

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052219\
 Data File : VL033766.D
 Acq On : 23 May 2019 5:07
 Operator : SY/AP
 Sample : K2929-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-ODA-3001-04DL

Manual Integrations
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 5/28/2019 2:51:32 AM

Quant Time: May 23 07:19:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 18 07:19:19 2019
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	906660	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2079111	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2120577	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.56	95	1688048	9.82	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.03	41	16390	0.371	ppbv	93
13) Ethanol	3.64	45	497967	34.878	ppbv	100
15) Acetone	3.90	43	513610	4.083	ppbv	96
17) tert-Butyl alcohol	4.36	59	39143m	0.385	ppbv	
19) Isopropyl Alcohol	4.02	45	198198	2.444	ppbv #	93
20) Methylene Chloride	4.40	84	17992	0.371	ppbv	92
25) Ethyl Acetate	5.75	43	875192	3.960	ppbv #	91
27) Carbon Disulfide	4.62	76	29441m	0.226	ppbv	
34) 2-Butanone	5.33	43	20200m	0.157	ppbv	
53) Toluene	9.94	91	482135	2.364	ppbv	98

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

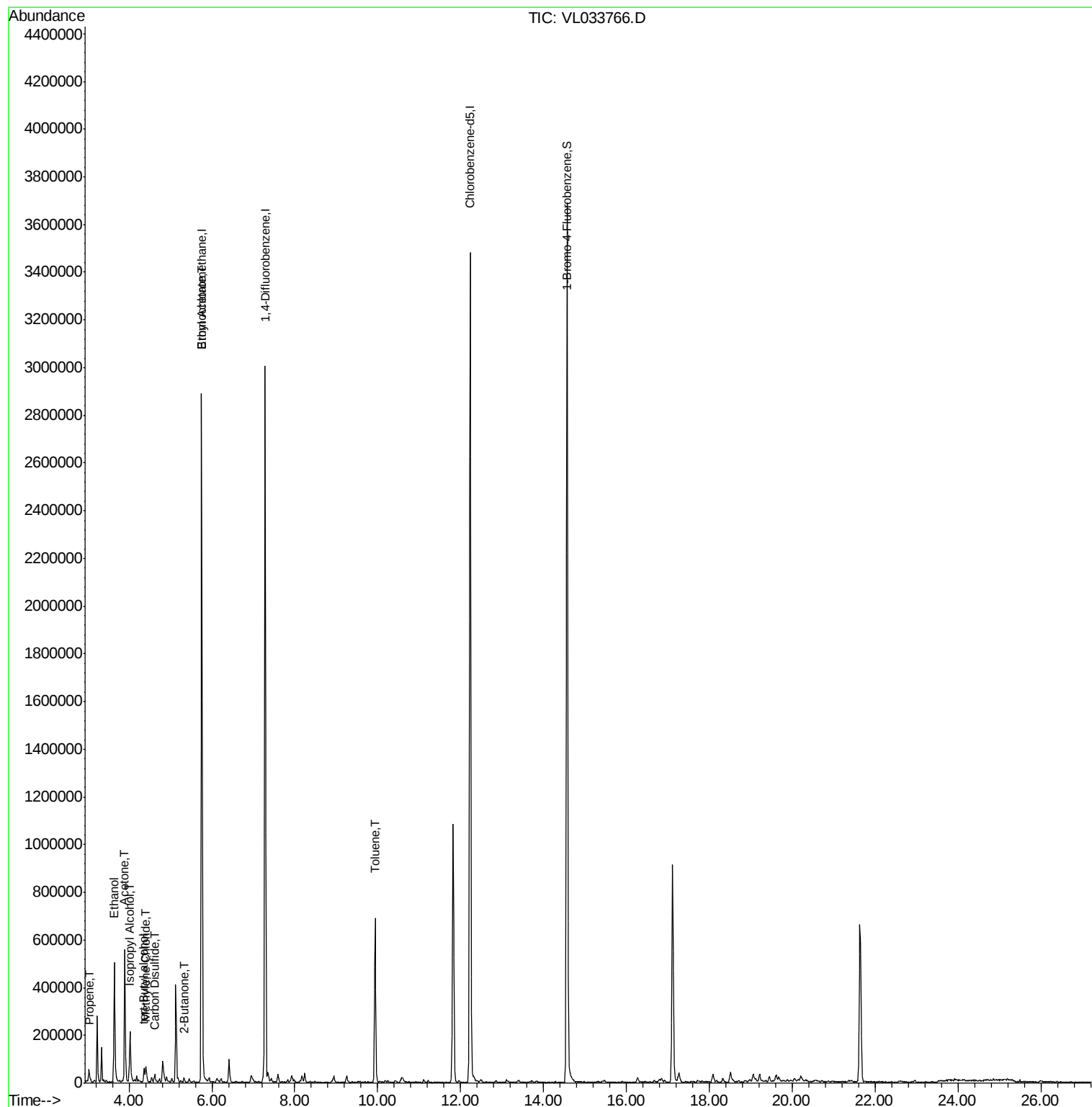
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL052219\
Data File : VL033766.D
Acq On : 23 May 2019 5:07
Operator : SY/AP
Sample : K2929-02DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

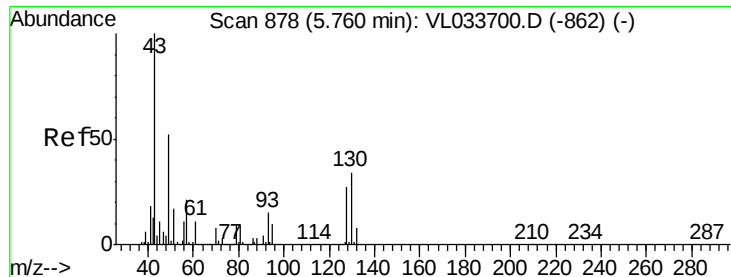
Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3001-04DL

