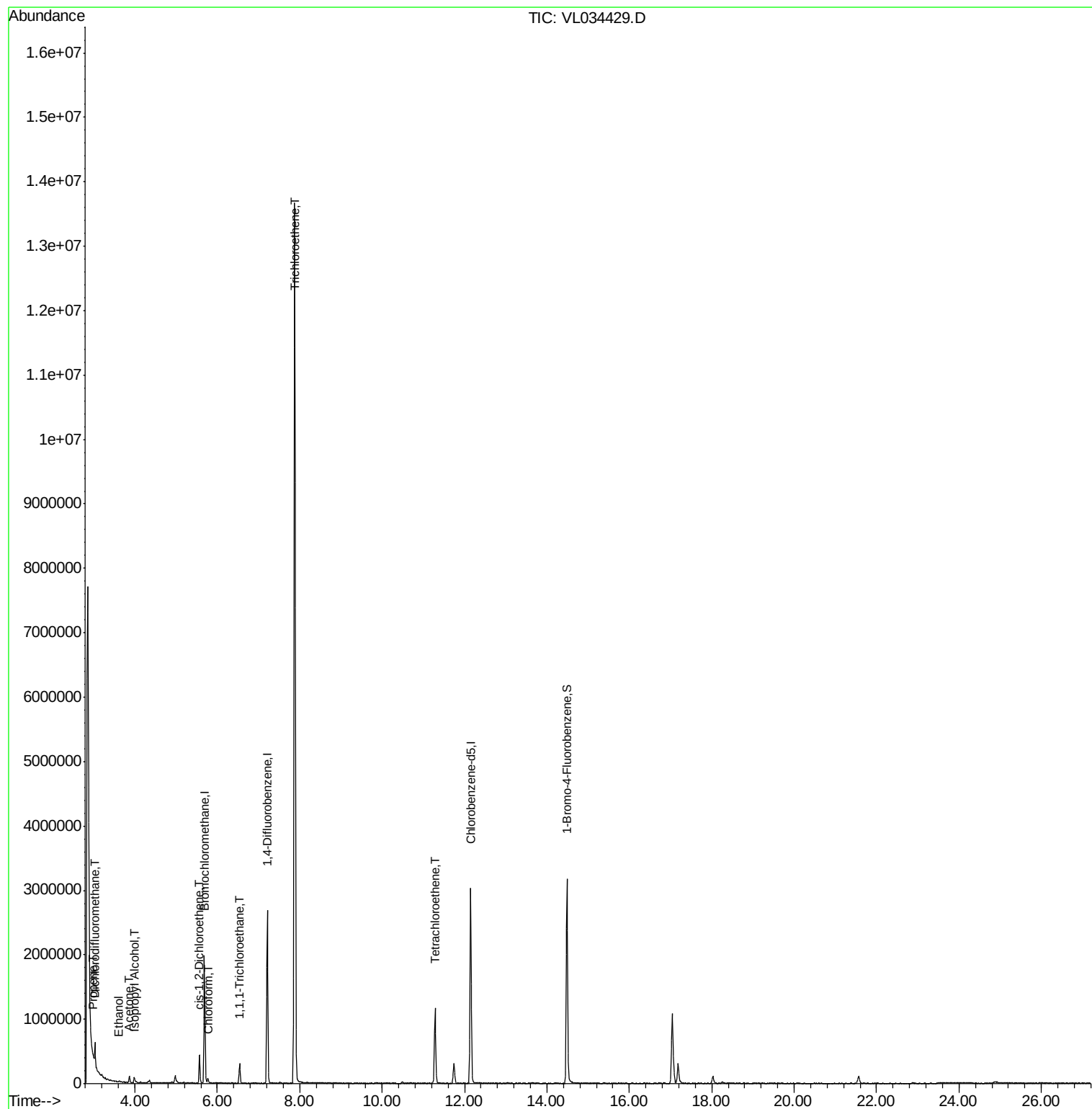
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120219\
Data File : VL034429.D
Acq On : 2 Dec 2019 16:54
Operator : SY/AP
Sample : K6068-02DL2 80X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

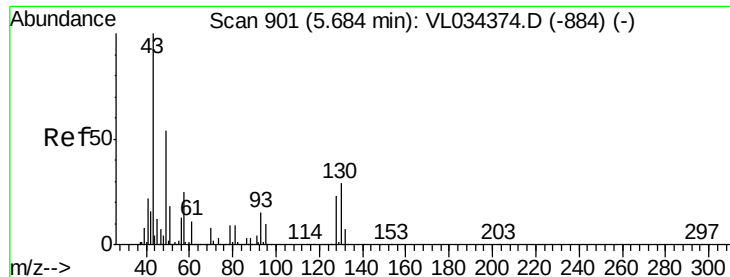
Instrument :
MSVOA_L
ClientSampleId :
SV-2DL2

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Quant Time: Dec 03 03:55:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.00 min

Lab File: VL034429.D

Acq: 2 Dec 2019 16:54

Instrument :

