

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122320\
 Data File : VL036195.D
 Acq On : 23 Dec 2020 16:51
 Operator : SY/AP
 Sample : L5196-01 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG2

Manual Integrations
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Quant Time: Dec 24 05:43:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1229392	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.15	114	2390865	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.06	117	2170805	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1918599	11.13	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	23233m	0.331	ppbv	
13) Ethanol	3.58	45	65792m	6.792	ppbv	
15) Acetone	3.83	43	184657m	1.250	ppbv	
17) tert-Butyl alcohol	4.29	59	19667m	0.137	ppbv	
19) Isopropyl Alcohol	3.96	45	79600m	0.881	ppbv	
20) Methylene Chloride	4.32	84	54884	0.906	ppbv	92
26) Hexane	5.66	57	108443	0.816	ppbv #	38
53) Toluene	9.78	91	75885m	0.334	ppbv	
59) m/p-Xylene	12.94	91	61553m	0.246	ppbv	
60) o-Xylene	13.66	91	27942m	0.118	ppbv	
62) Isopropylbenzene	14.64	105	172871	0.494	ppbv	97

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

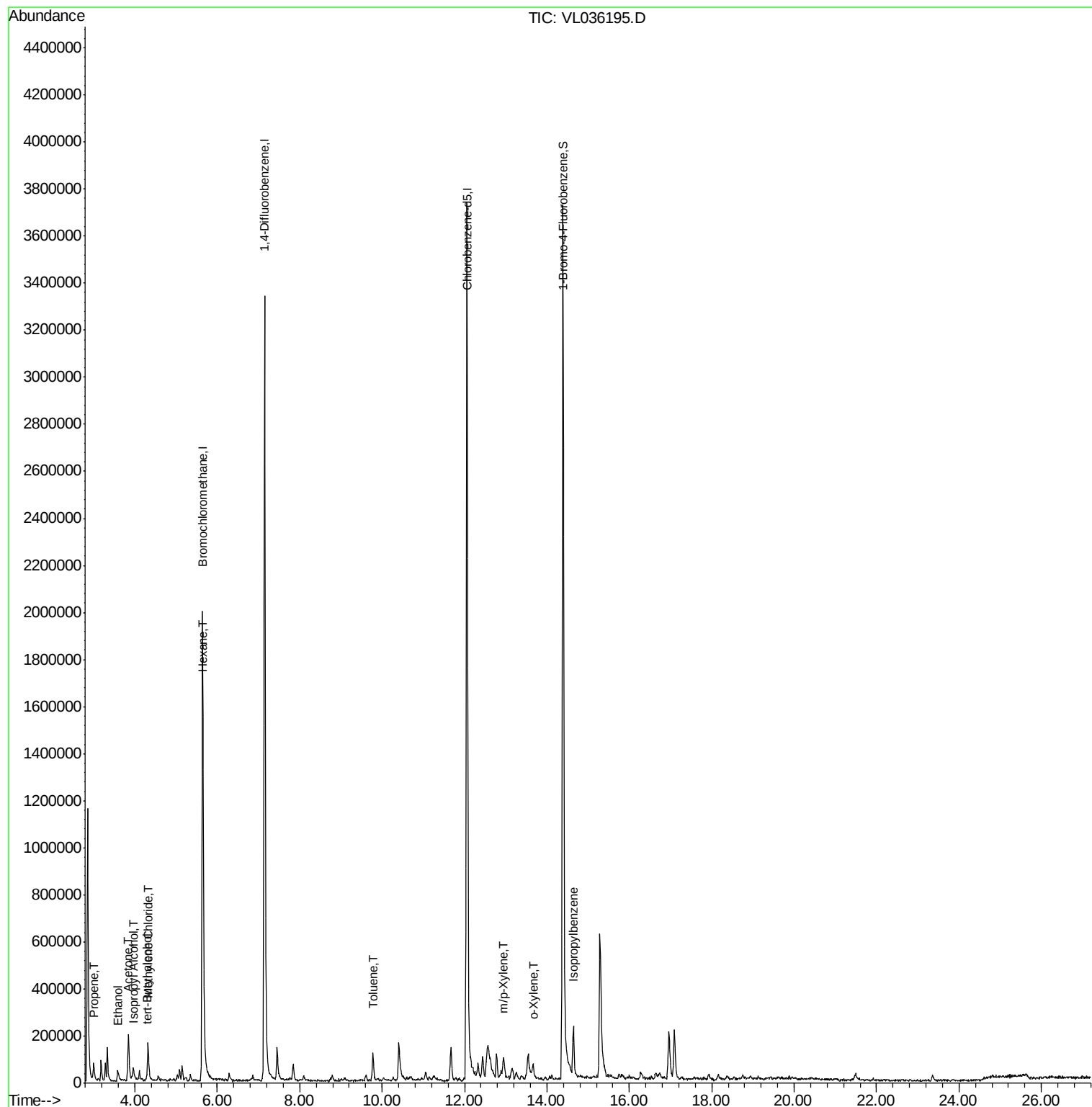
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122320\
Data File : VL036195.D
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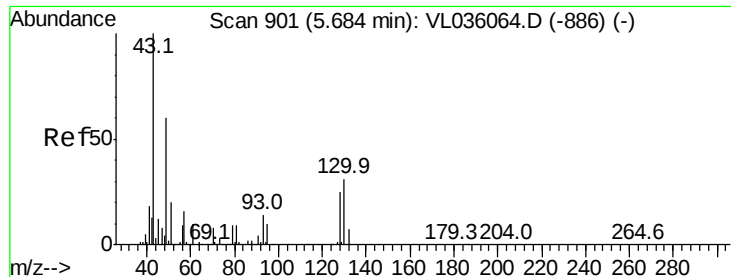
Instrument :
MSVOA_L
ClientSampleId :
SSSG2

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Quant Time: Dec 24 05:43:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.04 min

Lab File: VL036195.D

Acq: 23 Dec 2020 16:51

Instrument :