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Quant Time: May 23 07:19:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 875

Delta R.T. -0.01 min

Lab File: VL033766.D

Acq: 23 May 2019 5:07

Instrument :

MSVOA_L

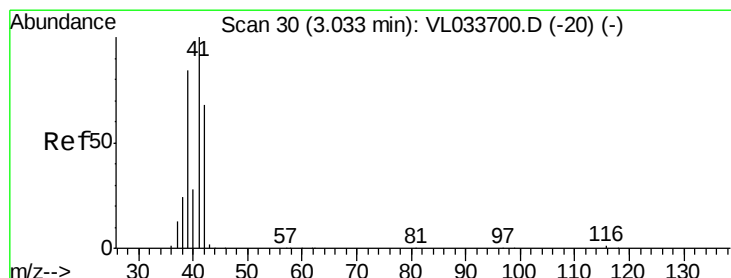
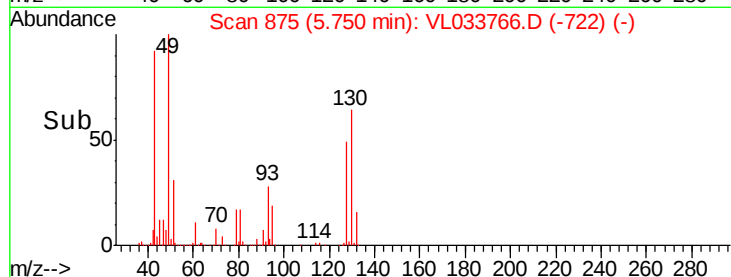
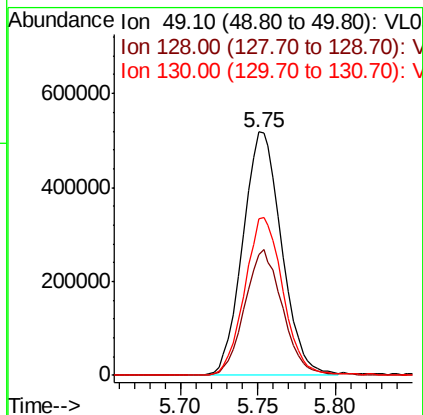
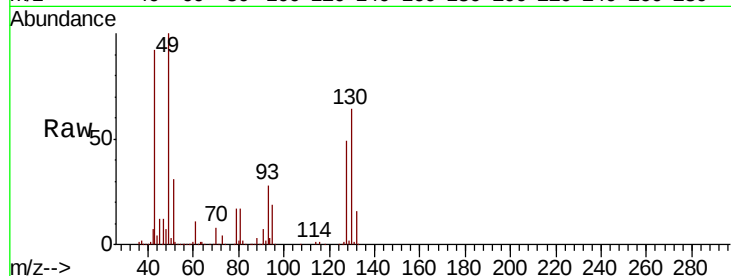
ClientSampleId :

BPS1-ODA-3001-04DL

Tot Ion:	49	Resp:	906660
Ion	Ratio	Lower	Upper
49	100		
128	50.6	25.2	75.6
130	64.8	32.5	97.5

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#9

Propene

Concen: 0.371 ppbv

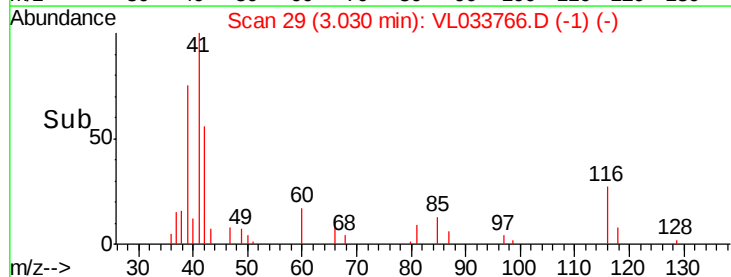
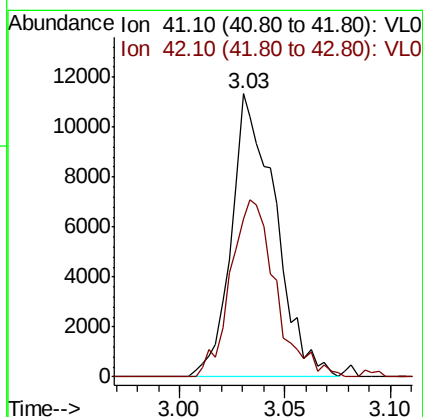
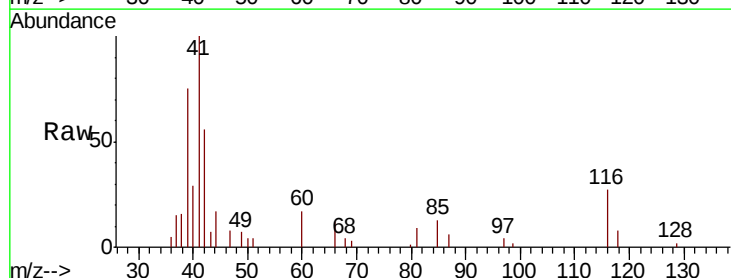
RT: 3.03 min Scan# 29

