

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031819\
 Data File : VL033379.D
 Acq On : 19 Mar 2019 4:33
 Operator : SY/AP
 Sample : K1805-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ST-SS-1DL

Manual Integrations
 APPROVED

MMDadoda
 3/21/2019 12:15:48 PM

Quant Time: Mar 19 08:46:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 19 08:46:08 2019
 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	725162	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1579008	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	1575103	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1217291	10.43	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.66	45	7023m	0.396	ppbv	
15) Acetone	3.91	43	31495	0.279	ppbv	94
20) Methylene Chloride	4.41	84	9132m	0.248	ppbv	
26) Hexane	5.78	57	8871	0.121	ppbv #	38
38) Trichloroethene	7.95	130	9907m	0.185	ppbv	
52) Tetrachloroethene	11.37	164	1316339	22.360	ppbv	99

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

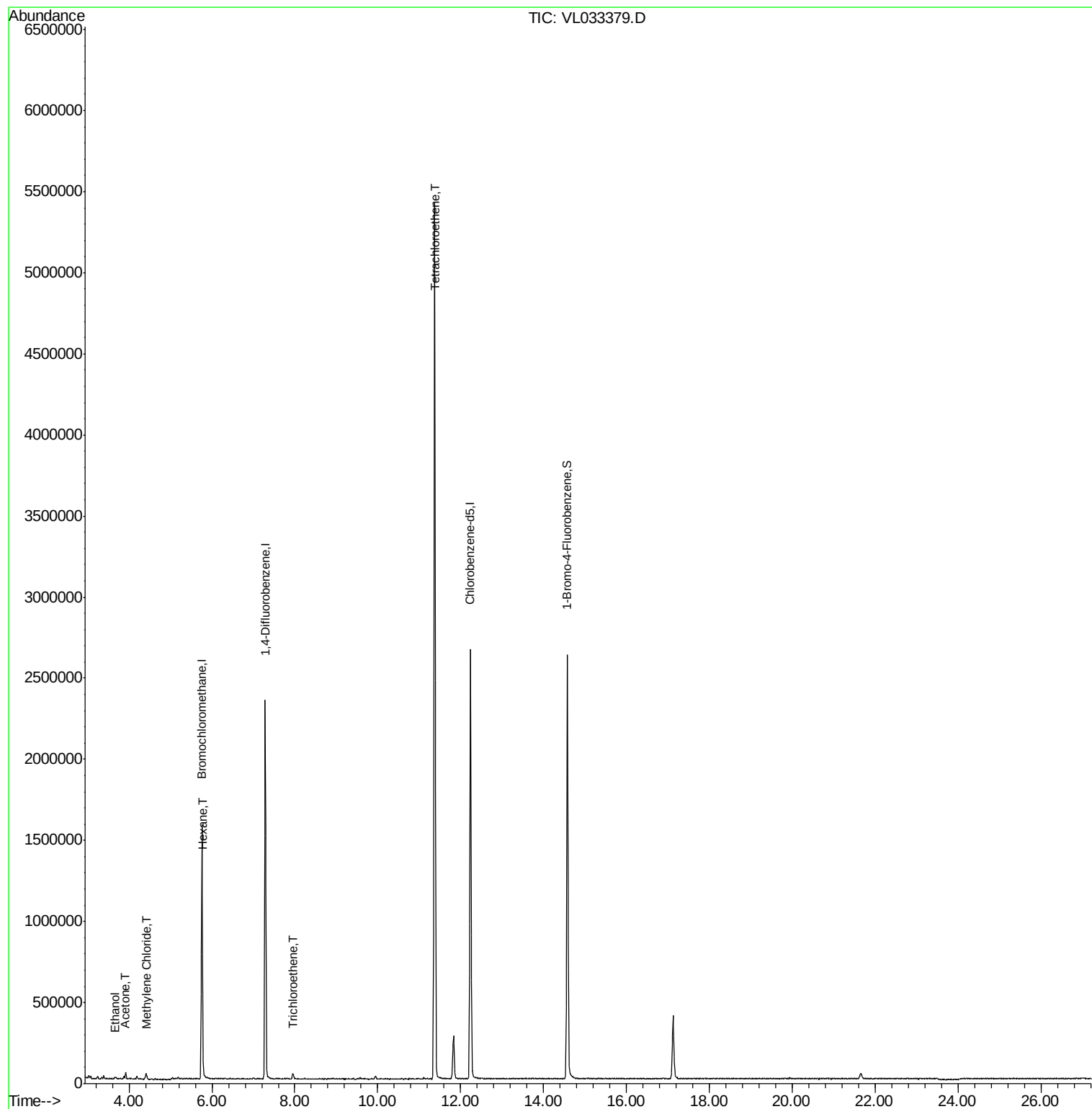
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031819\
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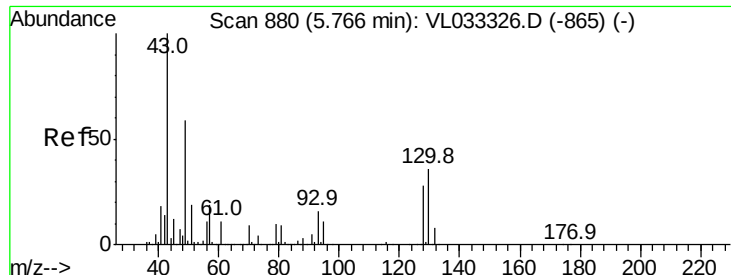
Instrument :
MSVOA_L
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033379.D

