

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031519\
 Data File : VL033355.D
 Acq On : 16 Mar 2019 7:04
 Operator : SY/AP
 Sample : K1805-01DL2 400X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ST-SS-2DL2

Manual Integrations
 APPROVED

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 3/19/2019 10:01:54 AM

Quant Time: Mar 18 07:57:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 18 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	705815	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1554102	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1765284	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1339418	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%
Target Compounds						Ovalue
31) cis-1,2-Dichloroethene	5.64	61	19516m	0.274	ppbv	
38) Trichloroethene	7.96	130	49060m	0.932	ppbv	
52) Tetrachloroethene	11.38	164	593340	10.240	ppbv	99

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

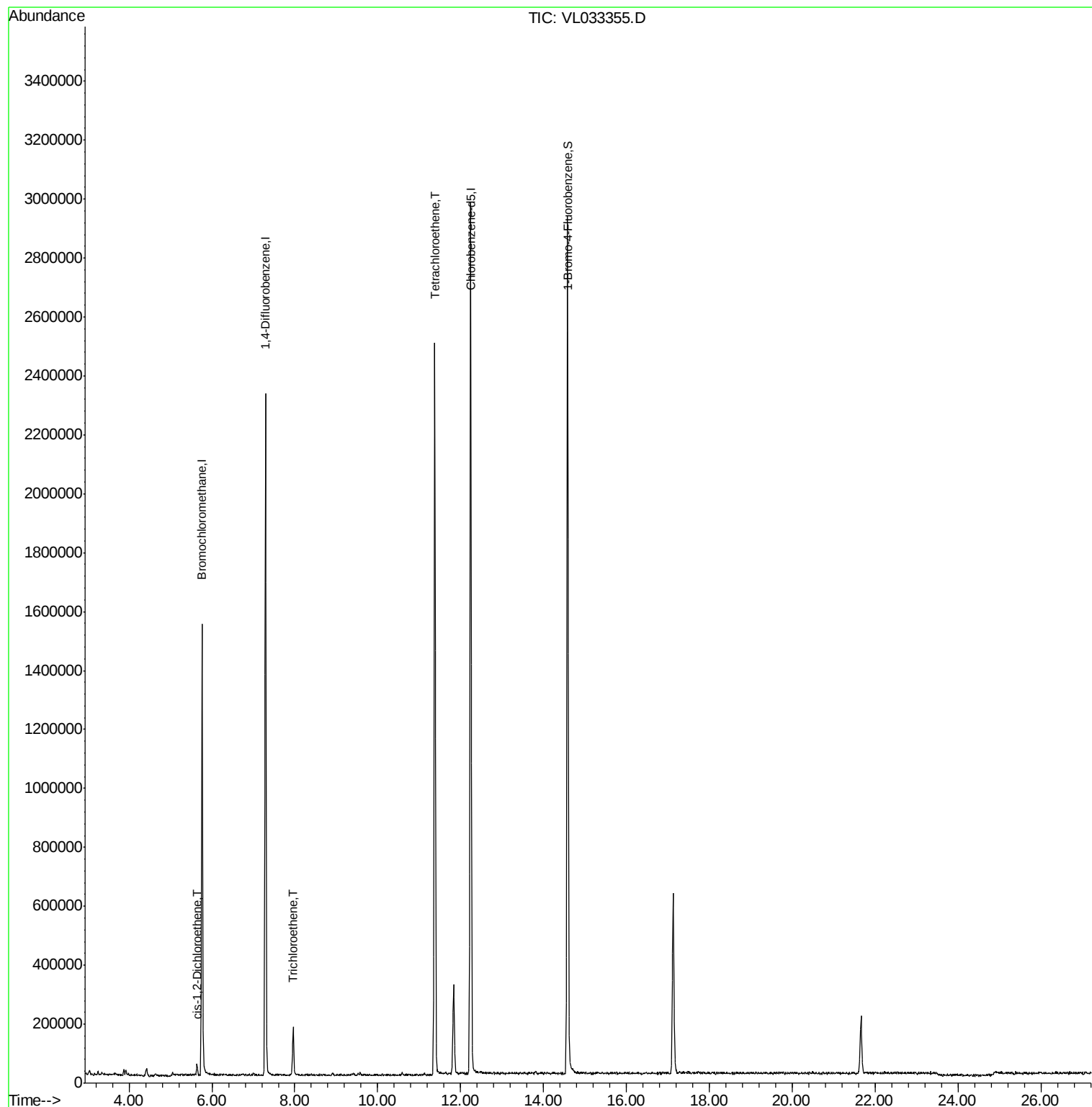
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031519\
Data File : VL033355.D
Acq On : 16 Mar 2019 7:04
Operator : SY/AP
Sample : K1805-01DL2 400X
Misc : 400ml/MSVOA L
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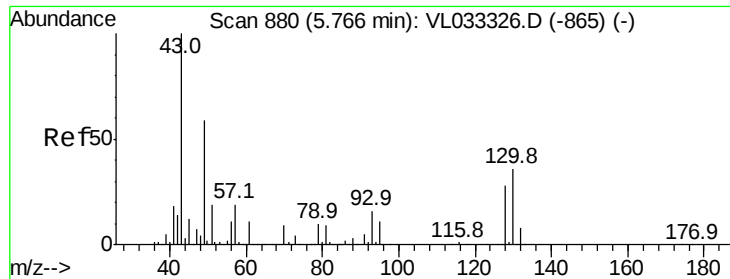
Instrument :
MSVOA_L
ClientSampleId :
ST-SS-2DL2

