

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031219\
 Data File : VL033285.D
 Acq On : 12 Mar 2019 15:41
 Operator : SY/AP
 Sample : 0.4 PPB MDL
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 PPB MDL

Manual Integrations
 APPROVED

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 3/14/2019 5:06:57 AM

Quant Time: Mar 13 09:01:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar 14 09:01:45 2019
 QLast Update : Wed Mar 13 07:17:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	818657	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1893341	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1861477	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1501070	10.44	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.66	45	8175	0.541	ppbv	89
40) 1,4-Dioxane	7.99	88	9492m	0.384	ppbv	
66) Benzyl Chloride	17.16	91	23245m	0.248	ppbv	
80) Naphthalene,2-methyl-	25.12	142	2579	0.041	ppbv #	77

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

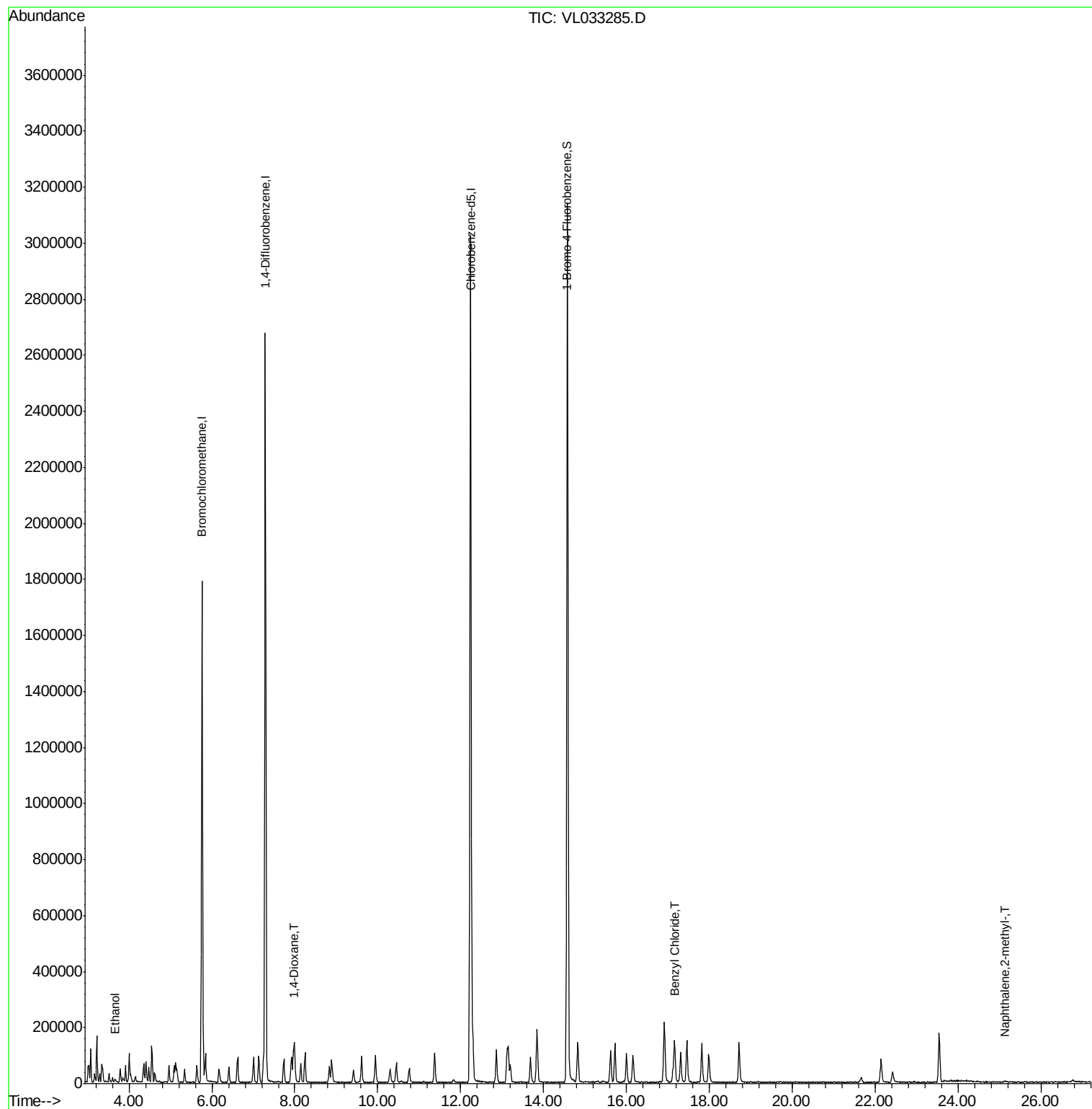
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Data File : VL033285.D
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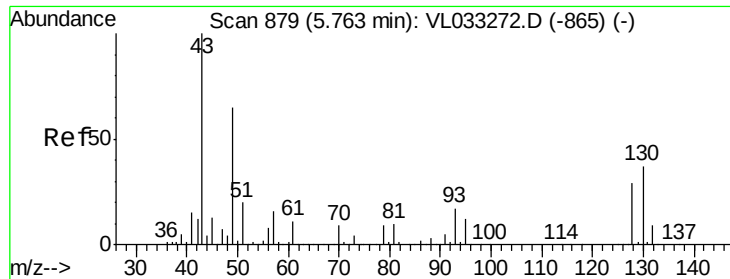
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL031219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar
QLast Update : Wed Mar 13 07:17:55 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033285.D