Acq: 19 Mar 2019 4:33

Instrument :

MSVOA_L

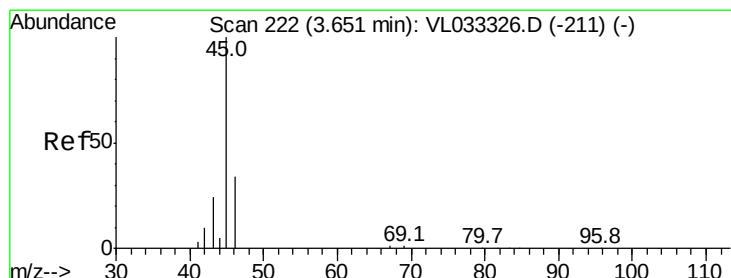
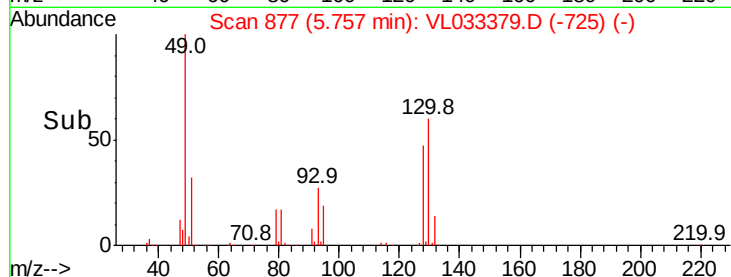
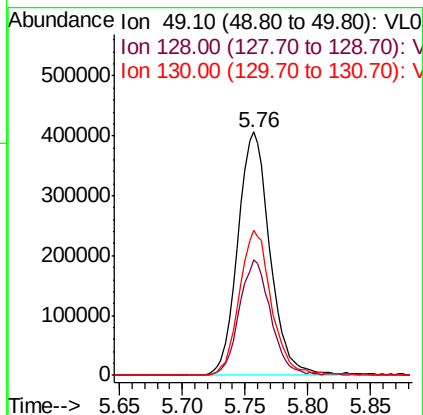
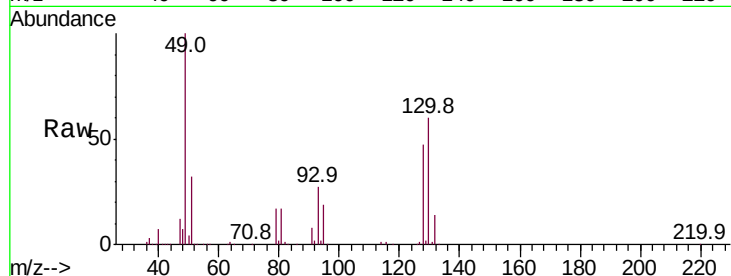
ClientSampled :