MSVOA_L

ClientSampleId :

SSSG2

Tot Ion: 49 Resp: 1229392

Ion Ratio Lower Upper

49 100

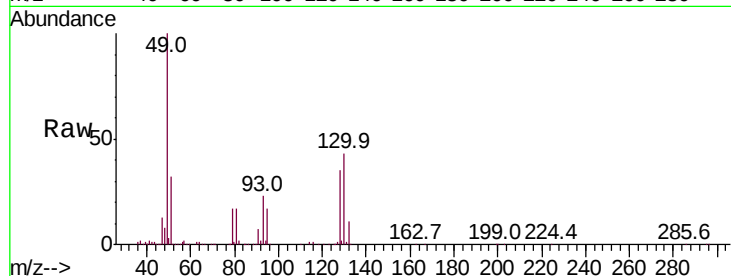
128 34.6 21.1 63.1

130 45.3 27.1 81.3

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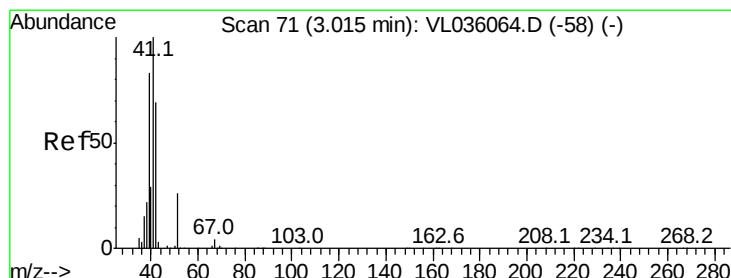
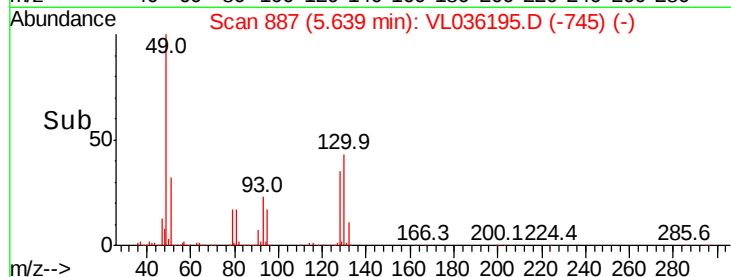
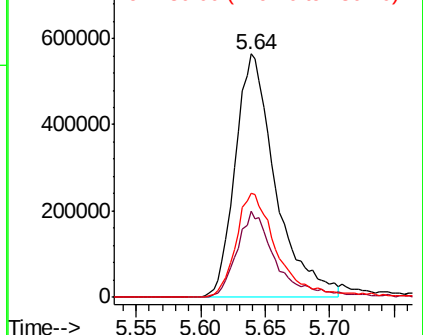
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.331 ppbv m

RT: 2.99 min Scan# 64

Delta R.T. -0.02 min

Lab File: VL036195.D

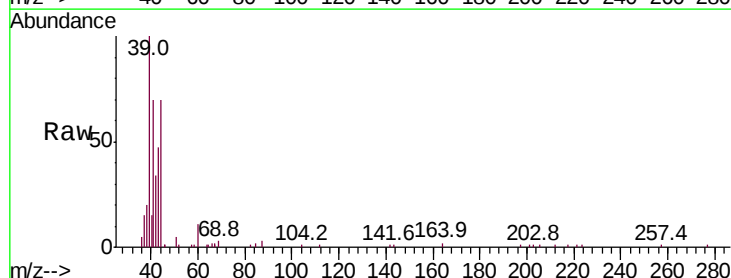
Acq: 23 Dec 2020 16:51

Tgt Ion: 41 Resp: 23233

Ion Ratio Lower Upper

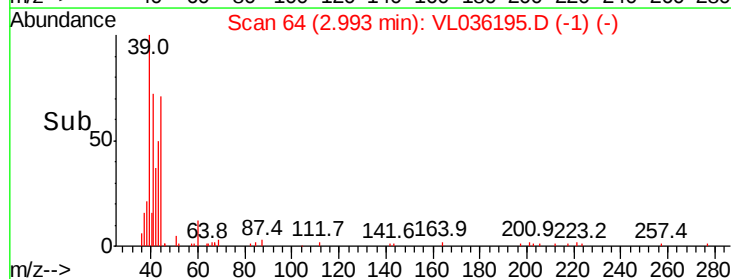
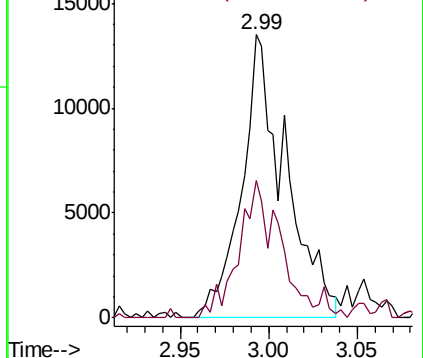
41 100

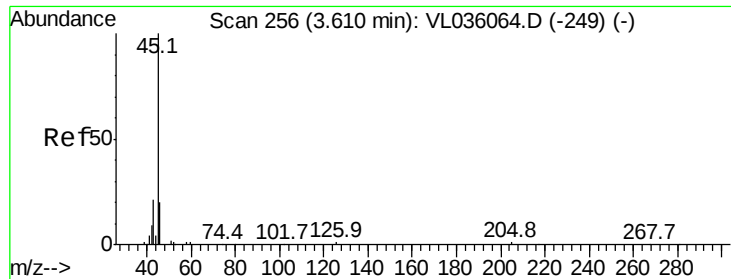
42 50.8 57.0 85.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