Acq: 12 Mar 2019 15:41

Instrument :

MSVOA_L

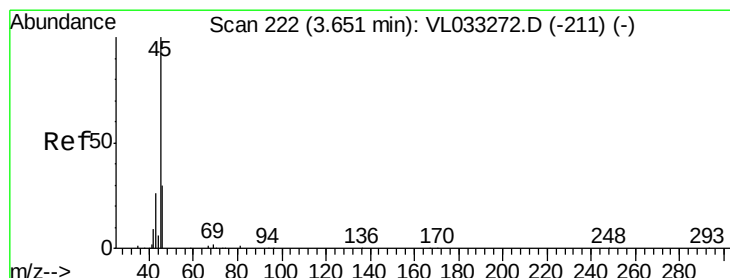
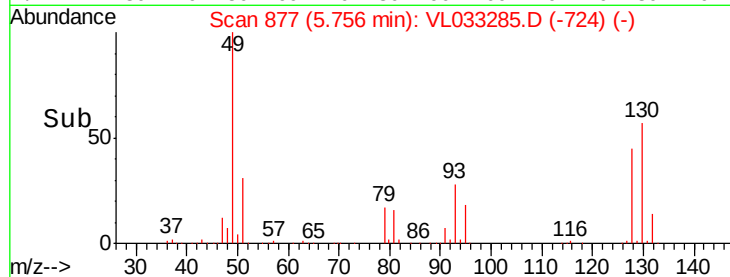
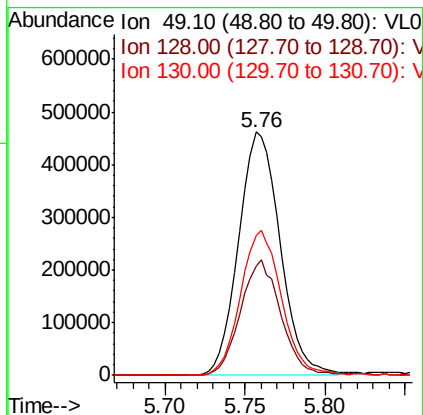
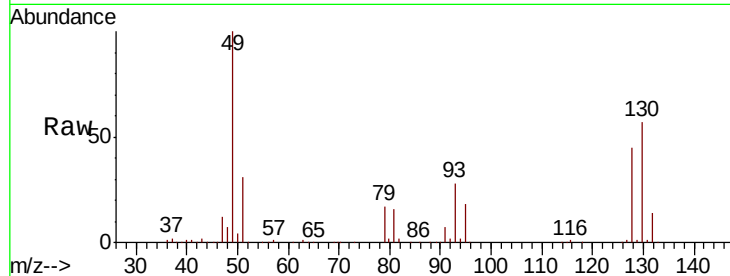
ClientSampleId :

0.4 PPB MDL

Tgt Ion:	49	Resp:	818657
Ion Ratio	Lower	Upper	
49	100		
128	46.1	23.3	69.9
130	58.8	30.0	90.1