ST-SS-1DL

Tot Ion	Ratio	Lower	Upper
49	100		
128	47.0	23.5	70.6
130	60.2	30.1	90.3

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#13

Ethanol

Concen: 0.396 ppbv m

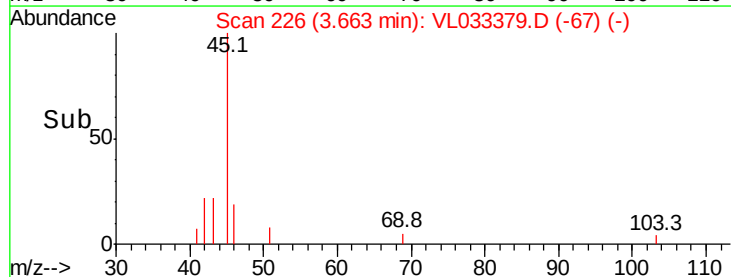
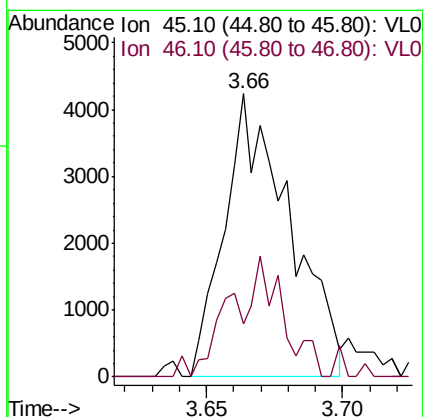
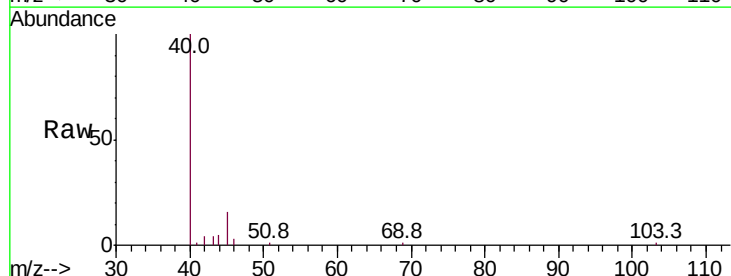
RT: 3.66 min Scan# 226

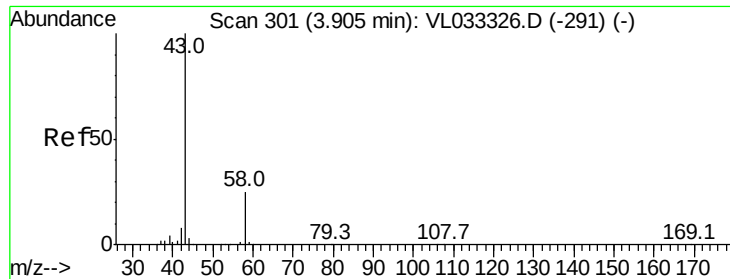
Delta R.T. 0.01 min

Lab File: VL033379.D

Acq: 19 Mar 2019 4:33

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





#15

Acetone

Concen: 0.279 ppbv

RT: 3.91 min Scan# 304

Delta R.T. 0.01 min

Lab File: VL033379.D

Acq: 19 Mar 2019 4:33

Tot Ion: 43 Resp: 31495

Ion Ratio Lower Upper

43 100

58 28.4 20.4 30.6

Instrument :

MSVOA_L

ClientSampleId :

