

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032919\
 Data File : VL033510.D
 Acq On : 29 Mar 2019 20:12
 Operator : SY/AP
 Sample : K2042-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4DL

Manual Integrations
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Quant Time: Mar 30 03:00:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 2
 QLast Update : Tue Mar 26 16:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	840418	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1941549	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1920501	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1504514	9.99	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.65	45	253116	24.073	ppbv	66
15) Acetone	3.91	43	88242	0.873	ppbv	100
19) Isopropyl Alcohol	4.03	45	23409m	0.366	ppbv	
20) Methylene Chloride	4.41	84	31823	0.742	ppbv	93
26) Hexane	5.78	57	26173	0.314	ppbv #	42
38) Trichloroethene	7.96	130	25914	0.423	ppbv	88
53) Toluene	9.95	91	43460	0.230	ppbv	98

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

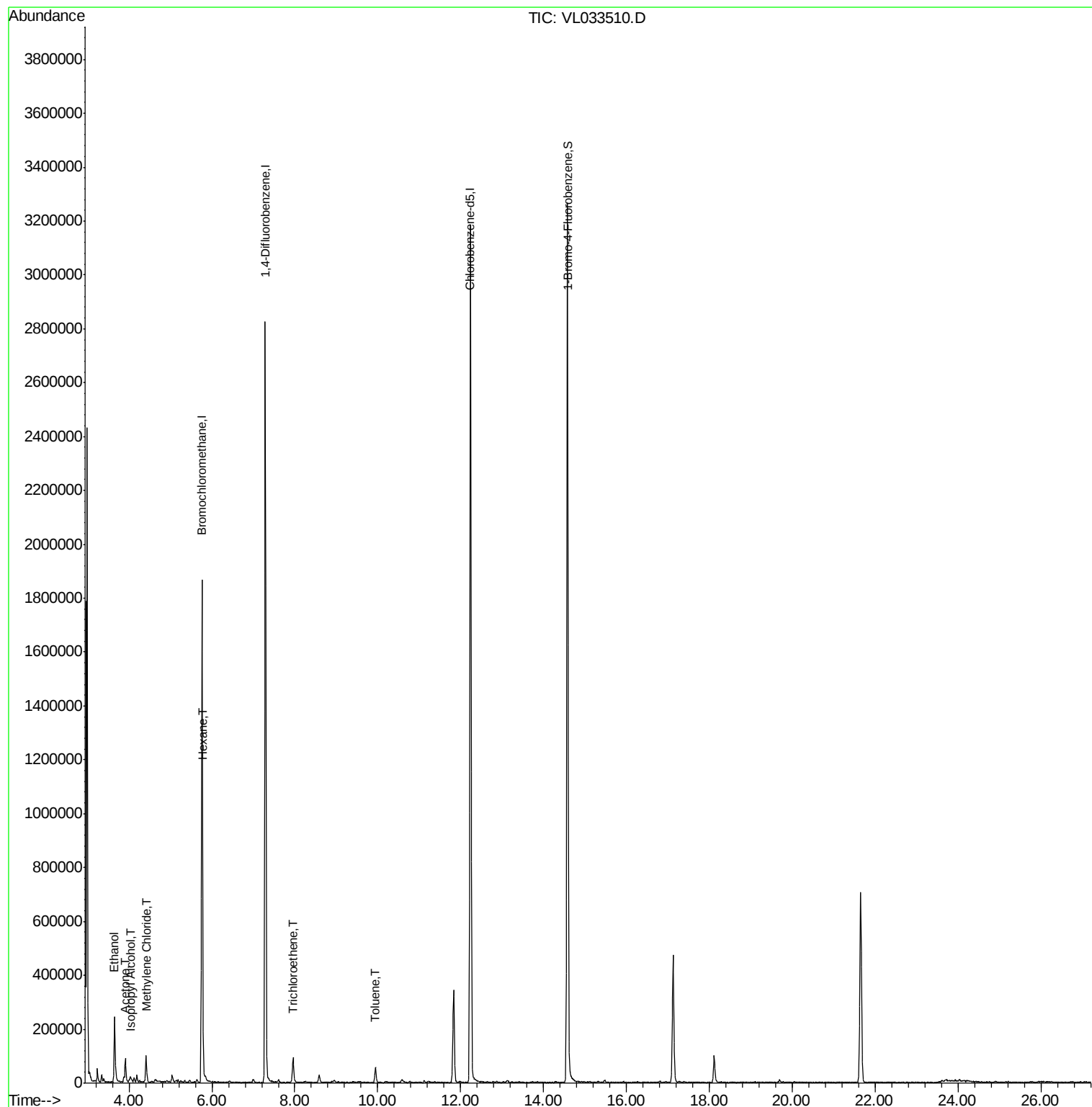
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032919\
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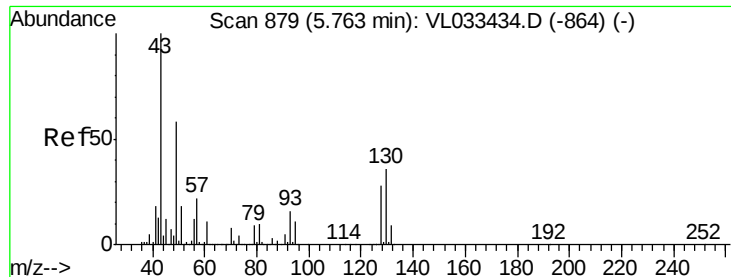
Instrument :
MSVOA_L
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
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QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.00 min