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#13

Ethanol

Concen: 0.541 ppbv

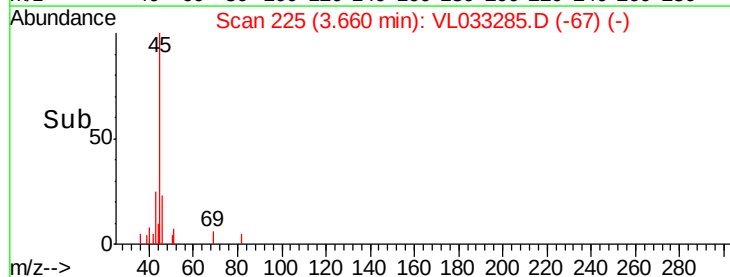
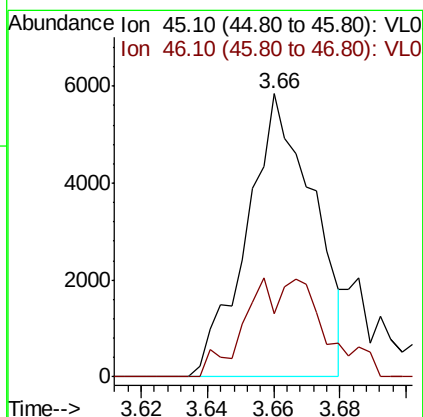
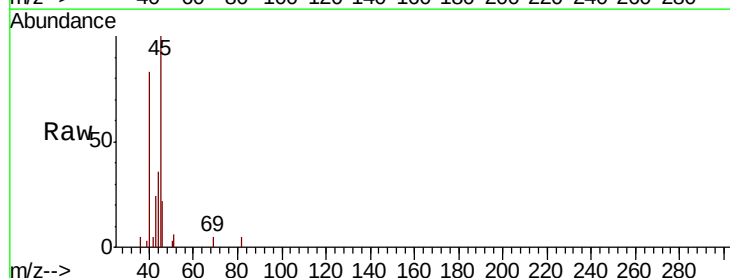
RT: 3.66 min Scan# 225

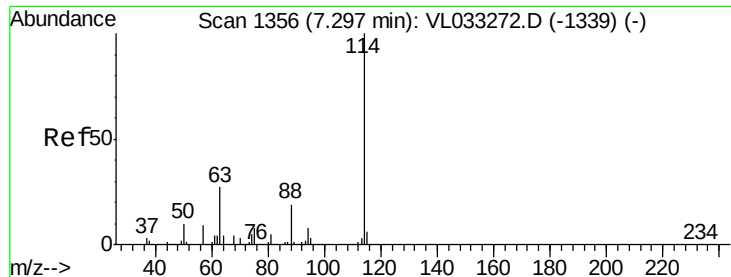
Delta R.T. 0.01 min

Lab File: VL033285.D

Acq: 12 Mar 2019 15:41

Tgt Ion:	45	Resp:	8175
Ion Ratio	Lower	Upper	
45	100		
46	41.1	13.9	55.7





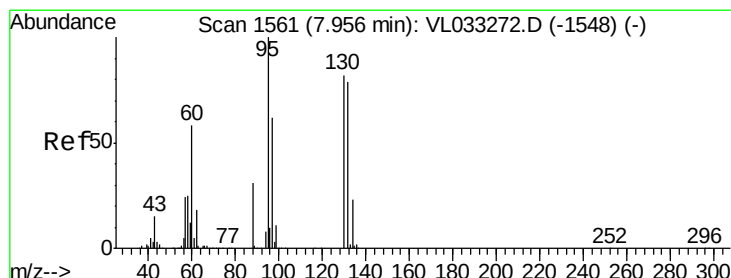
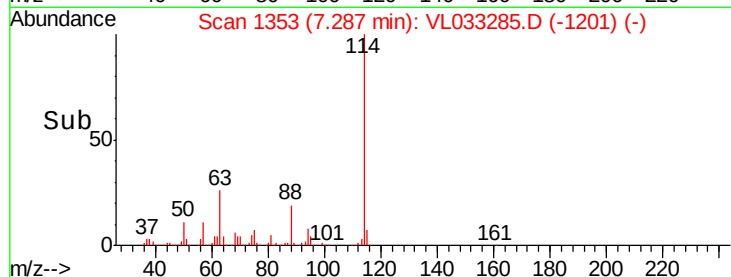
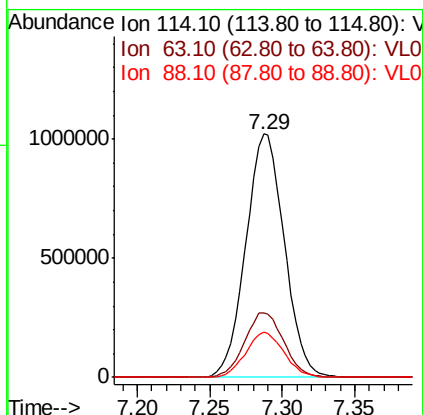
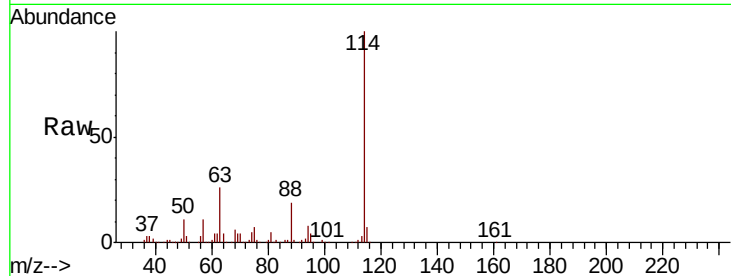
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: VL033285.D
 Acq: 12 Mar 2019 15:41