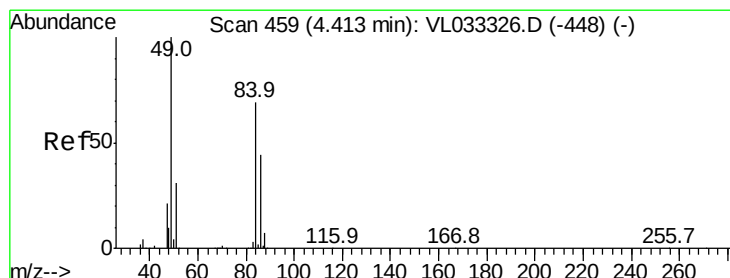
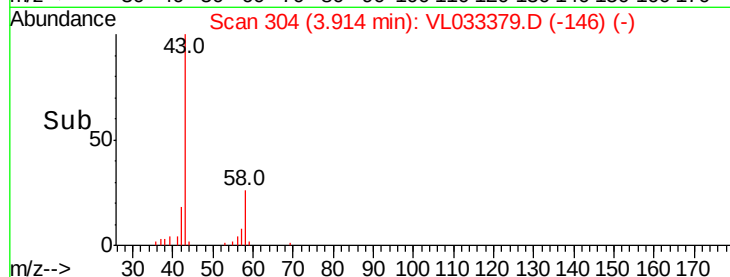
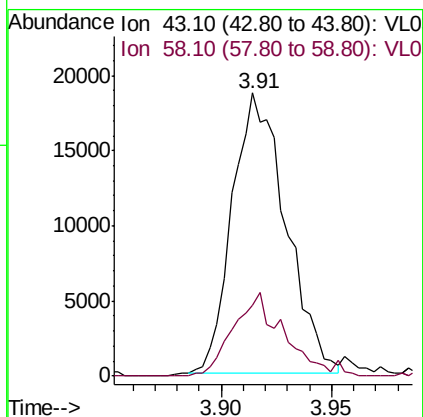
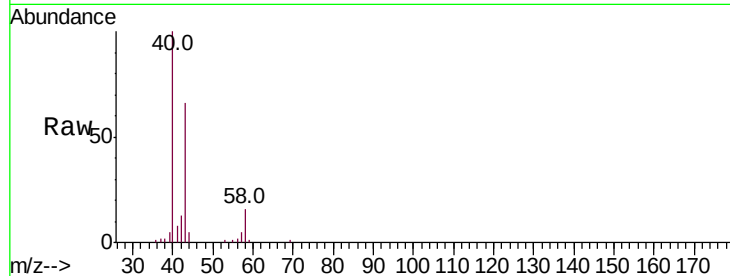
ST-SS-1DL

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#20

Methylene Chloride

Concen: 0.248 ppbv m

RT: 4.41 min Scan# 457

Delta R.T. -0.01 min

Lab File: VL033379.D

Acq: 19 Mar 2019 4:33

Tgt Ion: 84 Resp: 9132

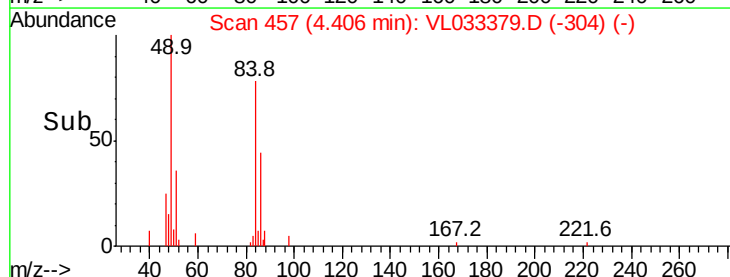
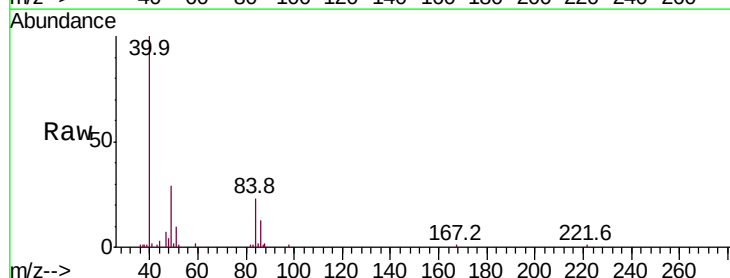
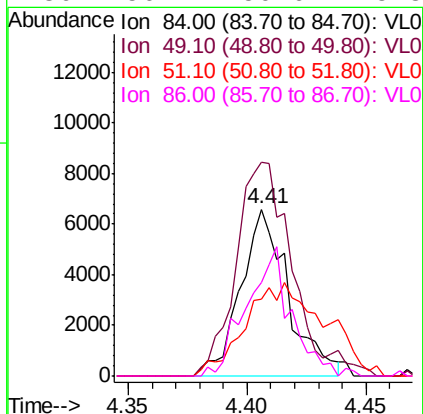
Ion Ratio Lower Upper

