

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062419\
 Data File : VL033961.D
 Acq On : 25 Jun 2019 7:12
 Operator : SY/AP
 Sample : K3474-01DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENTDL

Manual Integrations
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 6/26/2019 8:15:59 AM

Quant Time: Jun 25 09:15:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.74	49	780488	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.26	114	1835861	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.21	117	1912315	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.54	95	1534146	9.77	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.65	45	57956m	5.181	ppbv	
15) Acetone	3.89	43	92022	0.808	ppbv	99
19) Isopropyl Alcohol	4.03	45	65948	1.014	ppbv #	95
24) 1,1-Dichloroethane	5.07	63	21661	0.210	ppbv #	94
32) 1,1,1-Trichloroethane	6.60	97	113261	0.869	ppbv	100

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

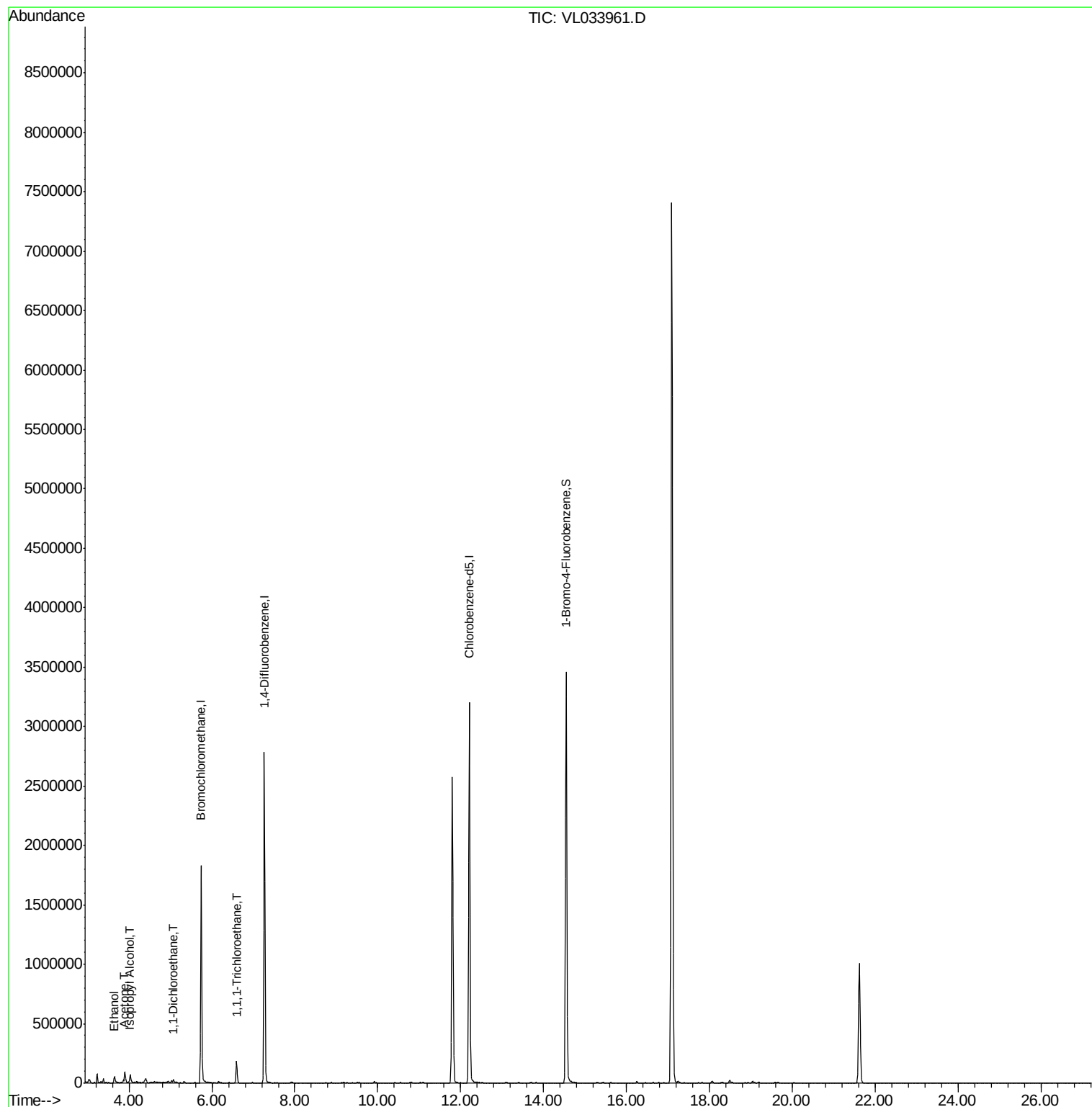
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL062419\
Data File : VL033961.D
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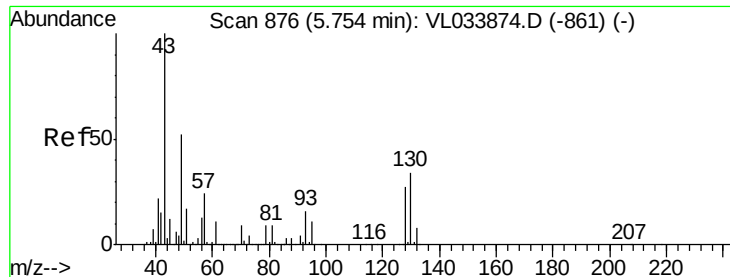
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QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.74 min Scan# 871