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 PPB MDL

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.1	21.5	32.3
88	18.4	14.6	22.0

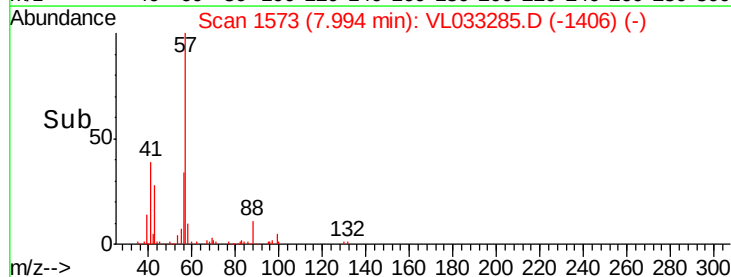
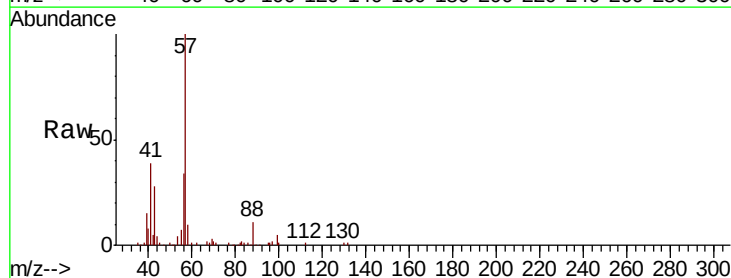
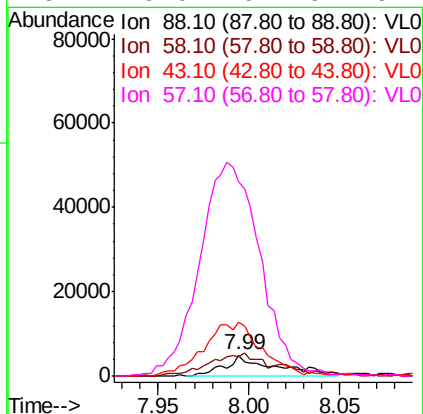
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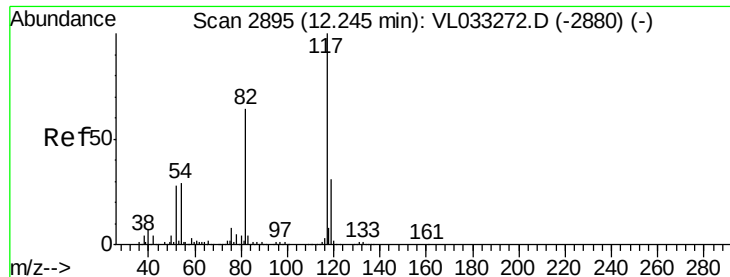
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#40
 1,4-Dioxane
 Concen: 0.384 ppbv m
 RT: 7.99 min Scan# 1573
 Delta R.T. 0.04 min
 Lab File: VL033285.D
 Acq: 12 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	107.0	160.6#
43	0.0	230.2	345.4#
57	0.0	1014.9	1522.3#





