

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031819\
 Data File : VL033363.D
 Acq On : 18 Mar 2019 18:05
 Operator : SY/AP
 Sample : 0.4 MDL
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL

Manual Integrations
 APPROVED

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 3/21/2019 12:14:33 PM

Quant Time: Mar 19 07:16:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 1
 QLast Update : Fri Mar 15 14:52:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	767961	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1704160	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	1859576	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1451060	10.53	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.30%

Target Compounds					Ovalue
13) Ethanol	3.66	45	12285m	0.655	ppbv
40) 1,4-Dioxane	8.00	88	8208m	0.408	ppbv
66) Benzyl Chloride	17.15	91	31565m	0.277	ppbv
80) Naphthalene,2-methyl-	25.12	142	27719	0.235	ppbv

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

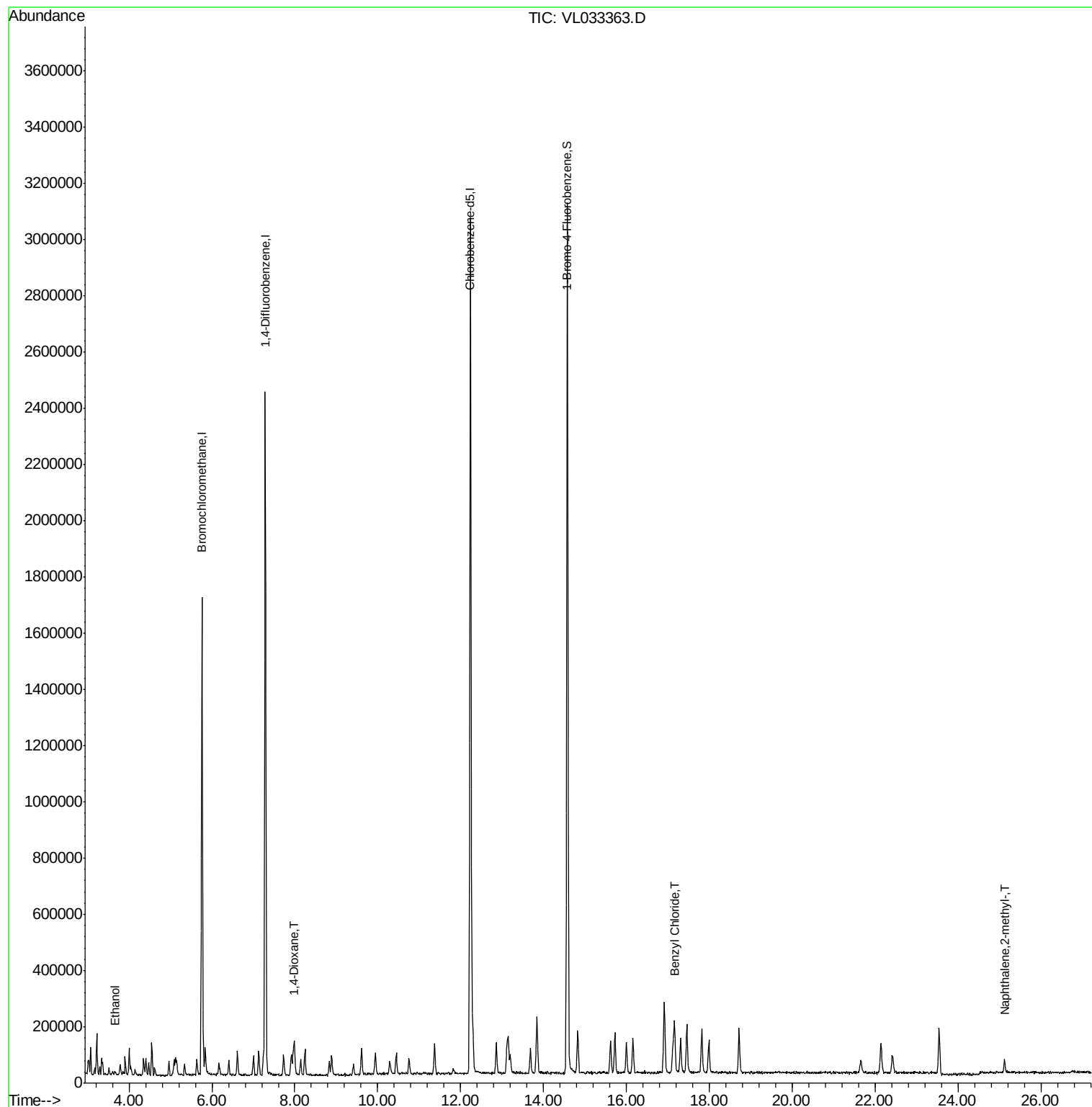
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Data File : VL033363.D
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Operator : SY/AP
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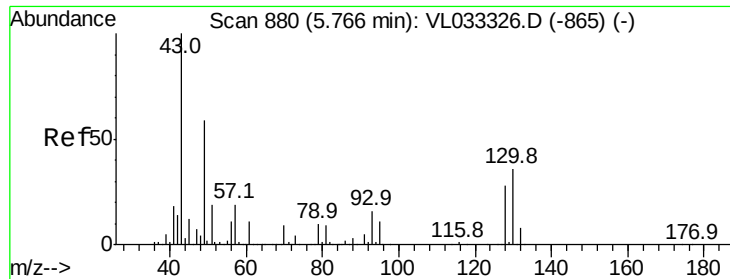
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