MSVOA_L

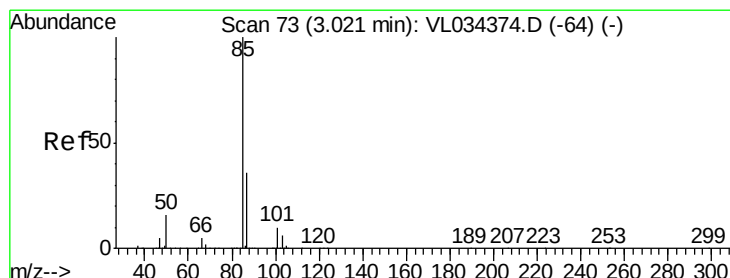
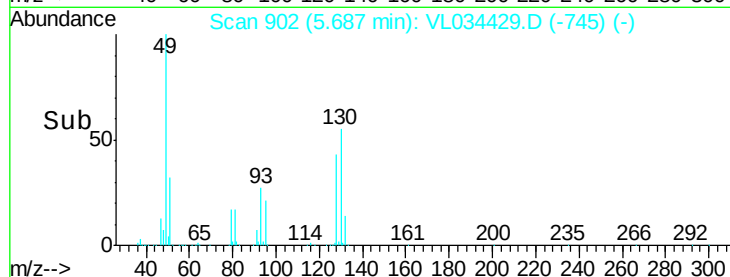
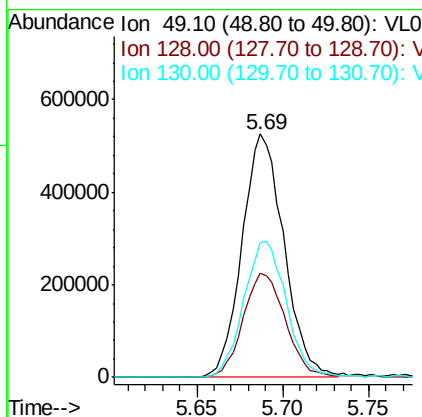
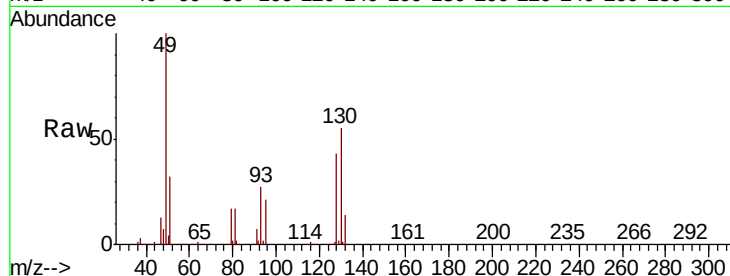
ClientSampleId :

SV-2DL2

Tot Ion:	49	Resp:	888519
Ion	Ratio	Lower	Upper
49	100		
128	43.7	21.8	65.3
130	57.1	28.0	84.0

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#2

Dichlorodifluoromethane

Concen: 1.354 ppbv

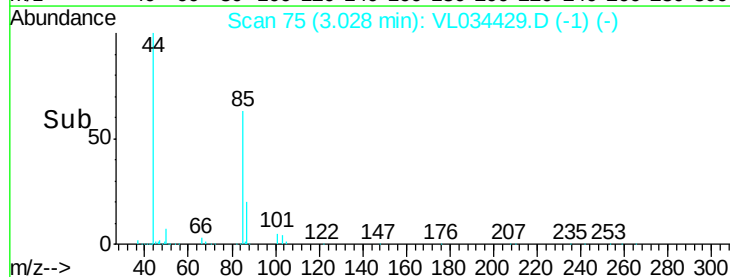
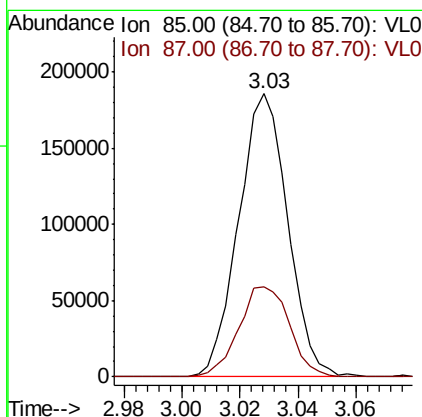
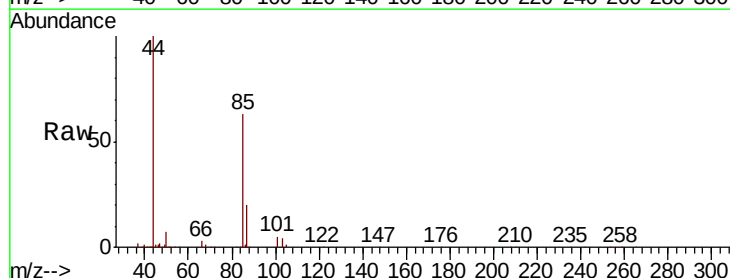
RT: 3.03 min Scan# 75