Lab File: VL033510.D

Acq: 29 Mar 2019 20:12

Instrument :

MSVOA_L

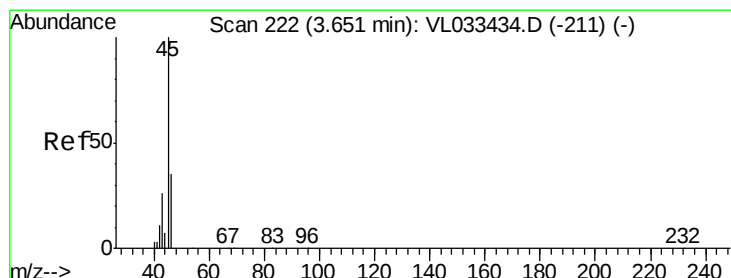
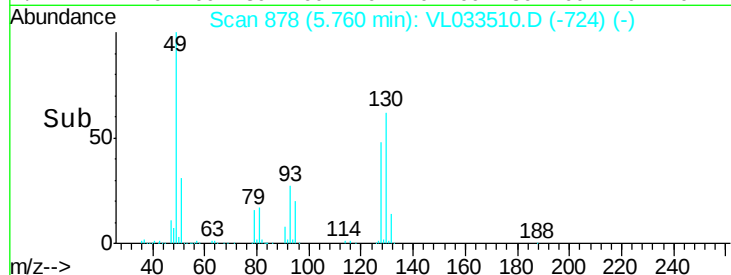
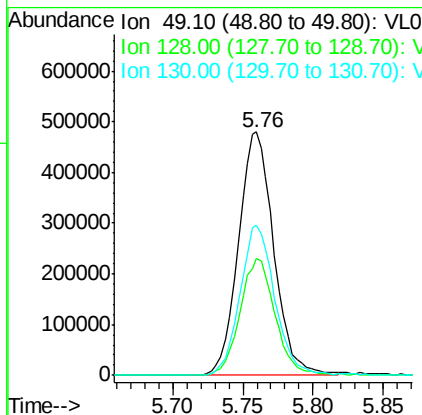
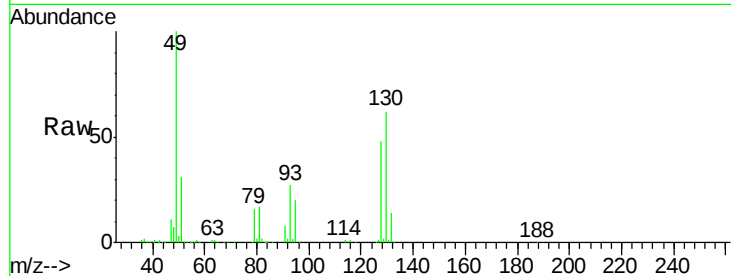
ClientSampled :

SG-4DL

Tot Ion: 49 Resp: 840418
 Ion Ratio Lower Upper
 49 100
 128 48.3 24.0 72.0
 130 61.3 31.2 93.6

