

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110520\
 Data File : VL035881.D
 Acq On : 6 Nov 2020 5:02
 Operator : SY/AP
 Sample : L4618-05 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-2

Quant Time: Nov 06 06:20:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1148153	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4747757	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4319231	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3017828	9.83	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

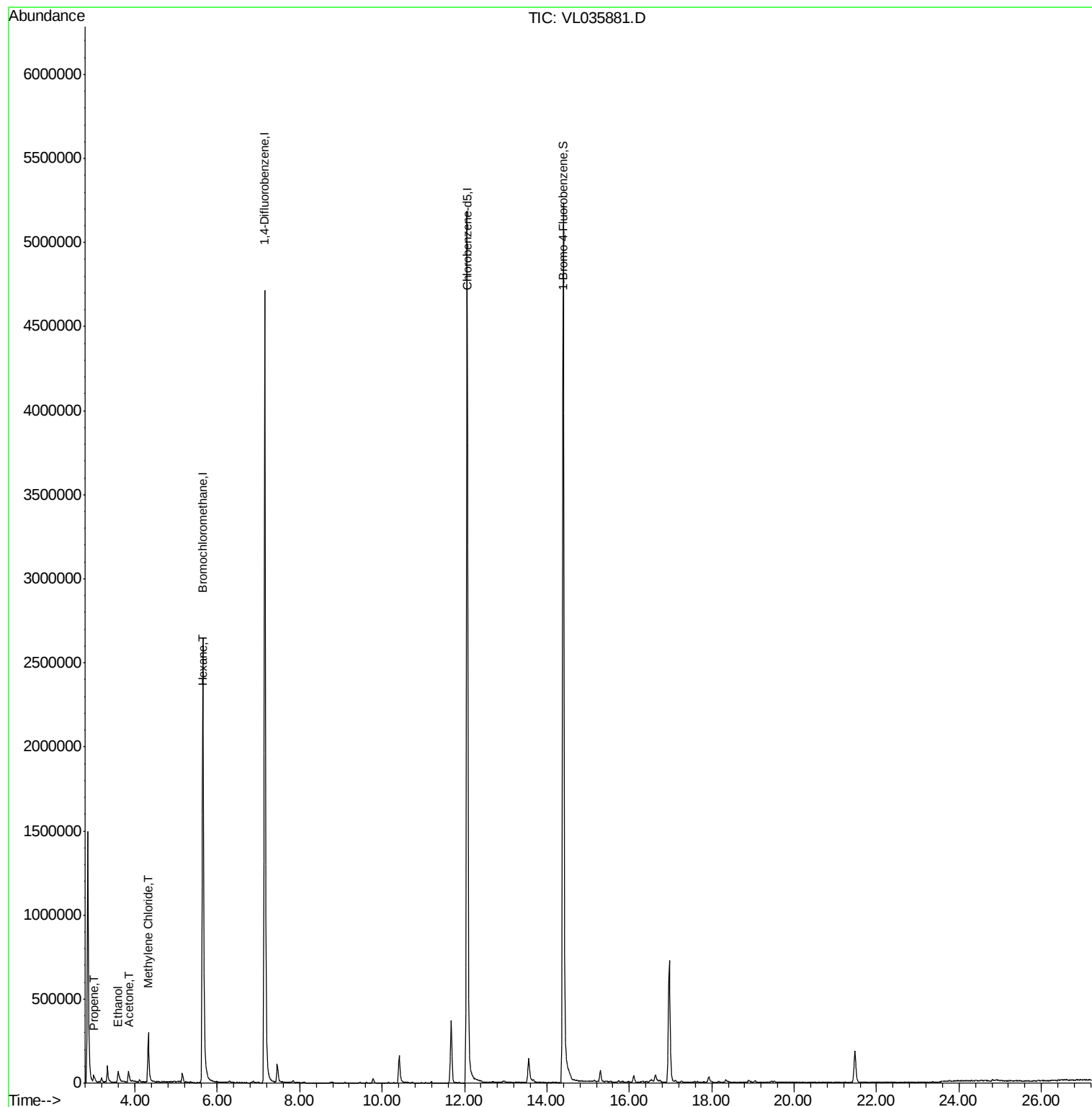
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	11651	0.232	ppbv	84
13) Ethanol	3.59	45	103785	9.506	ppbv	100
15) Acetone	3.83	43	74740	0.609	ppbv #	73
20) Methylene Chloride	4.32	84	162821	1.884	ppbv	96
26) Hexane	5.66	57	143827	1.078	ppbv #	45