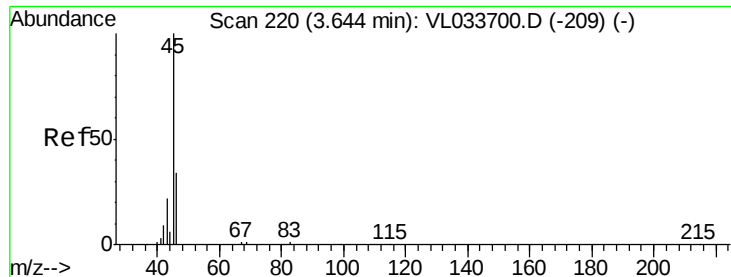
Delta R.T. -0.00 min

Lab File: VL033766.D

Acq: 23 May 2019 5:07

Tgt Ion:	41	Resp:	16390
Ion	Ratio	Lower	Upper
41	100		
42	64.3	56.1	84.1





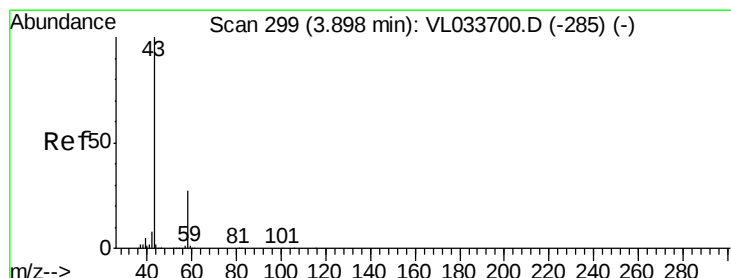
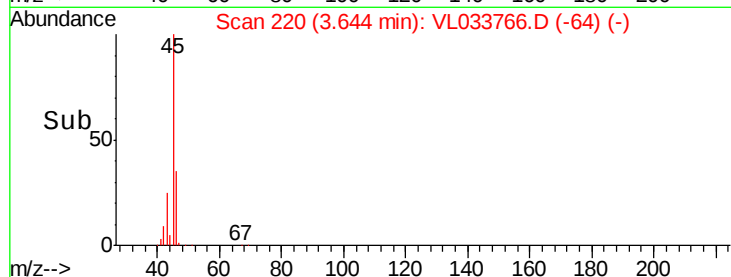
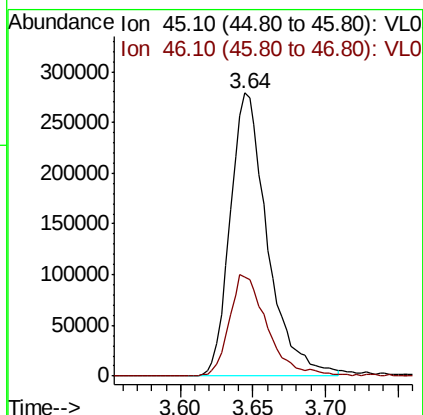
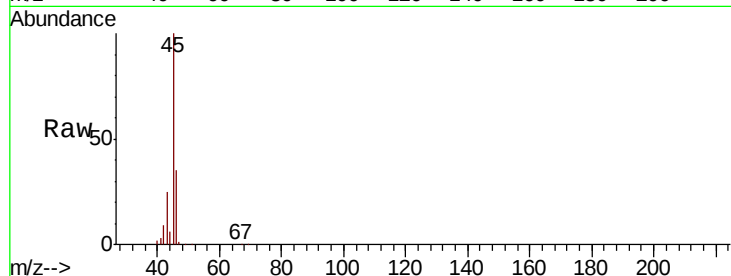
#13
Ethanol
Concen: 34.878 ppbv
RT: 3.64 min Scan# 220
Delta R.T. 0.00 min
Lab File: VL033766.D
Acq: 23 May 2019 5:07

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3001-04DL

Tot Ion	Ratio	Lower	Upper
45	100		
46	37.1	14.8	59.0

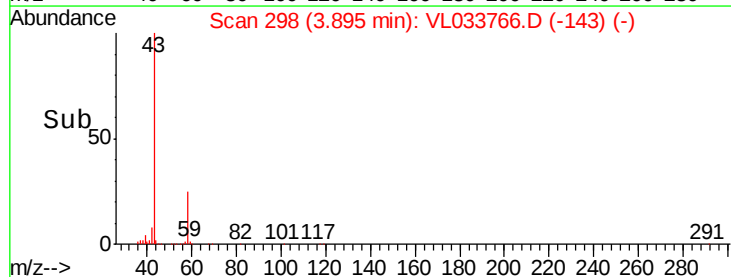
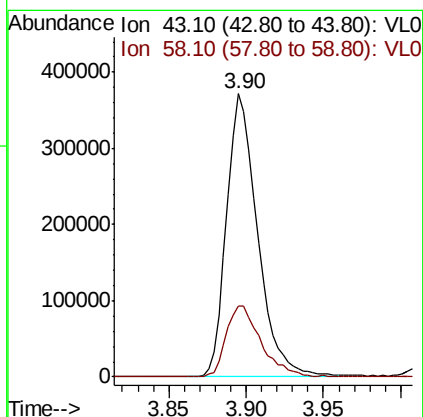
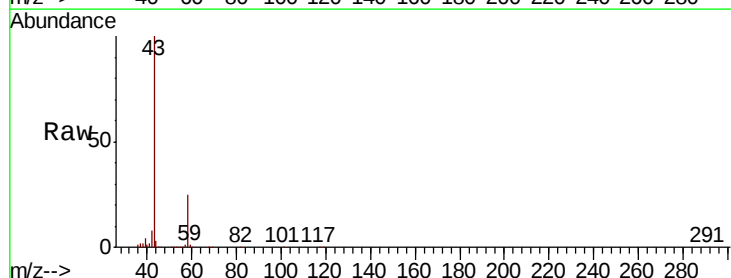
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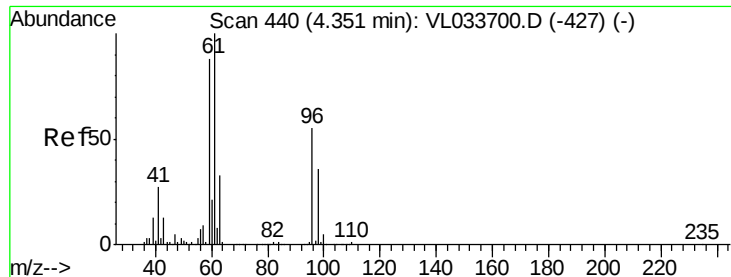
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#15
Acetone
Concen: 4.083 ppbv
RT: 3.90 min Scan# 298
Delta R.T. -0.00 min
Lab File: VL033766.D
Acq: 23 May 2019 5:07