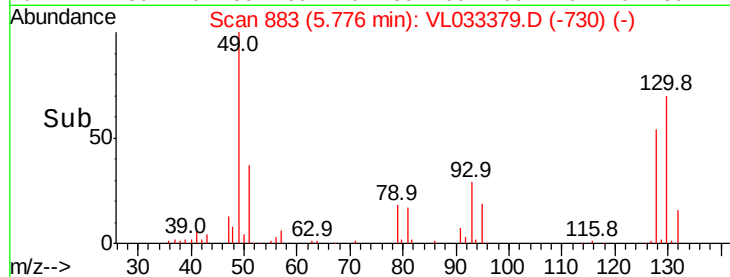
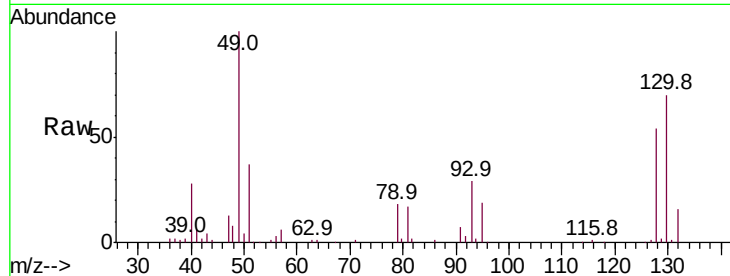
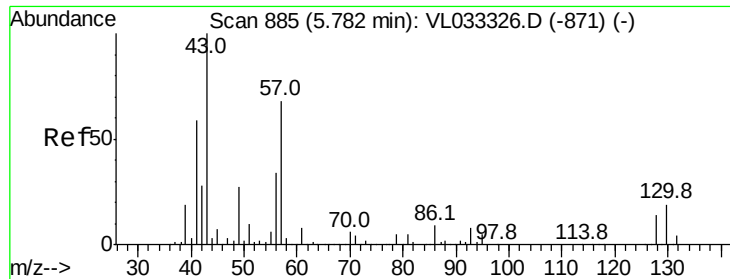
84 100

49 127.9 115.4 173.0

51 46.1 35.8 53.6

86 56.2 50.6 75.8





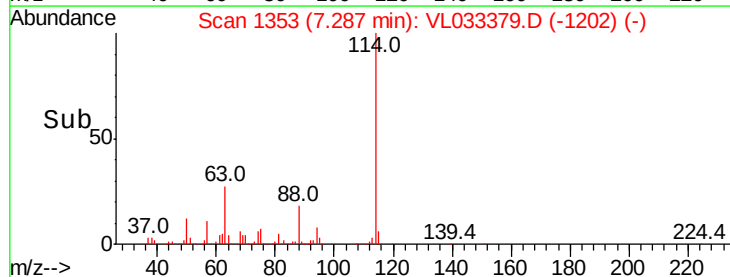
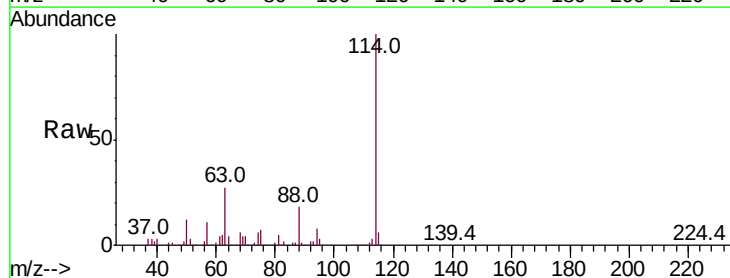
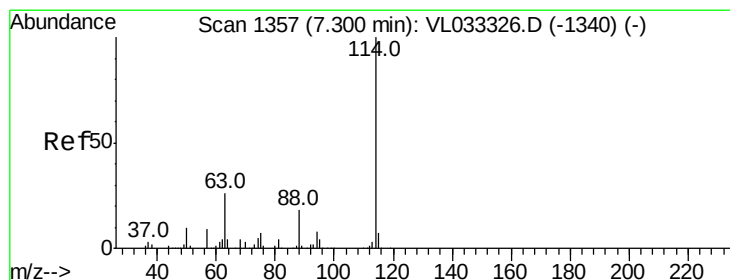
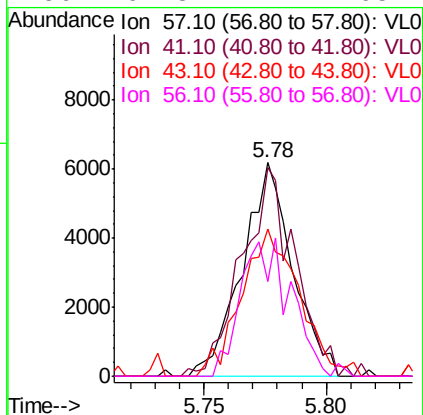
#26
Hexane
Concen: 0.121 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.01 min
Lab File: VL033379.D
Acq: 19 Mar 2019 4:33