Delta R.T. -0.02 min

Lab File: VL033961.D

Acq: 25 Jun 2019 7:12

Instrument :

MSVOA_L

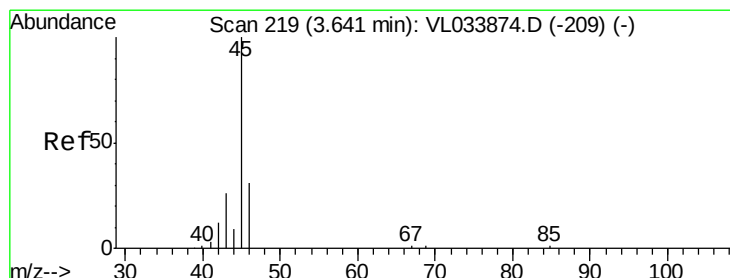
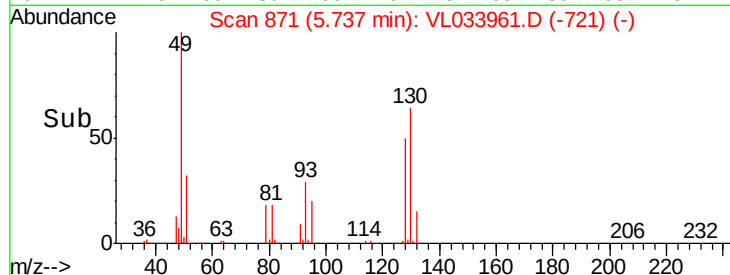
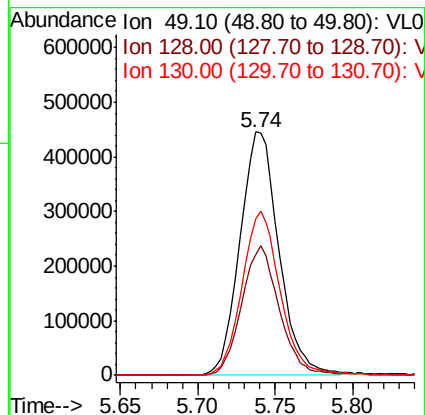
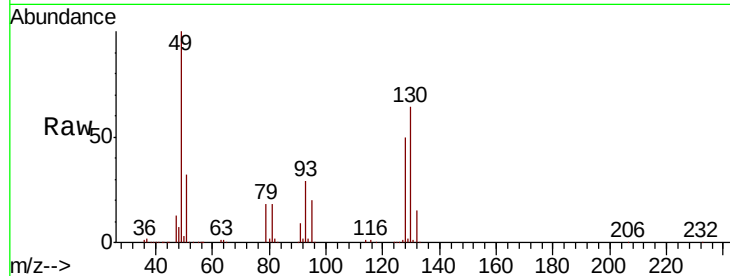
ClientSampleId :

INFLUENTDL

Tot Ion:	49	Resp:	780488
Ion Ratio	Lower	Upper	
49	100		
128	51.7	25.5	76.5
130	66.4	32.5	97.4