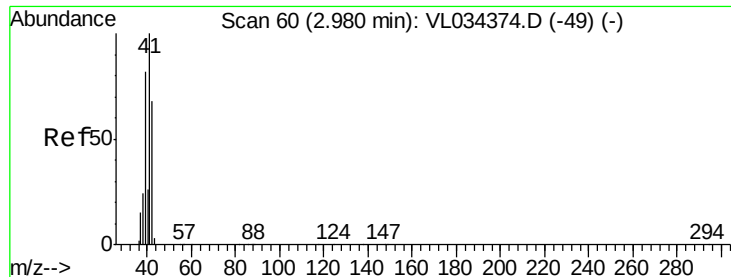
Delta R.T. 0.01 min

Lab File: VL034429.D

Acq: 2 Dec 2019 16:54

Tgt Ion:	85	Resp:	217617
Ion	Ratio	Lower	Upper
85	100		
87	31.3	28.5	42.7





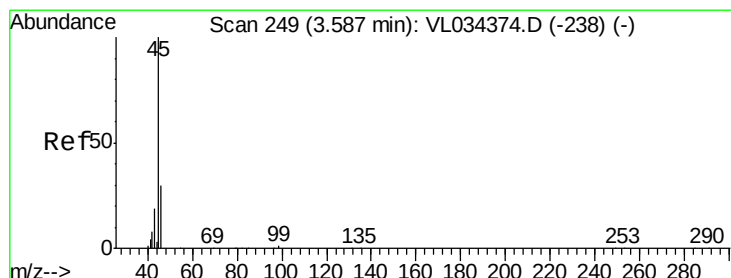
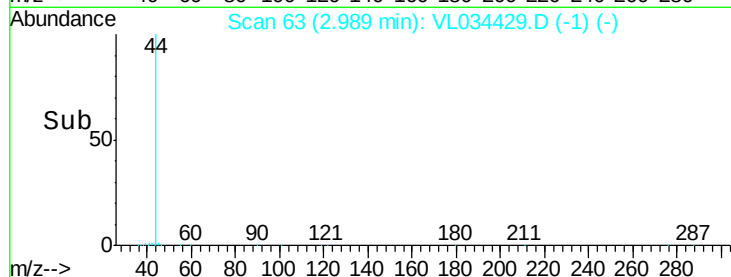
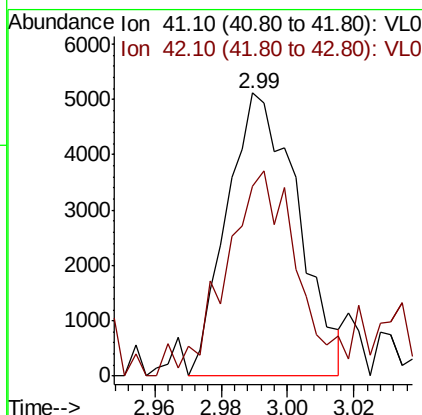
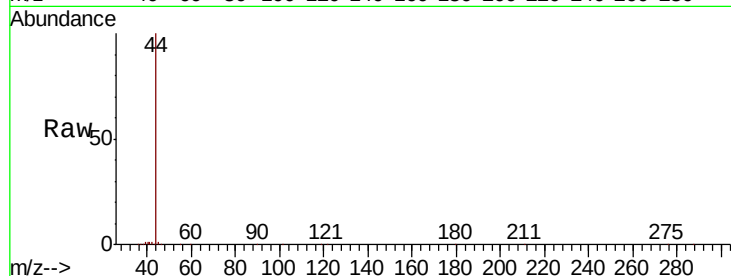
#9
Propene
Concen: 0.154 ppbv
RT: 2.99 min Scan# 63
Delta R.T. 0.01 min
Lab File: VL034429.D
Acq: 2 Dec 2019 16:54

Instrument :
MSVOA_L
ClientSampled :
SV-2DL2

Tot Ion: 41 Resp: 7590
Ion Ratio Lower Upper
41 100
42 100.0 54.6 82.0#

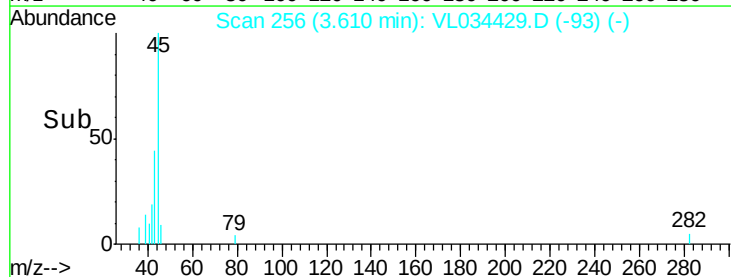
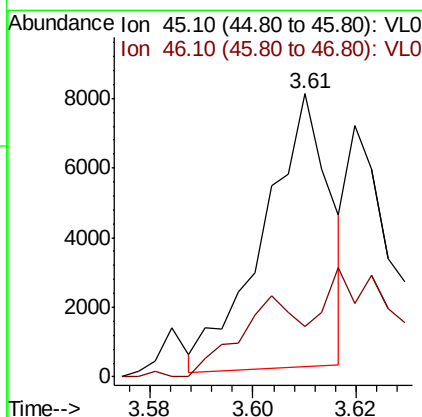
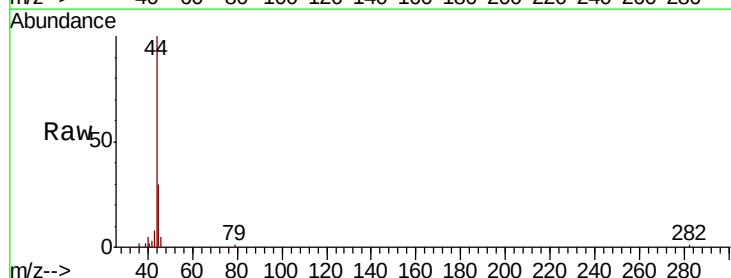
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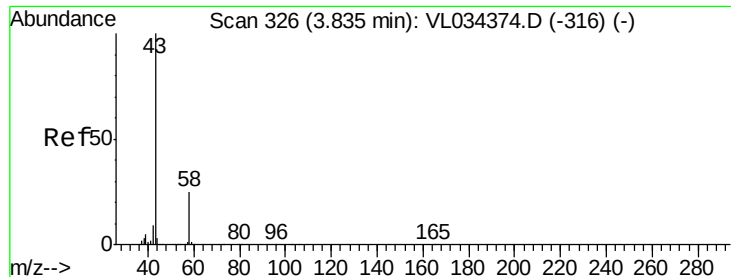
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#13
Ethanol
Concen: 0.508 ppbv
RT: 3.61 min Scan# 256
Delta R.T. 0.02 min
Lab File: VL034429.D
Acq: 2 Dec 2019 16:54