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.8	21.3	31.9





#17

tert-Butyl alcohol

Concen: 0.385 ppbv

RT: 4.36 min Scan# 444

Delta R.T. 0.01 min

Lab File: VL033766.D

Acq: 23 May 2019 5:07

Instrument :

MSVOA_L

ClientSampleId :

BPS1-ODA-3001-04DL

Tot Ion: 59 Resp: 39143

Ion Ratio Lower Upper

59 100

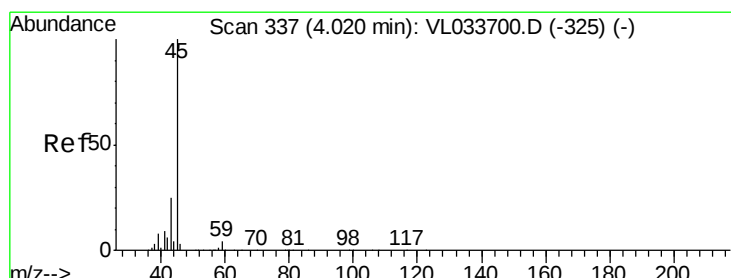
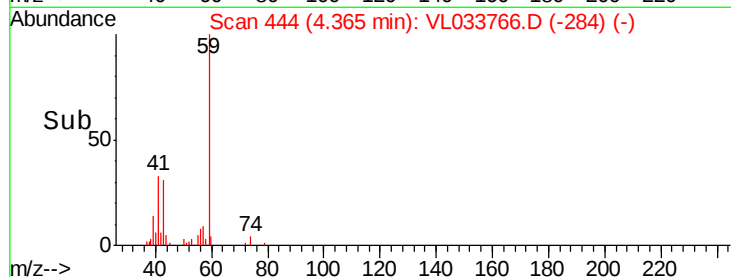
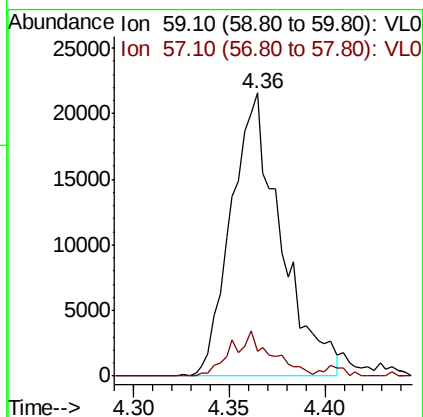
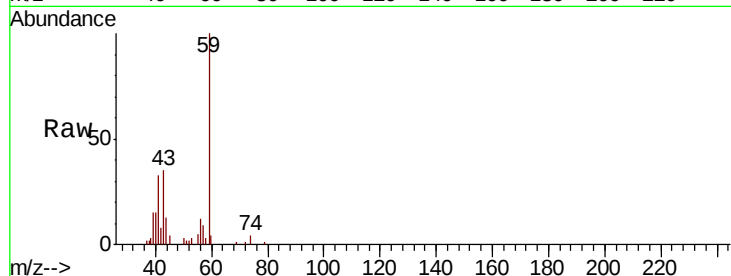
57 14.4 8.4 12.6#

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#19

Isopropyl Alcohol

Concen: 2.444 ppbv

RT: 4.02 min Scan# 338

Delta R.T. 0.00 min

Lab File: VL033766.D

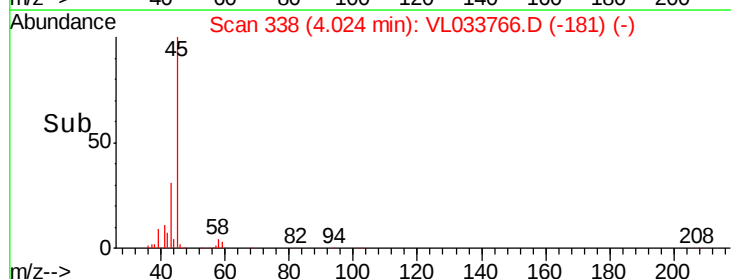
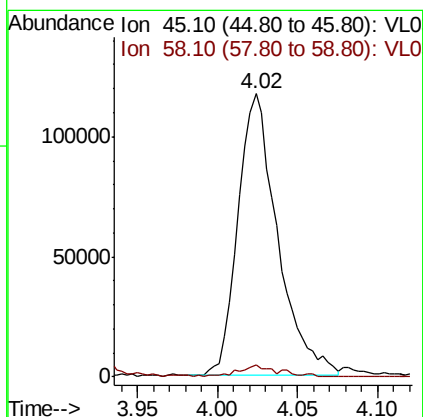
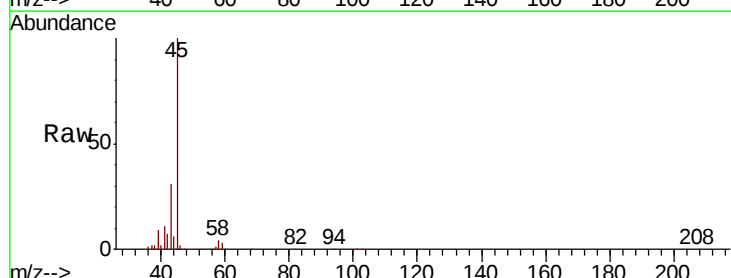
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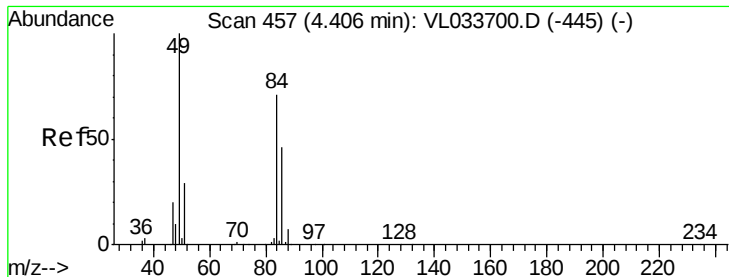
Tgt Ion: 45 Resp: 198198