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#13

Ethanol

Concen: 5.181 ppbv m

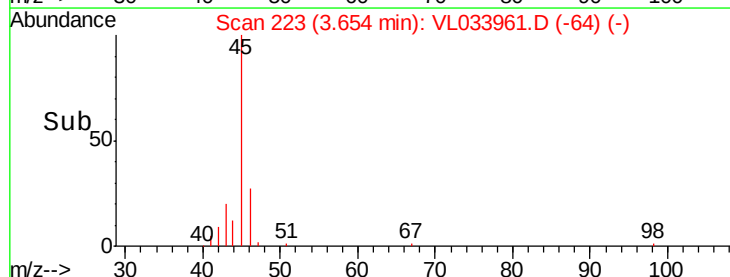
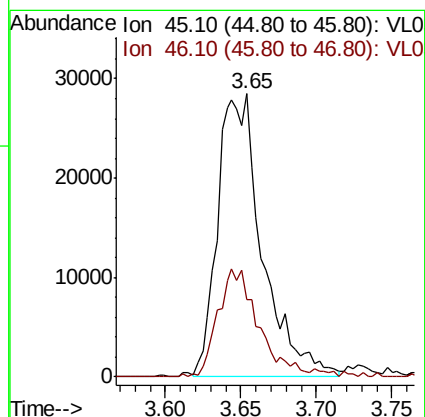
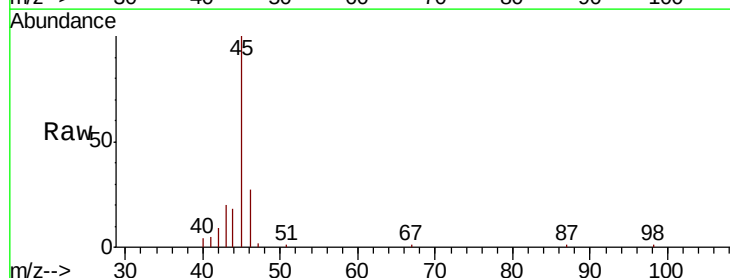
RT: 3.65 min Scan# 223

