

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052919\
 Data File : VL033869.D
 Acq On : 30 May 2019 13:52
 Operator : SY/AP
 Sample : K3067-09DL 5.4X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-23-20190523-ODL

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Quant Time: May 31 08:07:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 1
 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	690502	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1543447	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.23	117	1545800	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.56	95	1245792	9.94	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.40%

Target Compounds						Ovalue
13) Ethanol	3.66	45	30221m	2.779	ppbv	
15) Acetone	3.90	43	113248	1.182	ppbv	97
19) Isopropyl Alcohol	4.04	45	34293	0.555	ppbv #	87
26) Hexane	5.78	57	172730	2.387	ppbv #	37
32) 1,1,1-Trichloroethane	6.61	97	19059	0.143	ppbv	94
34) 2-Butanone	5.34	43	12628	0.132	ppbv #	88
52) Tetrachloroethene	11.36	164	111420	2.258	ppbv	96

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

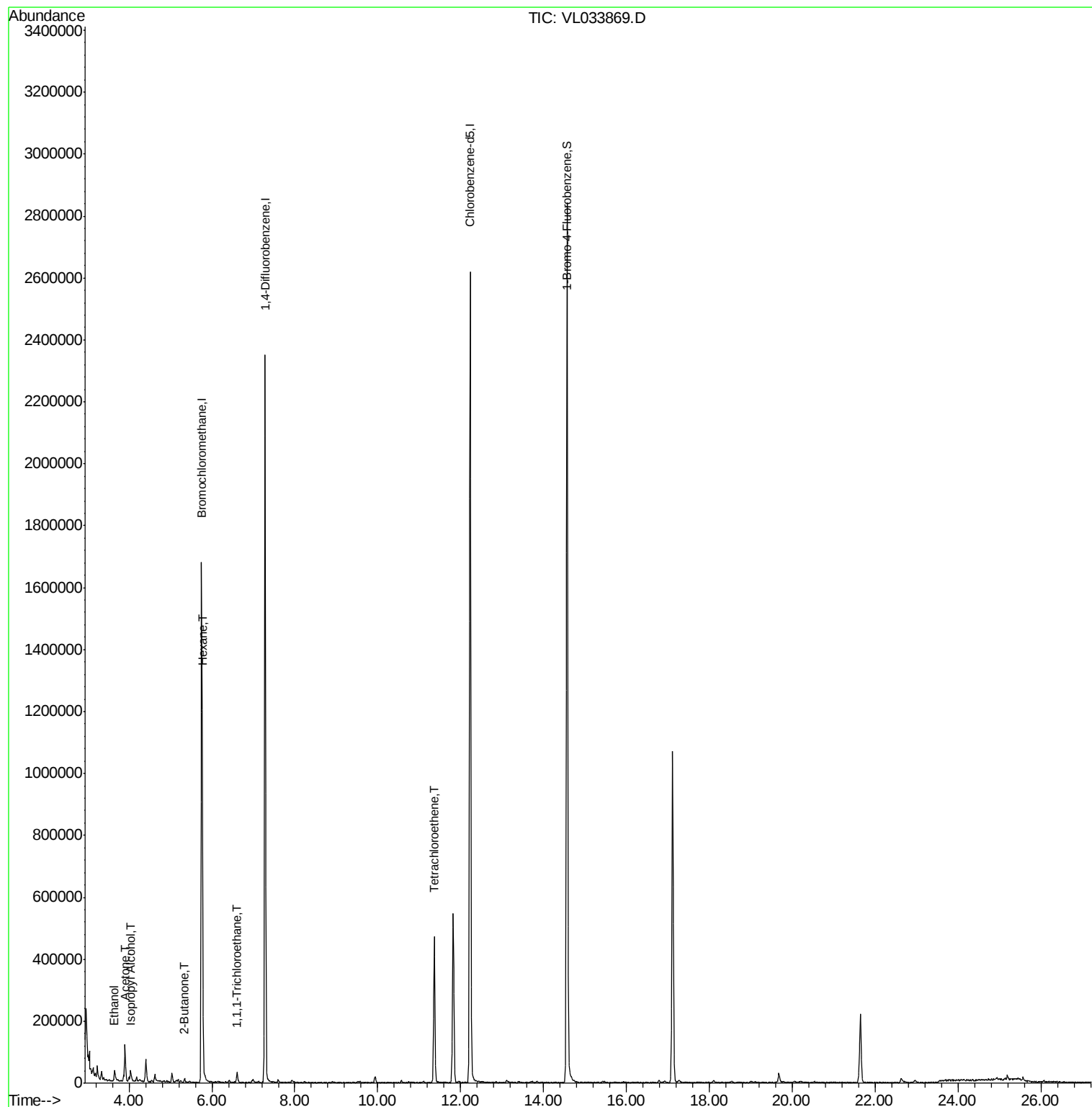
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL052919\
Data File : VL033869.D
Acq On : 30 May 2019 13:52
Operator : SY/AP
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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