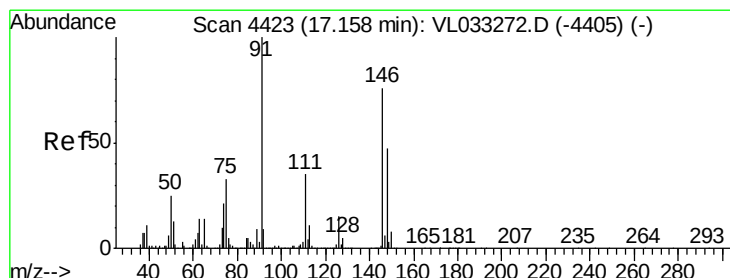
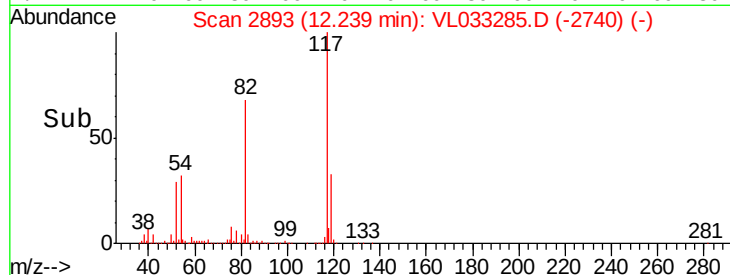
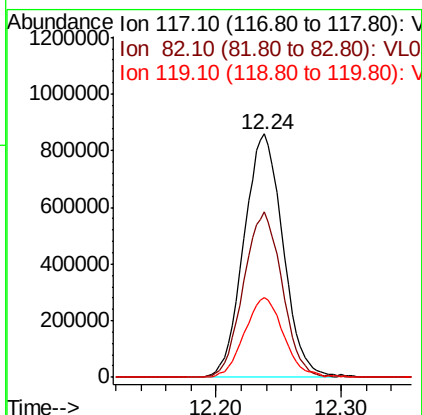
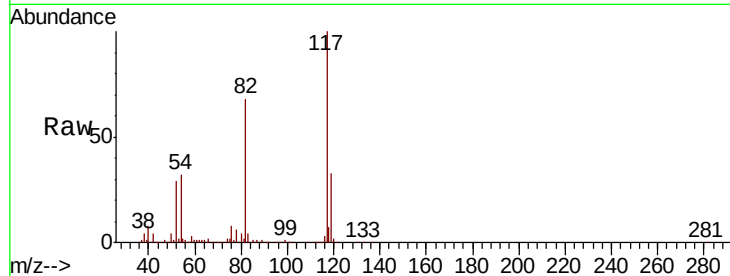
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033285.D
Acq: 12 Mar 2019 15:41

Instrument :
MSVOA_L
ClientSampleId :
0.4 PPB MDL

Tgt Ion	Ratio	Lower	Upper
117	100		
82	67.4	51.1	76.7
119	33.2	43.6	65.4#

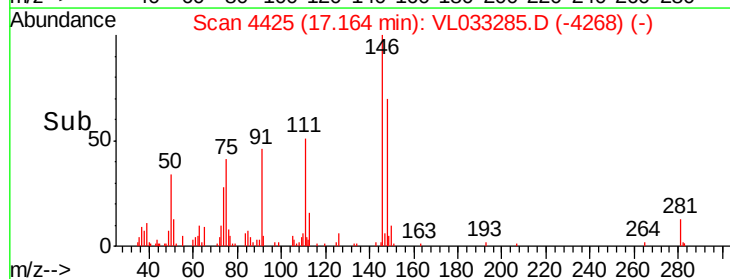
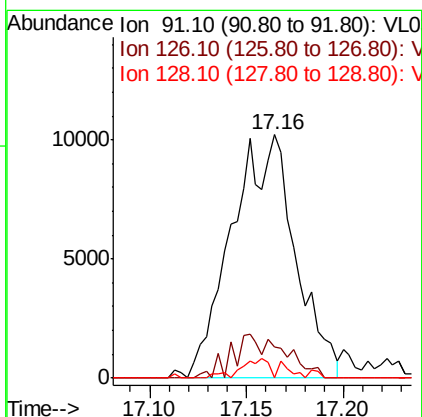
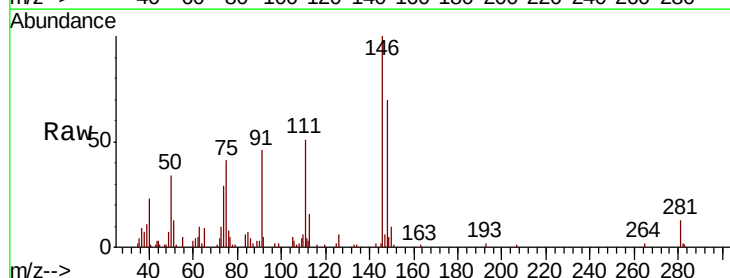
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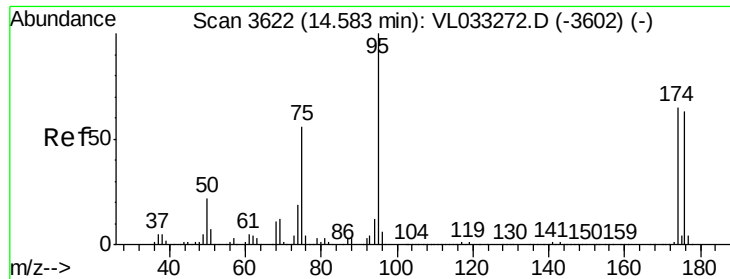
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#66
Benzyl Chloride
Concen: 0.248 ppbv m
RT: 17.16 min Scan# 4425
Delta R.T. 0.01 min
Lab File: VL033285.D
Acq: 12 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	14.8	13.0	19.6
128	5.4	4.3	6.5