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Quant Time: Mar 19 07:16:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar
QLast Update : Fri Mar 15 14:52:14 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: VL033363.D

Acq: 18 Mar 2019 18:05

Instrument :

MSVOA_L

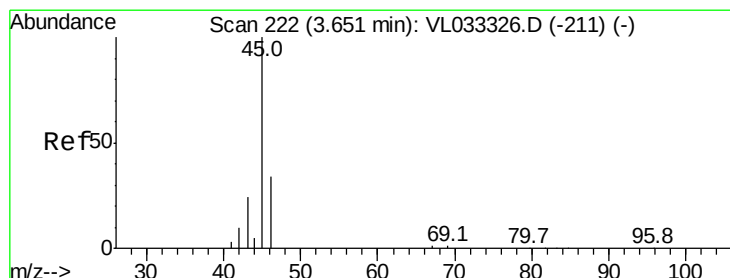
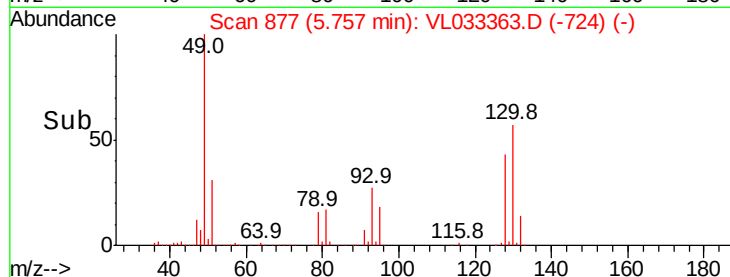
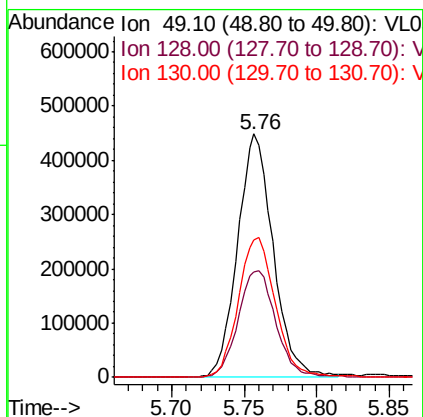
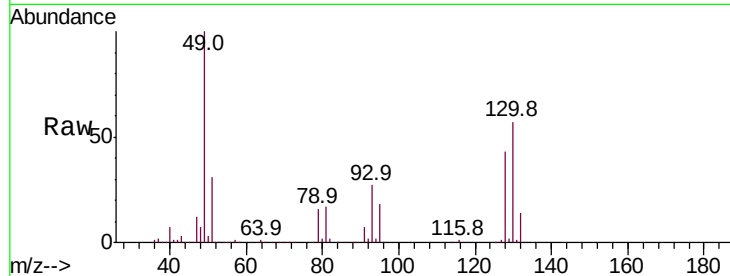
ClientSampleId :

0.4 MDL

Tot Ion:	49	Resp:	767961
Ion	Ratio	Lower	Upper
49	100		
128	46.3	23.5	70.6
130	59.9	30.1	90.3