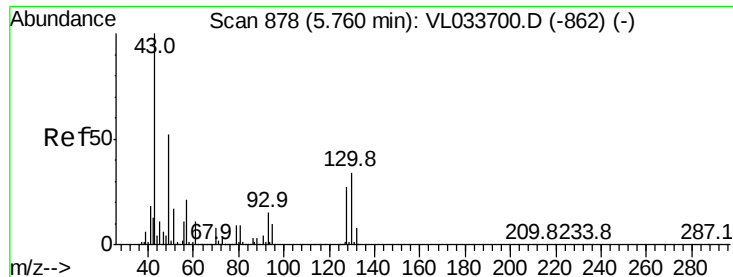
Instrument :
MSVOA_L
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
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QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration





#1

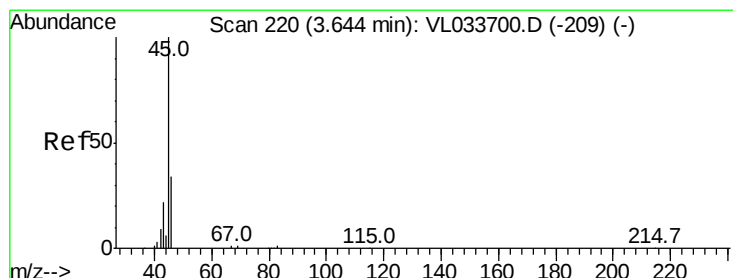
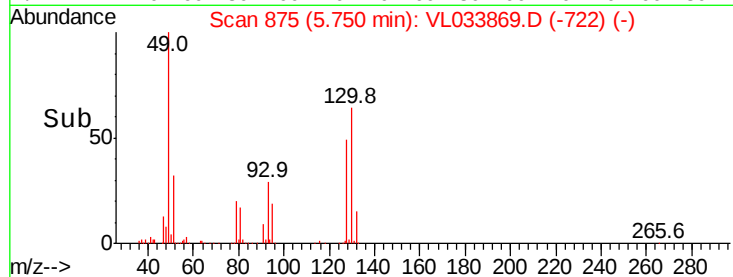
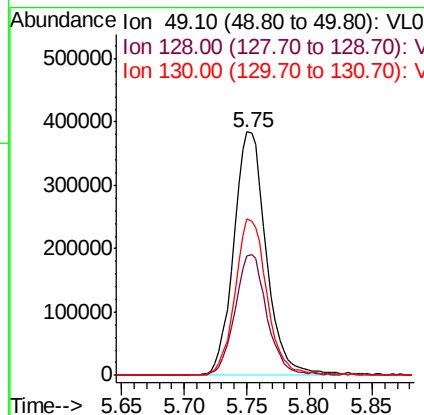
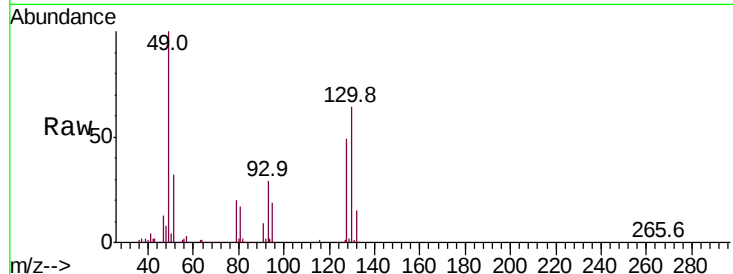
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.75 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: VL033869.D
 Acq: 30 May 2019 13:52