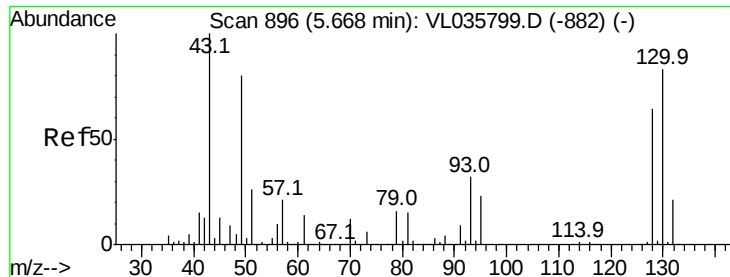
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.03 min

Lab File: VL035881.D

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Instrument :

MSVOA_L

ClientSampleId :

SSSG-2

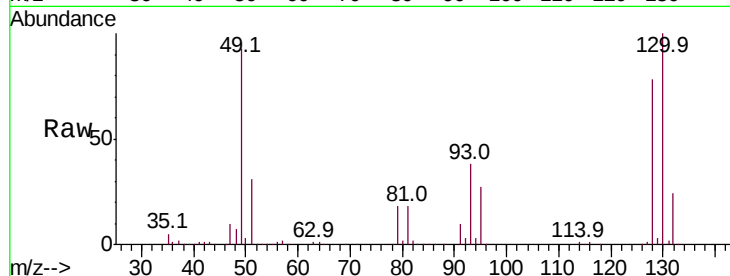
Tot Ion: 49 Resp: 1148153

Ion Ratio Lower Upper

49 100

128 85.5 41.5 124.6

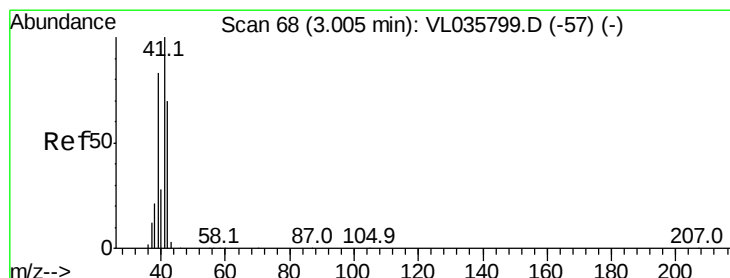
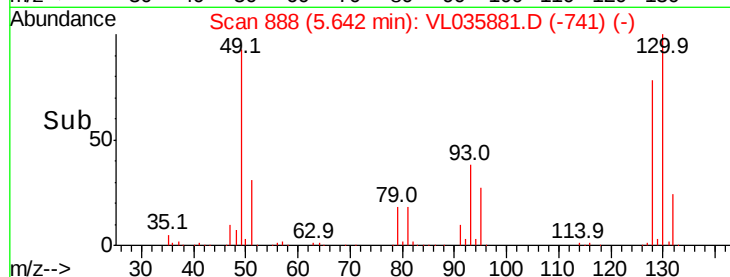
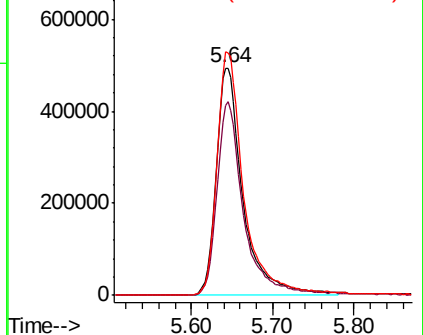
130 108.9 53.7 161.1



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: 0.232 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.00 min

