

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051420\
 Data File : VL035027.D
 Acq On : 14 May 2020 19:39
 Operator : SY/AP
 Sample : L2566-06DL 120X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3DL

Manual Integrations
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Quant Time: May 18 09:19:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1204263	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	2889084	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2754947	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2348554	10.53	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.58	45	23062m	1.171	ppbv	
15) Acetone	3.82	43	354443	2.226	ppbv	98
19) Isopropyl Alcohol	3.94	45	116764	1.100	ppbv #	94
29) Chloroform	5.73	83	72015	0.380	ppbv	87
31) cis-1,2-Dichloroethene	5.53	61	32002m	0.283	ppbv	
38) Trichloroethene	7.83	130	115362	1.250	ppbv	97
52) Tetrachloroethene	11.24	164	279116m	3.295	ppbv	
53) Toluene	9.82	91	45636m	0.181	ppbv	
59) m/p-Xylene	12.99	91	164147m	0.548	ppbv	
60) o-Xylene	13.71	91	55067m	0.186	ppbv	

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

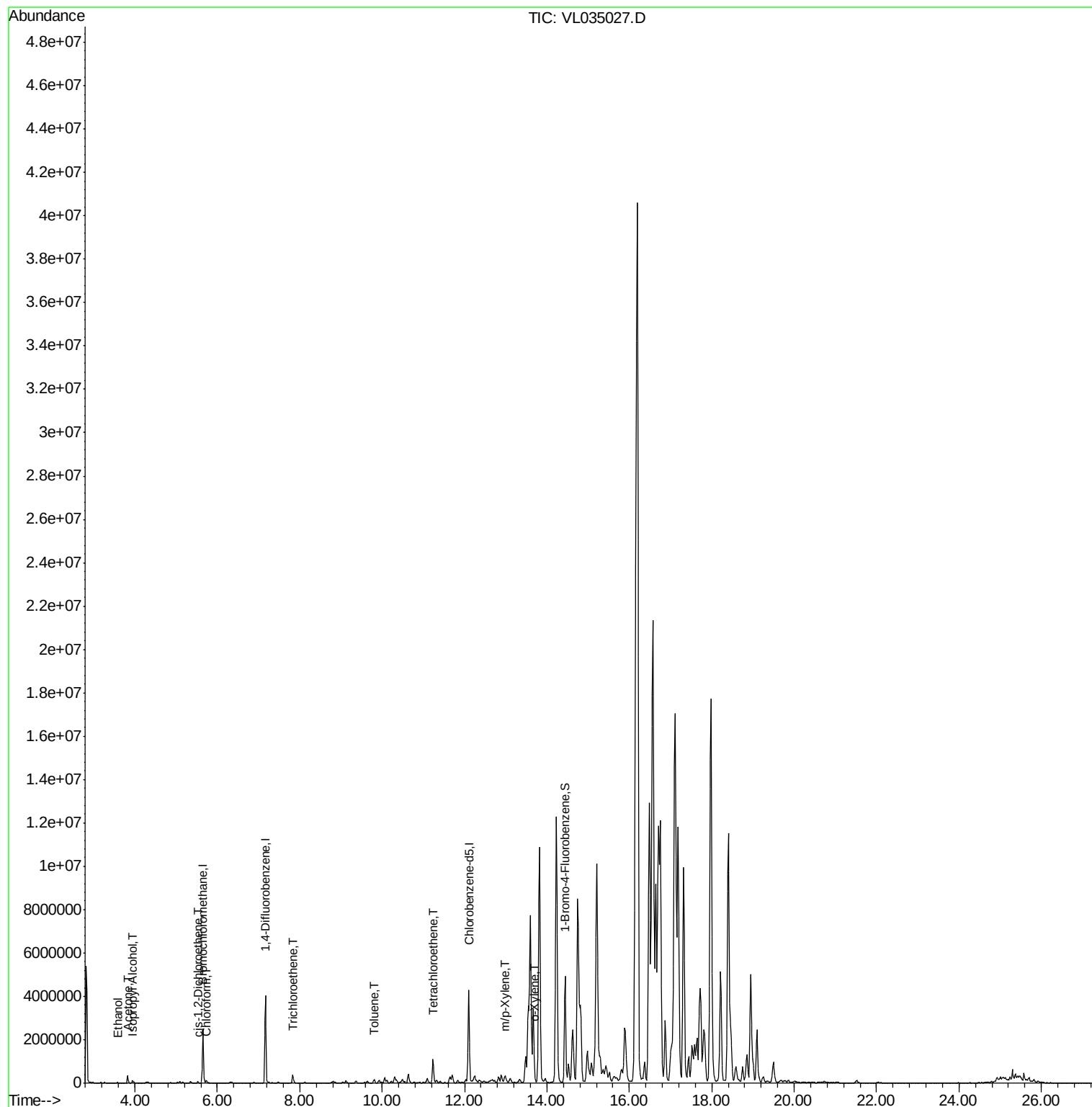
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051420\
Data File : VL035027.D
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Operator : SY/AP
Sample : L2566-06DL 120X
Misc : 400ml/MSVOA L
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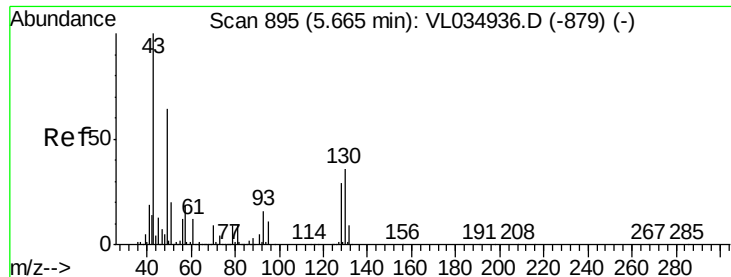
Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