Tgt Ion: 45 Resp: 6971
Ion Ratio Lower Upper
45 100
46 0.0 13.8 55.4#





#15

Acetone

Concen: 0.692 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.03 min

Lab File: VL034429.D

Acq: 2 Dec 2019 16:54

Instrument :

MSVOA_L

ClientSampleId :

SV-2DL2

Tot Ion: 43 Resp: 88010

Ion Ratio Lower Upper

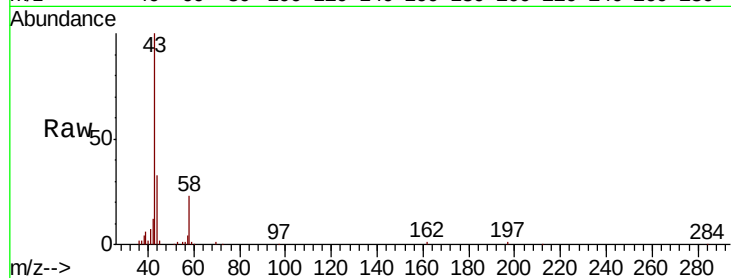
43 100

58 26.6 20.2 30.4

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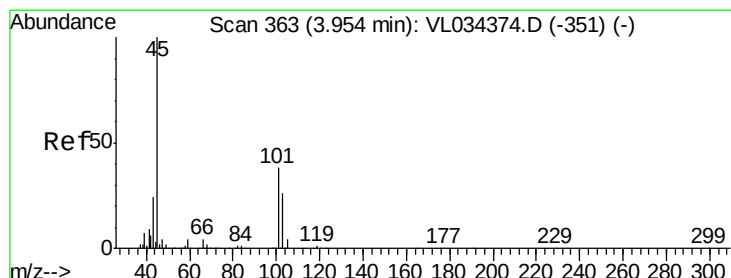
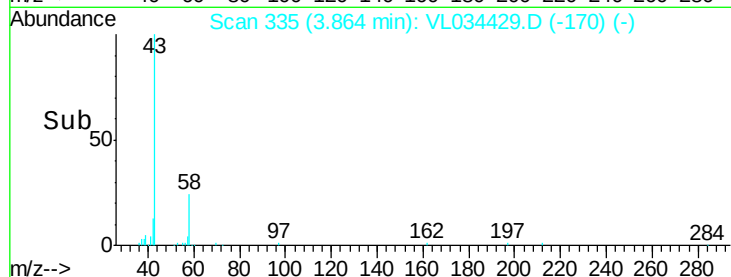
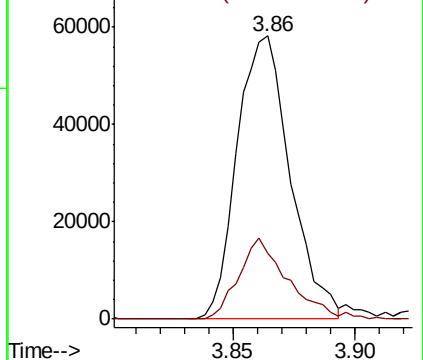
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#19

Isopropyl Alcohol

Concen: 1.145 ppbv m

RT: 3.99 min Scan# 373

Delta R.T. 0.03 min

Lab File: VL034429.D

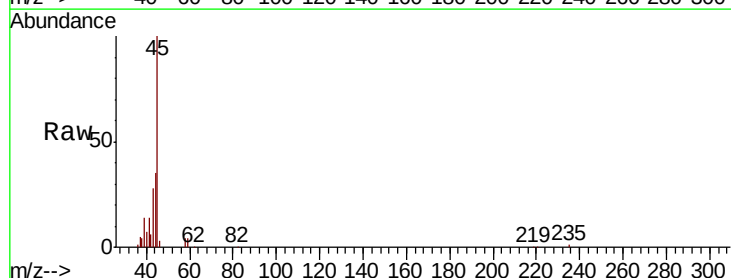
Acq: 2 Dec 2019 16:54

Tgt Ion: 45 Resp: 93346

Ion Ratio Lower Upper

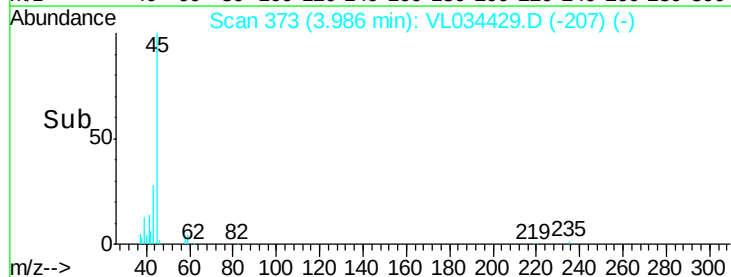
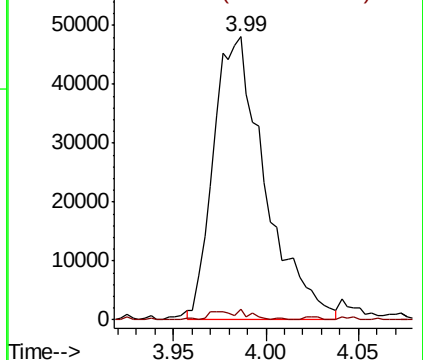
45 100