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-23-20190523-ODL

Tot Ion	Ratio	Lower	Upper
49	100		
128	48.7	25.2	75.6
130	63.8	32.5	97.5

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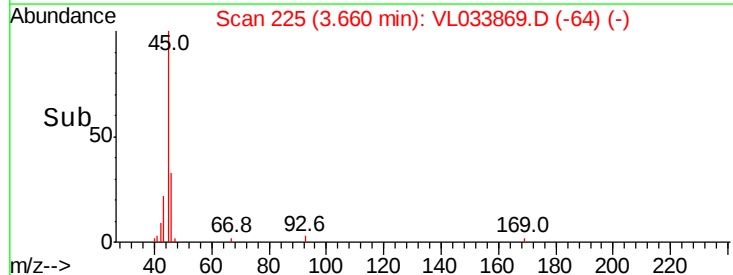
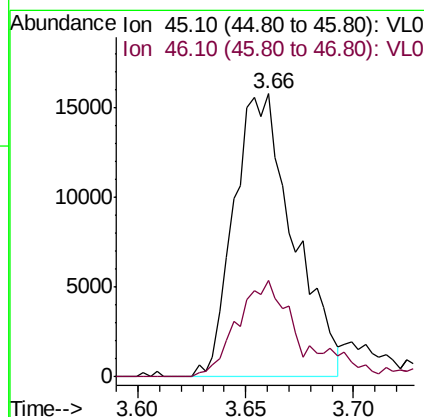
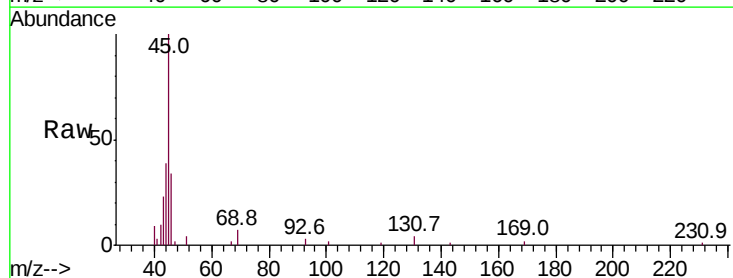
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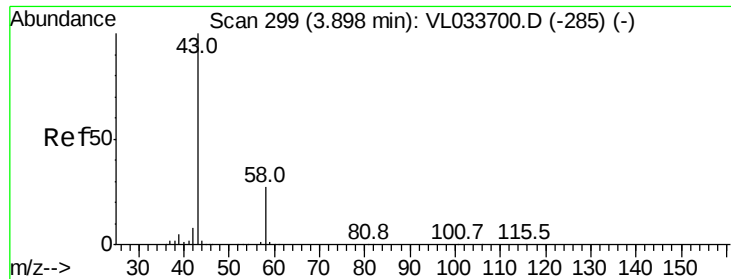


#13

Ethanol
 Concen: 2.779 ppbv m
 RT: 3.66 min Scan# 225
 Delta R.T. 0.02 min
 Lab File: VL033869.D
 Acq: 30 May 2019 13:52

Tgt Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.8	59.0#





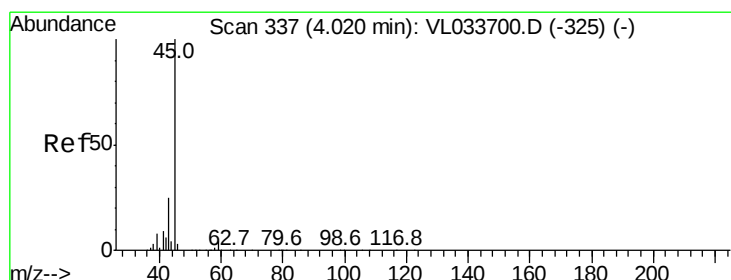
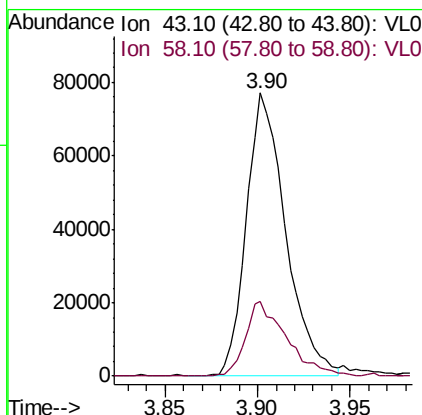
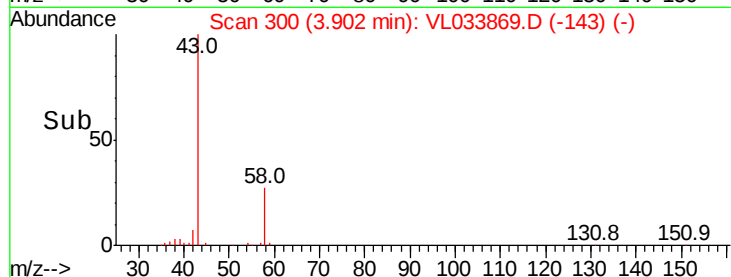
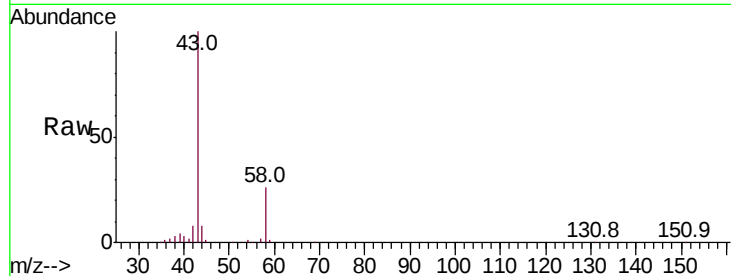
#15
Acetone
Concen: 1.182 ppbv
RT: 3.90 min Scan# 300
Delta R.T. 0.00 min
Lab File: VL033869.D
Acq: 30 May 2019 13:52