Lab File: VL035881.D

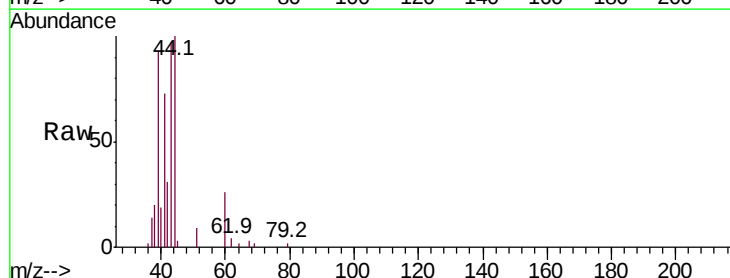
Acq: 6 Nov 2020 5:02

Tgt Ion: 41 Resp: 11651

Ion Ratio Lower Upper

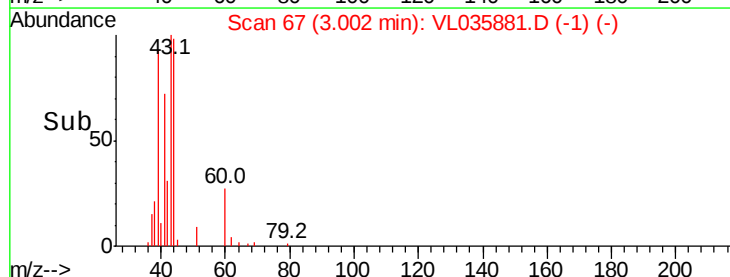
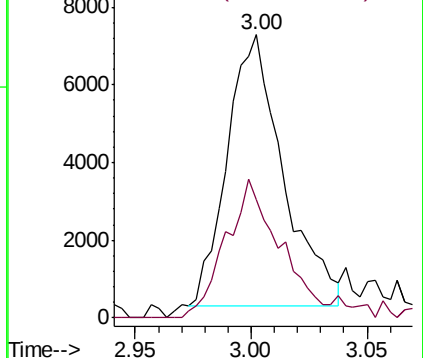
41 100

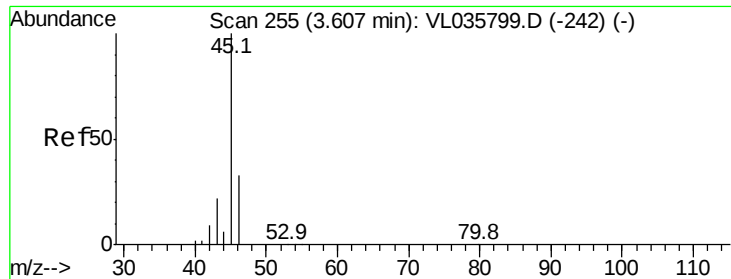
42 57.4 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#13

Ethanol

Concen: 9.506 ppbv

RT: 3.59 min Scan# 250

Delta R.T. -0.02 min

Lab File: VL035881.D

Acq: 6 Nov 2020 5:02

Instrument :

MSVOA_L

ClientSampleId :

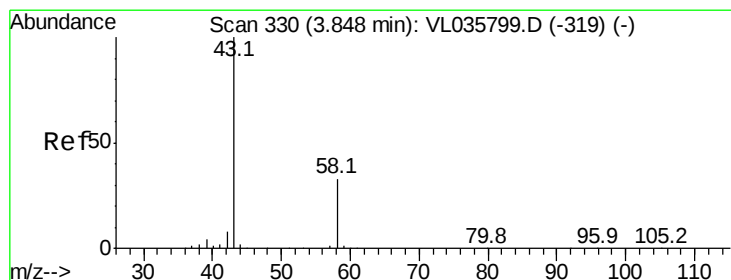
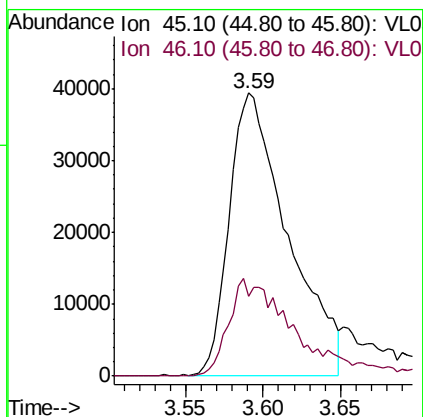
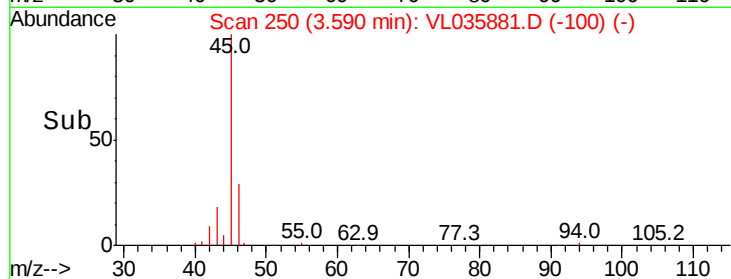
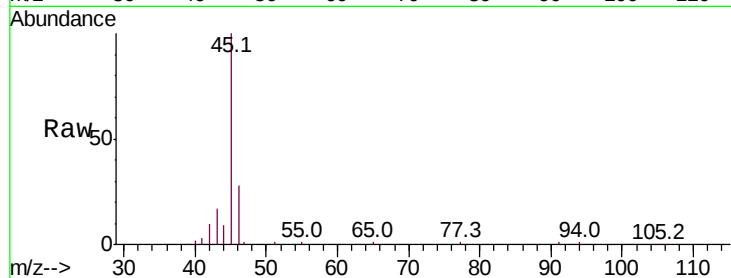
SSSG-2