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#13

Ethanol

Concen: 0.655 ppbv m

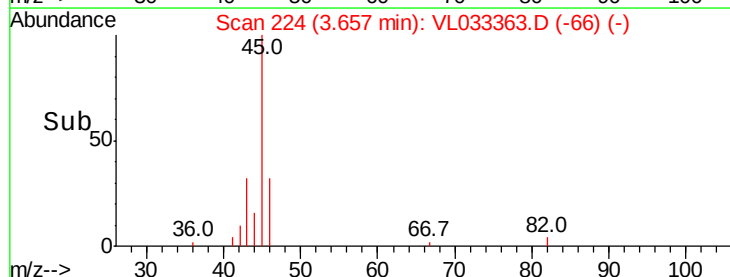
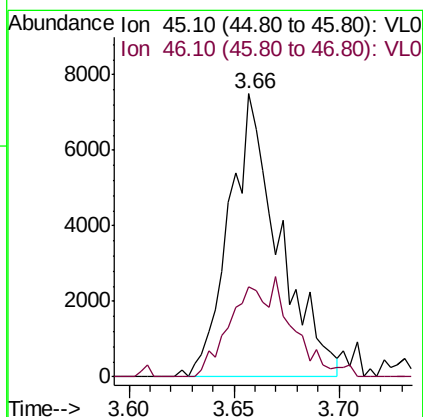
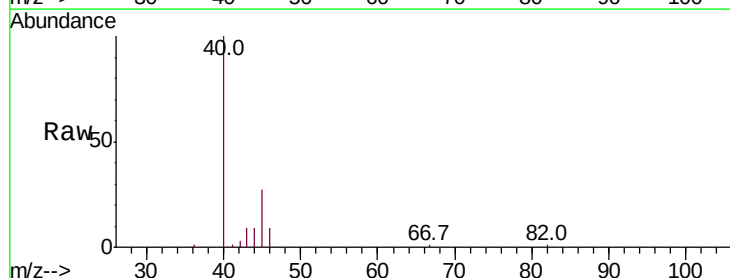
RT: 3.66 min Scan# 224

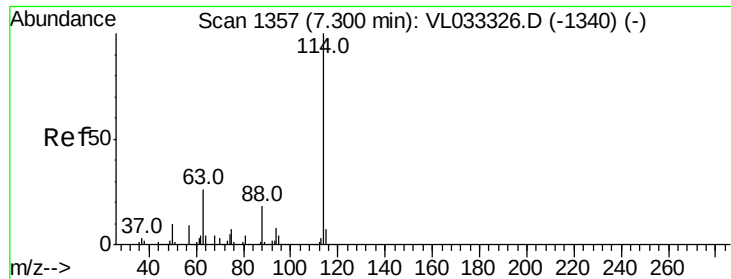
Delta R.T. 0.01 min

Lab File: VL033363.D

Acq: 18 Mar 2019 18:05

Tgt Ion:	45	Resp:	12285
Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.9	59.7#





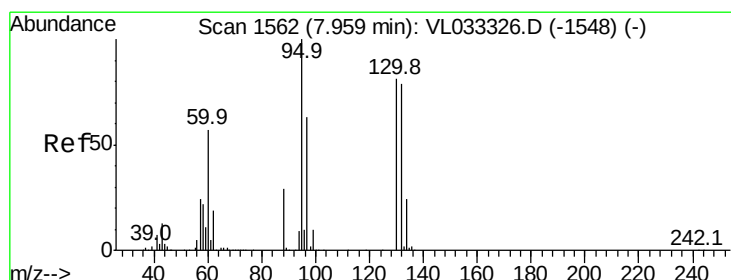
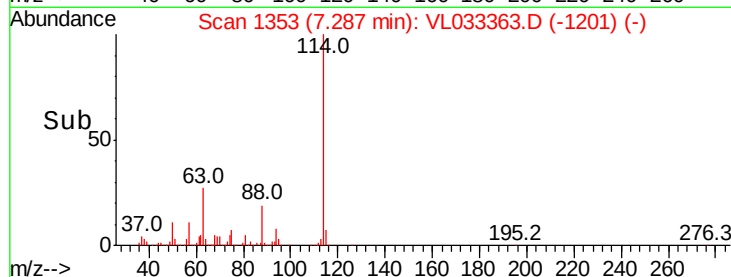
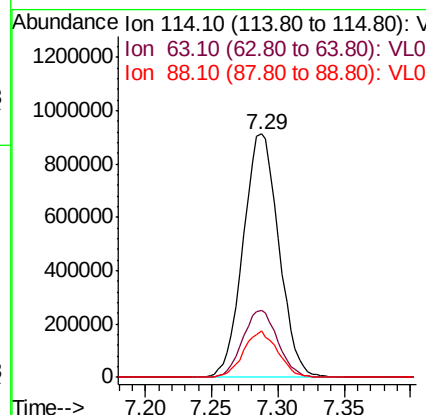
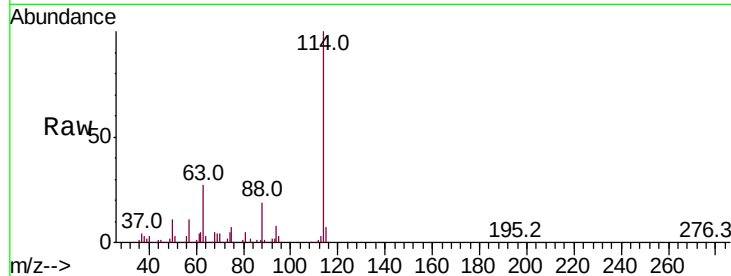
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033363.D
Acq: 18 Mar 2019 18:05