Ion Ratio Lower Upper

45 100

58 4.6 1.6 2.4#





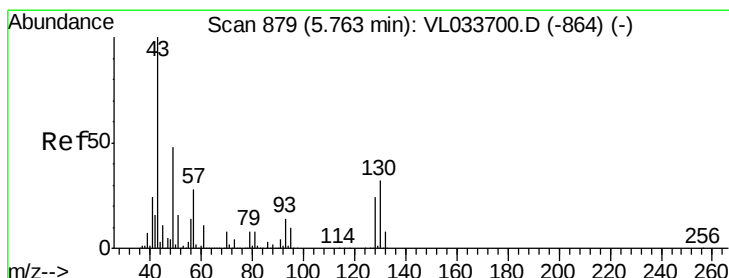
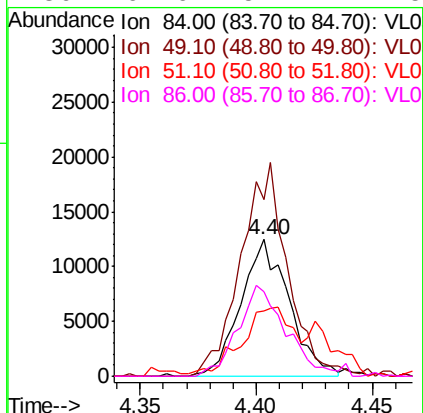
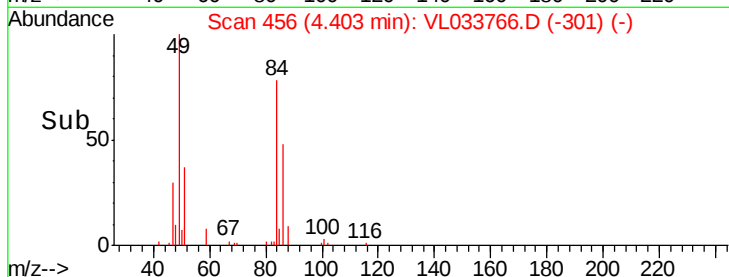
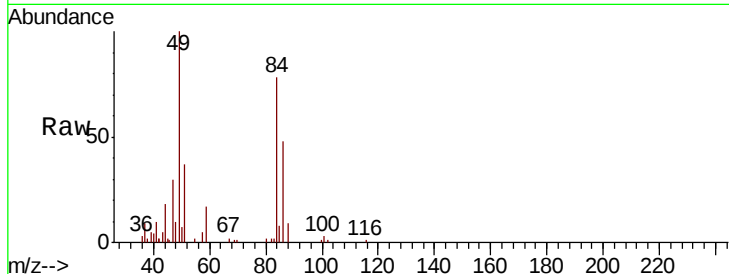
#20
Methylene Chloride
Concen: 0.371 ppbv
RT: 4.40 min Scan# 456
Delta R.T. -0.00 min
Lab File: VL033766.D
Acq: 23 May 2019 5:07

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3001-04DL

Tot Ion:	84	Resp:	17992
Ion	Ratio	Lower	Upper
84	100		
49	129.0	112.8	169.2
51	46.1	33.4	50.0
86	61.6	51.7	77.5