Instrument :
MSVOA_L
ClientSampleId :
SG-23-20190523-ODL

Tot Ion: 43 Resp: 113248
Ion Ratio Lower Upper
43 100
58 28.0 21.3 31.9

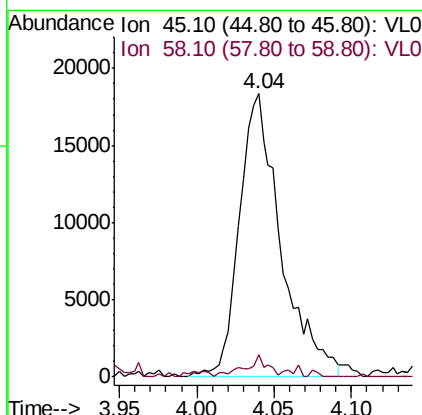
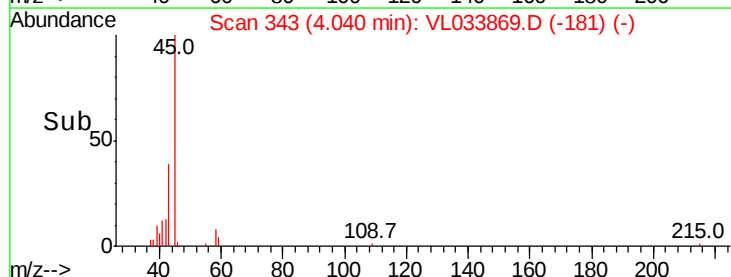
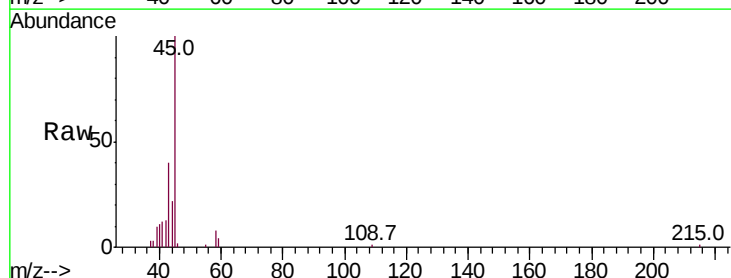
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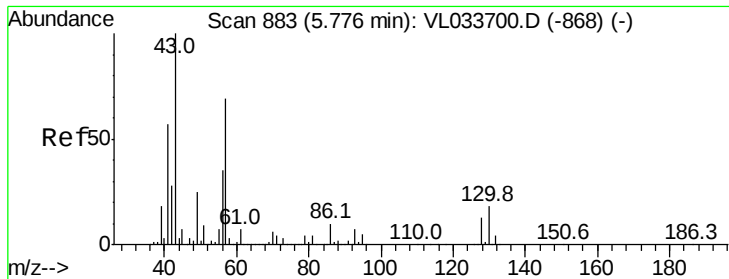
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#19
Isopropyl Alcohol
Concen: 0.555 ppbv
RT: 4.04 min Scan# 343
Delta R.T. 0.02 min
Lab File: VL033869.D
Acq: 30 May 2019 13:52