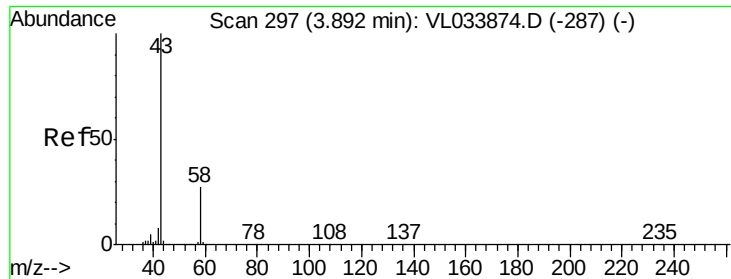
Delta R.T. 0.01 min

Lab File: VL033961.D

Acq: 25 Jun 2019 7:12

Tgt Ion:	45	Resp:	57956
Ion Ratio	Lower	Upper	
45	100		
46	36.3	15.3	61.1





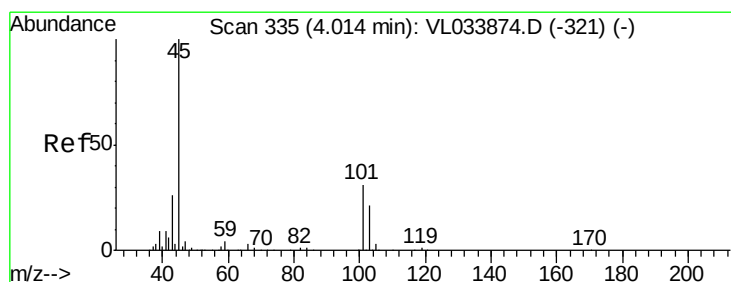
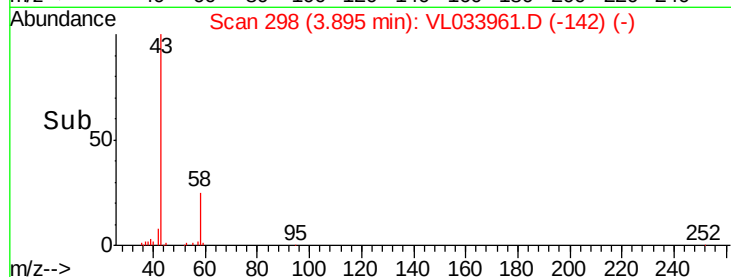
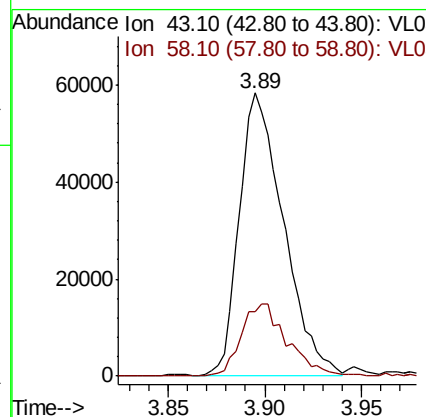
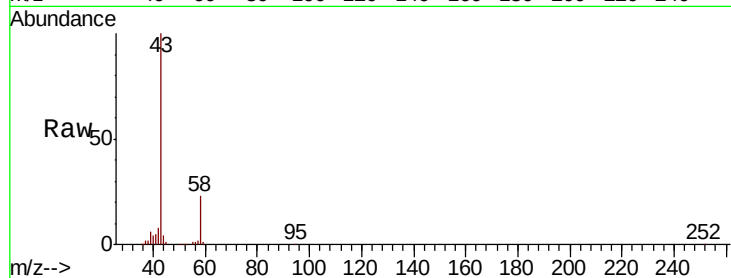
#15
Acetone
Concen: 0.808 ppbv
RT: 3.89 min Scan# 298
Delta R.T. 0.00 min
Lab File: VL033961.D
Acq: 25 Jun 2019 7:12

Instrument :
MSVOA_L
ClientSampleId :
INFLUENTDL

Tot Ion	43	Resp	92022
Ion Ratio	100	Lower	Upper
43	100		
58	26.9	21.3	31.9

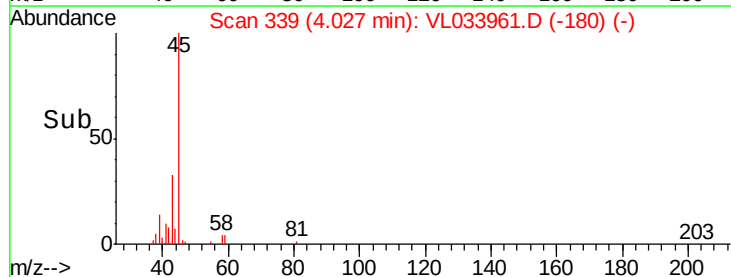
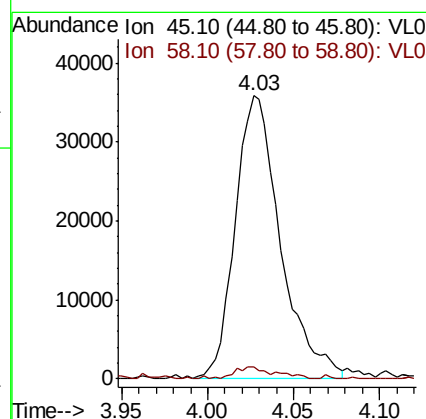
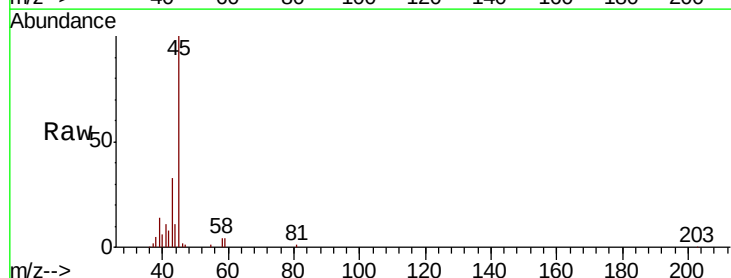
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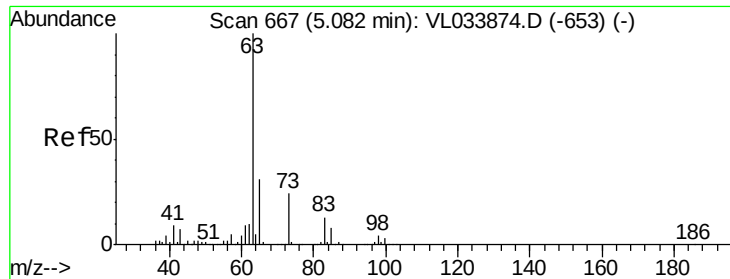
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#19
Isopropyl Alcohol
Concen: 1.014 ppbv
RT: 4.03 min Scan# 339
Delta R.T. 0.01 min
Lab File: VL033961.D
Acq: 25 Jun 2019 7:12