Tot Ion: 45 Resp: 103785

Ion Ratio Lower Upper

45 100

46 40.4 16.1 64.5



#15

Acetone

Concen: 0.609 ppbv

RT: 3.83 min Scan# 326

Delta R.T. -0.01 min

Lab File: VL035881.D

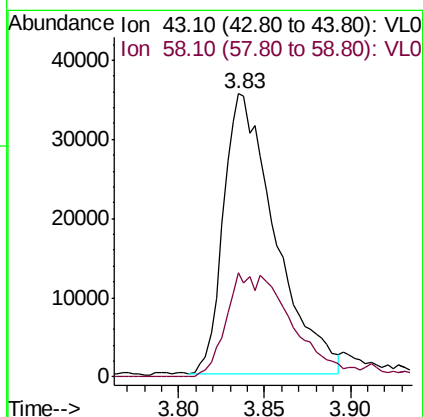
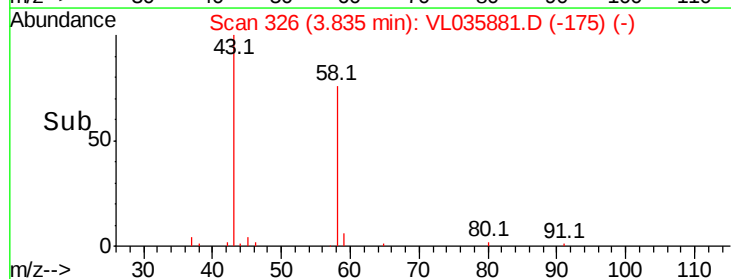
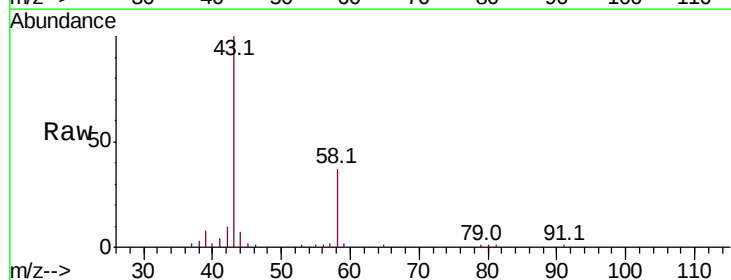
Acq: 6 Nov 2020 5:02