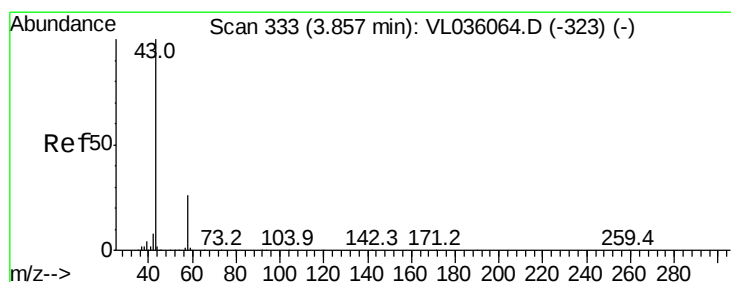
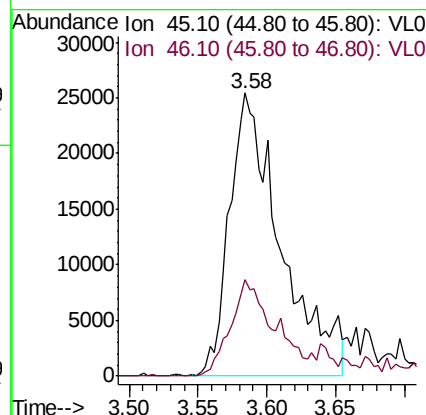
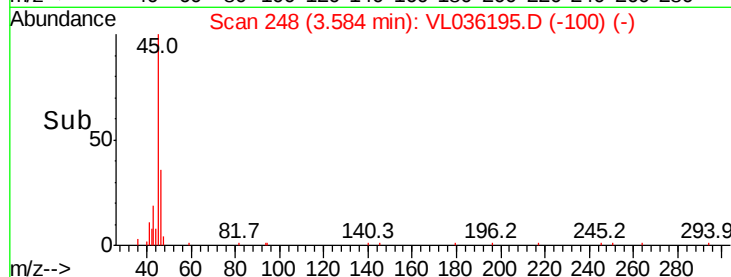
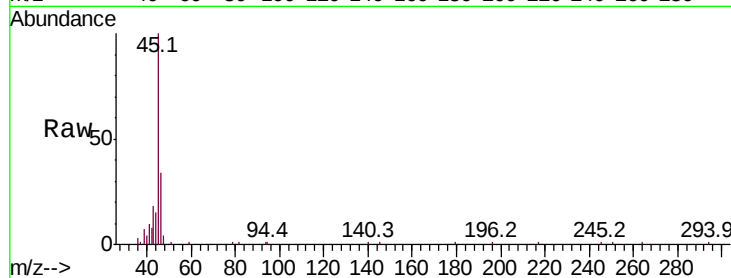
#13
Ethanol
Concen: 6.792 ppbv m
RT: 3.58 min Scan# 248
Delta R.T. -0.03 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Instrument :
MSVOA_L
ClientSampled :
SSSG2

Tot Ion: 45 Resp: 65792
Ion Ratio Lower Upper
45 100
46 39.0 19.0 75.8

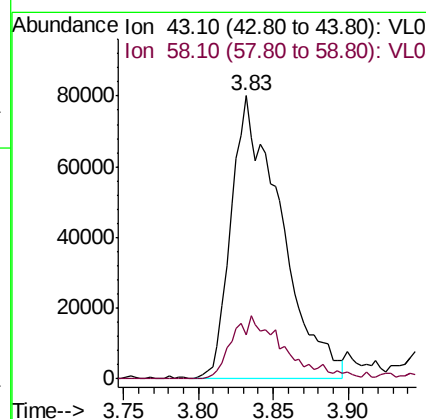
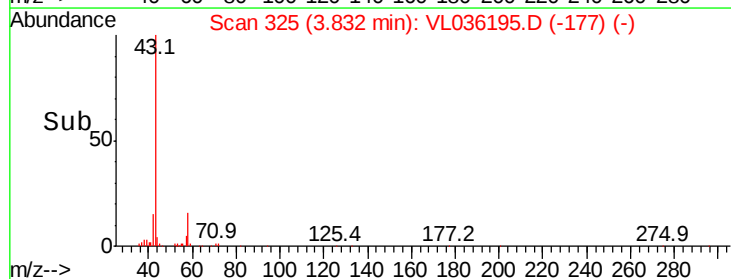
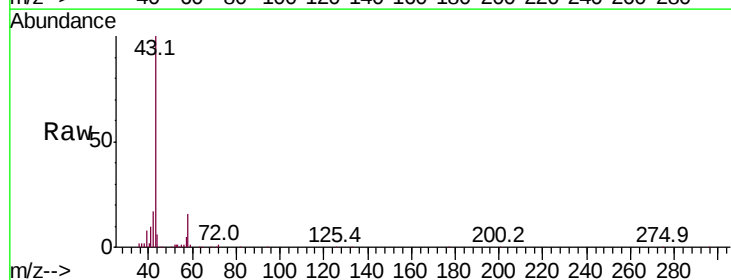
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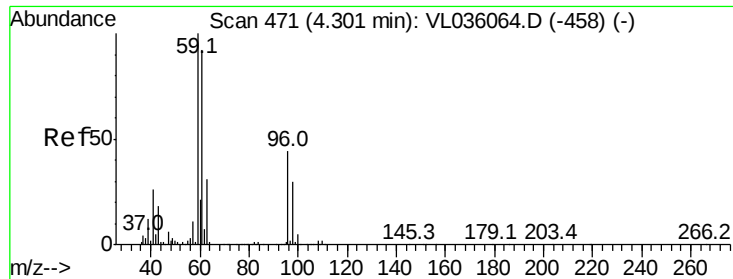
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#15
Acetone
Concen: 1.250 ppbv m
RT: 3.83 min Scan# 325
Delta R.T. -0.03 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Tgt Ion: 43 Resp: 184657
Ion Ratio Lower Upper
43 100
58 23.5 20.9 31.3





#17

tert-Butyl alcohol

Concen: 0.137 ppbv m

RT: 4.29 min Scan# 468

Delta R.T. -0.01 min

Lab File: VL036195.D

Acq: 23 Dec 2020 16:51

Instrument :

MSVOA_L

ClientSampled :

