

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072120\
 Data File : VL035216.D
 Acq On : 21 Jul 2020 17:58
 Operator : SY/AP
 Sample : L3290-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1ST-FLOOR-EAST-CLASSROOMDL

Manual Integrations
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Quant Time: Jul 22 01:36:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08
 QLast Update : Wed Jul 08 07:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1057520	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2580091	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2412156	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1966024	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.98	41	22078m	0.500	ppbv	
13) Ethanol	3.57	45	170385	12.123	ppbv	95
15) Acetone	3.83	43	155519	1.086	ppbv	97
19) Isopropyl Alcohol	3.94	45	67161	0.778	ppbv #	90
20) Methylene Chloride	4.32	84	82554	1.325	ppbv	90
26) Hexane	5.67	57	18644	0.190	ppbv #	42
53) Toluene	9.82	91	15993m	0.081	ppbv	

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

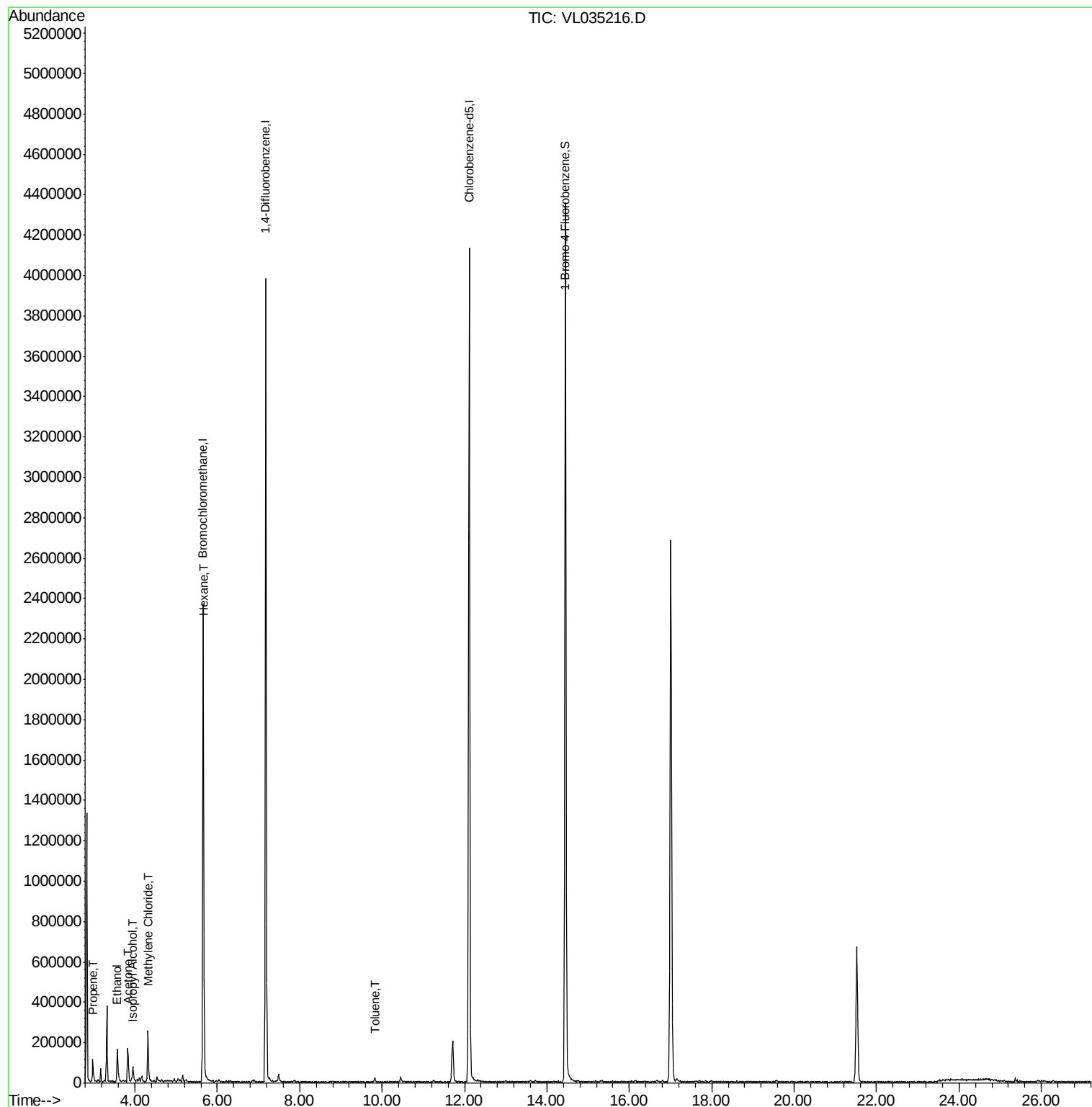
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL072120\
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Misc : 400ml/MSVOA L
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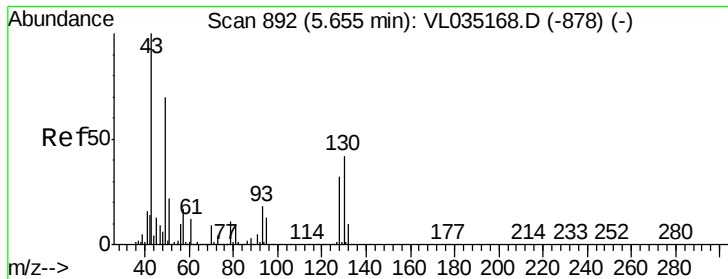
Instrument :
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QLast Update : Wed Jul 08 07:05:23 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. 0.00 min