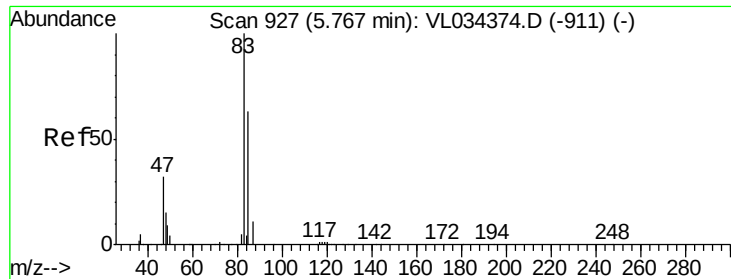
58 0.0 1.3 1.9#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





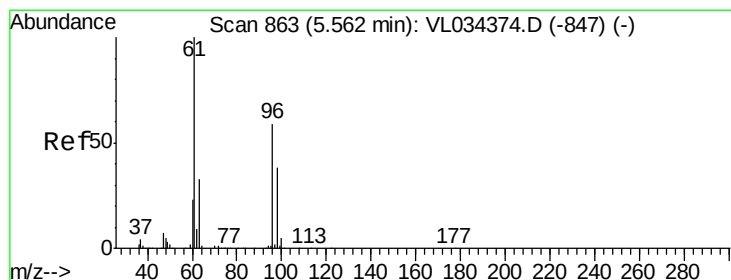
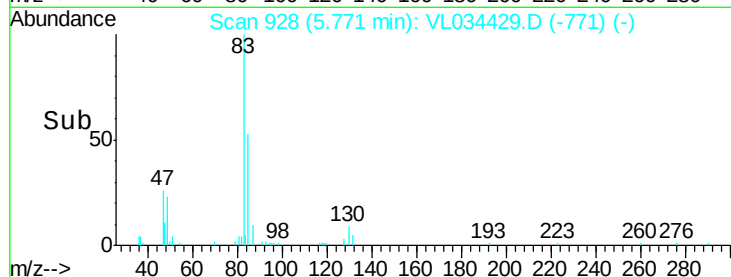
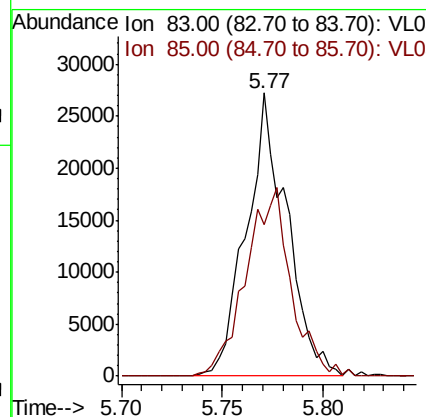
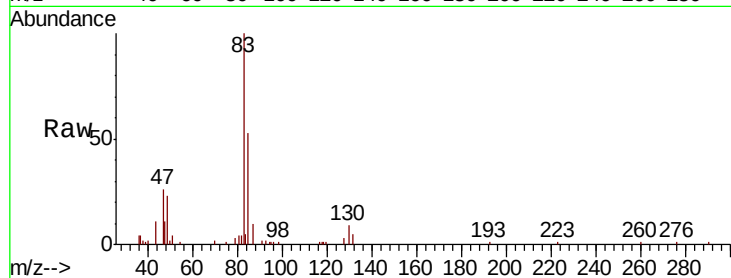
#29
Chloroform
Concen: 0.243 ppbv
RT: 5.77 min Scan# 928
Delta R.T. 0.00 min
Lab File: VL034429.D
Acq: 2 Dec 2019 16:54

Instrument :
MSVOA_L
ClientSampleId :
SV-2DL2

Tot Ion	83	Resp	38426
Ion Ratio	100	Lower	Upper
83	100		
85	53.3	50.4	75.6

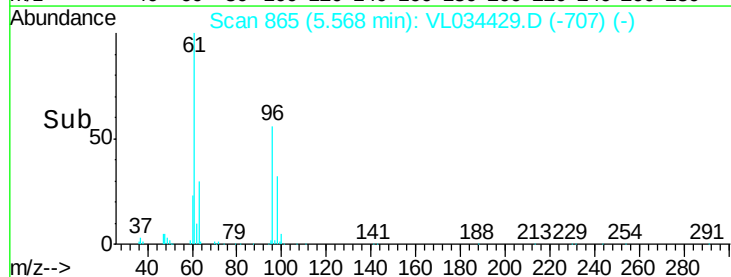
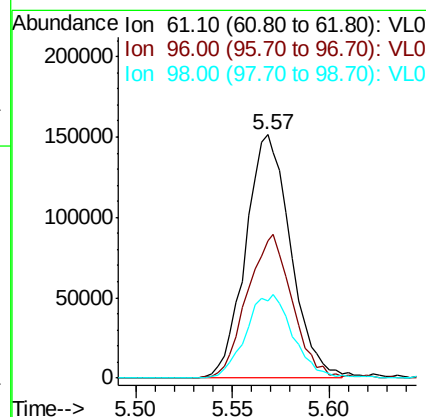
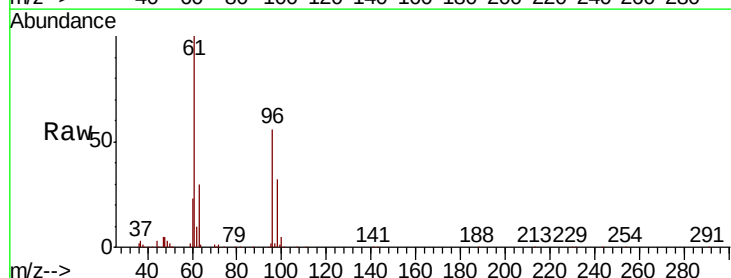
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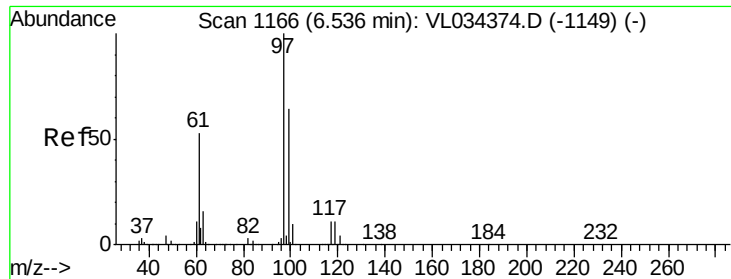
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#31
cis-1,2-Dichloroethene
Concen: 2.429 ppbv
RT: 5.57 min Scan# 865
Delta R.T. 0.01 min
Lab File: VL034429.D
Acq: 2 Dec 2019 16:54