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#13

Ethanol

Concen: 24.073 ppbv

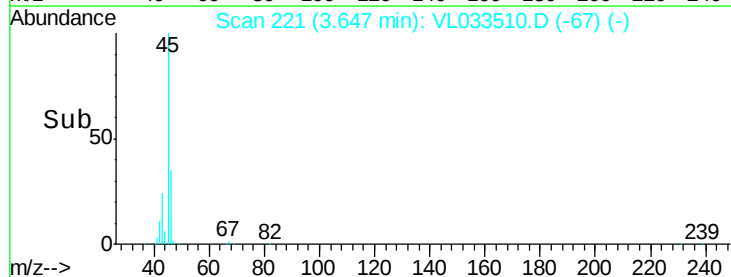
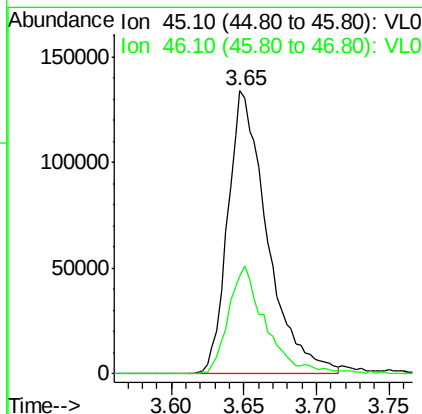
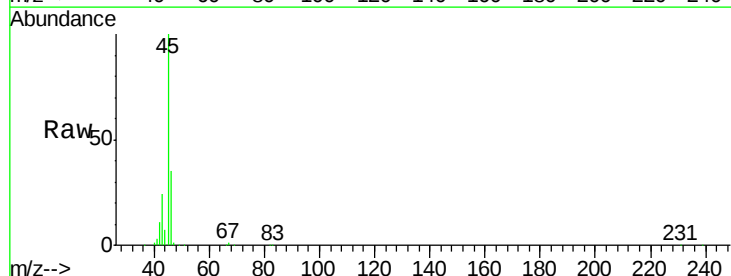
RT: 3.65 min Scan# 221

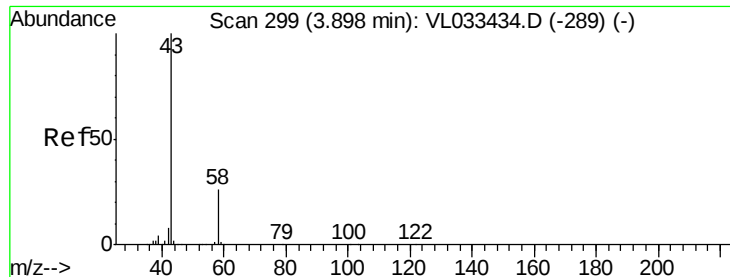
Delta R.T. -0.00 min

Lab File: VL033510.D

Acq: 29 Mar 2019 20:12

Tgt Ion: 45 Resp: 253116
 Ion Ratio Lower Upper
 45 100
 46 36.8 25.4 101.8





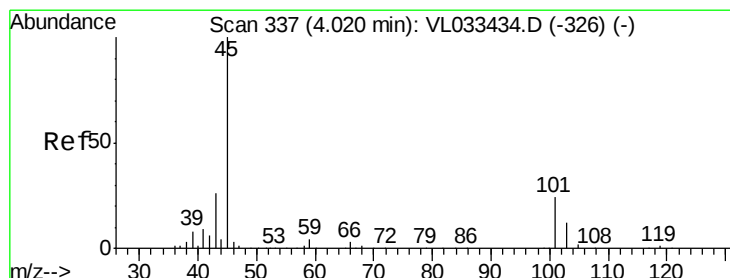
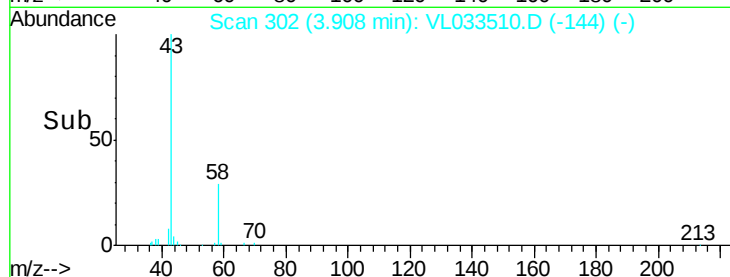
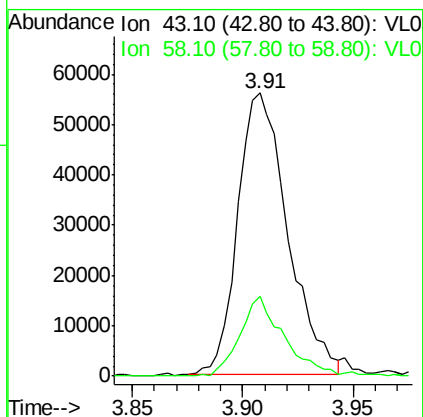
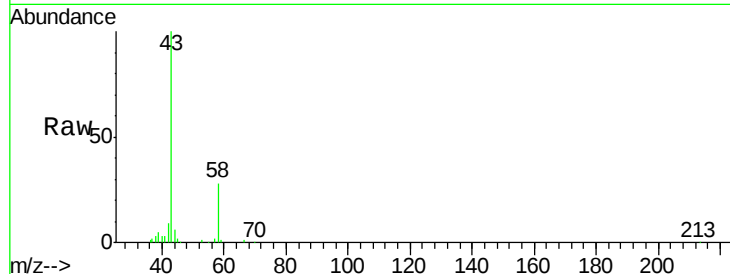
#15
Acetone
Concen: 0.873 ppbv
RT: 3.91 min Scan# 302
Delta R.T. 0.01 min
Lab File: VL033510.D
Acq: 29 Mar 2019 20:12