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Quant Time: May 18 09:19:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.02 min

Lab File: VL035027.D

Acq: 14 May 2020 19:39

Instrument :

MSVOA_L

ClientSampled :

SG-3DL

Tot Ion: 49 Resp: 1204263

Ion Ratio Lower Upper

49 100

128 47.0 22.1 66.5

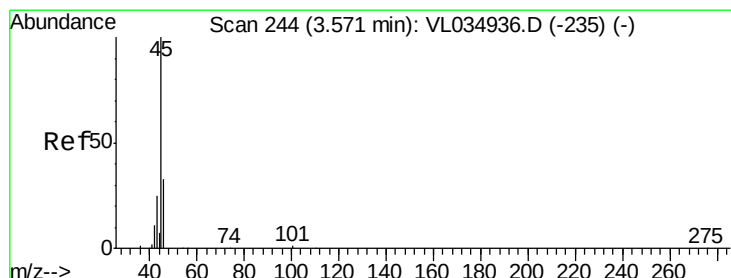
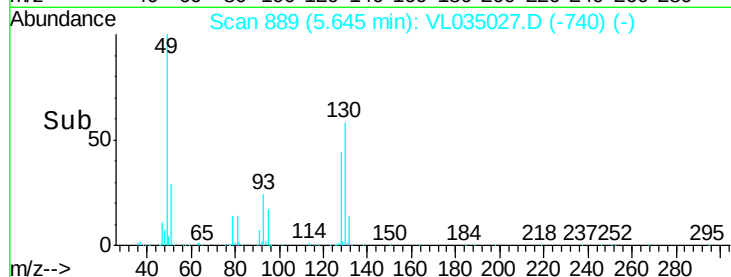
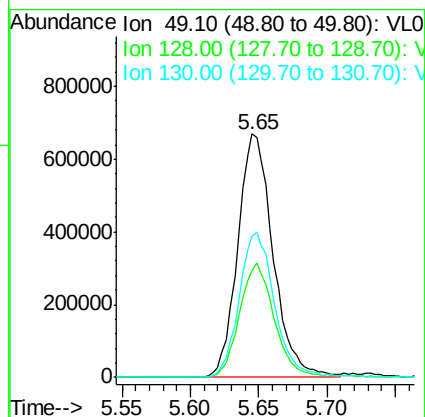
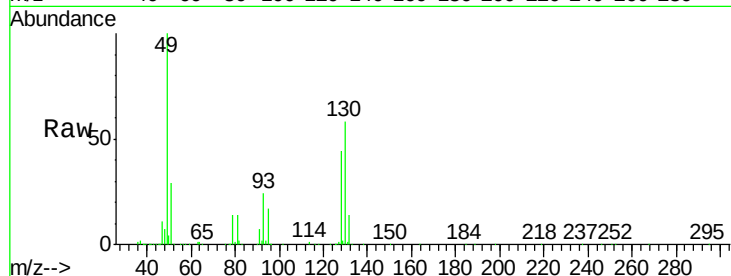
130 60.4 29.1 87.3

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#13

Ethanol

Concen: 1.171 ppbv m

RT: 3.58 min Scan# 246

Delta R.T. 0.01 min

Lab File: VL035027.D

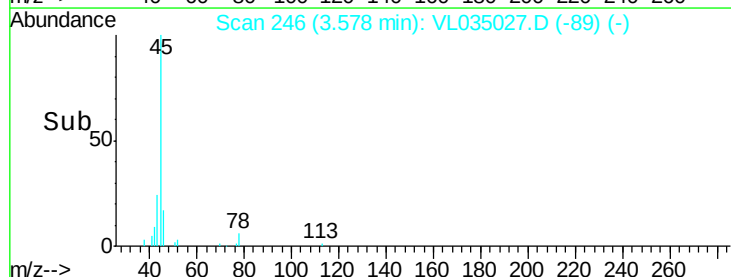
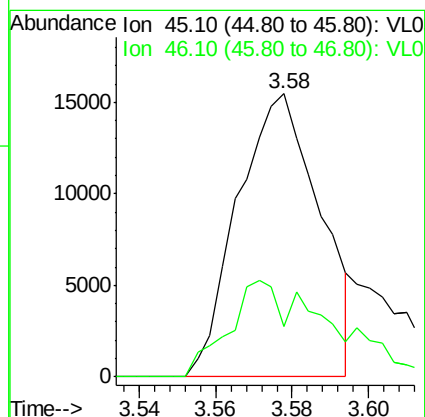
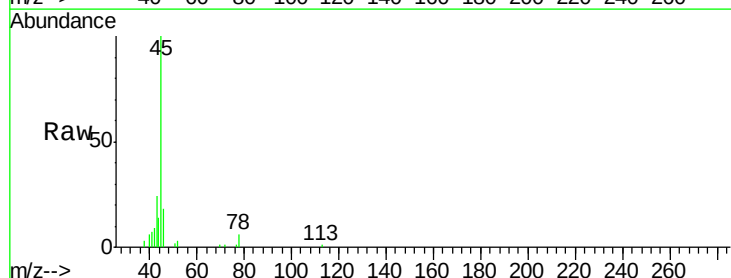
Acq: 14 May 2020 19:39