SSSG2

Tot Ion: 59 Resp: 19667

Ion Ratio Lower Upper

59 100

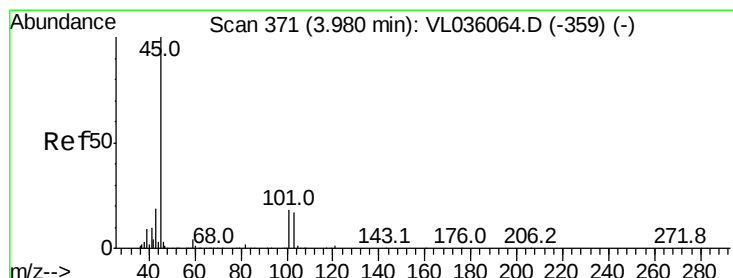
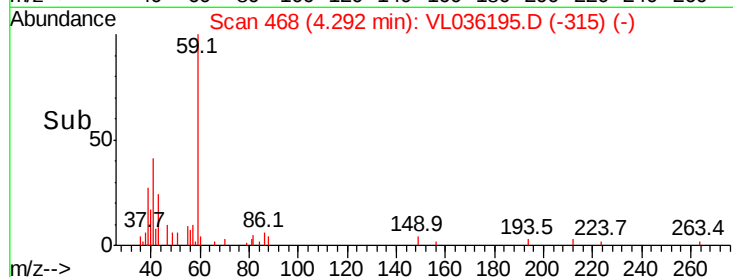
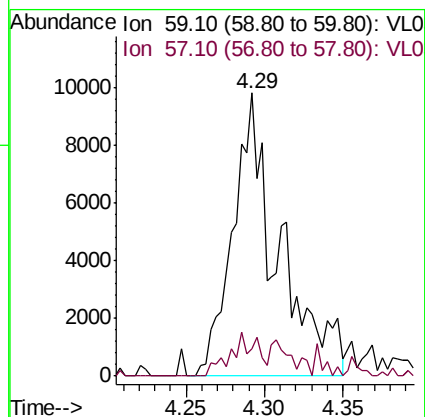
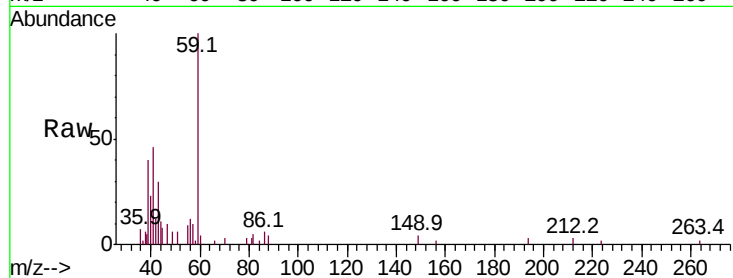
57 14.9 8.7 13.1#

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#19

Isopropyl Alcohol

Concen: 0.881 ppbv m

RT: 3.96 min Scan# 364

Delta R.T. -0.02 min

Lab File: VL036195.D

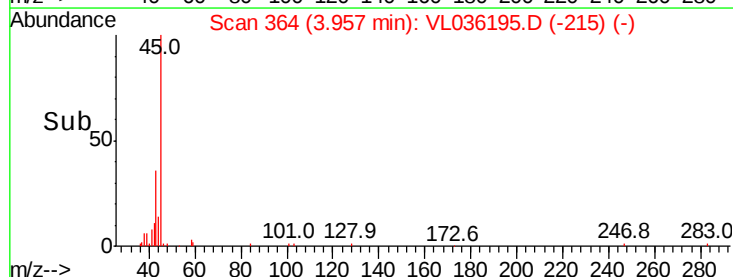
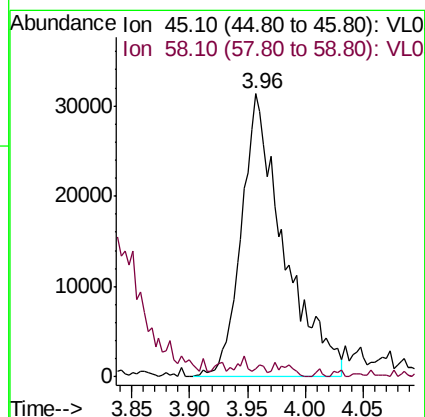
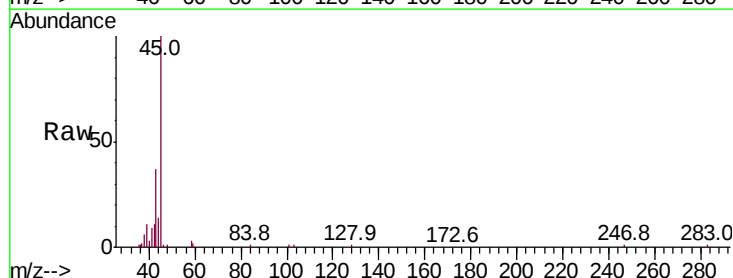
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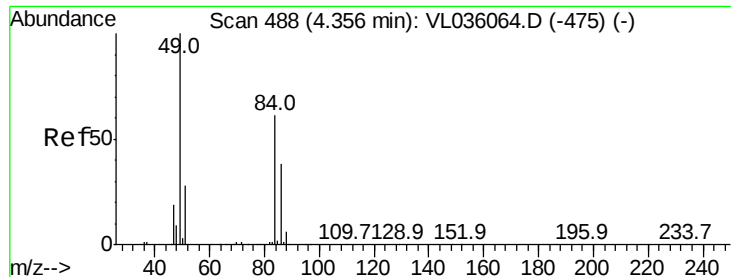
Tgt Ion: 45 Resp: 79600