Lab File: VL035216.D

Acq: 21 Jul 2020 17:58

Instrument :

MSVOA_L

ClientSampleId :

1ST-FLOOR-EAST-CLASSROOMDL

Tot Ion: 49 Resp: 1057520

Ion Ratio Lower Upper

49 100

128 49.7 23.8 71.4

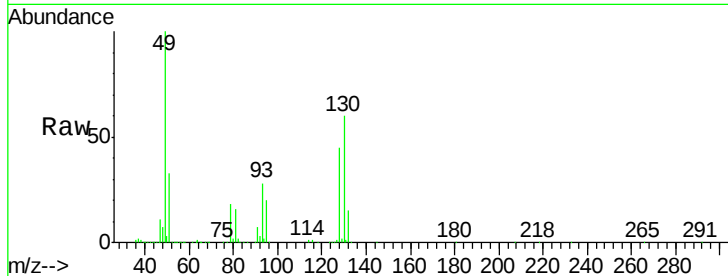
130 63.8 29.9 89.8

Manual Integrations

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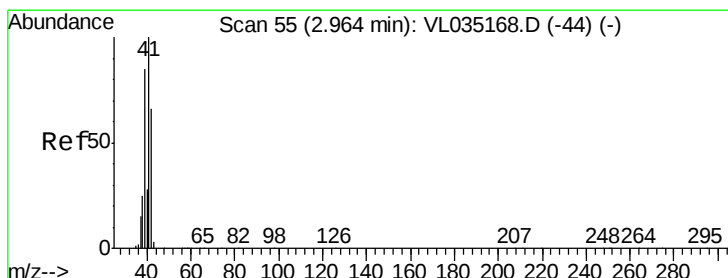
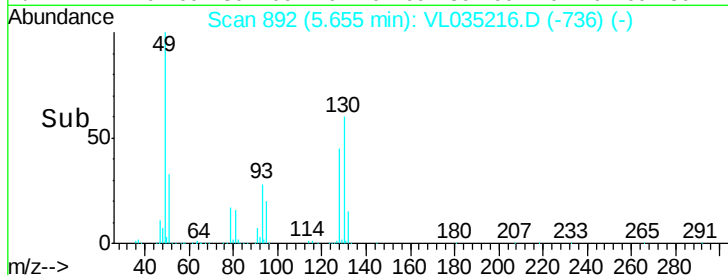
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.65