Tgt Ion: 45 Resp: 34293
Ion Ratio Lower Upper
45 100
58 6.5 1.6 2.4#





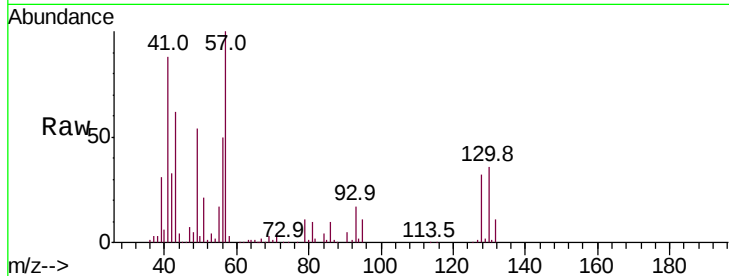
#26
Hexane
Concen: 2.387 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.00 min
Lab File: VL033869.D
Acq: 30 May 2019 13:52

Instrument :
MSVOA_L
ClientSampleId :
SG-23-20190523-ODL

Tot Ion	Ratio	Resp	Lower	Upper
57	100	172730		
41	99.4	69.8	104.6	
43	71.4	181.8	272.6	
56	57.5	42.1	63.1	

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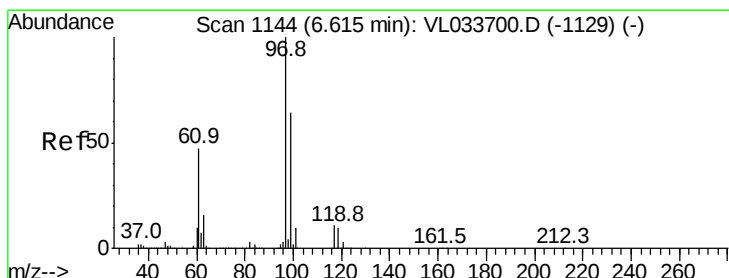
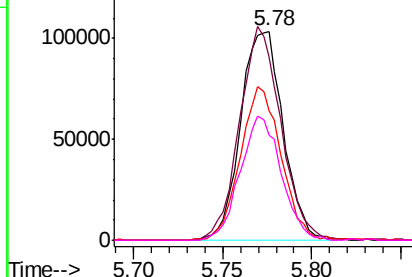
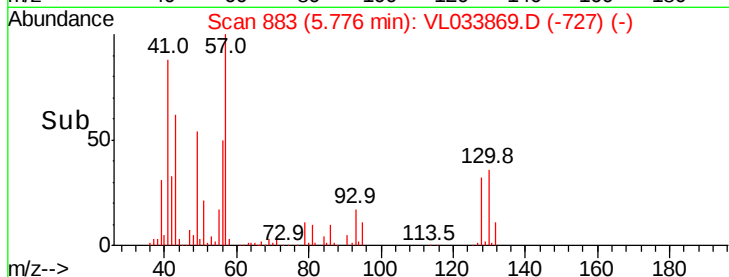
Abundance

Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

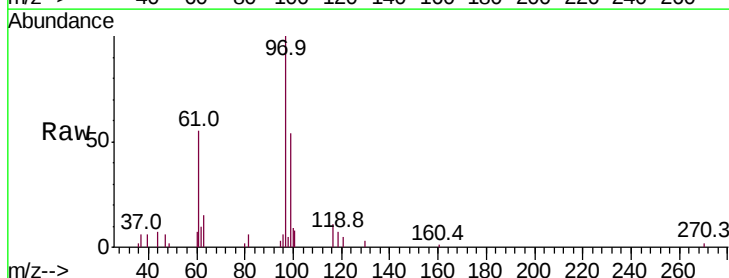
Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#32
1,1,1-Trichloroethane
Concen: 0.143 ppbv
RT: 6.61 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VL033869.D
Acq: 30 May 2019 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	19059		
99	65.5	51.5	77.3	
61	54.7	37.8	56.8	

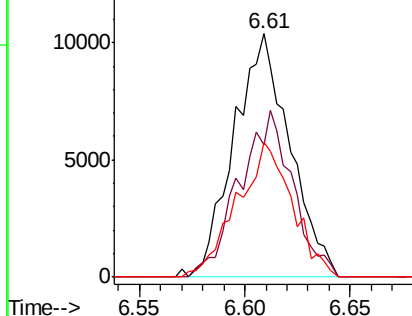
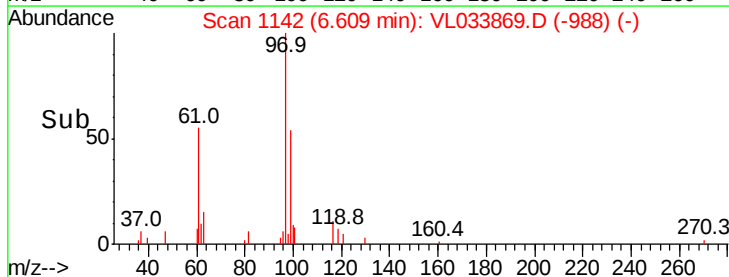