Tgt Ion	45	Resp	65948
Ion Ratio	100	Lower	Upper
45	100		
58	4.1	1.8	2.6#





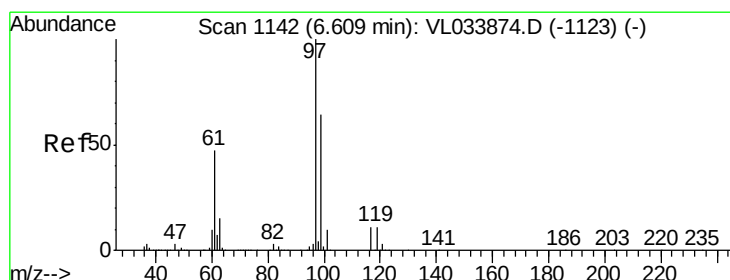
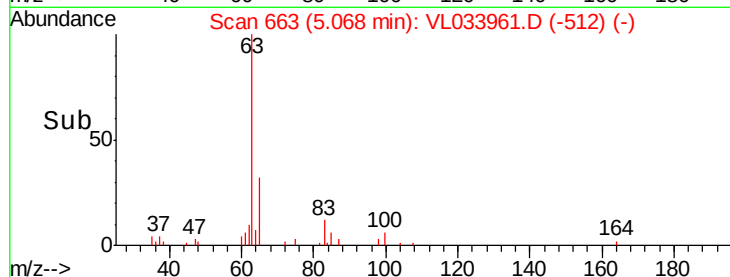
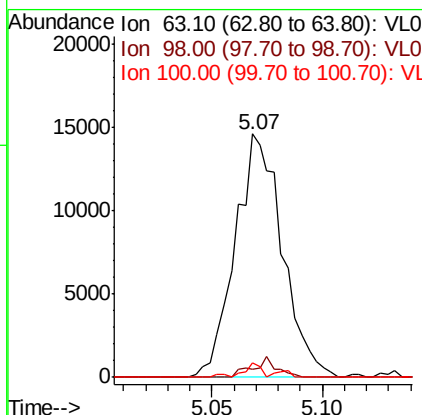
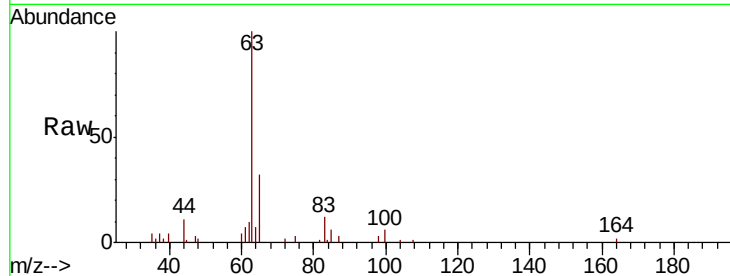
#24
 1,1-Dichloroethane
 Concen: 0.210 ppbv
 RT: 5.07 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: VL033961.D
 Acq: 25 Jun 2019 7:12

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENTDL

Tot Ion:	63	Resp:	21661
Ion Ratio	Lower	Upper	
63	100		
98	3.1	2.2	6.6
100	5.8	1.3	3.8#