Ion Ratio Lower Upper

45 100

58 3.3 0.0 0.0#





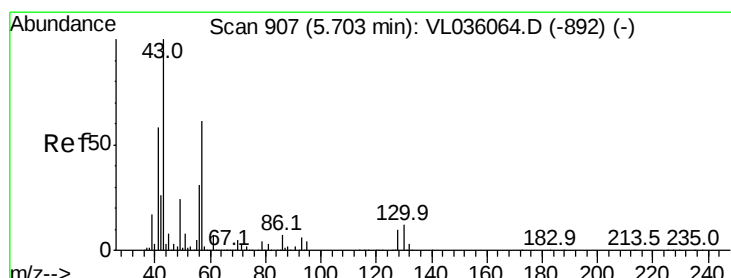
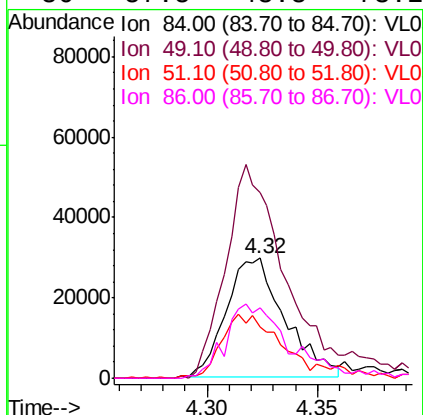
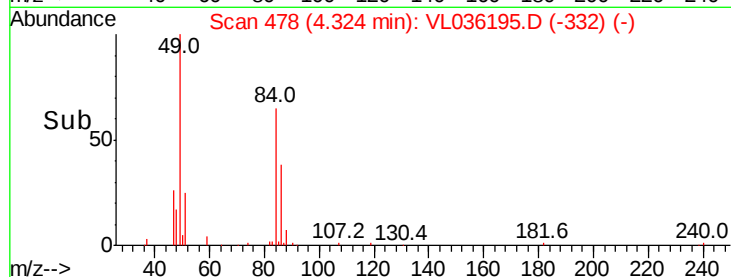
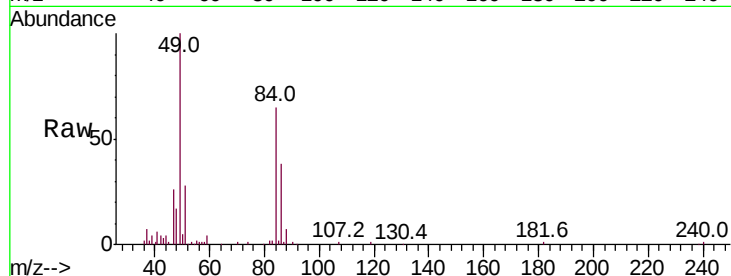
#20
Methvlene Chloride
Concen: 0.906 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.03 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Instrument :
MSVOA_L
ClientSampled :
SSSG2

Tot Ion	84	Resp	54884
Ion	Ratio	Lower	Upper
84	100		
49	155.3	133.0	199.4
51	41.9	38.9	58.3
86	57.5	48.8	73.2

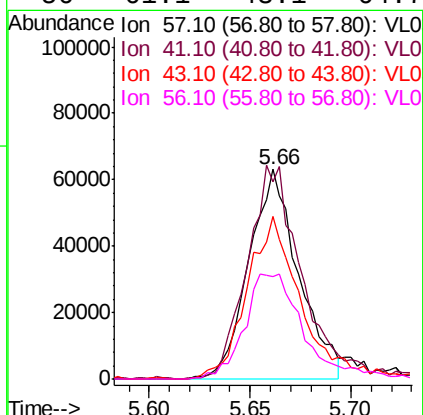
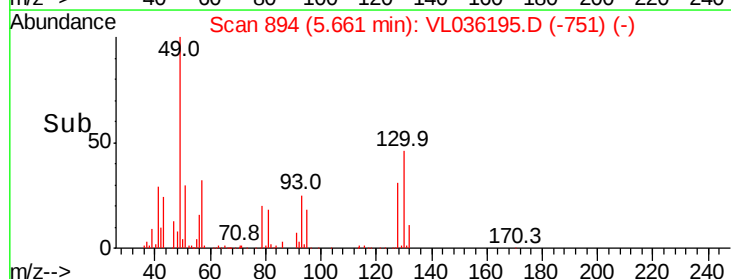
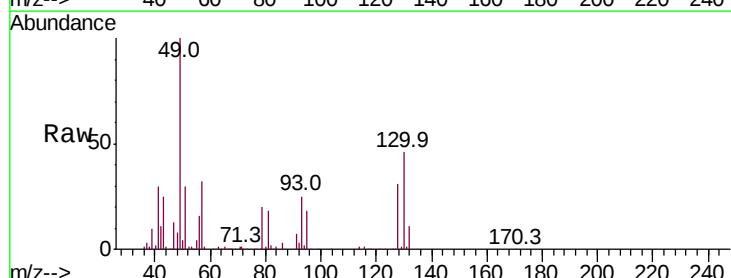
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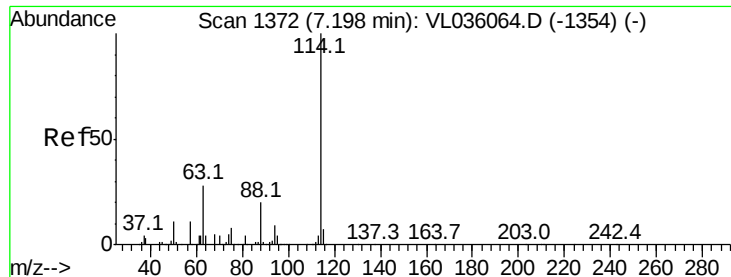
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#26
Hexane
Concen: 0.816 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.04 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Tgt Ion	57	Resp	108443
Ion	Ratio	Lower	Upper
57	100		
41	115.4	82.9	124.3
43	86.9	199.9	299.9#
56	61.1	43.1	64.7