Tgt Ion	61	Resp	244844
Ion Ratio	100	Lower	Upper
61	100		
96	56.3	47.4	71.2
98	31.8	30.6	45.8





#32

1,1,1-Trichloroethane

Concen: 1.225 ppbv

RT: 6.54 min Scan# 1167

Delta R.T. 0.00 min

Lab File: VL034429.D

Acq: 2 Dec 2019 16:54

Instrument :

MSVOA_L

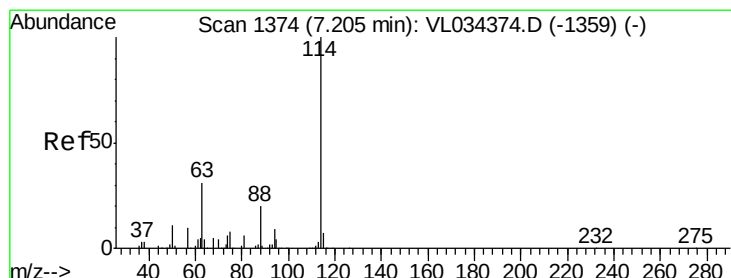
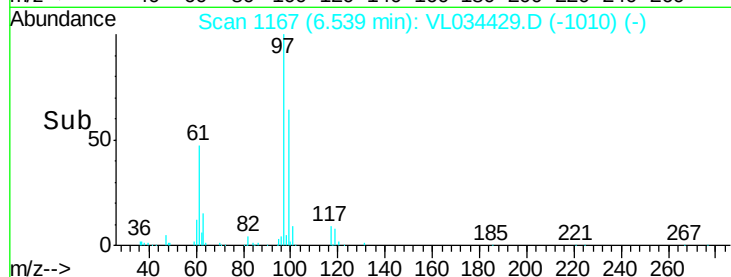
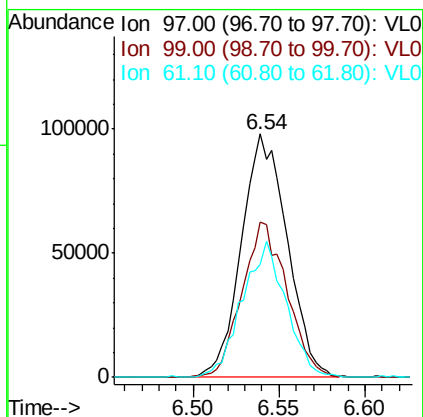
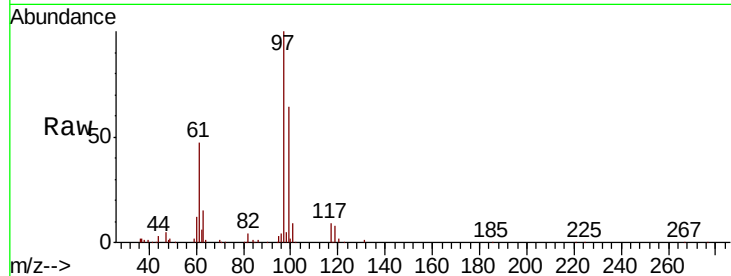
ClientSampled :

SV-2DL2

Tot Ion:	97	Resp:	181469
Ion	Ratio	Lower	Upper
97	100		
99	62.6	52.3	78.5
61	53.6	43.7	65.5

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

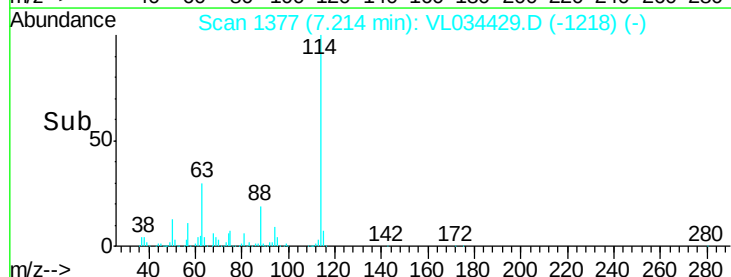
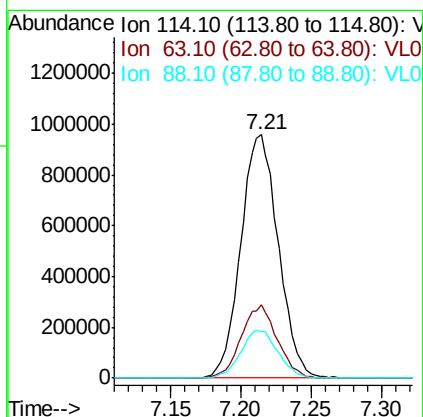
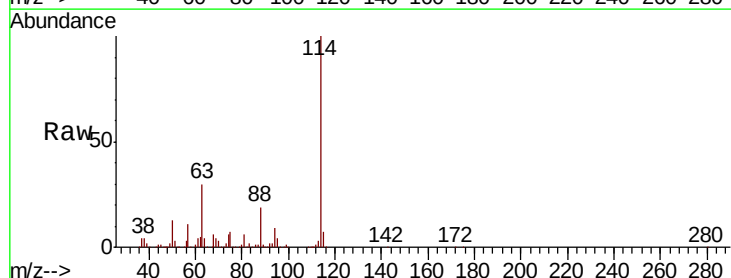
RT: 7.21 min Scan# 1377