Instrument :
MSVOA_L
ClientSampleId :
SG-4DL

Tot Ion: 43 Resp: 88242
Ion Ratio Lower Upper
43 100
58 25.4 20.5 30.7

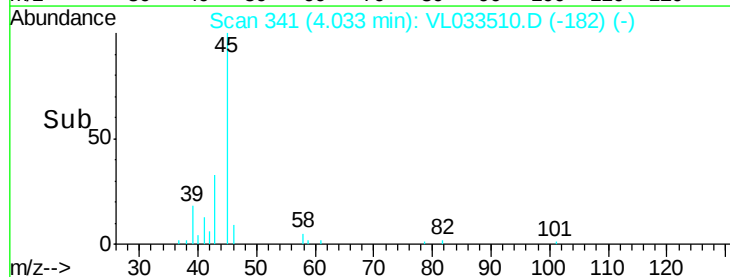
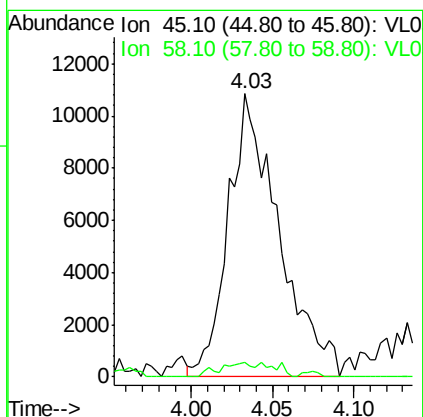
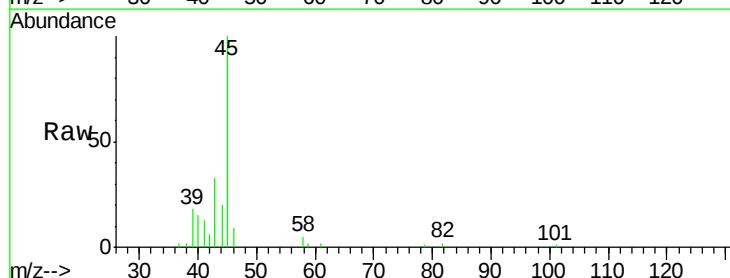
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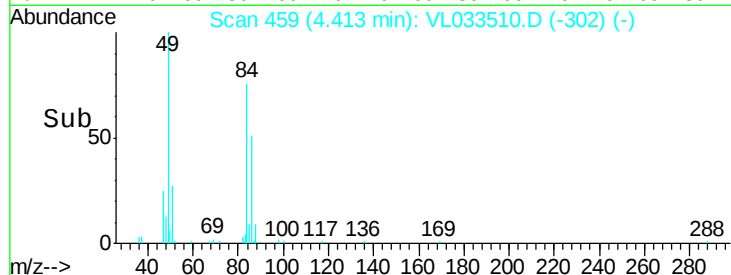
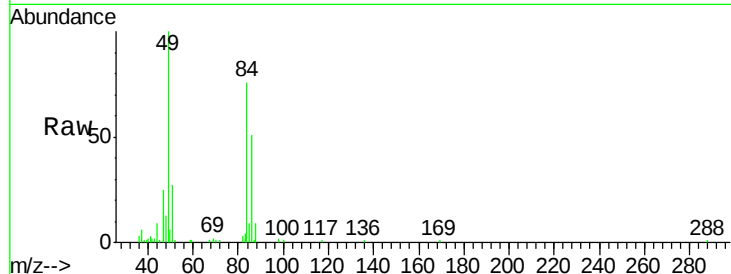
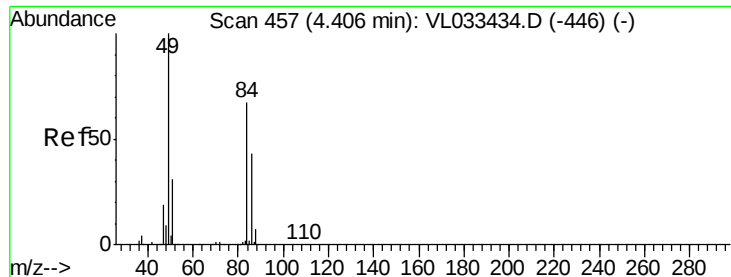
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#19
Isopropyl Alcohol
Concen: 0.366 ppbv m
RT: 4.03 min Scan# 341
Delta R.T. 0.01 min
Lab File: VL033510.D
Acq: 29 Mar 2019 20:12