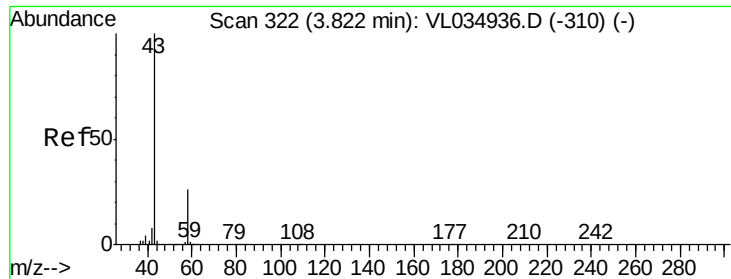
Tgt Ion: 45 Resp: 23062

Ion Ratio Lower Upper

45 100

46 44.9 14.3 57.3





#15

Acetone

Concen: 2.226 ppbv

RT: 3.82 min Scan# 322

Delta R.T. -0.00 min

Lab File: VL035027.D

Acq: 14 May 2020 19:39

Instrument :

MSVOA_L

ClientSampled :

SG-3DL

Tot Ion: 43 Resp: 354443

Ion Ratio Lower Upper

43 100

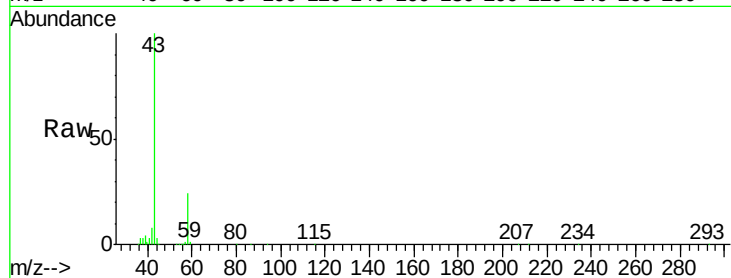
58 28.2 21.7 32.5

Manual Integrations

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.82

250000

200000

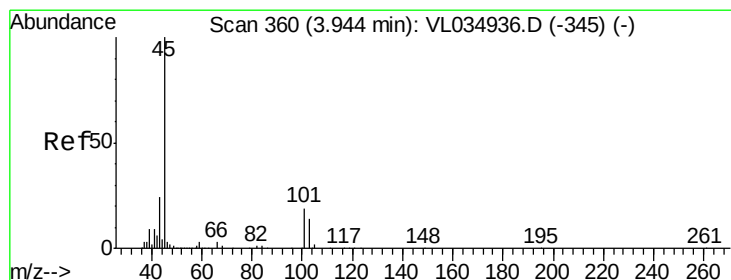
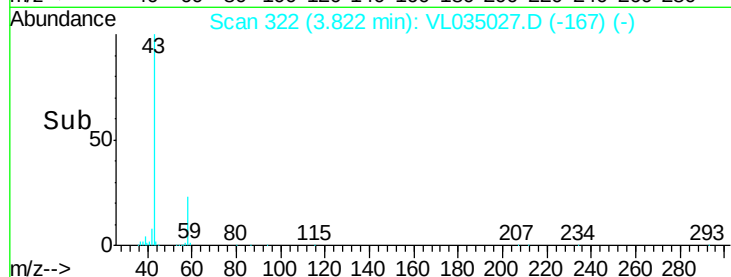
150000