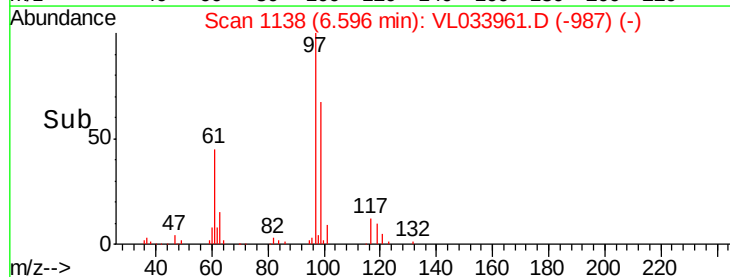
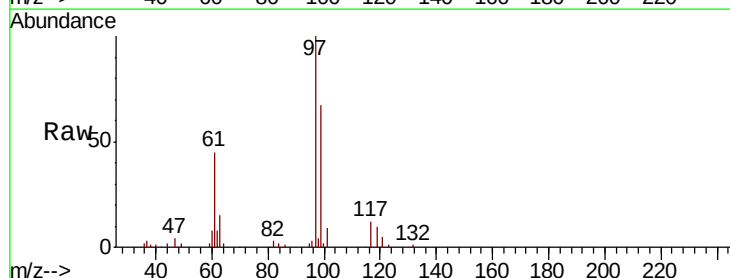
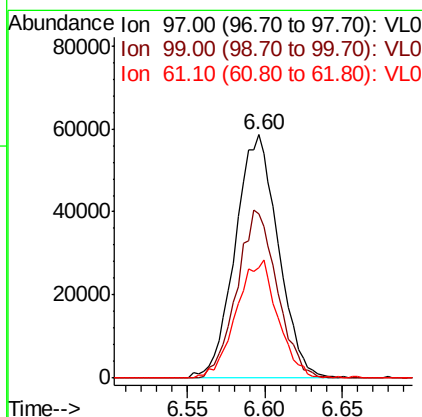
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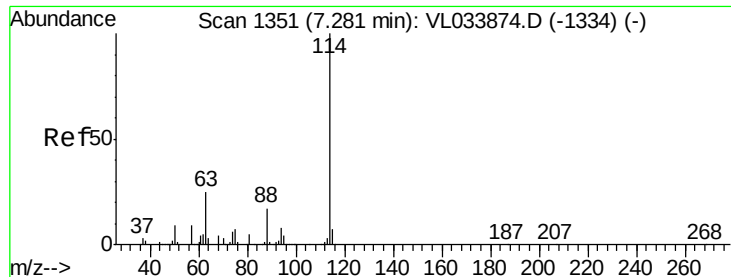
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#32
 1,1,1-Trichloroethane
 Concen: 0.869 ppbv
 RT: 6.60 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VL033961.D
 Acq: 25 Jun 2019 7:12

Tgt Ion:	97	Resp:	113261
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.7	77.5
61	47.2	37.7	56.5





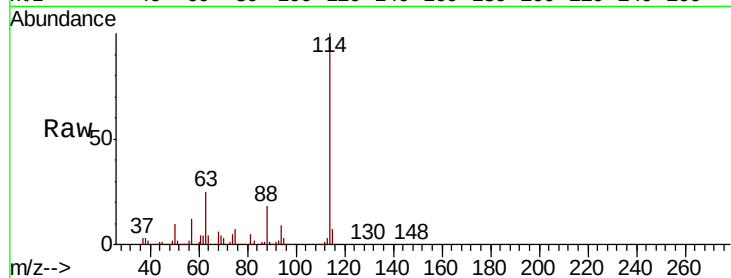
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.26 min Scan# 1346
 Delta R.T. -0.02 min
 Lab File: VL033961.D
 Acq: 25 Jun 2019 7:12

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENTDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.8	21.1	31.7
88	17.9	14.2	21.4