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Quant Time: Mar 18 07:57:28 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# 878

Delta R.T. -0.01 min

Lab File: VL033355.D

Acq: 16 Mar 2019 7:04

Instrument :

MSVOA_L

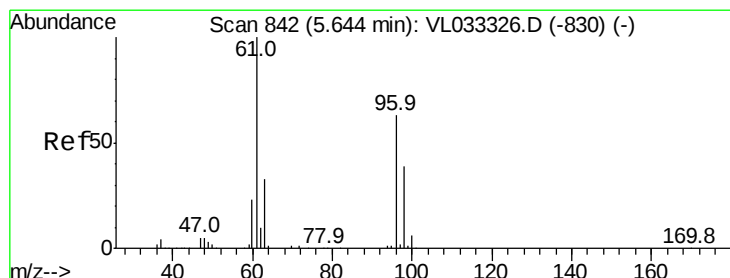
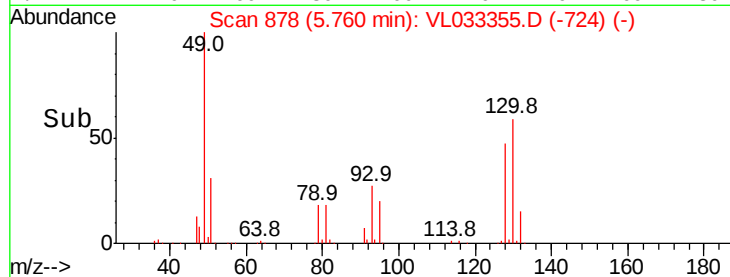
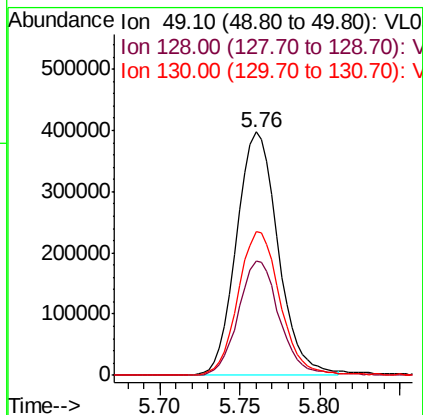
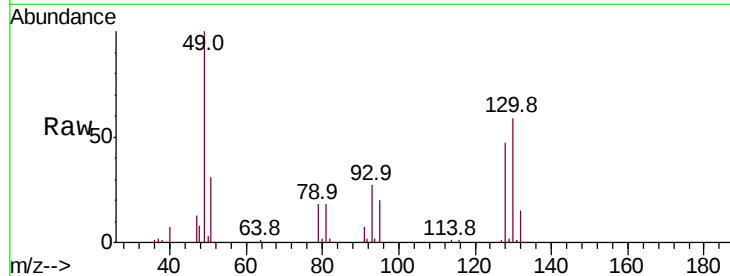
ClientSampled :