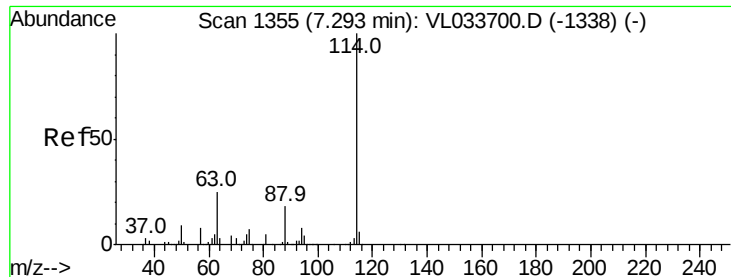
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0





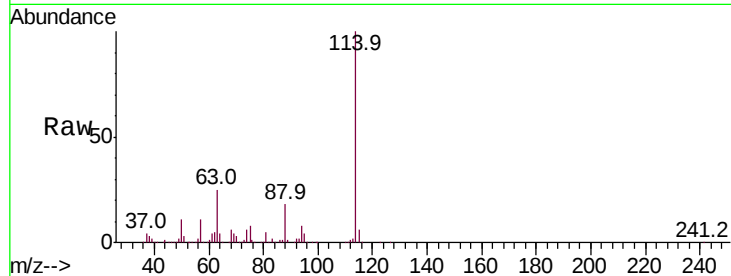
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.28 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: VL033869.D
 Acq: 30 May 2019 13:52

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-23-20190523-ODL

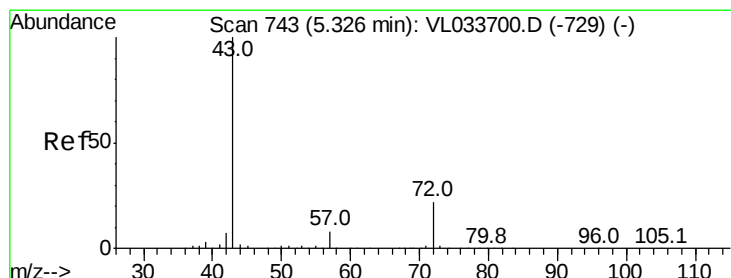
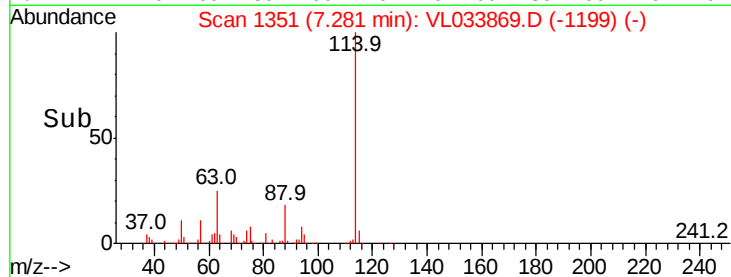
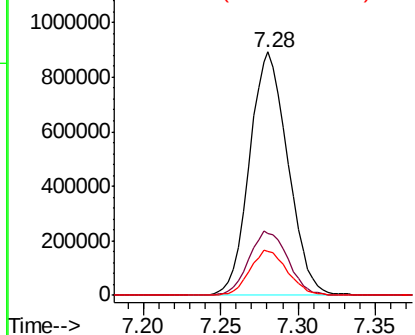
Tot Ion	Ratio	Lower	Upper
114	100		
63	27.0	20.9	31.3
88	18.1	14.3	21.5

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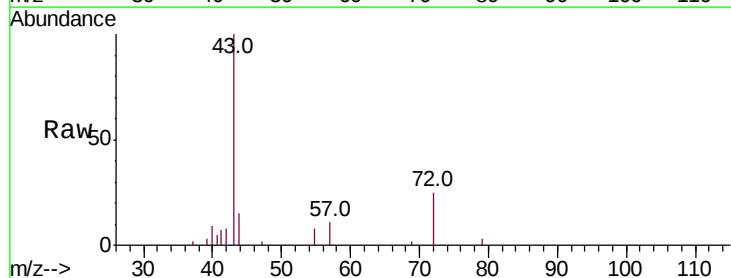