Time-->



#9

Propene

Concen: 0.500 ppbv m

RT: 2.98 min Scan# 59

Delta R.T. 0.01 min

Lab File: VL035216.D

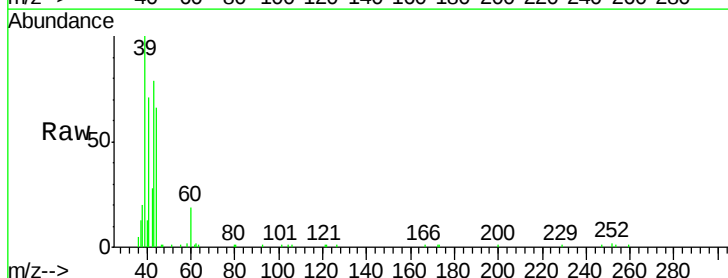
Acq: 21 Jul 2020 17:58

Tgt Ion: 41 Resp: 22078

Ion Ratio Lower Upper

41 100

42 47.8 54.6 81.8#

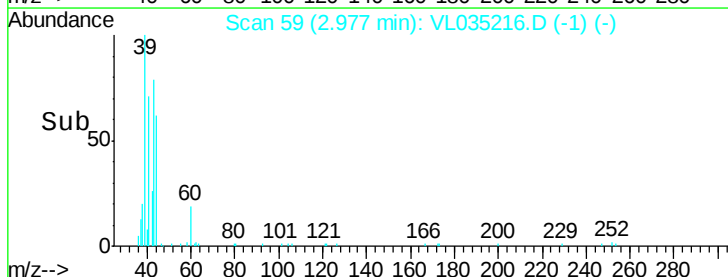


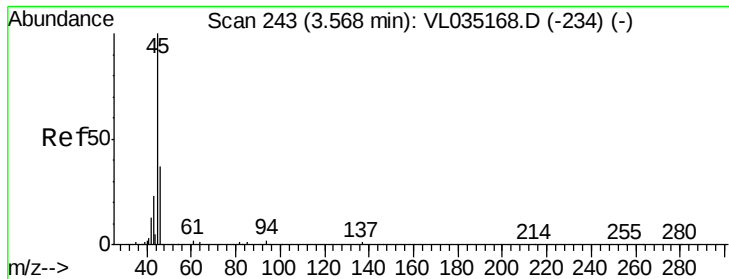
Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

2.98

Time-->





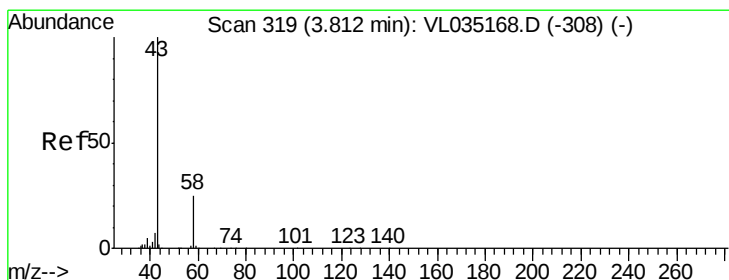
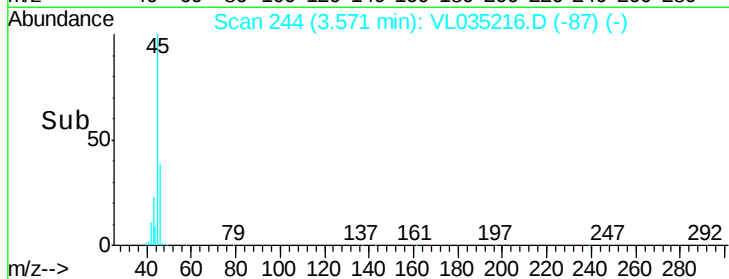
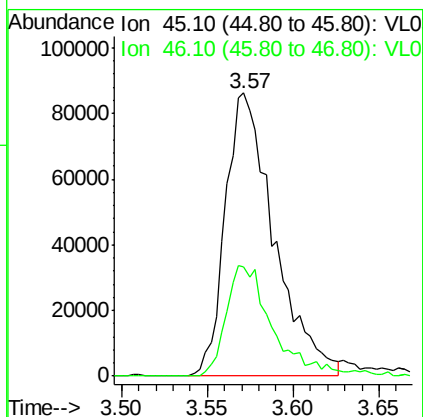
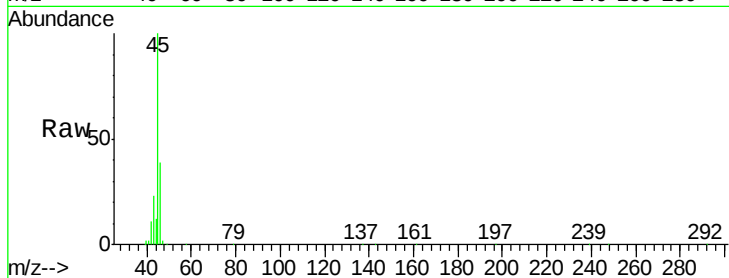
#13
Ethanol
Concen: 12.123 ppbv
RT: 3.57 min Scan# 244
Delta R.T. 0.00 min
Lab File: VL035216.D
Acq: 21 Jul 2020 17:58

Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOOR-EAST-CLASSROOMDL

Tot Ion: 45 Resp: 170385
Ion Ratio Lower Upper
45 100
46 37.8 16.2 65.0

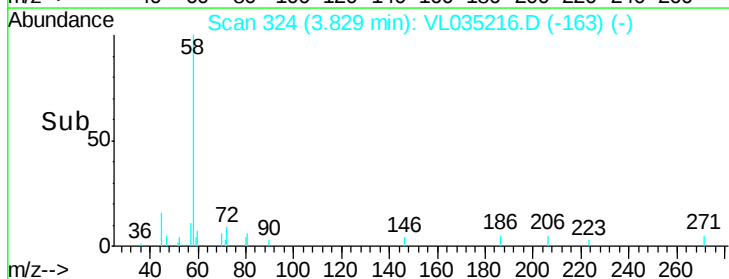
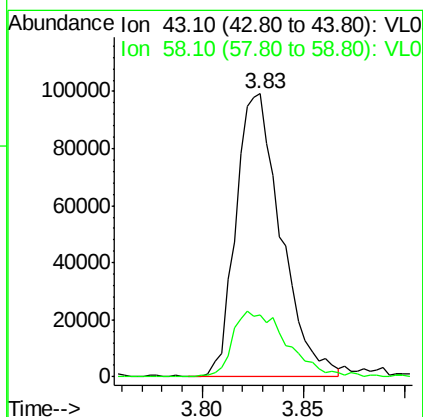
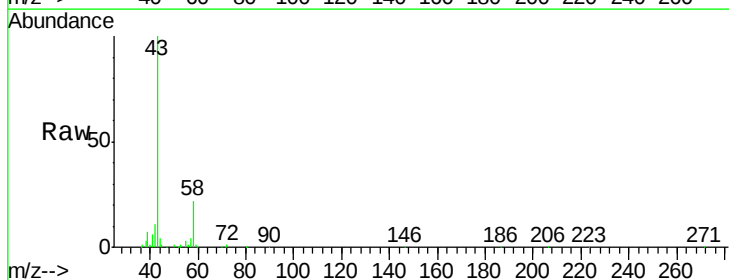
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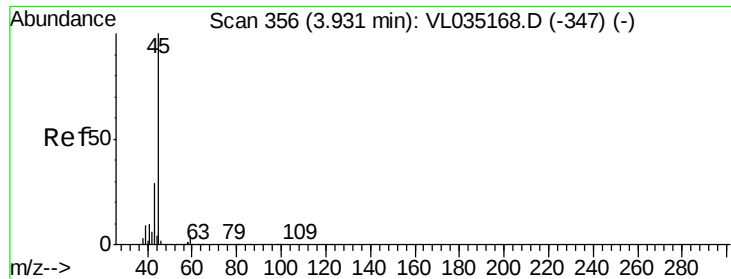
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#15
Acetone
Concen: 1.086 ppbv
RT: 3.83 min Scan# 324
Delta R.T. 0.02 min
Lab File: VL035216.D
Acq: 21 Jul 2020 17:58