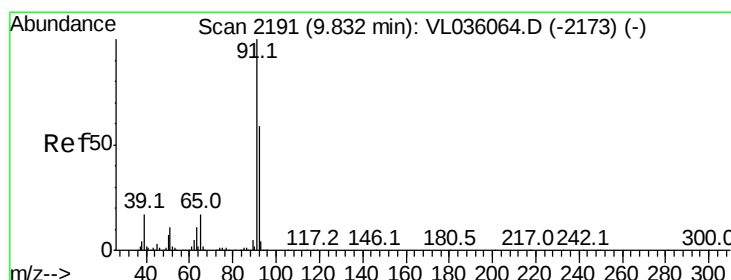
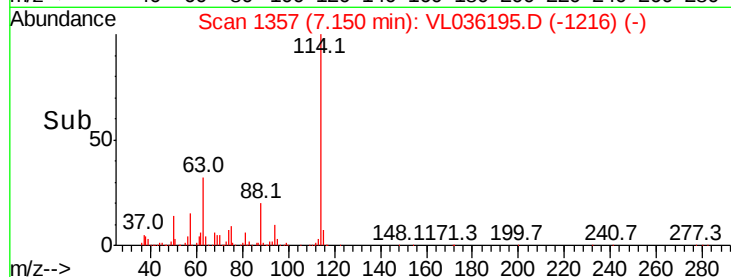
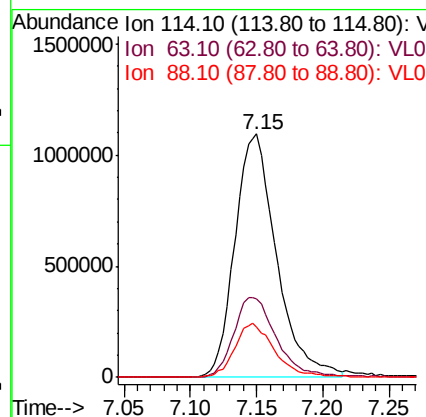
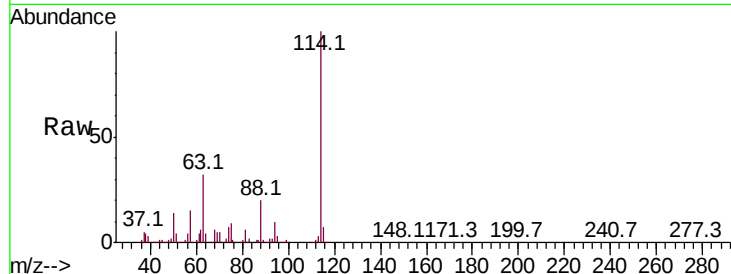
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1357
 Delta R.T. -0.05 min
 Lab File: VL036195.D
 Acq: 23 Dec 2020 16:51

Instrument :
 MSVOA_L
 ClientSampled :
 SSSG2

Tot Ion	Ratio	Lower	Upper
114	100		
63	34.7	23.6	35.4
88	21.7	15.8	23.6

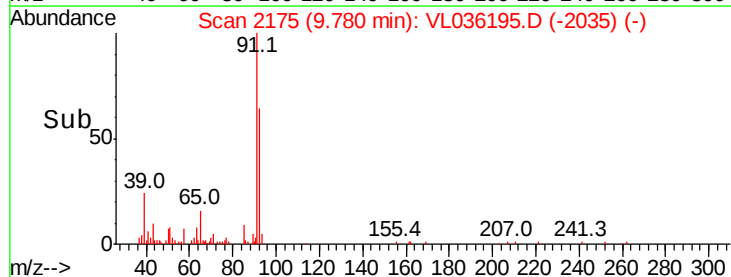
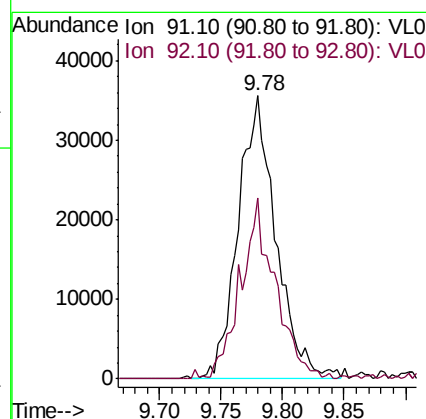
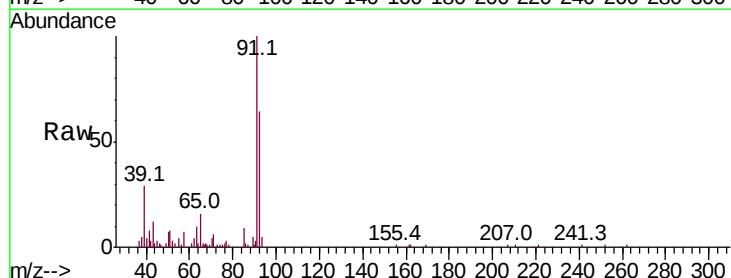
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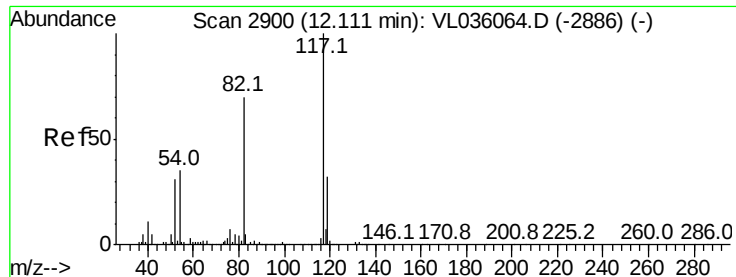
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#53
 Toluene
 Concen: 0.334 ppbv m
 RT: 9.78 min Scan# 2175
 Delta R.T. -0.05 min
 Lab File: VL036195.D
 Acq: 23 Dec 2020 16:51