100000

50000

0

Time-->



#19

Isopropyl Alcohol

Concen: 1.100 ppbv

RT: 3.94 min Scan# 360

Delta R.T. -0.00 min

Lab File: VL035027.D

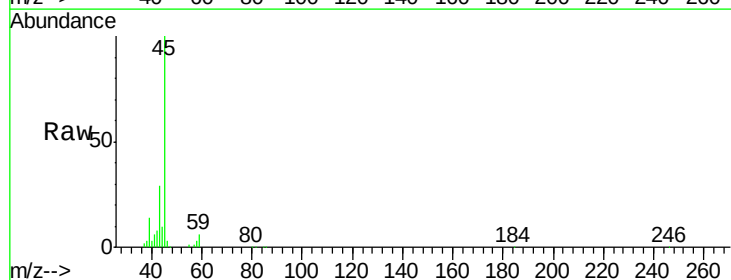
Acq: 14 May 2020 19:39

Tgt Ion: 45 Resp: 116764

Ion Ratio Lower Upper

45 100

58 4.4 1.7 2.5#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.94

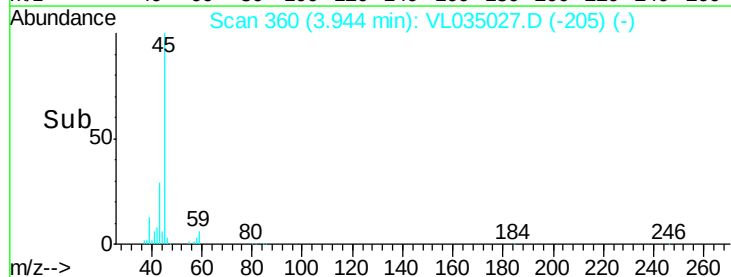
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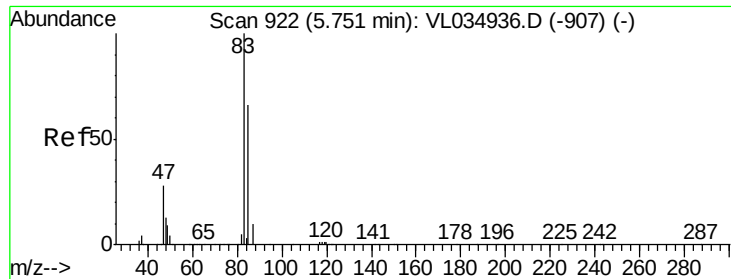
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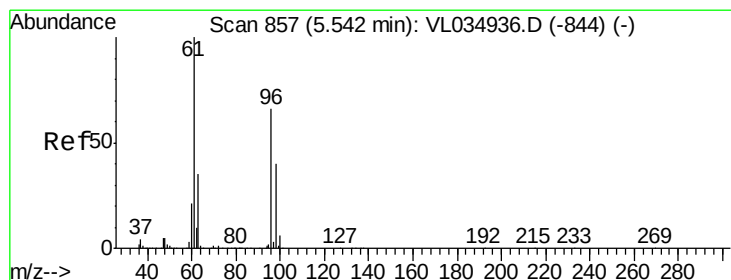
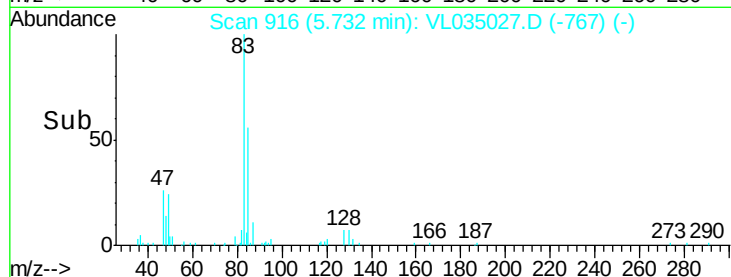
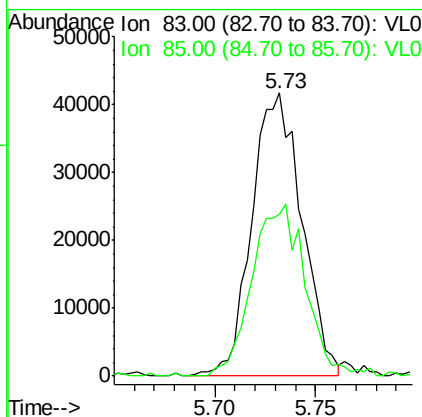
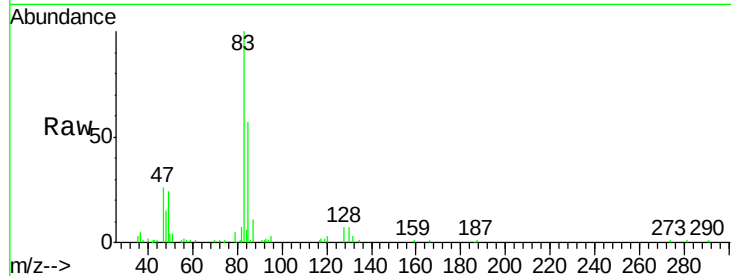
#29
Chloroform
Concen: 0.380 ppbv
RT: 5.73 min Scan# 916
Delta R.T. -0.02 min
Lab File: VL035027.D
Acq: 14 May 2020 19:39

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tot Ion	Ratio	Lower	Upper
83	100		
85	56.3	53.0	79.6

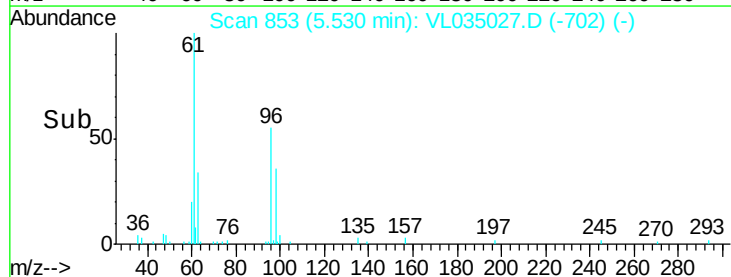
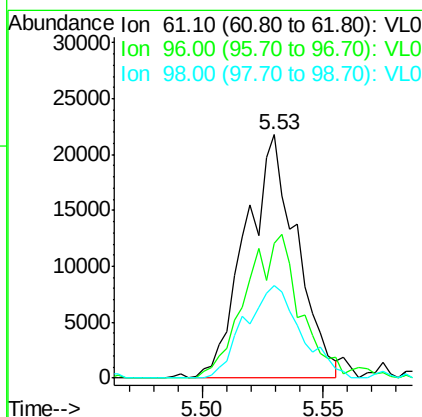
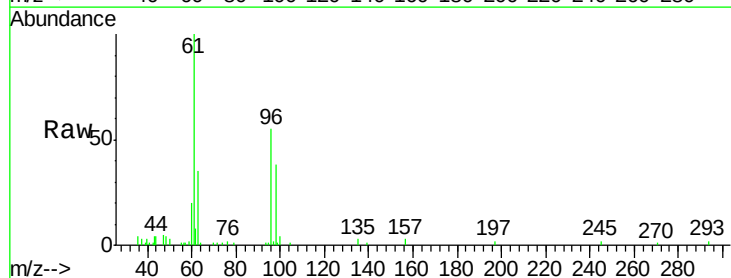
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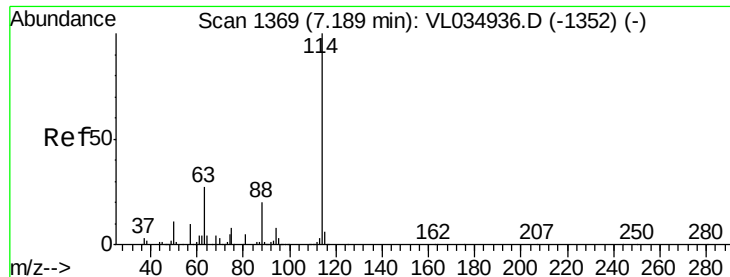
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#31
cis-1,2-Dichloroethene
Concen: 0.283 ppbv m
RT: 5.53 min Scan# 853
Delta R.T. -0.01 min
Lab File: VL035027.D
Acq: 14 May 2020 19:39