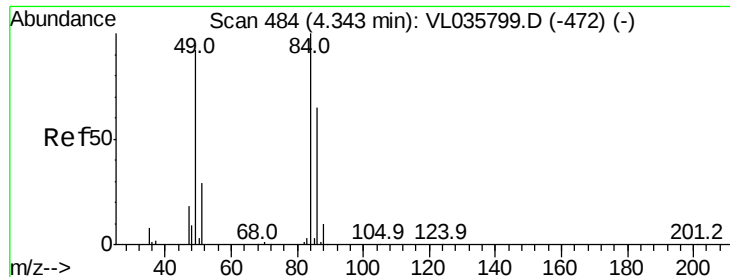
Tgt Ion: 43 Resp: 74740

Ion Ratio Lower Upper

43 100

58 49.8 27.5 41.3#

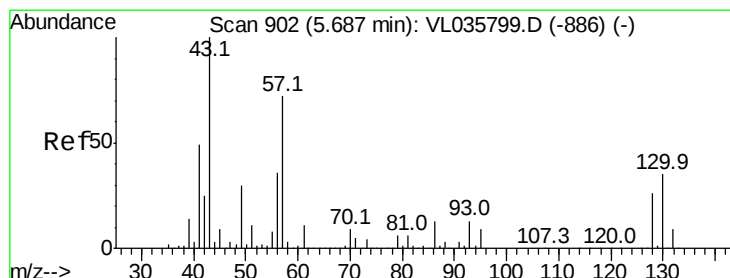
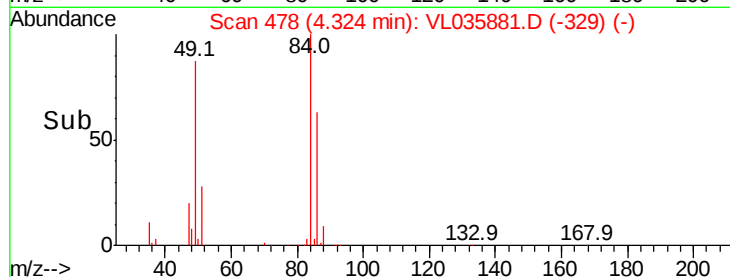
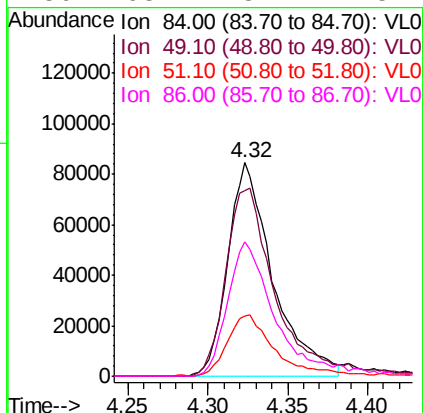
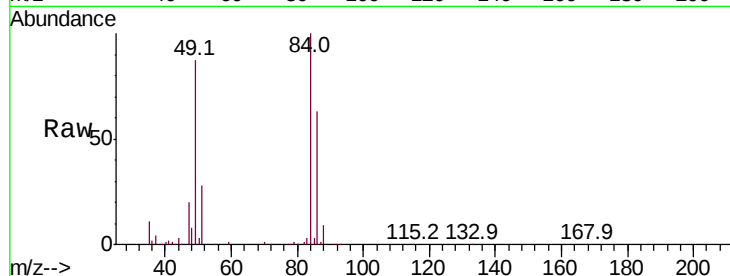




#20
Methylene Chloride
Concen: 1.884 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL035881.D
Acq: 6 Nov 2020 5:02

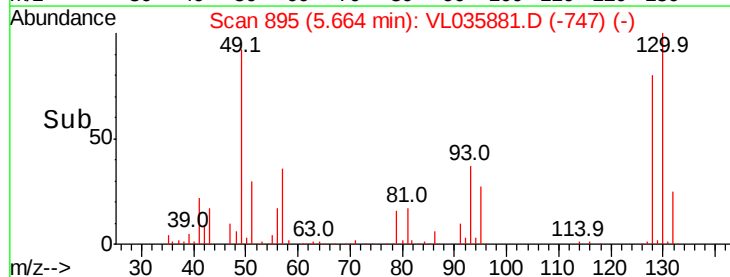
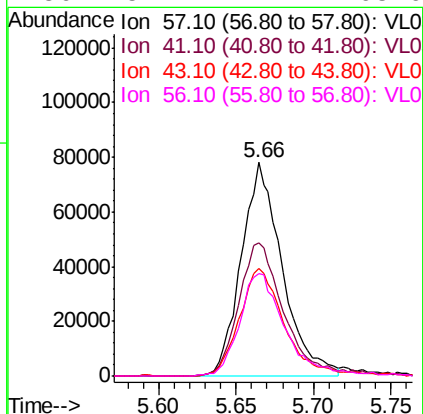
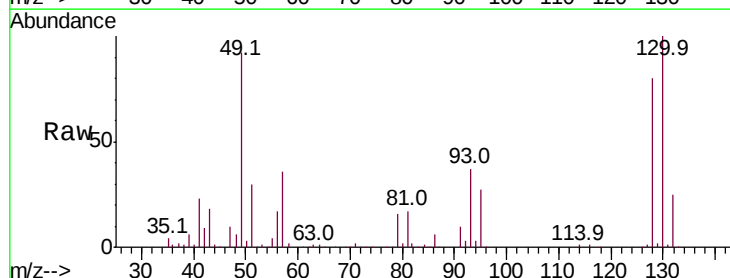
Instrument :
MSVOA_L
ClientSampleId :
SSSG-2