Tgt Ion: 45 Resp: 23409
Ion Ratio Lower Upper
45 100
58 5.8 1.4 2.2#





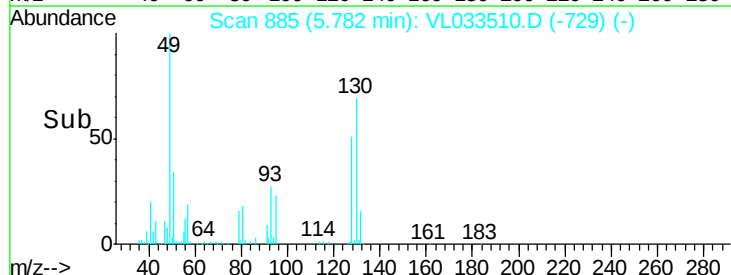
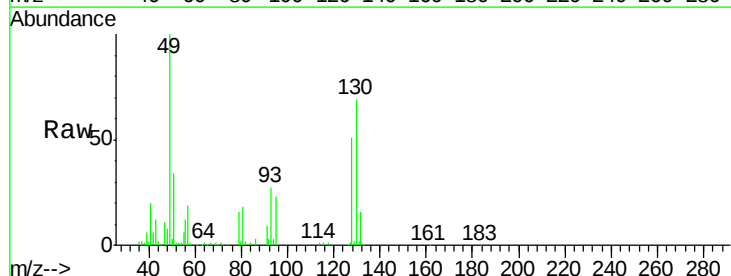
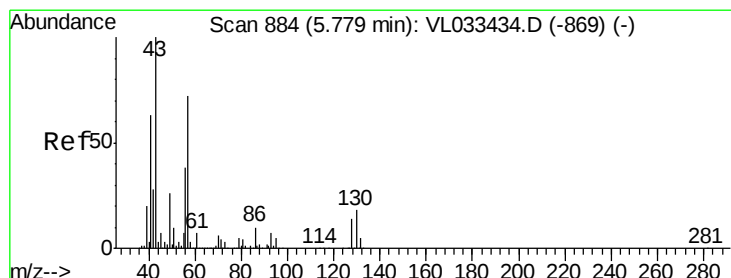
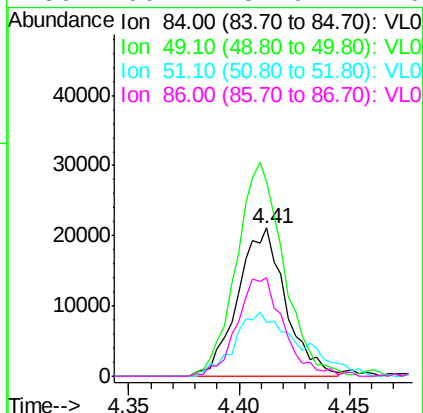
#20
Methvlene Chloride
Concen: 0.742 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.01 min
Lab File: VL033510.D
Acq: 29 Mar 2019 20:12

Tot Ion:	84	Resp:	31823
Ion	Ratio	Lower	Upper
84	100		
49	139.5	120.0	180.0
51	37.5	36.7	55.1
86	66.4	51.9	77.9