Tgt Ion	Ratio	Lower	Upper
61	100		
96	55.4	53.0	79.6
98	37.9	32.2	48.2





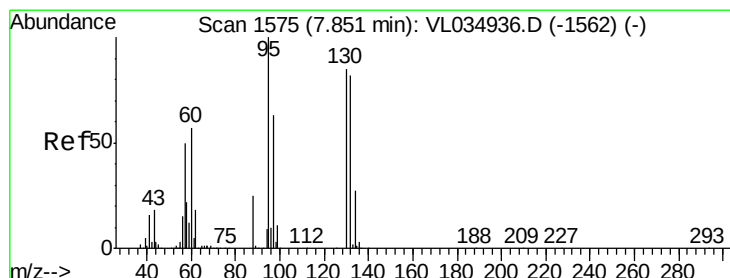
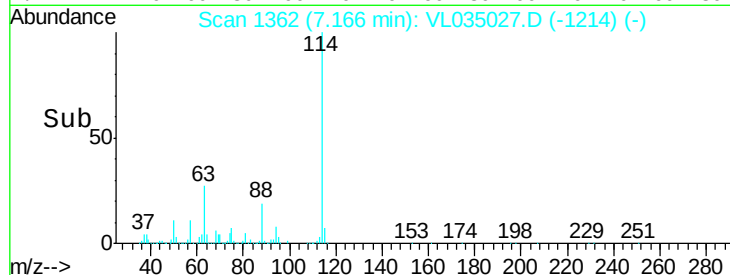
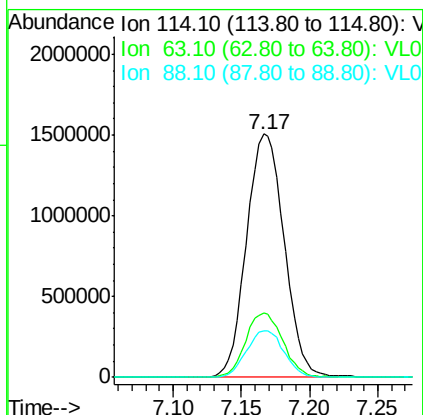
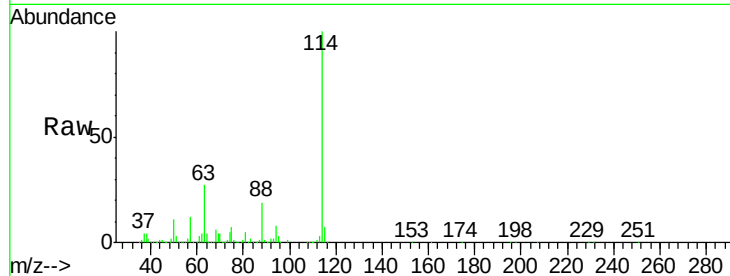
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: VL035027.D
 Acq: 14 May 2020 19:39

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	26.3	22.2	33.4
88	19.3	15.5	23.3

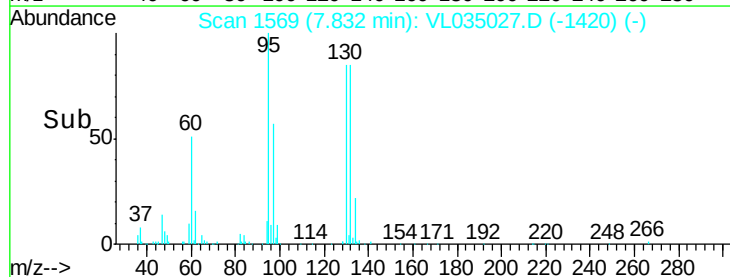
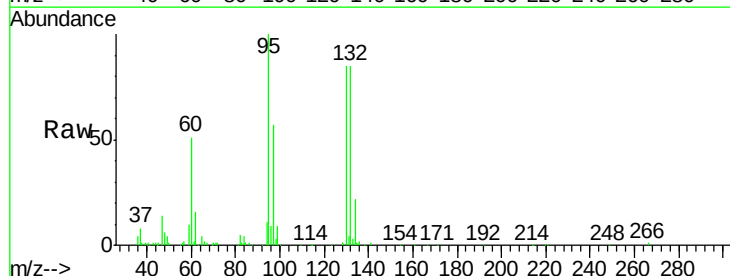
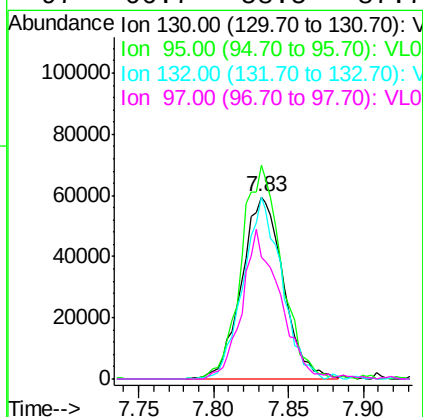
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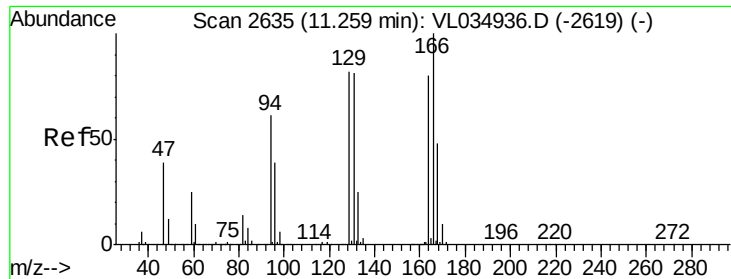
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#38
 Trichloroethene
 Concen: 1.250 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: VL035027.D
 Acq: 14 May 2020 19:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	116.8	93.4	140.0
132	99.1	76.4	114.6
97	66.7	58.5	87.7