ST-SS-2DL2

Tot Ion:	49	Resp:	705815
Ion	Ratio	Lower	Upper
49	100		
128	46.7	23.5	70.6
130	60.2	30.1	90.3

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#31

cis-1,2-Dichloroethene

Concen: 0.274 ppbv m

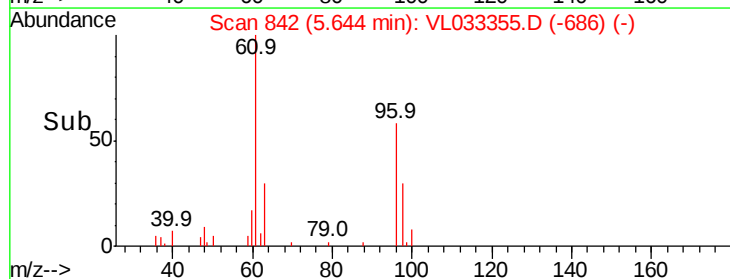
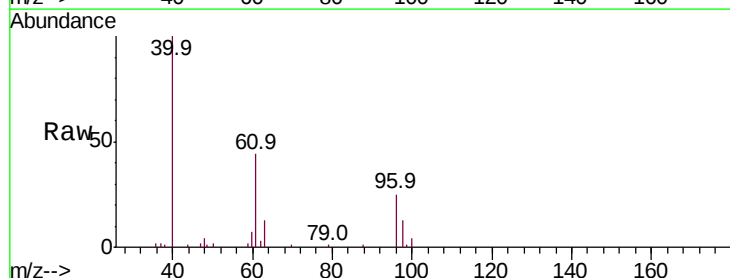
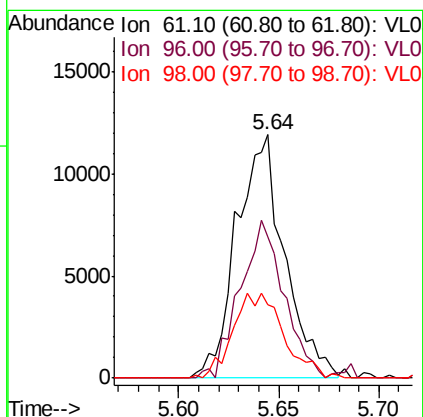
RT: 5.64 min Scan# 842

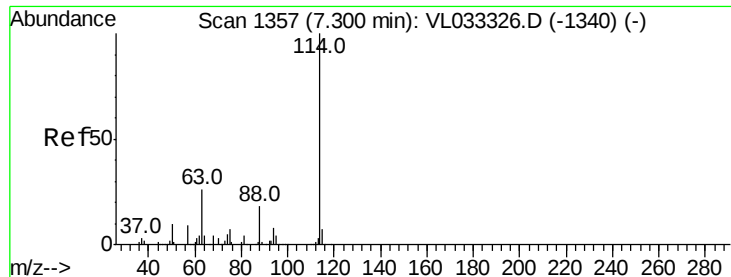
Delta R.T. 0.00 min

Lab File: VL033355.D

Acq: 16 Mar 2019 7:04

Tgt Ion:	61	Resp:	19516
Ion	Ratio	Lower	Upper
61	100		
96	58.2	50.3	75.5
98	30.1	31.5	47.3#