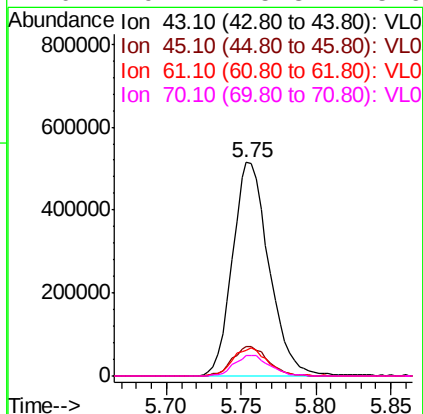
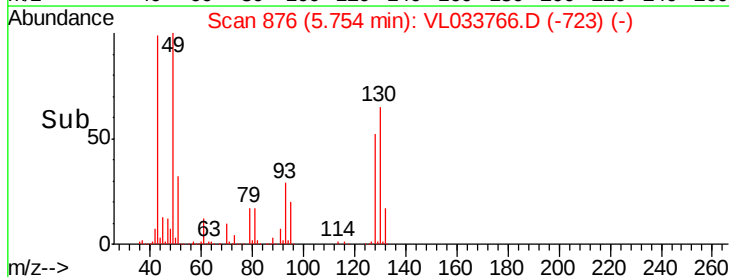
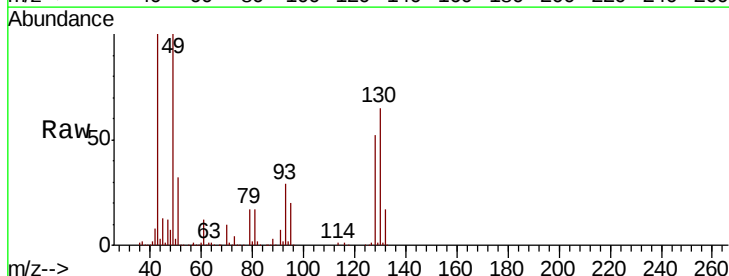
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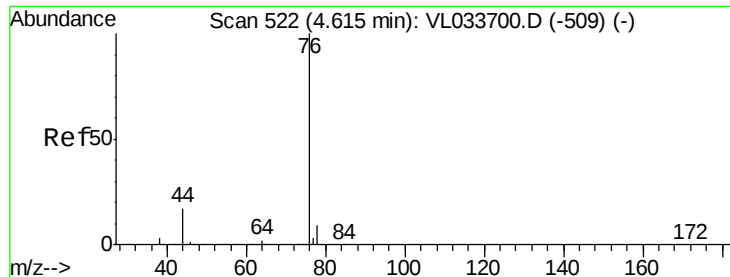
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#25
Ethyl Acetate
Concen: 3.960 ppbv
RT: 5.75 min Scan# 876
Delta R.T. -0.01 min
Lab File: VL033766.D
Acq: 23 May 2019 5:07

Tgt Ion:	43	Resp:	875192
Ion	Ratio	Lower	Upper
43	100		
45	13.8	7.9	11.9#
61	12.7	7.7	11.5#
70	9.4	5.8	8.6#





#27

Carbon Disulfide

Concen: 0.226 ppbv m

RT: 4.62 min Scan# 524

Delta R.T. 0.01 min

Lab File: VL033766.D

Acq: 23 May 2019 5:07

Instrument :

MSVOA_L

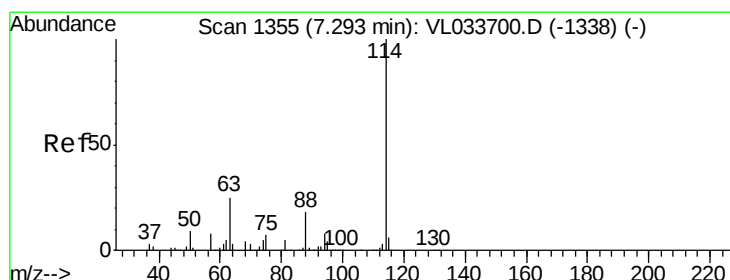
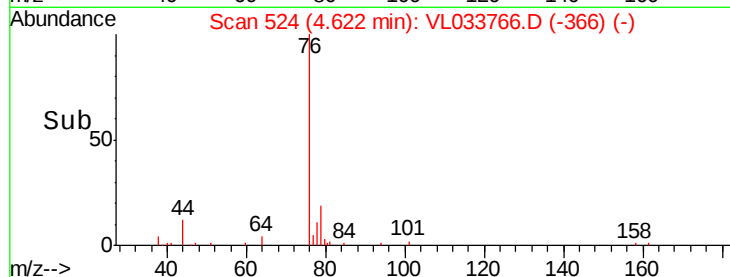
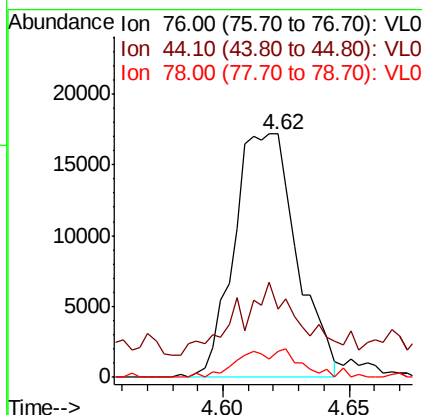
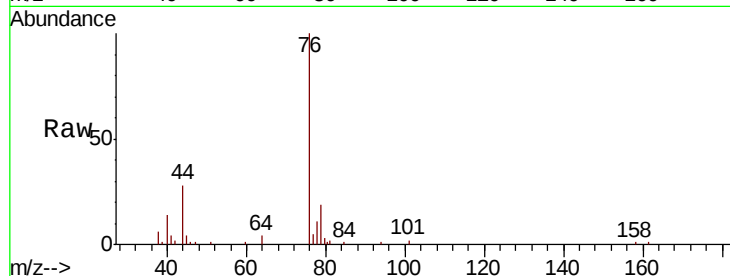
ClientSampleId :

BPS1-ODA-3001-04DL

Tot Ion:	76	Resp:	29441
Ion	Ratio	Lower	Upper
76	100		
44	35.2	13.8	20.8#
78	11.8	7.4	11.0#