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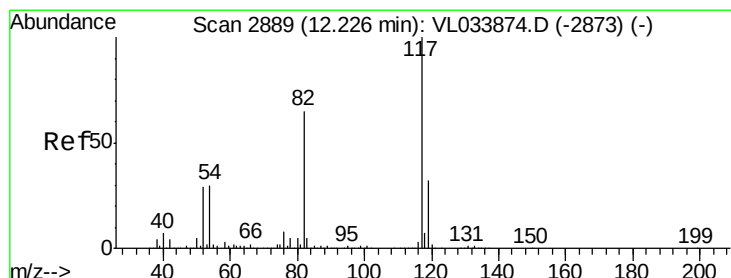
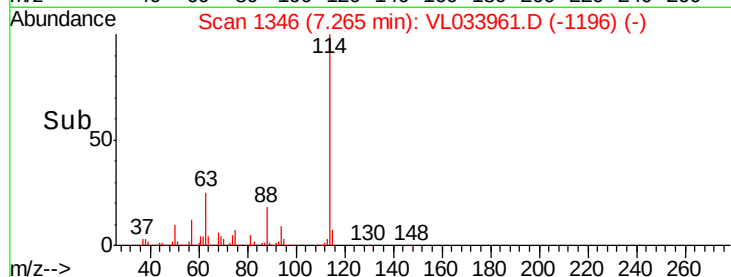
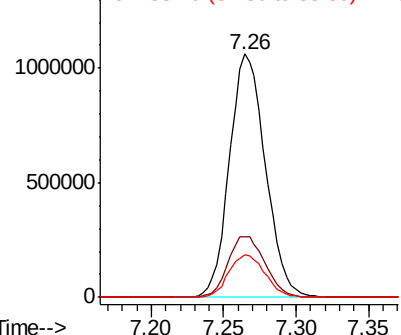
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Abundance Ion 114.10 (113.80 to 114.80): V

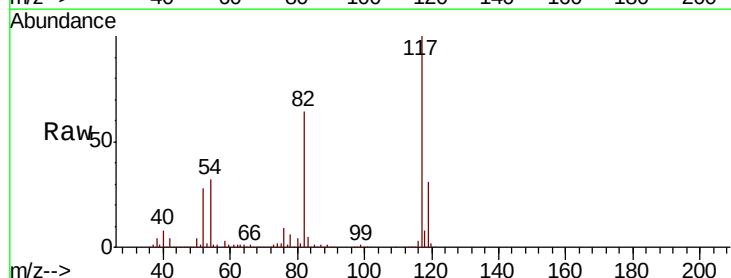
Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.21 min Scan# 2884
 Delta R.T. -0.02 min
 Lab File: VL033961.D
 Acq: 25 Jun 2019 7:12

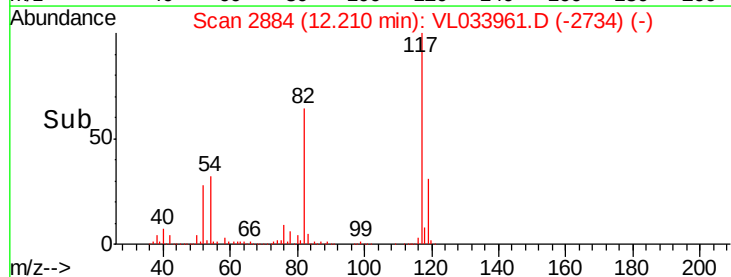
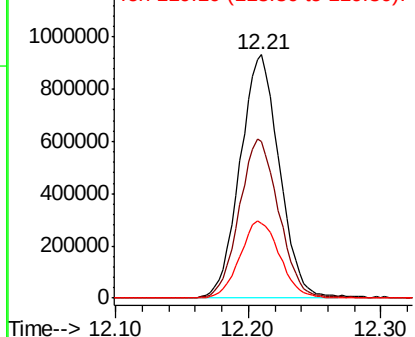
Tgt Ion	Ratio	Lower	Upper
117	100		
82	66.6	50.2	75.2
119	32.3	24.8	37.2

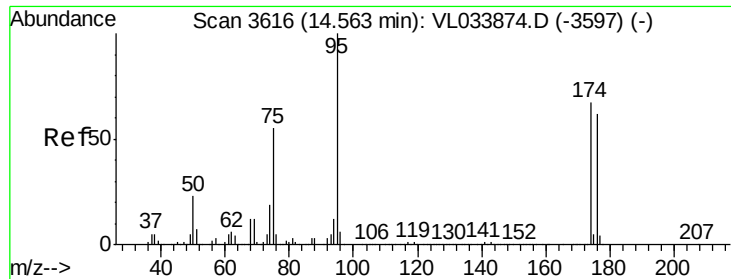


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.767 ppbv
 RT: 14.54 min Scan# 3610
 Delta R.T. -0.02 min
 Lab File: VL033961.D
 Acq: 25 Jun 2019 7:12

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Tot Ion	Ratio	Lower	Upper
95	100		
174	67.4	54.0	81.0
175	4.9	3.8	5.8

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