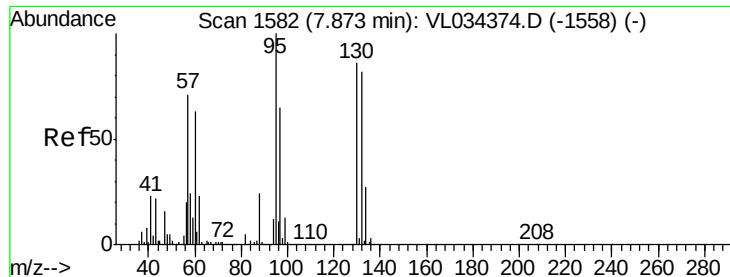
Delta R.T. 0.01 min

Lab File: VL034429.D

Acq: 2 Dec 2019 16:54

Tgt Ion:	114	Resp:	1786207
Ion	Ratio	Lower	Upper
114	100		
63	28.9	24.2	36.4
88	19.5	15.9	23.9





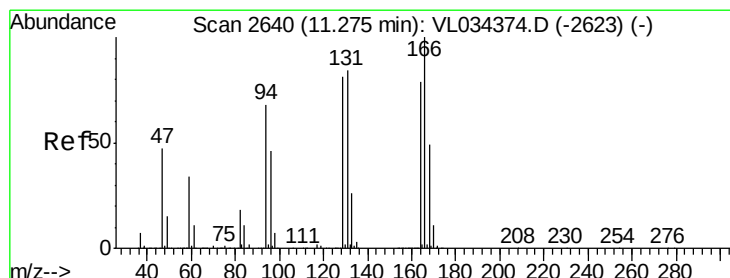
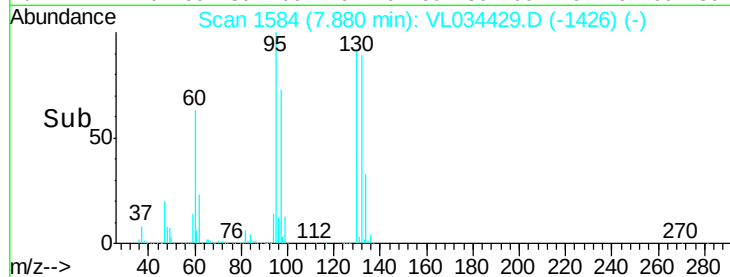
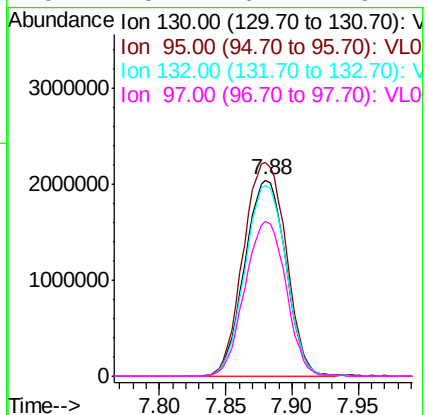
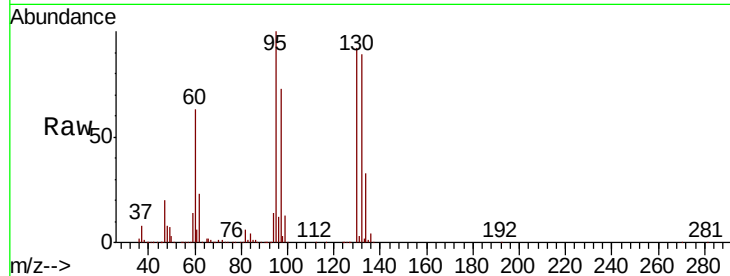
#38
 Trichloroethene
 Concen: 60.243 ppbv
 RT: 7.88 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: VL034429.D
 Acq: 2 Dec 2019 16:54

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2DL2

Tot Ion	Ratio	Lower	Upper
130	100		
95	109.0	93.4	140.0
132	97.1	76.4	114.6
97	79.1	61.1	91.7