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

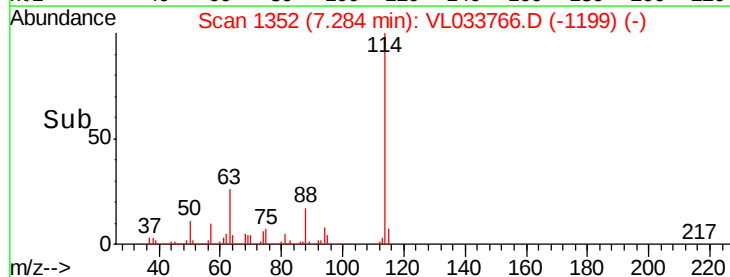
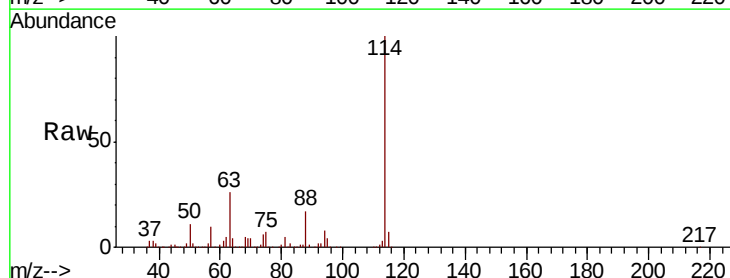
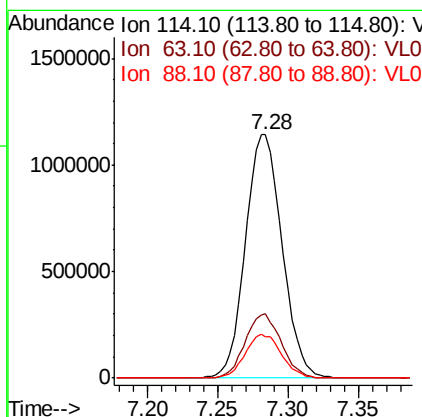
RT: 7.28 min Scan# 1352

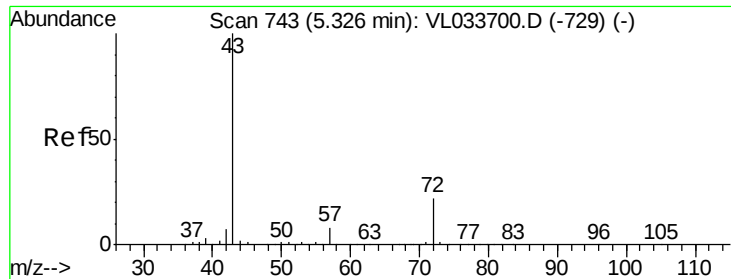
Delta R.T. -0.01 min

Lab File: VL033766.D

Acq: 23 May 2019 5:07

Tgt Ion:	114	Resp:	2079111
Ion	Ratio	Lower	Upper
114	100		
63	26.2	20.9	31.3
88	17.9	14.3	21.5





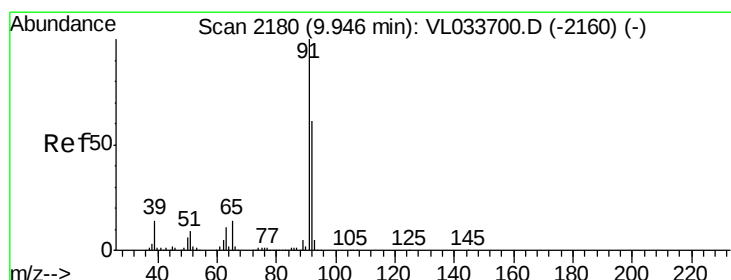
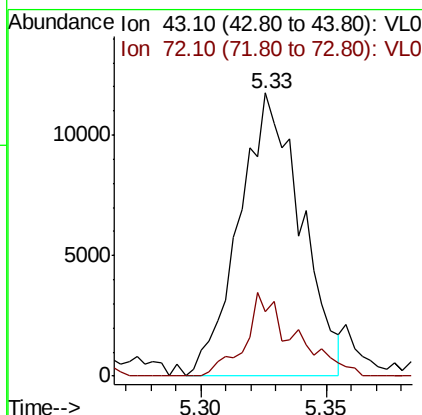
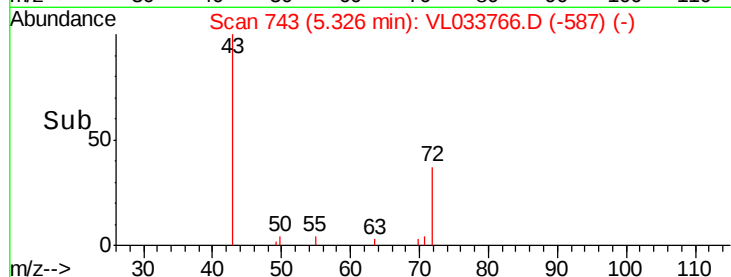
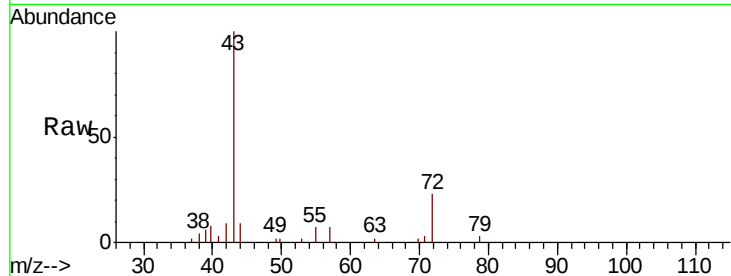
#34
2-Butanone
Concen: 0.157 ppbv m
RT: 5.33 min Scan# 743
Delta R.T. 0.00 min
Lab File: VL033766.D
Acq: 23 May 2019 5:07