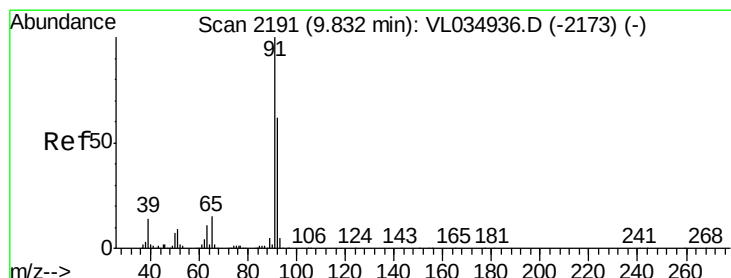
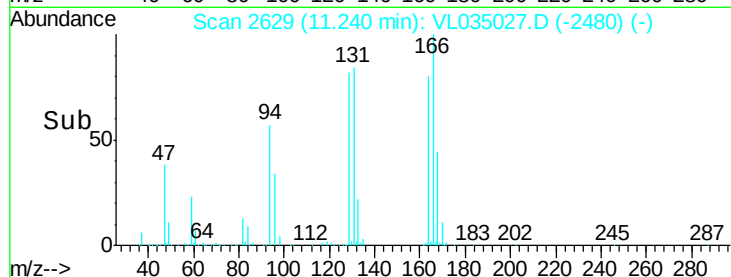
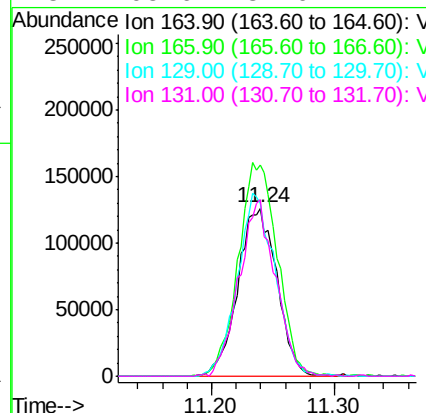
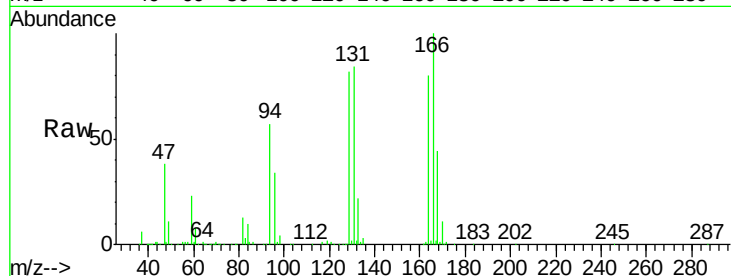
#52
Tetrachloroethene
Concen: 3.295 ppbv m
RT: 11.24 min Scan# 2629
Delta R.T. -0.02 min
Lab File: VL035027.D
Acq: 14 May 2020 19:39

Instrument :
MSVOA_L
ClientSampled :
SG-3DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.6	100.7	151.1
129	102.7	83.0	124.4
131	105.6	81.0	121.4