Instrument :
MSVOA_L
ClientSampleId :
SG-4DL

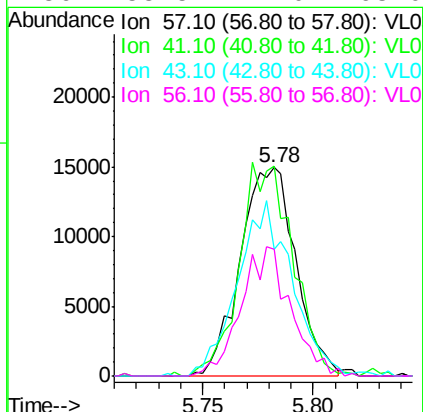
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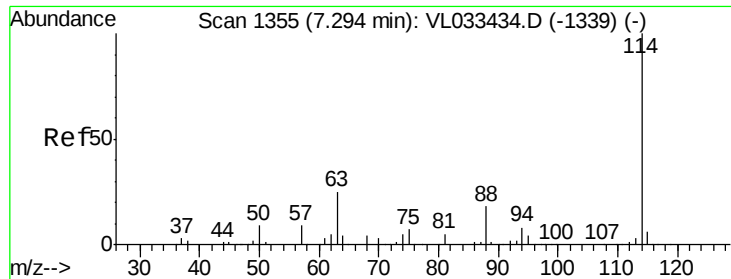
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#26
Hexane
Concen: 0.314 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.00 min
Lab File: VL033510.D
Acq: 29 Mar 2019 20:12

Tgt Ion:	57	Resp:	26173
Ion	Ratio	Lower	Upper
57	100		
41	99.0	70.7	106.1
43	83.2	182.6	274.0#
56	55.5	42.0	63.0





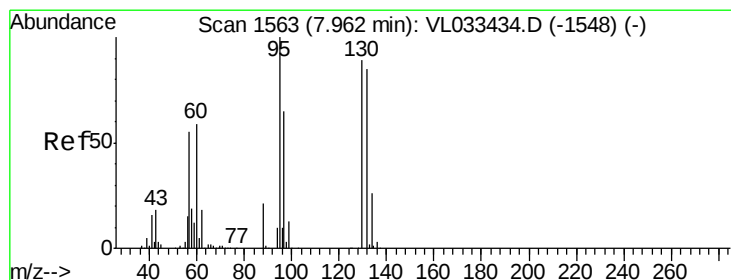
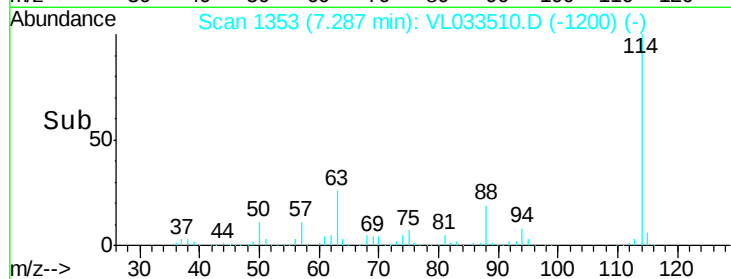
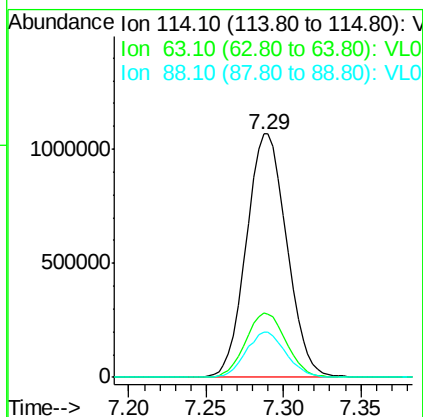
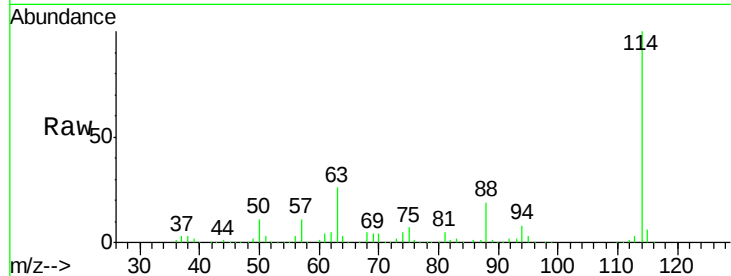
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: VL033510.D
 Acq: 29 Mar 2019 20:12

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.7	21.5	32.3
88	18.3	14.5	21.7