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3001-04DL

Tot Ion: 43 Resp: 20200
Ion Ratio Lower Upper
43 100
72 23.4 17.8 26.6

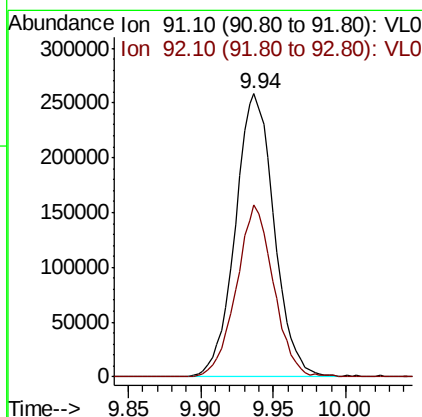
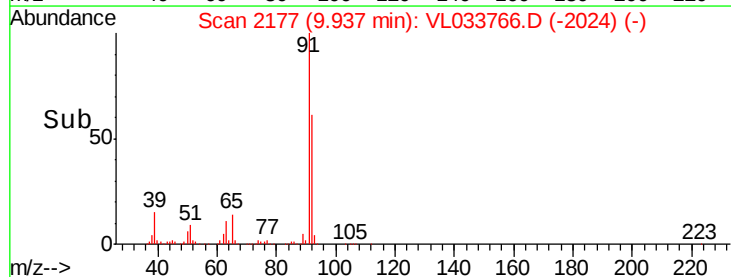
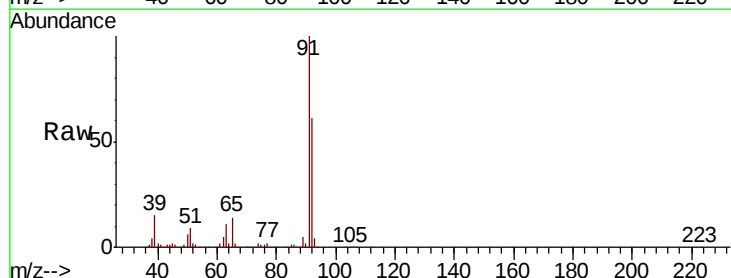
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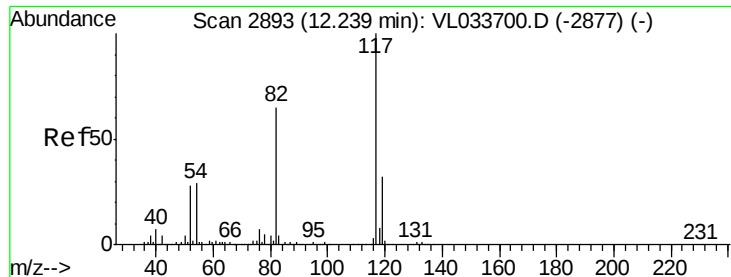
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#53
Toluene
Concen: 2.364 ppbv
RT: 9.94 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VL033766.D
Acq: 23 May 2019 5:07

Tgt Ion: 91 Resp: 482135
Ion Ratio Lower Upper
91 100
92 58.3 47.6 71.4





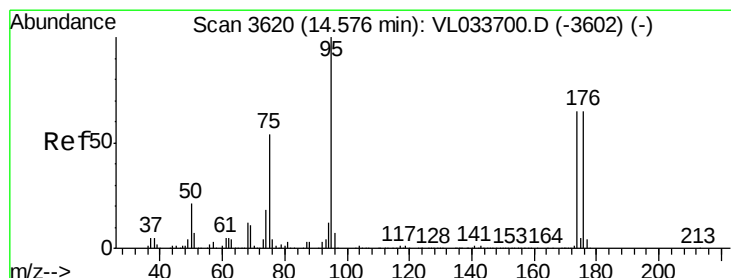
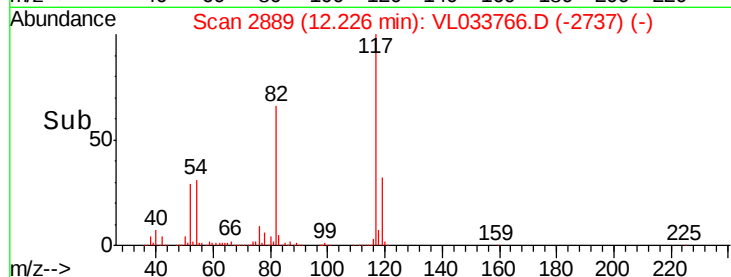
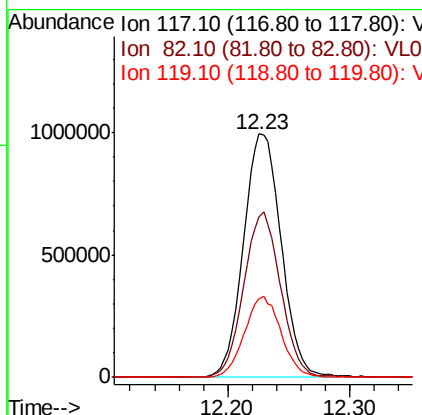
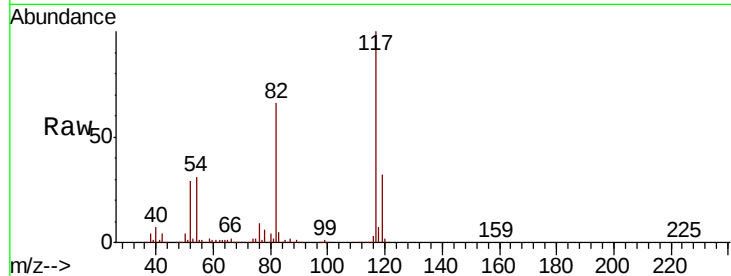
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2889
Delta R.T. -0.01 min
Lab File: VL033766.D
Acq: 23 May 2019 5:07

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3001-04DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	66.7	49.4	74.0
119	32.4	24.9	37.3

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.819 ppbv
RT: 14.56 min Scan# 3616
Delta R.T. -0.01 min
Lab File: VL033766.D
Acq: 23 May 2019 5:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.5	53.9	80.9
175	4.9	3.8	5.8