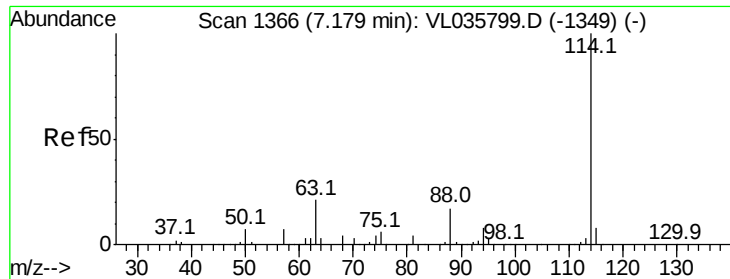
Tot Ion:	84	Resp:	162821
Ion	Ratio	Lower	Upper
84	100		
49	86.4	73.8	110.8
51	27.8	23.0	34.4
86	63.1	52.1	78.1



#26
Hexane
Concen: 1.078 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL035881.D
Acq: 6 Nov 2020 5:02

Tgt Ion:	57	Resp:	143827
Ion	Ratio	Lower	Upper
57	100		
41	70.2	58.9	88.3
43	56.2	150.2	225.2#
56	54.1	42.4	63.6

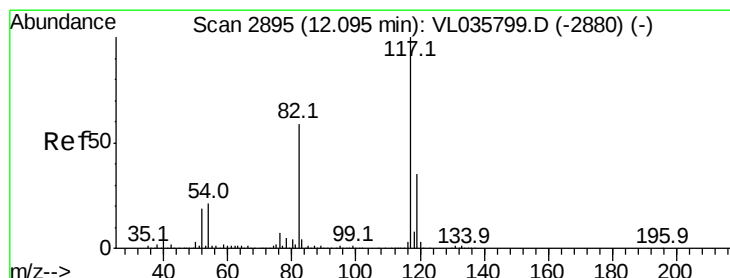
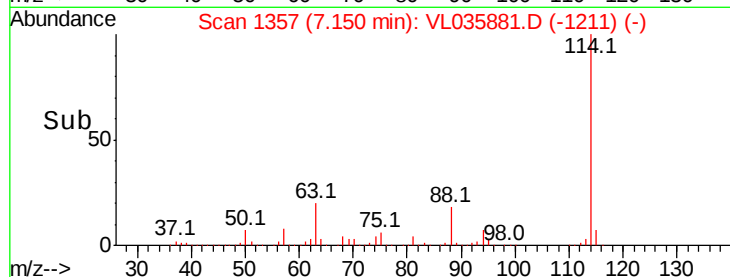
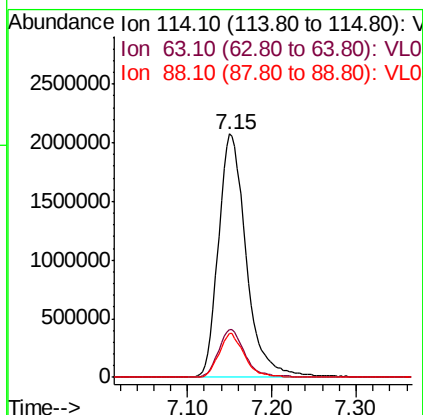
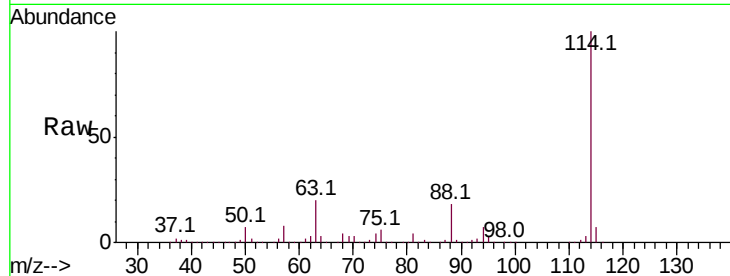




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1357
 Delta R.T. -0.03 min
 Lab File: VL035881.D
 Acq: 6 Nov 2020 5:02