Instrument :
MSVOA_L
ClientSampled :
ST-SS-1DL

Tot Ion: 57 Resp: 8871
Ion Ratio Lower Upper
57 100
41 103.6 70.5 105.7
43 79.3 181.8 272.8#
56 64.3 42.2 63.2#

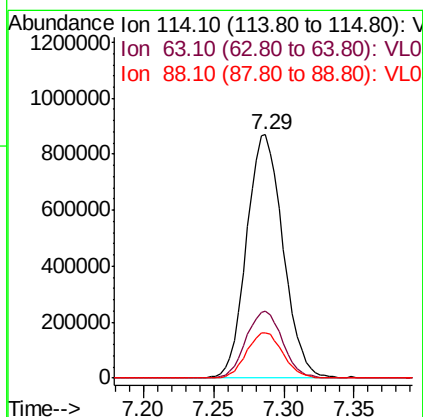
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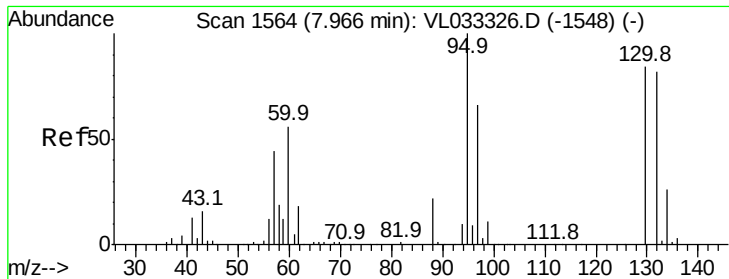
MMDadoda
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033379.D
Acq: 19 Mar 2019 4:33

Tgt Ion:114 Resp: 1579008
Ion Ratio Lower Upper
114 100
63 27.6 21.4 32.2
88 18.6 14.5 21.7





#38

Trichloroethene

Concen: 0.185 ppbv m

RT: 7.95 min Scan# 1560

Delta R.T. -0.01 min

Lab File: VL033379.D

Acq: 19 Mar 2019 4:33

Instrument :

MSVOA_L

ClientSampleId :