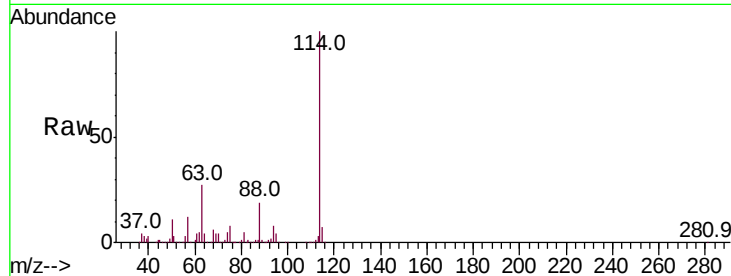
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL033355.D
Acq: 16 Mar 2019 7:04

Instrument :
MSVOA_L
ClientSampleId :
ST-SS-2DL2

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.6	21.4	32.2
88	18.8	14.5	21.7

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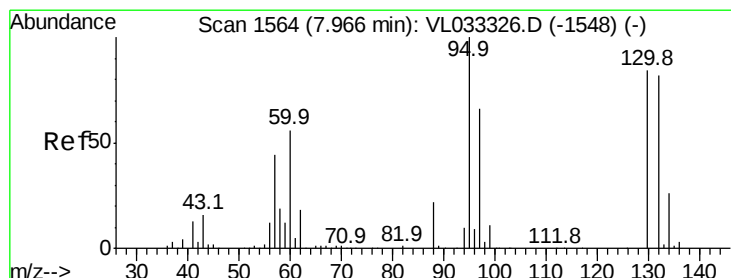
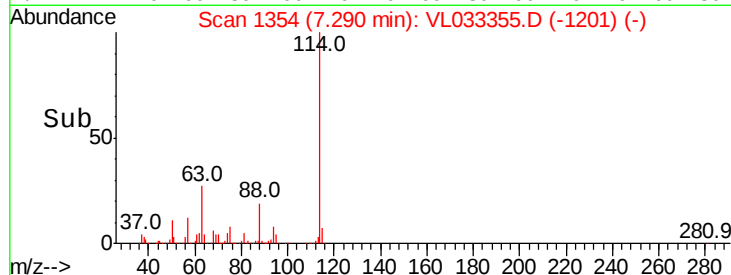
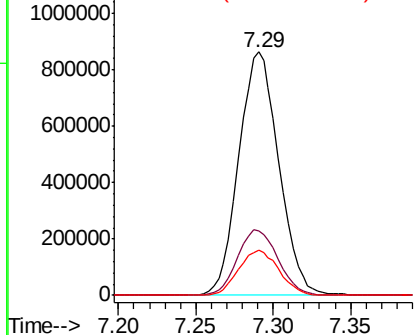


Abundance

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



#38
Trichloroethene
Concen: 0.932 ppbv m
RT: 7.96 min Scan# 1561
Delta R.T. -0.01 min
Lab File: VL033355.D
Acq: 16 Mar 2019 7:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	109.5	95.2	142.8
132	94.2	77.7	116.5
97	64.8	62.8	94.2