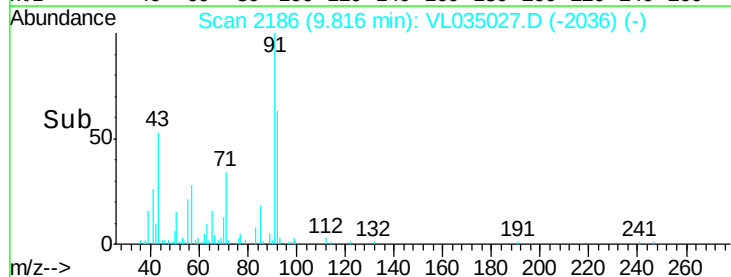
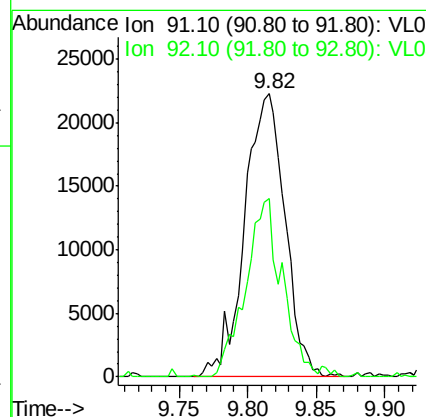
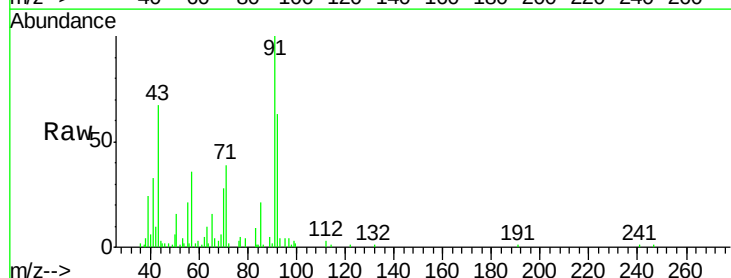
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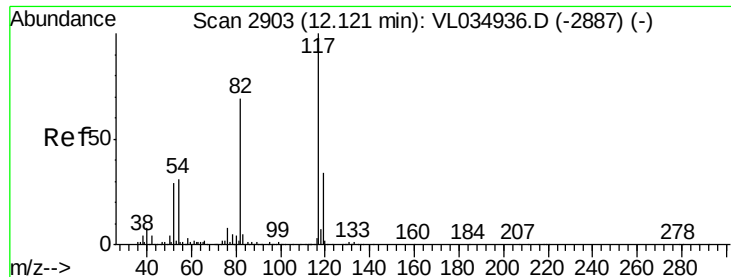
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#53
Toluene
Concen: 0.181 ppbv m
RT: 9.82 min Scan# 2186
Delta R.T. -0.02 min
Lab File: VL035027.D
Acq: 14 May 2020 19:39

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.6	48.6	73.0





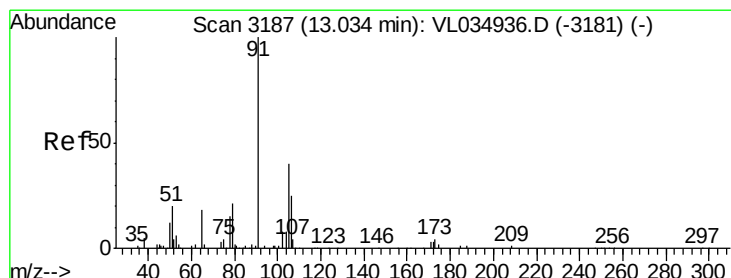
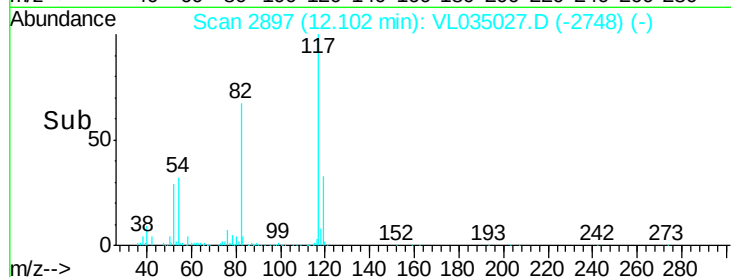
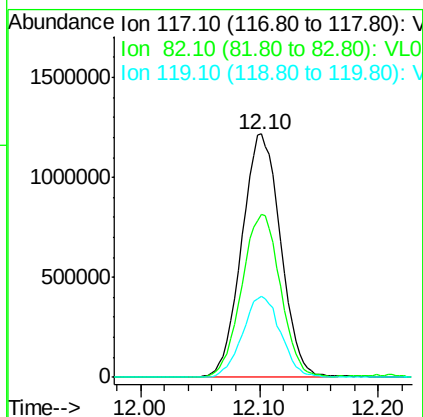
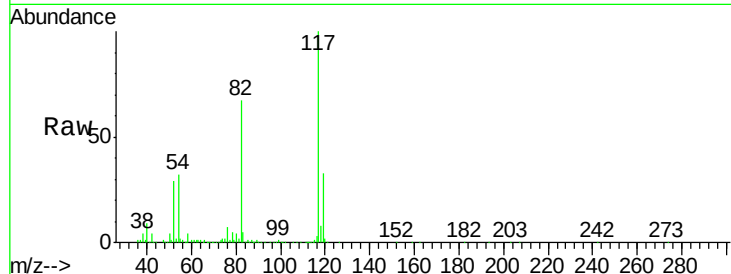
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.02 min
Lab File: VL035027.D
Acq: 14 May 2020 19:39

Instrument :
MSVOA_L
ClientSampled :
SG-3DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	66.8	53.1	79.7
119	32.8	26.7	40.1