ST-SS-1DL

Tot Ion:130 Resp: 9907

Ion Ratio Lower Upper

130 100

95 120.8 95.2 142.8

132 108.1 77.7 116.5

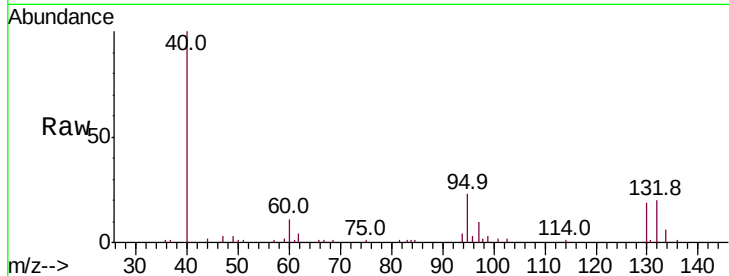
97 52.0 62.8 94.2#

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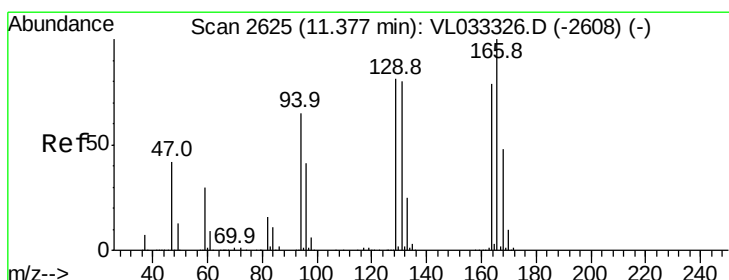
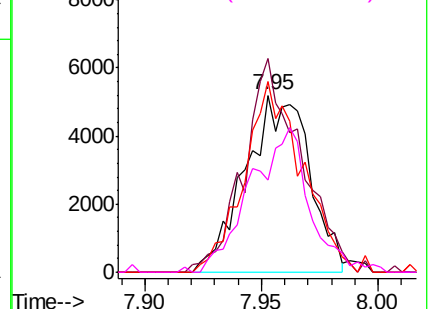
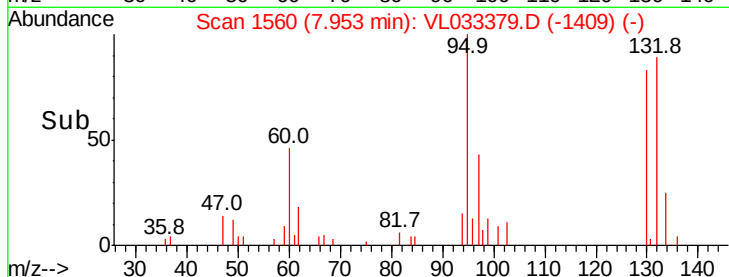


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#52

Tetrachloroethene

Concen: 22.360 ppbv

RT: 11.37 min Scan# 2624

Delta R.T. -0.00 min

Lab File: VL033379.D

Acq: 19 Mar 2019 4:33

Tgt Ion:164 Resp: 1316339

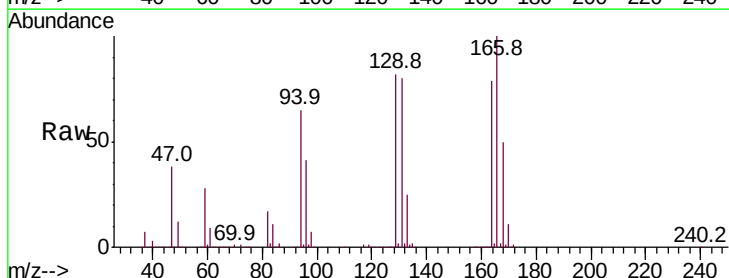
Ion Ratio Lower Upper

164 100

166 127.1 101.5 152.3

129 104.1 82.2 123.2

131 101.7 81.1 121.7

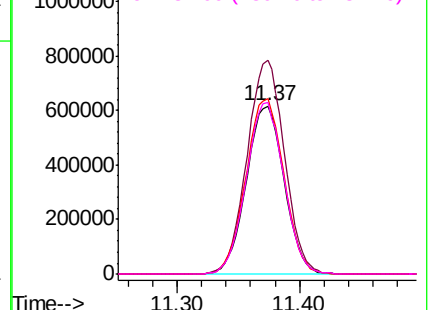
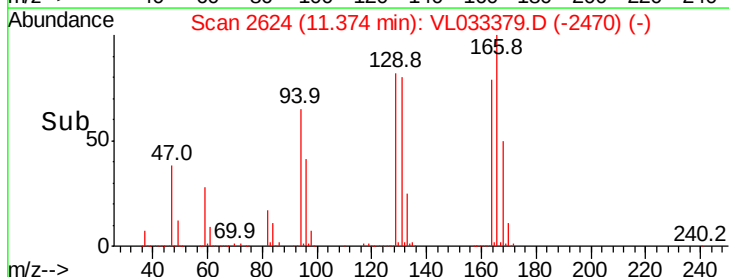