Tgt Ion: 43 Resp: 155519
Ion Ratio Lower Upper
43 100
58 27.9 21.3 31.9





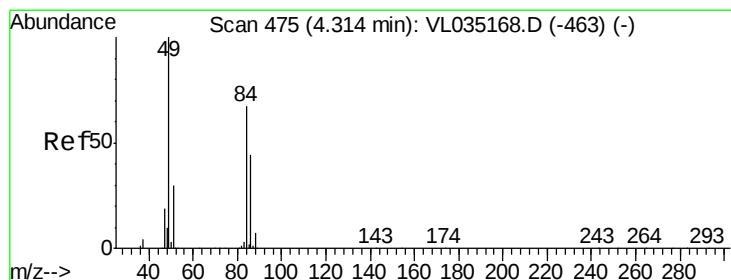
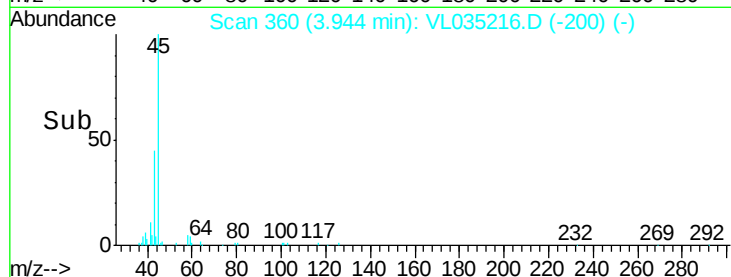
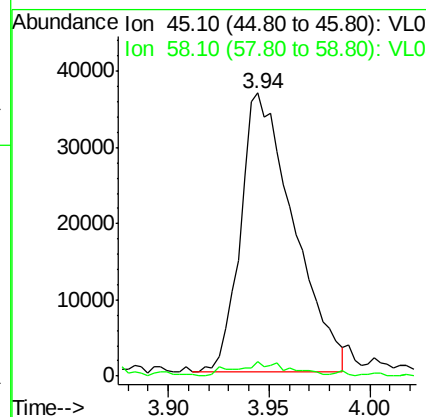
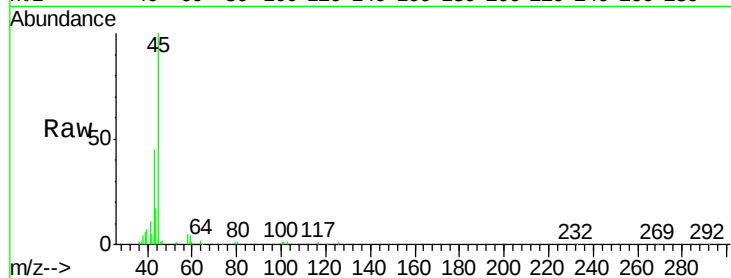
#19
Isopropyl Alcohol
Concen: 0.778 ppbv
RT: 3.94 min Scan# 360
Delta R.T. 0.01 min
Lab File: VL035216.D
Acq: 21 Jul 2020 17:58

Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOOR-EAST-CLASSROOMDL

Tot Ion	45	Resp	67161
Ion Ratio	100	Lower	Upper
58	5.9	2.1	3.1#

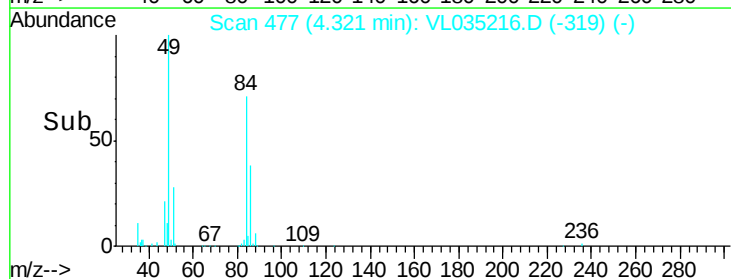
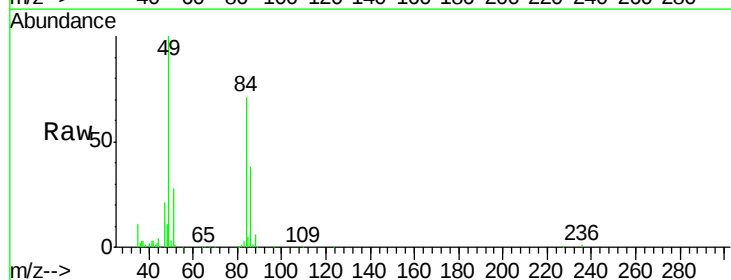
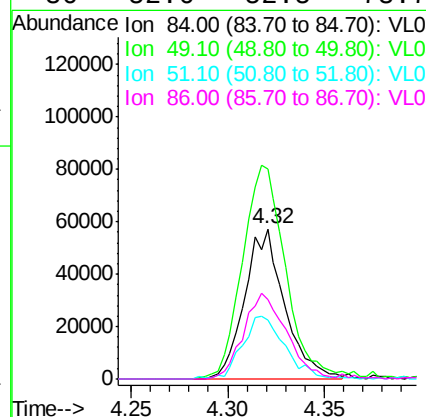
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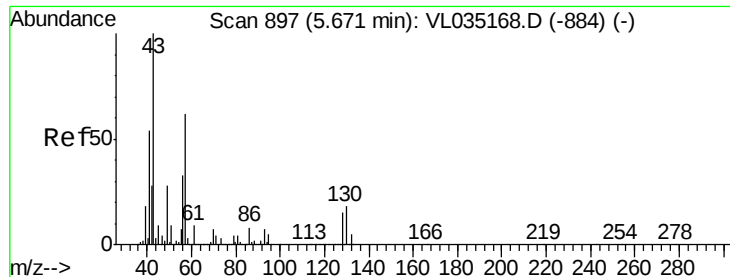
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#20
Methylene Chloride
Concen: 1.325 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.01 min
Lab File: VL035216.D
Acq: 21 Jul 2020 17:58