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.3	21.4	32.2
88	18.2	14.5	21.7

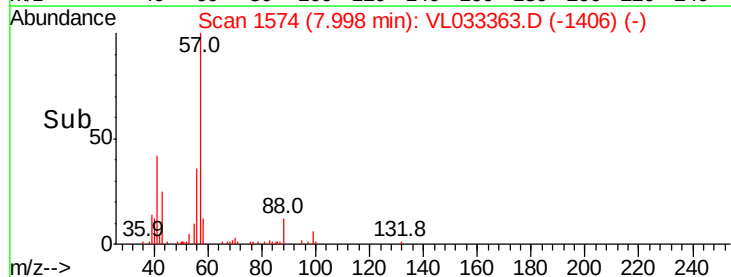
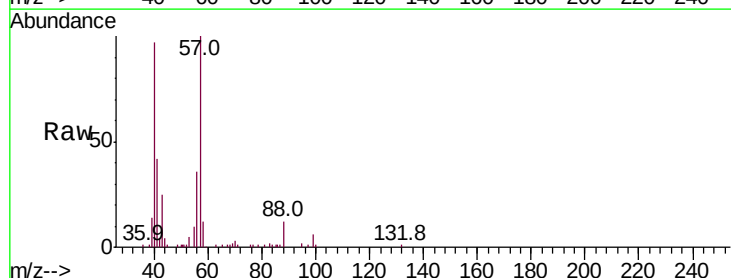
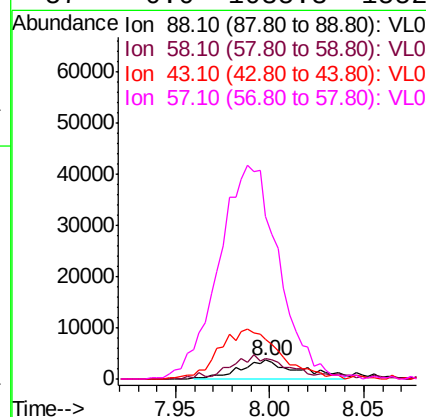
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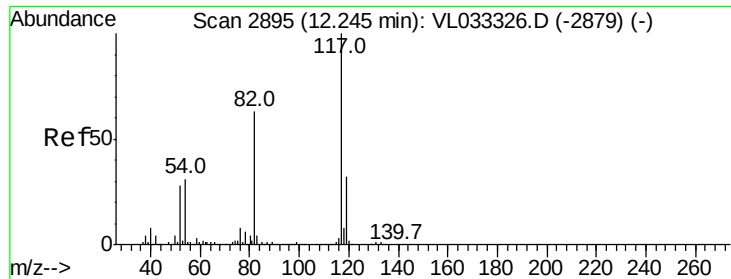
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#40
1,4-Dioxane
Concen: 0.408 ppbv m
RT: 8.00 min Scan# 1574
Delta R.T. 0.04 min
Lab File: VL033363.D
Acq: 18 Mar 2019 18:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	107.9	161.9#
43	0.0	230.8	346.2#
57	0.0	1035.3	1552.9#