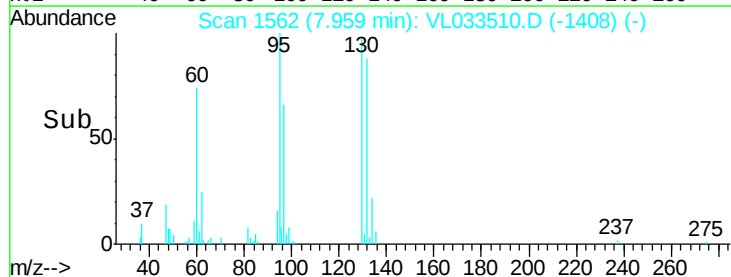
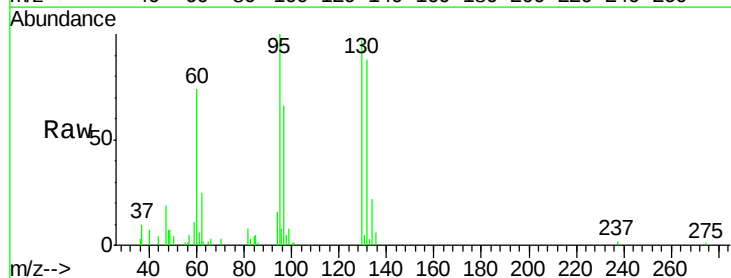
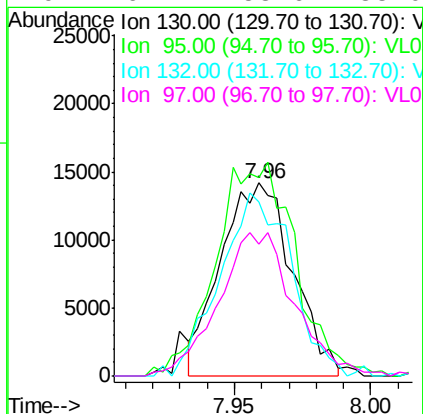
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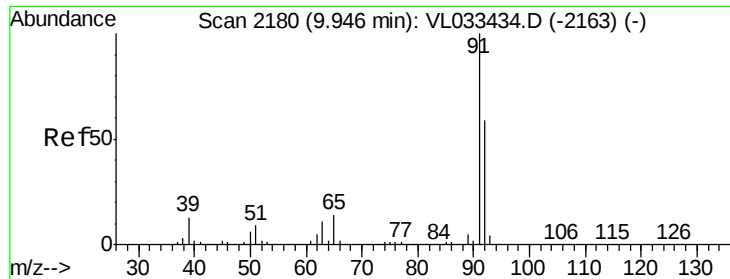
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#38
 Trichloroethene
 Concen: 0.423 ppbv
 RT: 7.96 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: VL033510.D
 Acq: 29 Mar 2019 20:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.2	89.8	134.8
132	87.5	76.6	115.0
97	64.7	58.6	88.0





#53

Toluene

Concen: 0.230 ppbv

RT: 9.95 min Scan# 2180

Delta R.T. -0.00 min

Lab File: VL033510.D

Acq: 29 Mar 2019 20:12

Instrument :

MSVOA_L

ClientSampleId :

SG-4DL

Tot Ion: 91 Resp: 43460

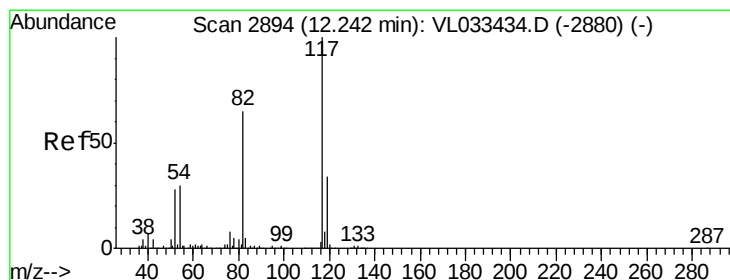
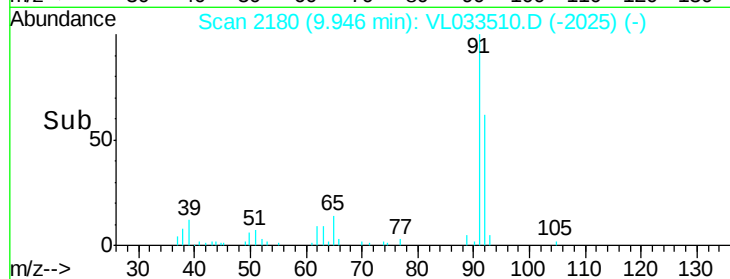
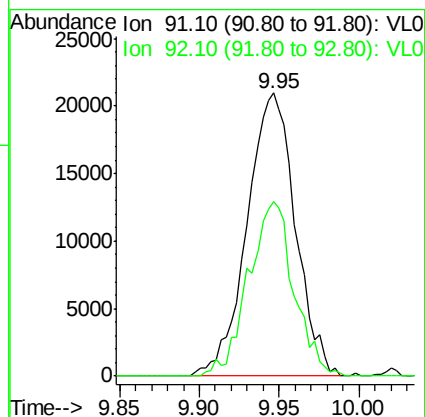
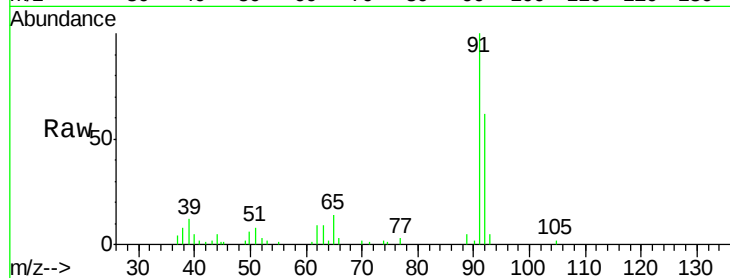
Ion Ratio Lower Upper