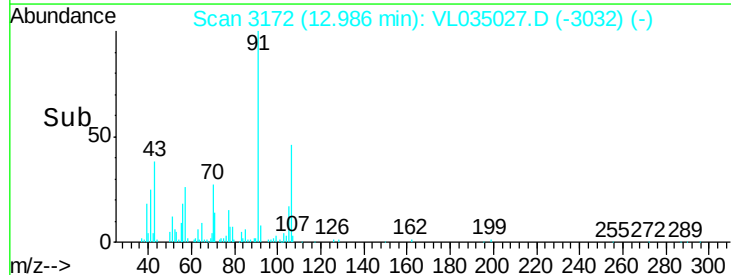
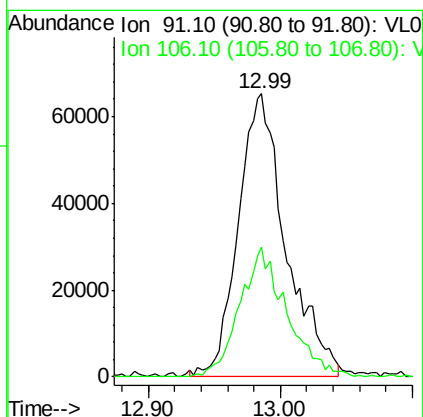
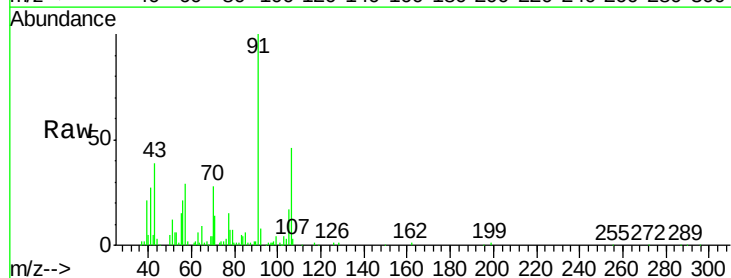
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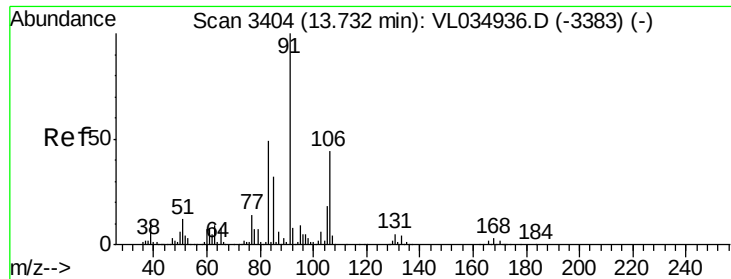
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#59
m/p-Xylene
Concen: 0.548 ppbv m
RT: 12.99 min Scan# 3172
Delta R.T. -0.05 min
Lab File: VL035027.D
Acq: 14 May 2020 19:39

Tgt Ion	Ratio	Lower	Upper
91	100		
106	0.0	66.0	99.0#





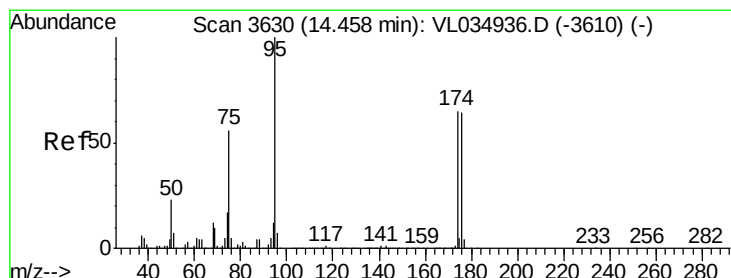
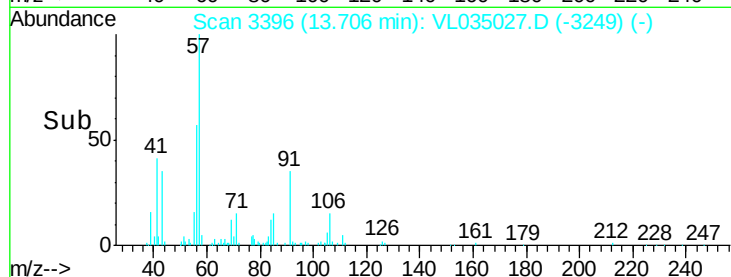
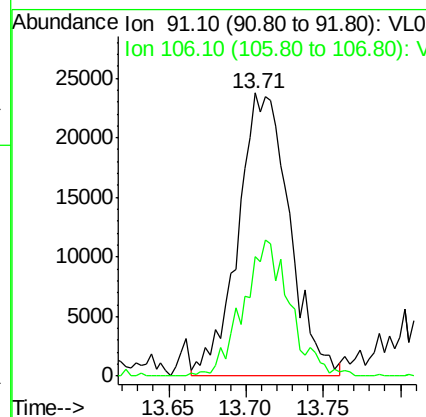
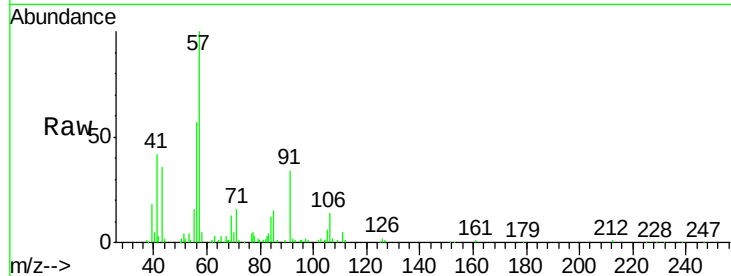
#60
o-Xylene
Concen: 0.186 ppbv m
RT: 13.71 min Scan# 3396
Delta R.T. -0.03 min
Lab File: VL035027.D
Acq: 14 May 2020 19:39

Instrument :
MSVOA_L
ClientSampled :
SG-3DL

Tot Ion: 91 Resp: 55067
Ion Ratio Lower Upper
91 100
106 43.5 21.9 65.5

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.532 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.02 min
Lab File: VL035027.D
Acq: 14 May 2020 19:39

Tgt Ion: 95 Resp: 2348554
Ion Ratio Lower Upper
95 100
174 67.1 51.5 77.3
175 5.0 3.8 5.8