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.2	48.2	72.2





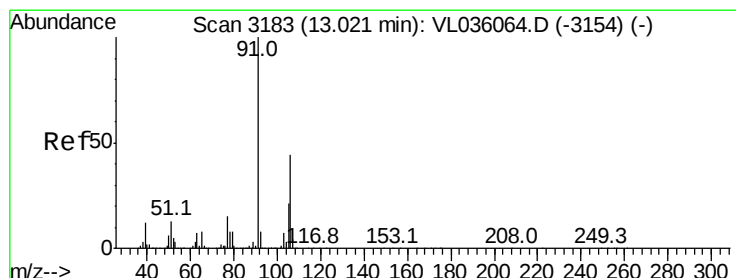
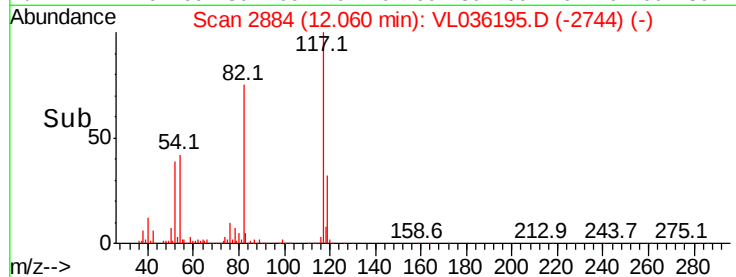
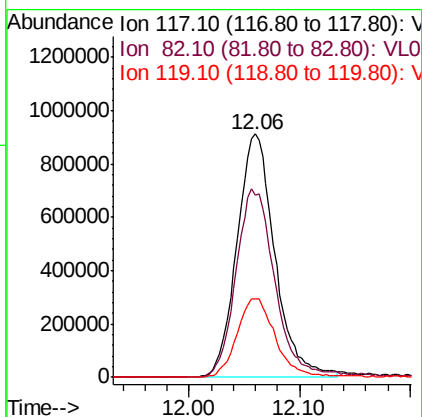
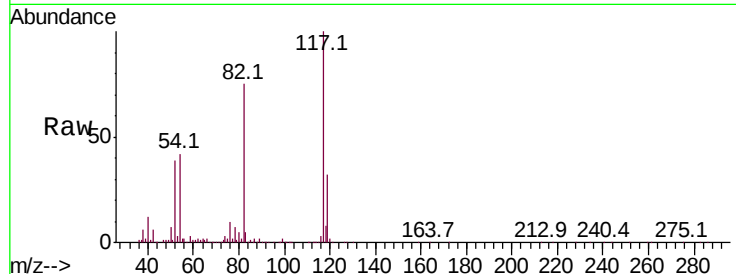
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.05 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Instrument :
MSVOA_L
ClientSampleId :
SSSG2

Tot Ion:117 Resp: 2170805
Ion Ratio Lower Upper
117 100
82 81.8 0.0 0.0#
119 33.0 0.0 0.0#

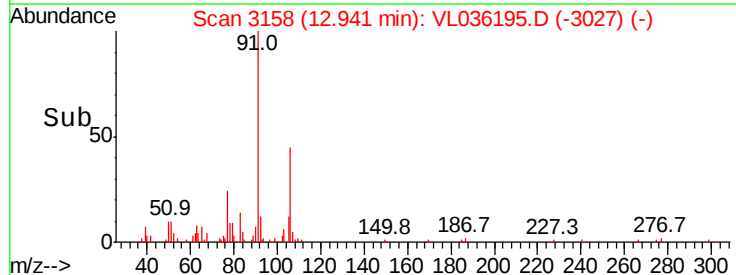
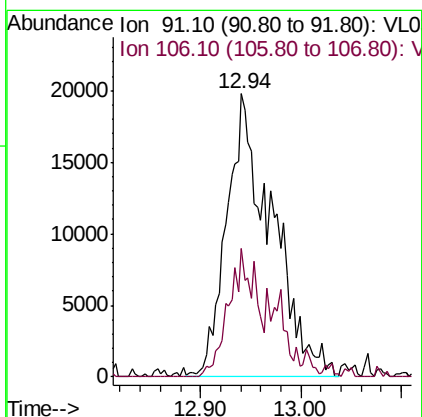
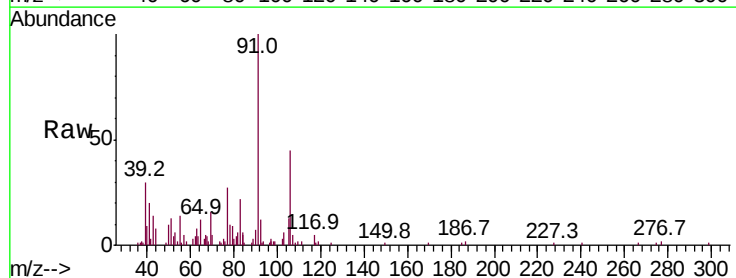
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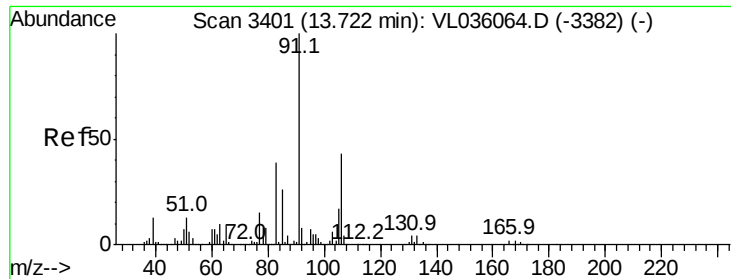
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#59
m/p-Xylene
Concen: 0.246 ppbv m
RT: 12.94 min Scan# 3158
Delta R.T. -0.08 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Tgt Ion: 91 Resp: 61553
Ion Ratio Lower Upper
91 100
106 0.0 33.6 50.4#