91 100

92 58.0 47.4 71.0

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2893

Delta R.T. -0.00 min

Lab File: VL033510.D

Acq: 29 Mar 2019 20:12

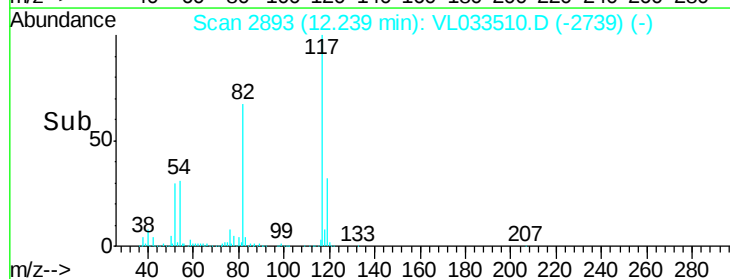
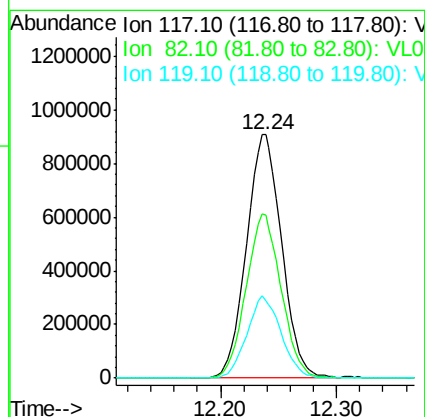
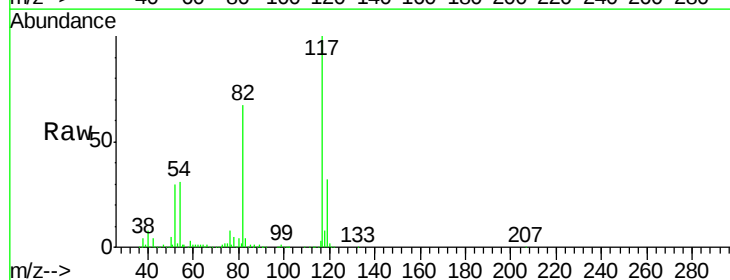
Tgt Ion: 117 Resp: 1920501

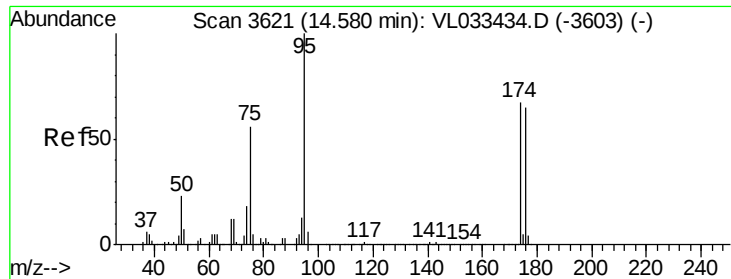
Ion Ratio Lower Upper

117 100

82 67.2 51.5 77.3

119 32.6 25.5 38.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.993 ppbv
 RT: 14.57 min Scan# 3619
 Delta R.T. -0.01 min
 Lab File: VL033510.D
 Acq: 29 Mar 2019 20:12

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	66.1	52.9	79.3
175	4.8	3.8	5.6

Manual Integrations
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 4/1/2019 4:03:17 AM