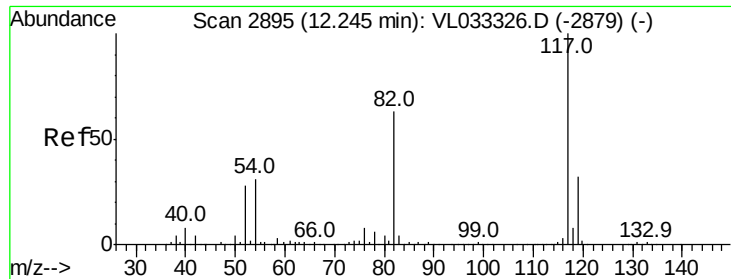
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V





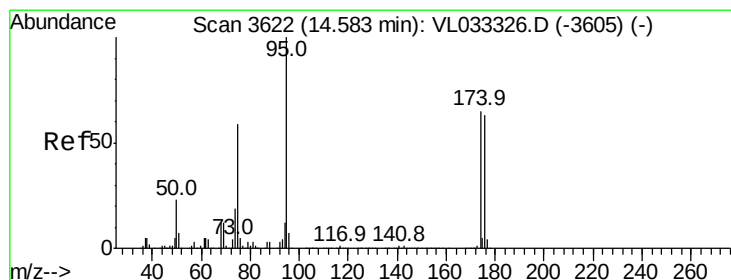
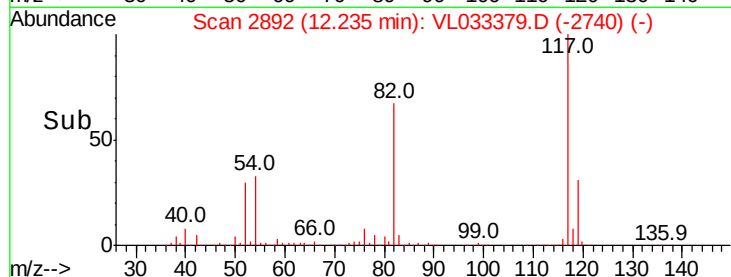
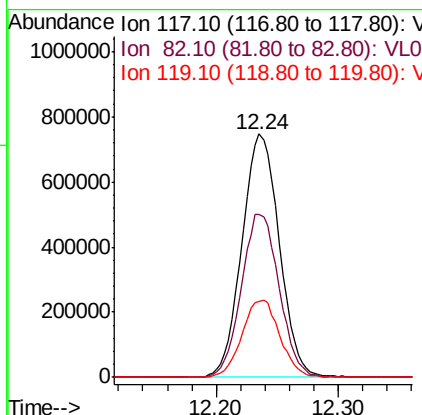
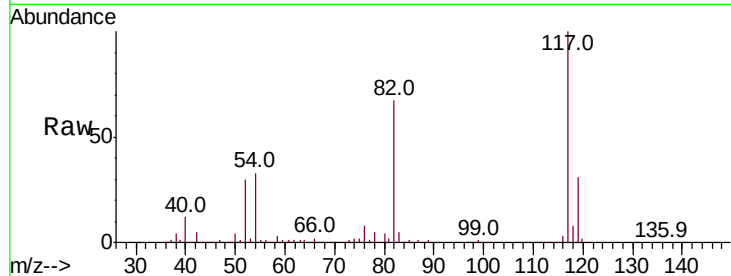
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033379.D
Acq: 19 Mar 2019 4:33

Instrument :
MSVOA_L
ClientSampleId :
ST-SS-1DL

Tot Ion:117 Resp: 1575103
Ion Ratio Lower Upper
117 100
82 68.2 53.4 80.2
119 32.1 27.3 40.9

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.430 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033379.D
Acq: 19 Mar 2019 4:33

Tgt Ion: 95 Resp: 1217291
Ion Ratio Lower Upper
95 100
174 64.2 51.5 77.3
175 4.5 3.8 5.6