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

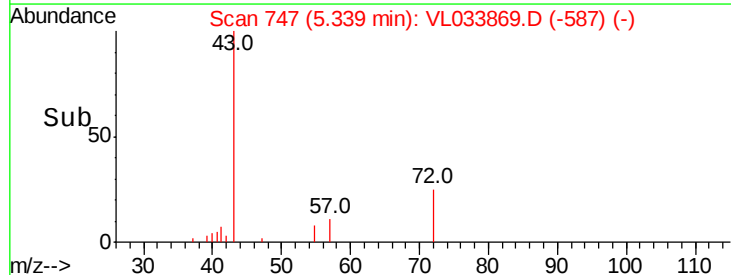
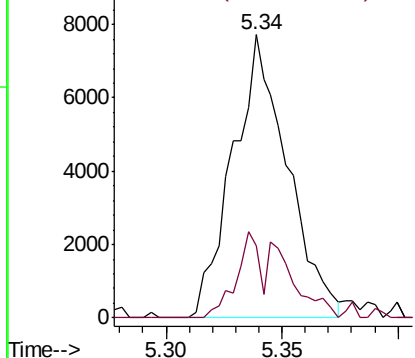


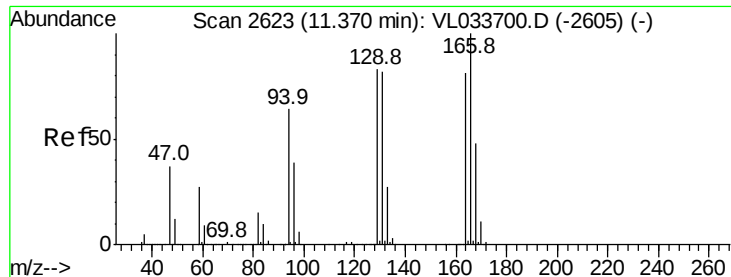
#34
 2-Butanone
 Concen: 0.132 ppbv
 RT: 5.34 min Scan# 747
 Delta R.T. 0.01 min
 Lab File: VL033869.D
 Acq: 30 May 2019 13:52

Tgt Ion	Ratio	Lower	Upper
43	100		
72	27.8	17.8	26.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





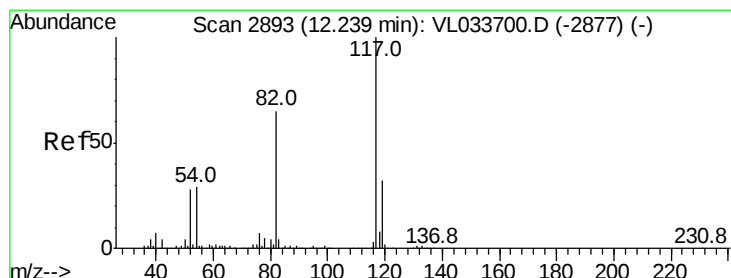
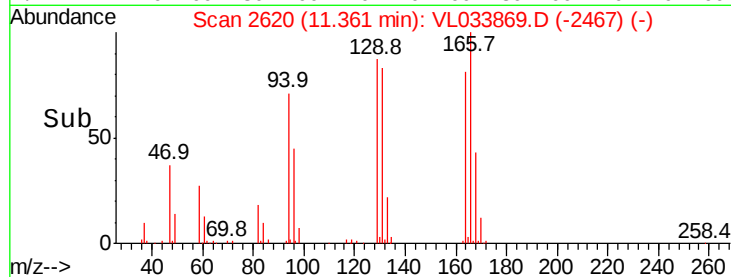
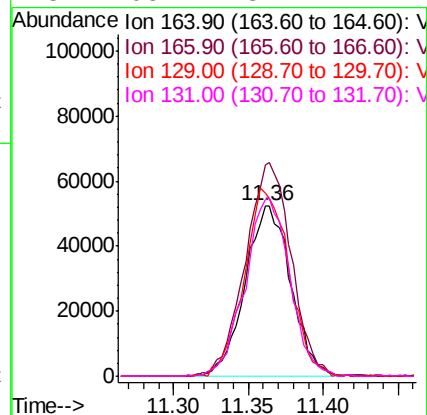
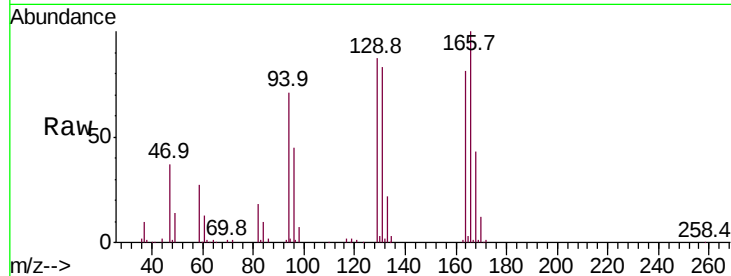
#52
Tetrachloroethene
Concen: 2.258 ppbv
RT: 11.36 min Scan# 2620
Delta R.T. -0.01 min
Lab File: VL033869.D
Acq: 30 May 2019 13:52