Tgt Ion	84	Resp	82554
Ion Ratio	100	Lower	Upper
49	139.6	119.4	179.0
51	40.8	36.6	55.0
86	52.6	52.5	78.7





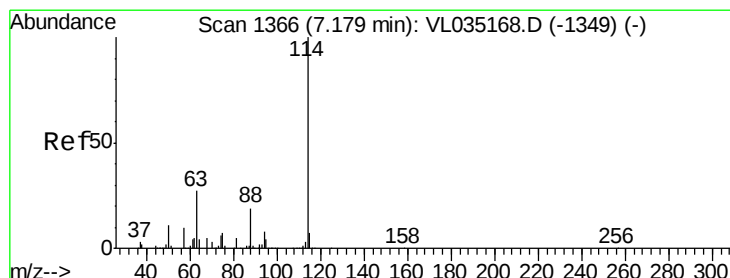
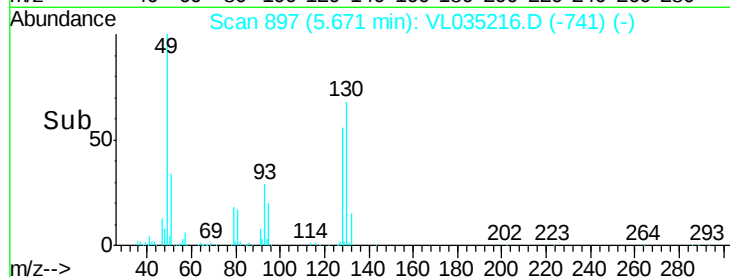
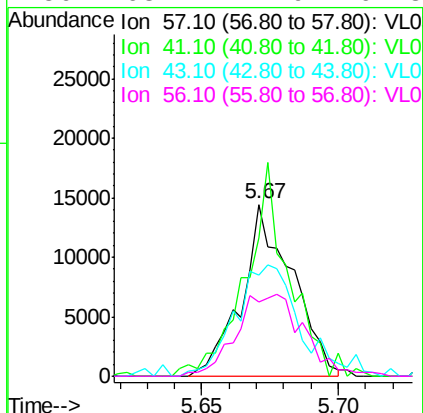
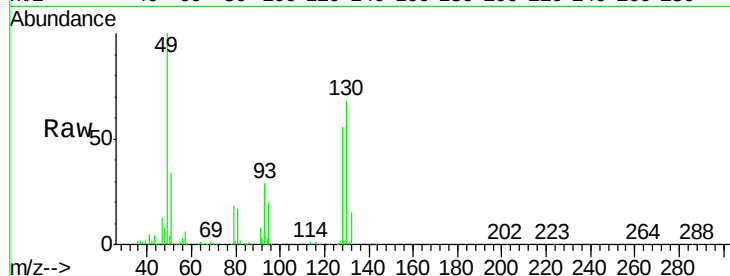
#26
Hexane
Concen: 0.190 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.00 min
Lab File: VL035216.D
Acq: 21 Jul 2020 17:58

Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOOR-EAST-CLASSROOMDL

Tot Ion	57	Resp	18644
Ion	Ratio	Lower	Upper
57	100		
41	107.0	72.9	109.3
43	85.5	179.5	269.3#
56	63.2	42.9	64.3