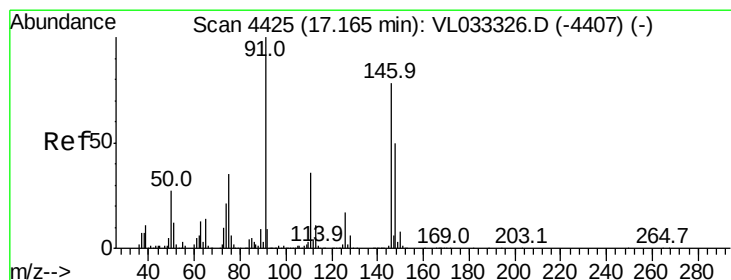
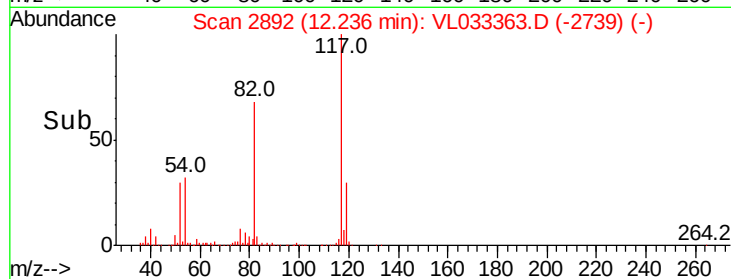
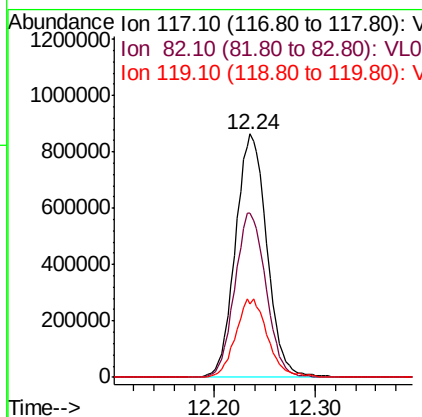
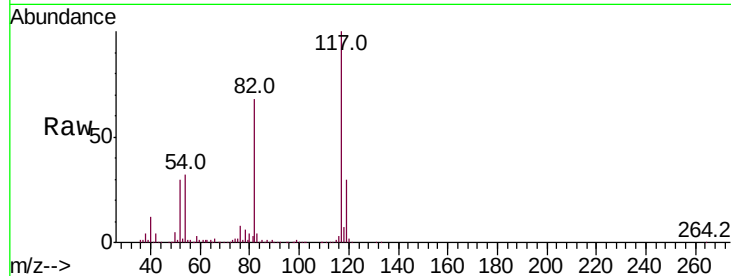
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033363.D
Acq: 18 Mar 2019 18:05

Instrument :
MSVOA_L
ClientSampled :
0.4 MDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	67.4	53.4	80.2
119	33.0	27.3	40.9

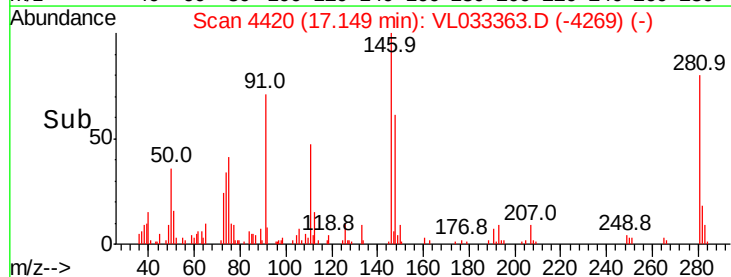
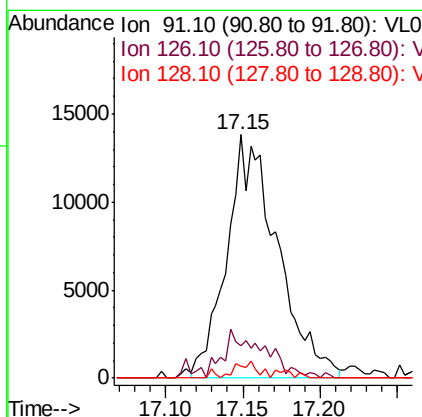
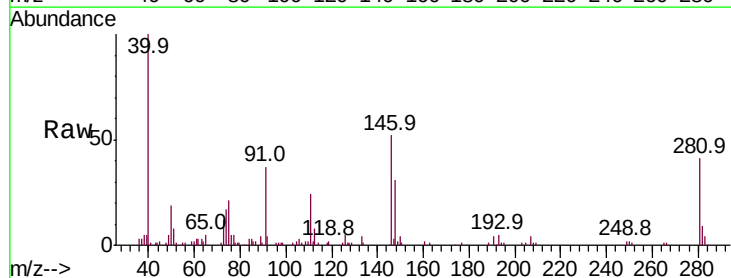
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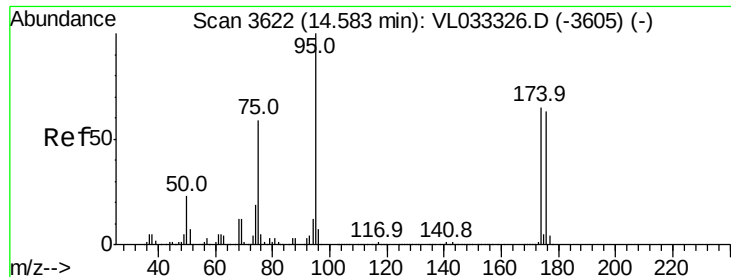
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#66
Benzyl Chloride
Concen: 0.277 ppbv m
RT: 17.15 min Scan# 4420
Delta R.T. -0.02 min
Lab File: VL033363.D
Acq: 18 Mar 2019 18:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.2	19.8#
128	2.9	4.2	6.4#