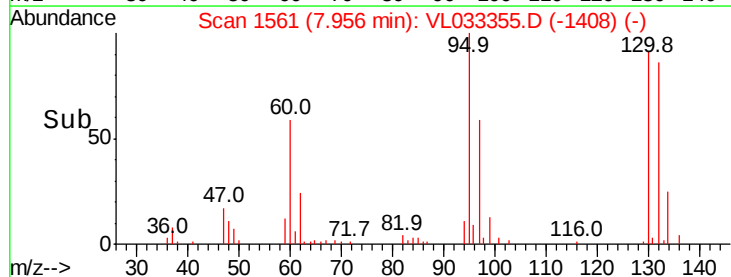
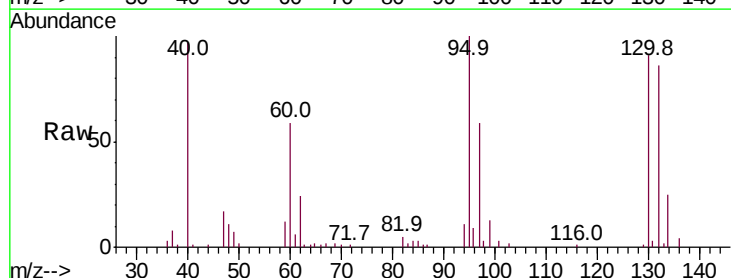
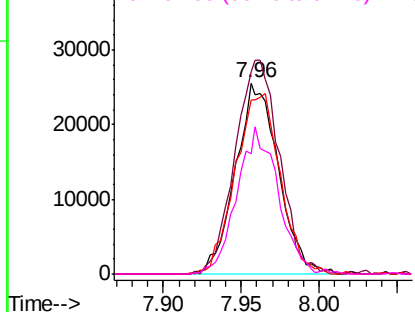
Abundance

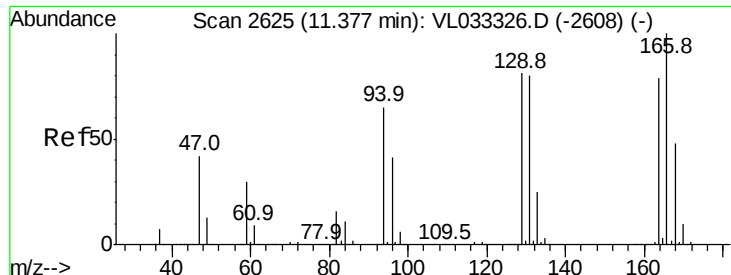
Ion 130.00 (129.70 to 130.70): V

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





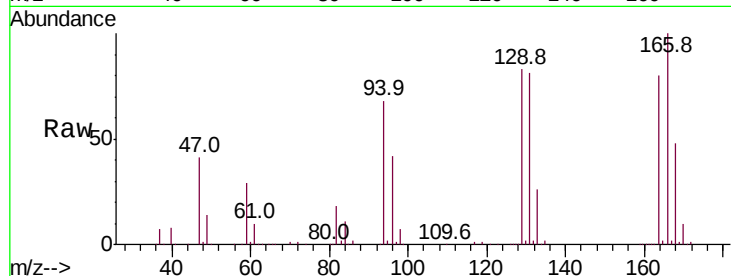
#52
Tetrachloroethene
Concen: 10.240 ppbv
RT: 11.38 min Scan# 2625
Delta R.T. 0.00 min
Lab File: VL033355.D
Acq: 16 Mar 2019 7:04

Instrument :
MSVOA_L
ClientSampleId :
ST-SS-2DL2

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.6	101.5	152.3
129	104.1	82.2	123.2
131	102.2	81.1	121.7

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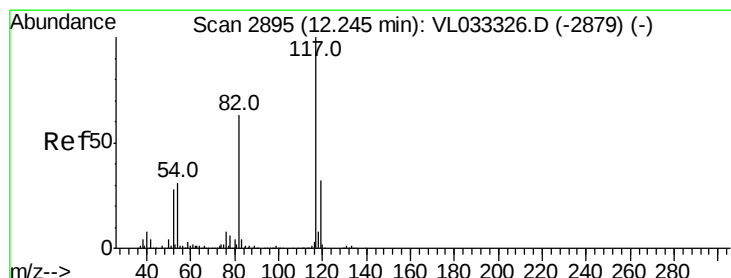
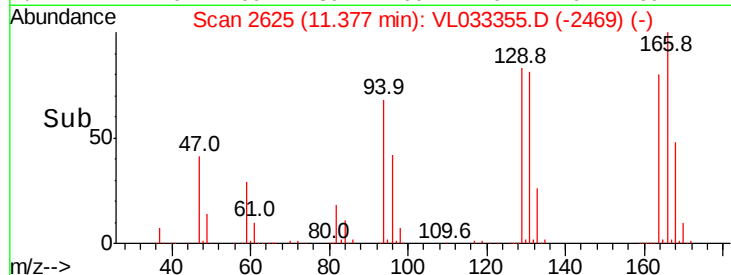
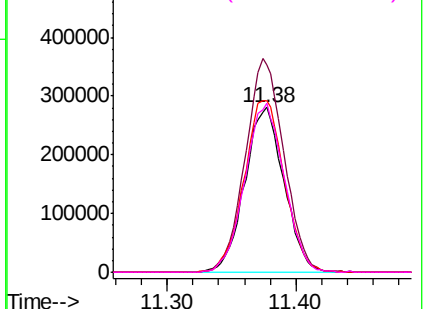
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