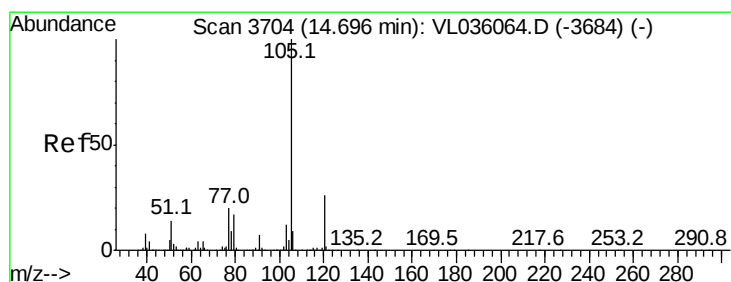
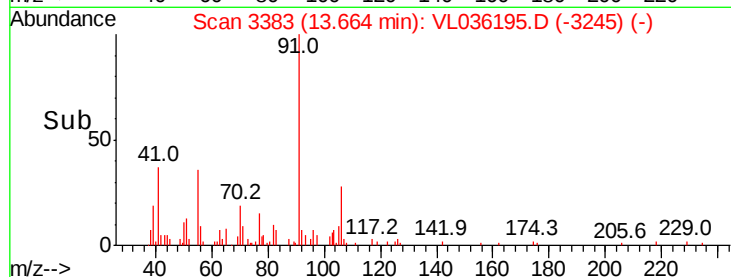
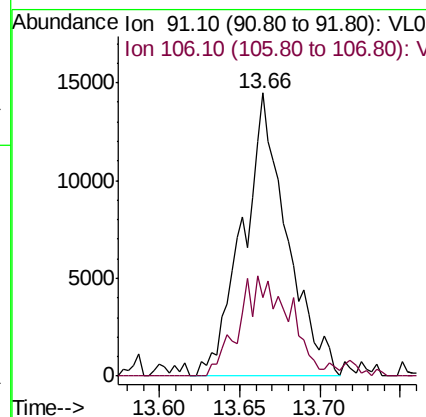
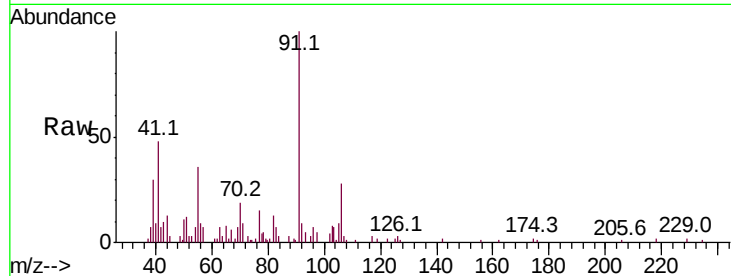
#60
o-Xylene
Concen: 0.118 ppbv m
RT: 13.66 min Scan# 3383
Delta R.T. -0.06 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Instrument :
MSVOA_L
ClientSampleId :
SSSG2

Tot Ion: 91 Resp: 27942
Ion Ratio Lower Upper
91 100
106 42.8 21.6 64.6

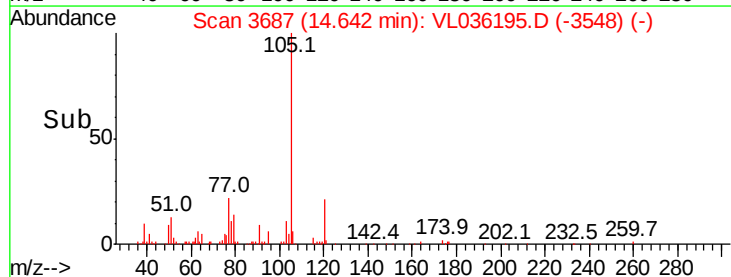
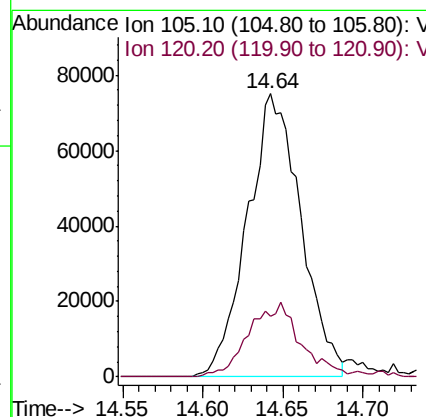
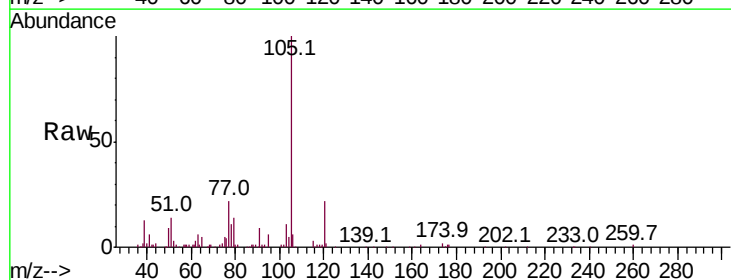
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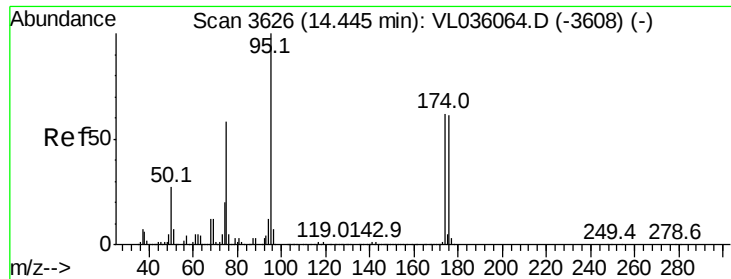
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#62
Isopropylbenzene
Concen: 0.494 ppbv
RT: 14.64 min Scan# 3687
Delta R.T. -0.05 min
Lab File: VL036195.D
Acq: 23 Dec 2020 16:51

Tgt Ion:105 Resp: 172871
Ion Ratio Lower Upper
105 100
120 26.4 20.1 30.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.131 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. -0.05 min
 Lab File: VL036195.D
 Acq: 23 Dec 2020 16:51

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG2

Tot Ion: 95 Resp: 1918599
 Ion Ratio Lower Upper
 95 100
 174 55.0 50.7 76.1
 175 3.9 4.0 6.0#

Manual Integrations
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