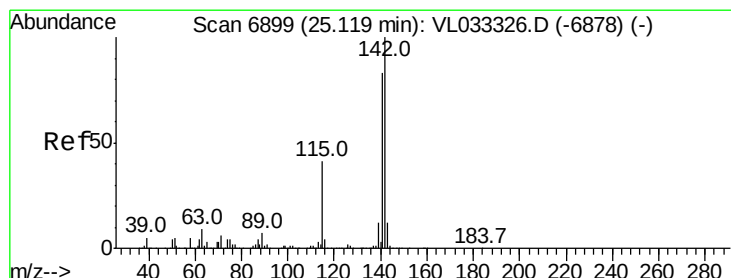
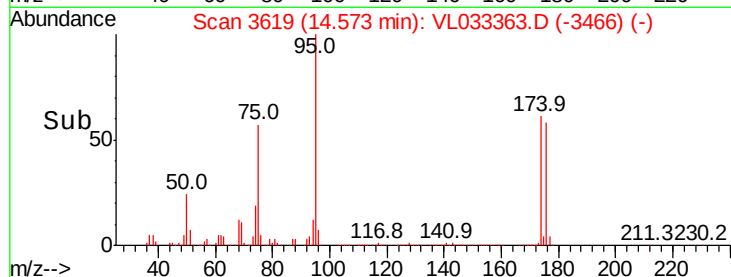
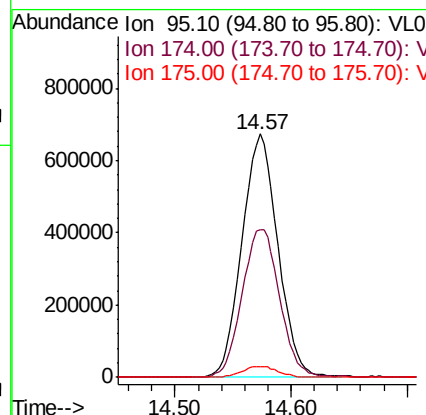
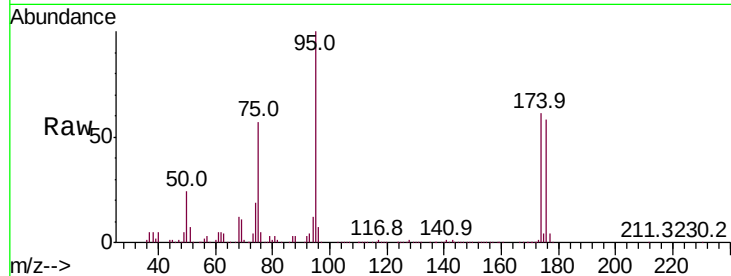
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.531 ppbv
 RT: 14.57 min Scan# 3619
 Delta R.T. -0.01 min
 Lab File: VL033363.D
 Acq: 18 Mar 2019 18:05

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL

Tot Ion: 95 Resp: 1451060
 Ion Ratio Lower Upper
 95 100
 174 63.7 51.5 77.3
 175 4.6 3.8 5.6

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#80
 Naphthalene, 2-methyl-
 Concen: 0.235 ppbv
 RT: 25.12 min Scan# 6899
 Delta R.T. 0.00 min
 Lab File: VL033363.D
 Acq: 18 Mar 2019 18:05

Tgt Ion: 142 Resp: 27719
 Ion Ratio Lower Upper
 142 100
 141 83.4 67.1 100.7
 115 44.1 33.8 50.6