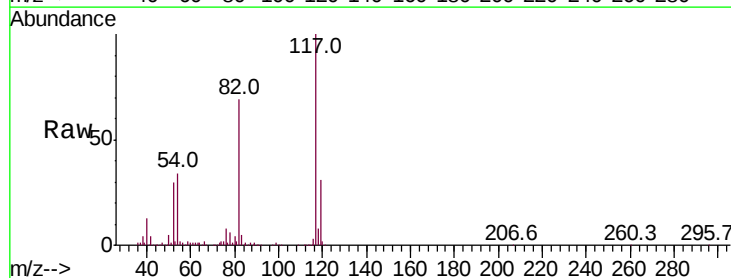
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033355.D
Acq: 16 Mar 2019 7:04

Tgt Ion	Ratio	Lower	Upper
117	100		
82	68.2	53.4	80.2
119	32.1	27.3	40.9

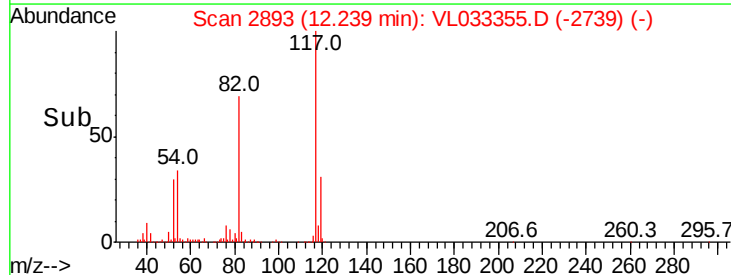
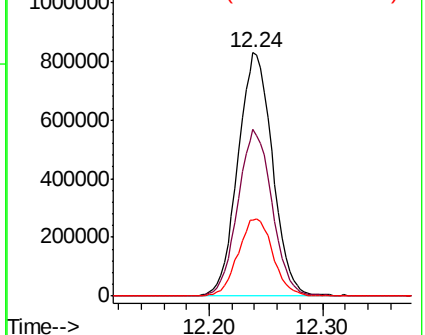


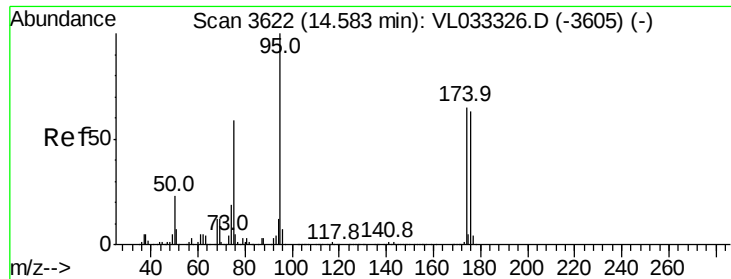
Abundance

Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.240 ppbv
 RT: 14.58 min Scan# 3620
 Delta R.T. -0.01 min
 Lab File: VL033355.D
 Acq: 16 Mar 2019 7:04

Instrument :
 MSVOA_L
 ClientSampleId :
 ST-SS-2DL2

Tot Ion: 95 Resp: 1339418
 Ion Ratio Lower Upper
 95 100
 174 63.9 51.5 77.3
 175 4.5 3.8 5.6

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