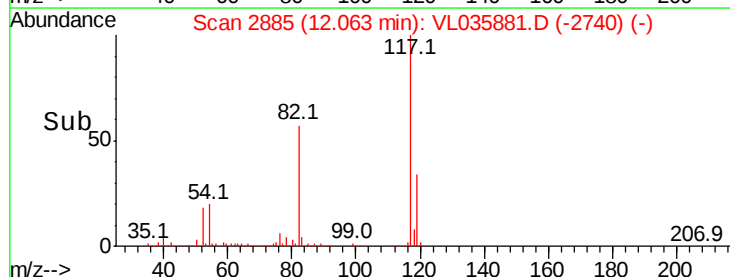
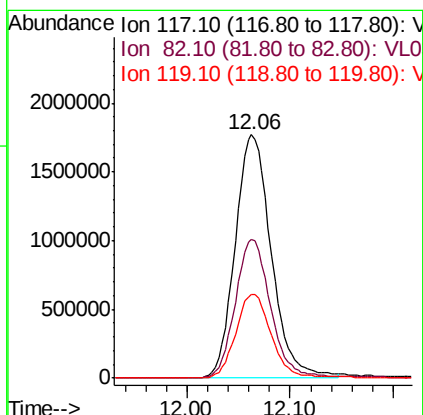
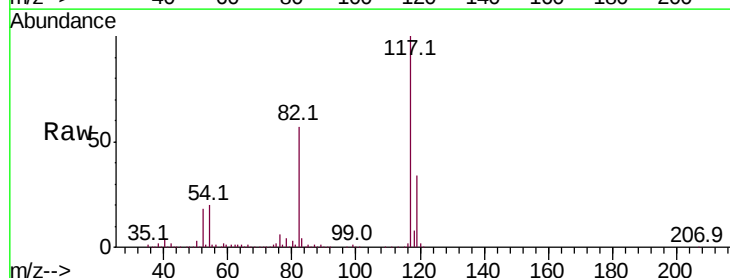
Instrument :
 MSVOA_L
 ClientSampled :
 SSSG-2

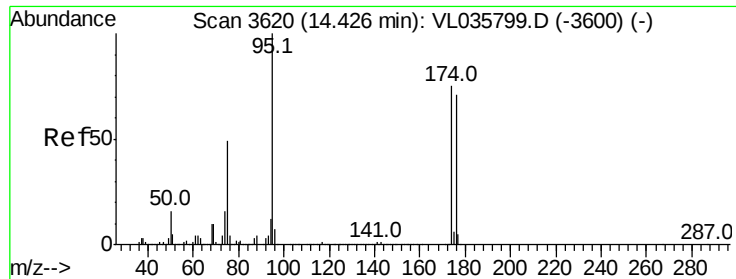
Tot Ion:114 Resp: 4747757
 Ion Ratio Lower Upper
 114 100
 63 18.9 16.1 24.1
 88 16.8 13.7 20.5



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2885
 Delta R.T. -0.03 min
 Lab File: VL035881.D
 Acq: 6 Nov 2020 5:02

Tgt Ion:117 Resp: 4319231
 Ion Ratio Lower Upper
 117 100
 82 57.0 50.6 76.0
 119 34.5 52.6 78.8#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.834 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.03 min

Lab File: VL035881.D

Acq: 6 Nov 2020 5:02

Instrument :

MSVOA_L

ClientSampleId :

SSSG-2

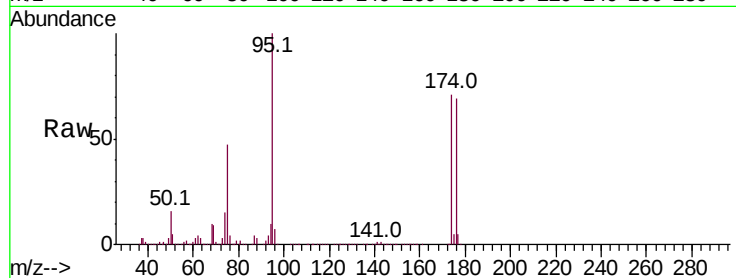
Tot Ion: 95 Resp: 3017828

Ion Ratio Lower Upper

95 100

174 76.3 59.8 89.6

175 5.2 4.3 6.5



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