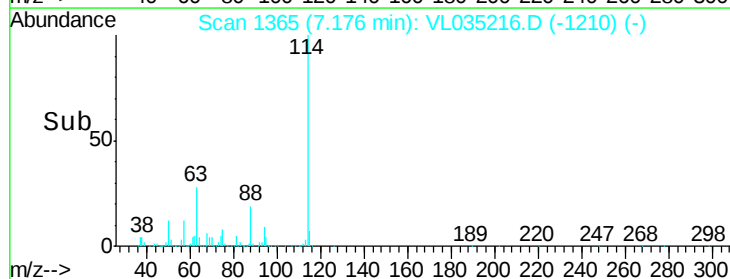
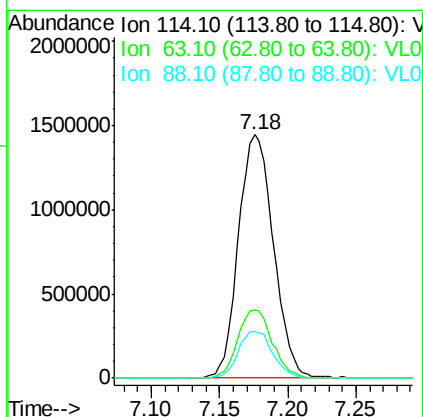
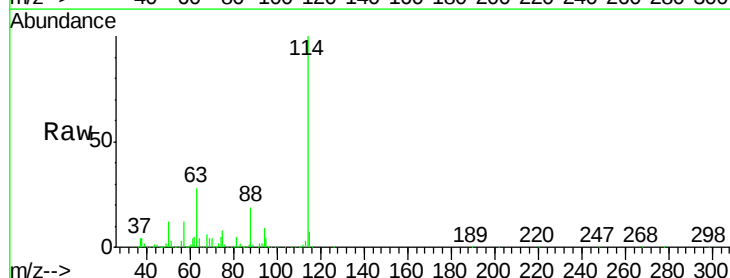
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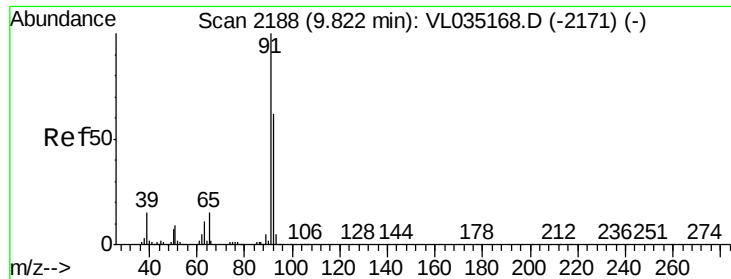
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL035216.D
Acq: 21 Jul 2020 17:58

Tgt Ion	114	Resp	2580091
Ion	Ratio	Lower	Upper
114	100		
63	27.6	22.0	33.0
88	19.1	15.4	23.0





#53

Toluene

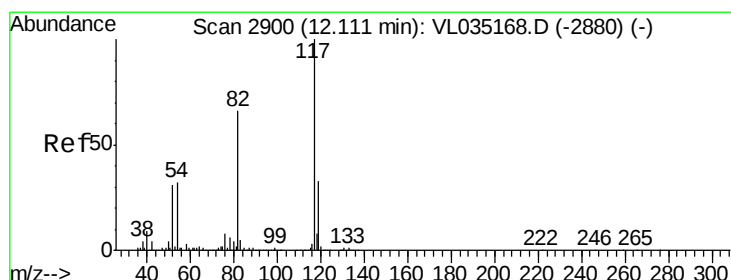
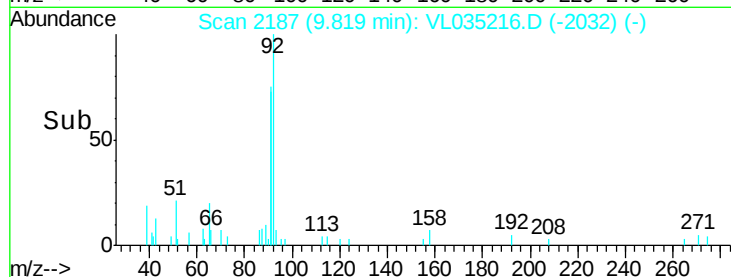
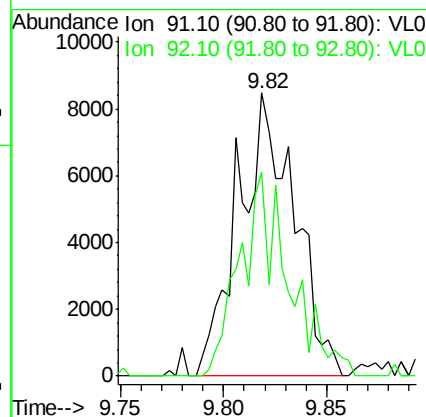
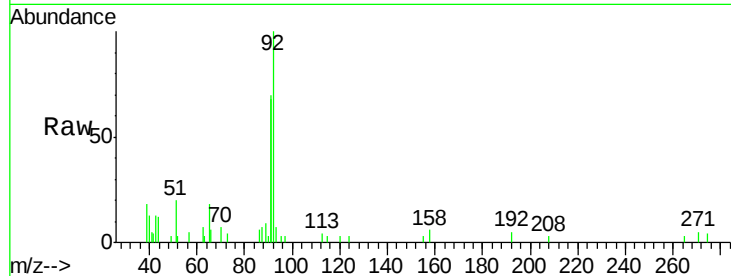
Concen: 0.081 ppbv m
RT: 9.82 min Scan# 2187
Delta R.T. -0.00 min
Lab File: VL035216.D
Acq: 21 Jul 2020 17:58

Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOOR-EAST-CLASSROOMDL

Tot Ion	Ratio	Lower	Upper
91	100		
92	62.6	48.4	72.6

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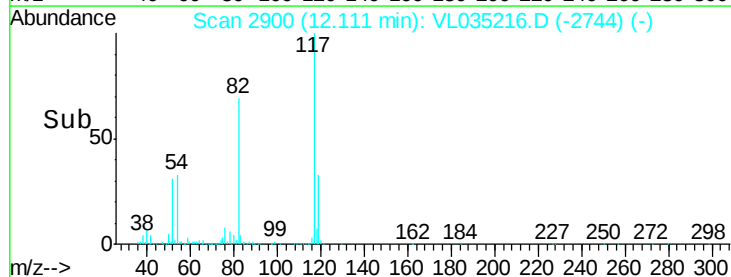
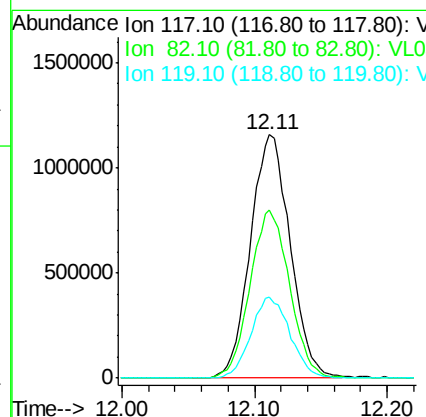
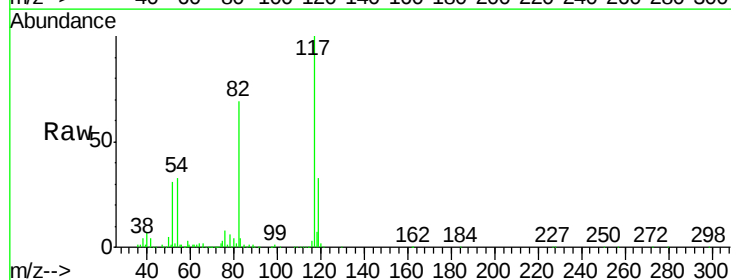


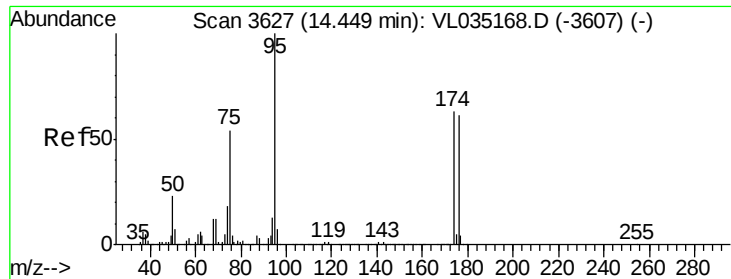
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL035216.D
Acq: 21 Jul 2020 17:58

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.1	52.3	78.5
119	32.9	24.9	37.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.033 ppbv
 RT: 14.45 min Scan# 3626
 Delta R.T. -0.00 min
 Lab File: VL035216.D
 Acq: 21 Jul 2020 17:58

Instrument :
 MSVOA_L
 ClientSampleId :
 1ST-FLOOR-EAST-CLASSROOMDL

Tot Ion: 95 Resp: 1966024
 Ion Ratio Lower Upper
 95 100
 174 65.2 52.2 78.2
 175 4.7 4.0 6.0

Manual Integrations
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