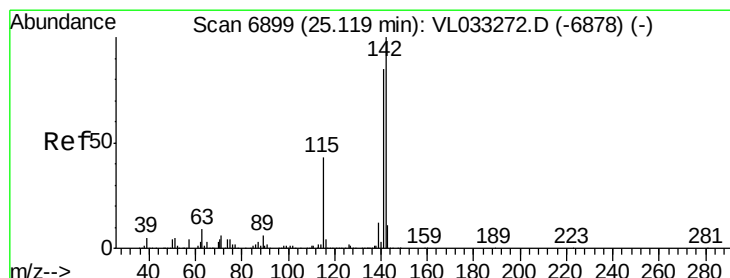
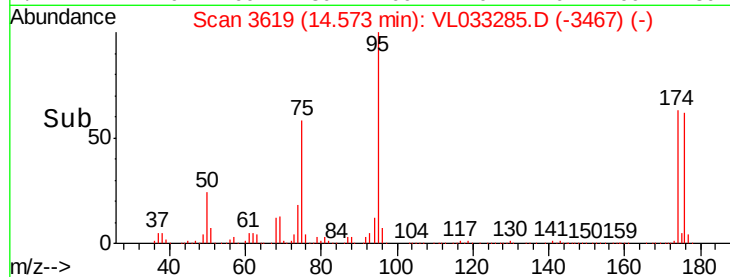
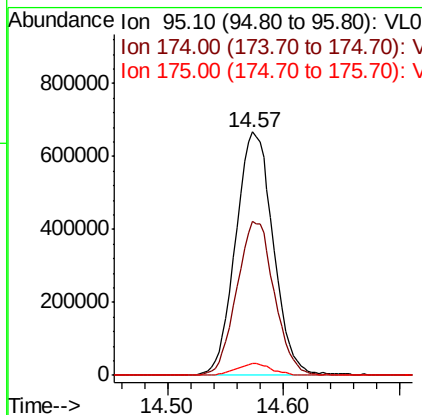
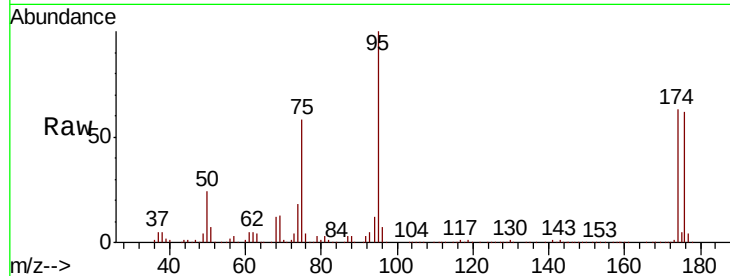
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.442 ppbv
 RT: 14.57 min Scan# 3619
 Delta R.T. -0.01 min
 Lab File: VL033285.D
 Acq: 12 Mar 2019 15:41

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 PPB MDL

Tgt Ion: 95 Resp: 1501070
 Ion Ratio Lower Upper
 95 100
 174 63.1 51.7 77.5
 175 4.6 3.7 5.5

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#80
 Naphthalene, 2-methyl-
 Concen: 0.041 ppbv
 RT: 25.12 min Scan# 6898
 Delta R.T. -0.00 min
 Lab File: VL033285.D
 Acq: 12 Mar 2019 15:41

Tgt Ion: 142 Resp: 2579
 Ion Ratio Lower Upper
 142 100
 141 54.2 68.0 102.0#
 115 40.7 33.8 50.6