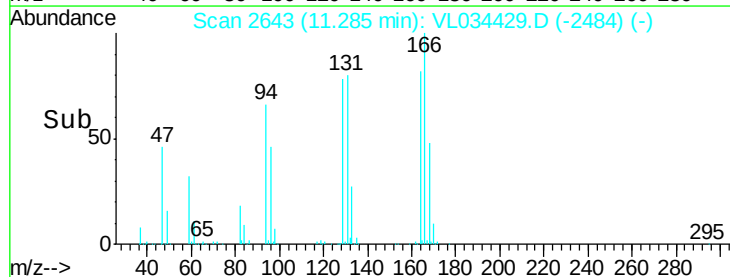
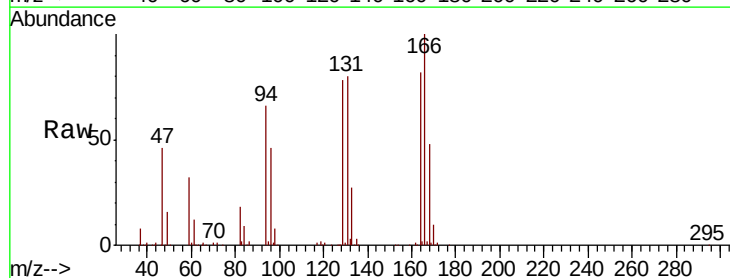
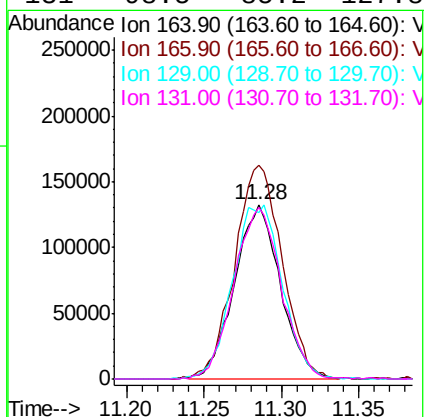
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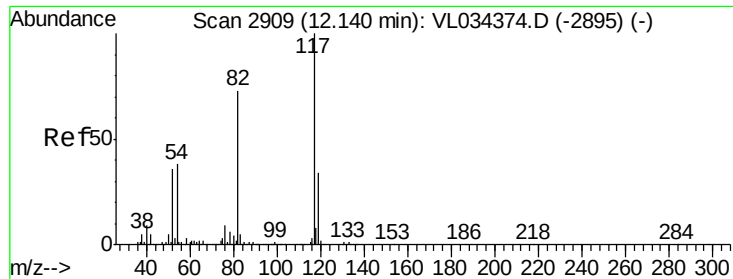
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#52
 Tetrachloroethene
 Concen: 3.510 ppbv
 RT: 11.28 min Scan# 2643
 Delta R.T. 0.01 min
 Lab File: VL034429.D
 Acq: 2 Dec 2019 16:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.3	101.7	152.5
129	94.4	82.6	123.8
131	98.5	85.2	127.8





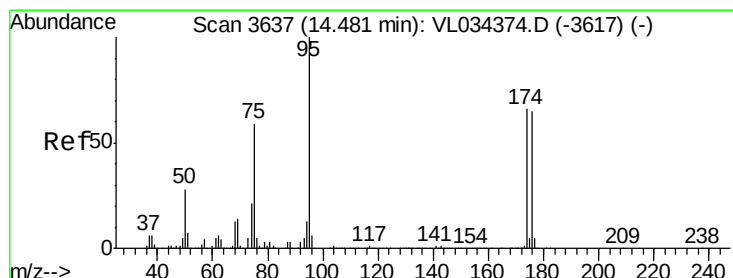
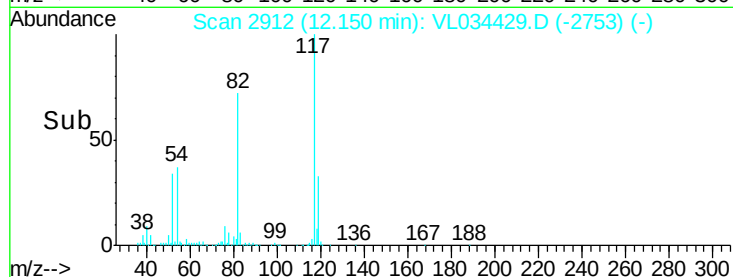
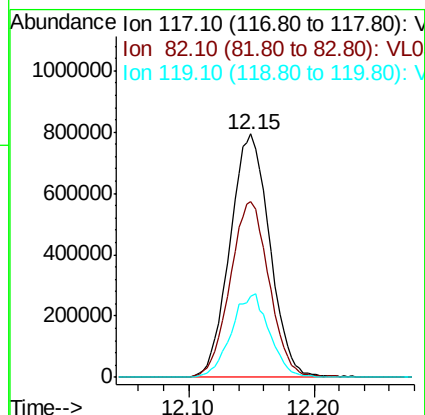
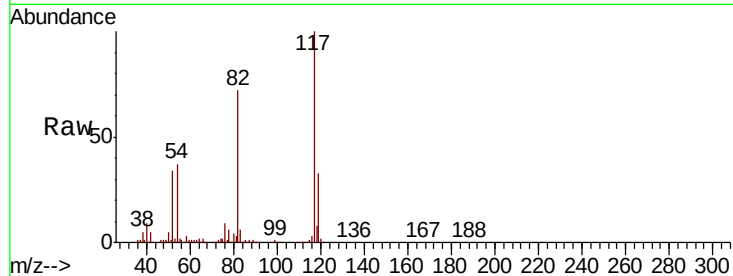
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. 0.01 min
Lab File: VL034429.D
Acq: 2 Dec 2019 16:54

Instrument :
MSVOA_L
ClientSampled :
SV-2DL2

Tot Ion:117 Resp: 1725595
Ion Ratio Lower Upper
117 100
82 72.2 57.5 86.3
119 33.4 25.4 38.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.908 ppbv
RT: 14.48 min Scan# 3638
Delta R.T. 0.00 min
Lab File: VL034429.D
Acq: 2 Dec 2019 16:54

Tgt Ion: 95 Resp: 1438339
Ion Ratio Lower Upper
95 100
174 67.0 52.2 78.2
175 4.9 3.8 5.8