Instrument :
MSVOA_L
ClientSampleId :
SG-23-20190523-ODL

Tot Ion	Ratio	Lower	Upper
164	100		
166	123.7	98.9	148.3
129	110.4	81.8	122.6
131	105.7	81.1	121.7

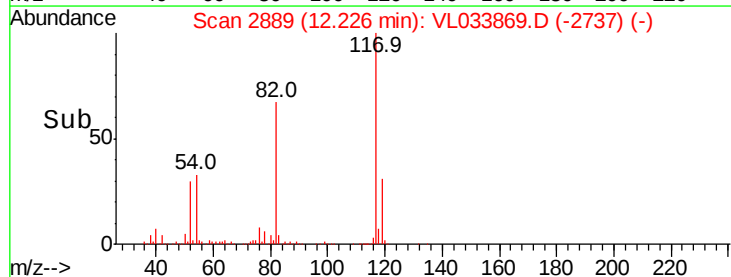
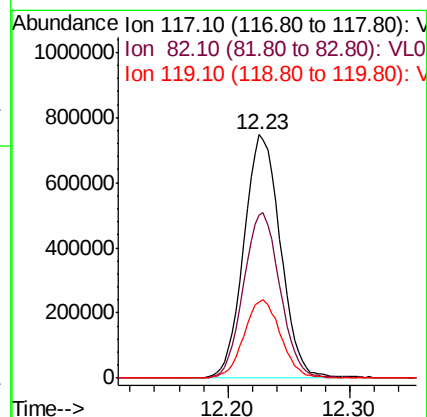
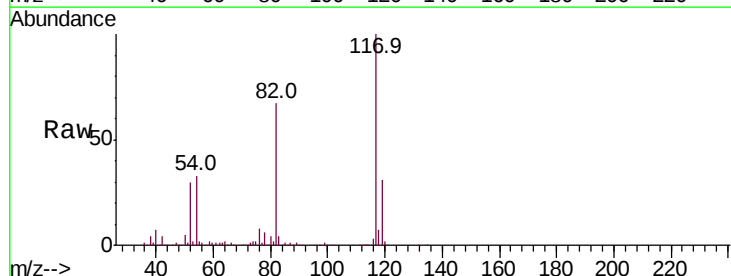
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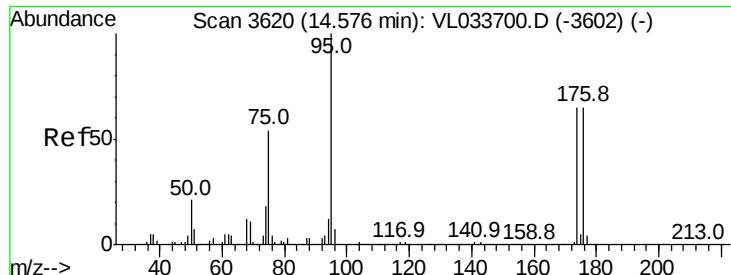
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2889
Delta R.T. -0.01 min
Lab File: VL033869.D
Acq: 30 May 2019 13:52

Tgt Ion	Ratio	Lower	Upper
117	100		
82	68.0	49.4	74.0
119	32.2	24.9	37.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.941 ppbv
 RT: 14.56 min Scan# 3616
 Delta R.T. -0.01 min
 Lab File: VL033869.D
 Acq: 30 May 2019 13:52

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-23-20190523-ODL

Tot Ion: 95 Resp: 1245792
 Ion Ratio Lower Upper
 95 100
 174 66.4 53.9 80.9
 175 4.7 3.8 5.8

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