

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040621\
 Data File : VL036705.D
 Acq On : 6 Apr 2021 19:48
 Operator : SY/AP
 Sample : M1929-04DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FS-IA-04DL

Manual Integrations
 APPROVED

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 4/12/2021 11:11:02 AM

Quant Time: Apr 08 12:30:03 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1178192	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2851224	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2599127	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2014849	9.73	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.63	45	25014m	2.993	ppbv	
15) Acetone	3.86	43	205128	1.769	ppbv	93
19) Isopropyl Alcohol	4.00	45	94710m	1.485	ppbv	
20) Methylene Chloride	4.35	84	29132m	0.537	ppbv	
52) Tetrachloroethene	11.23	164	4435m	0.046	ppbv	
53) Toluene	9.81	91	293342	1.048	ppbv	99
59) m/p-Xylene	12.98	91	34732m	0.105	ppbv	

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

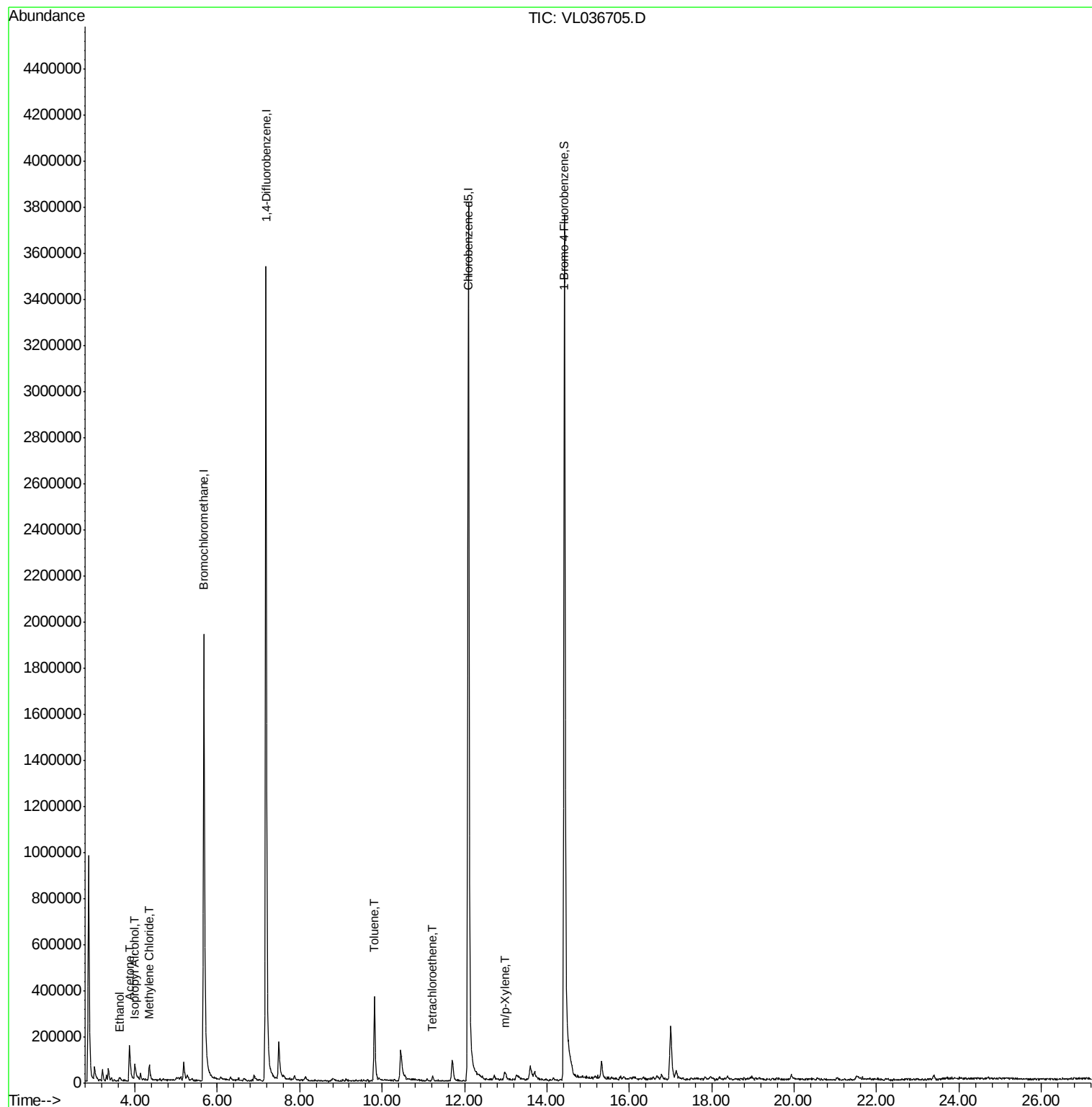
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040621\
Data File : VL036705.D
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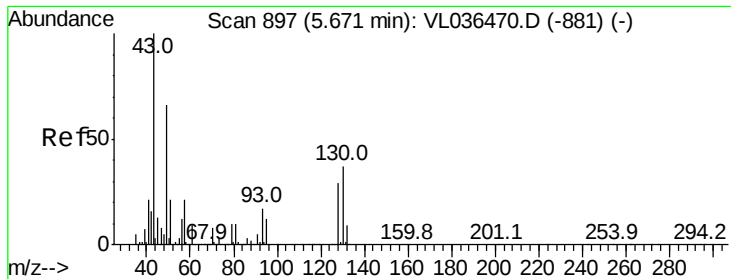
Instrument :
MSVOA_L
ClientSampleId :
FS-IA-04DL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.00 min

Lab File: VL036705.D

Acq: 6 Apr 2021 19:48

Instrument :

MSVOA_L

ClientSampleId :

FS-IA-04DL

Tot Ion: 49 Resp: 1178192

Ion Ratio Lower Upper

49 100

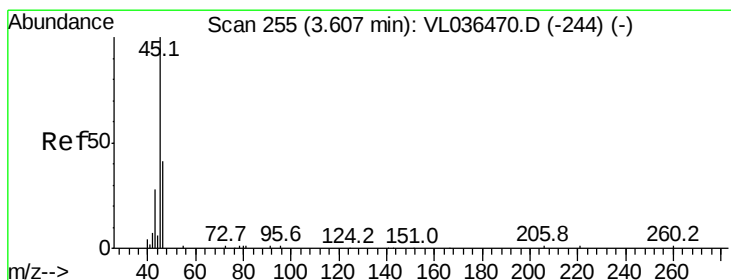
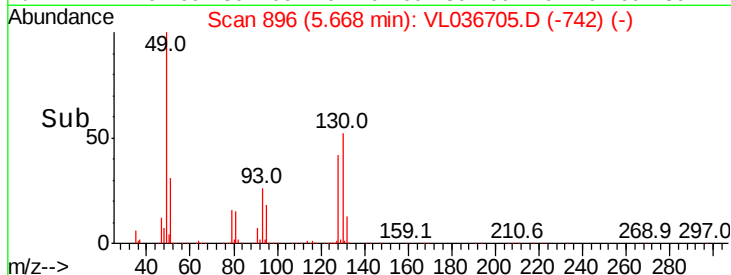
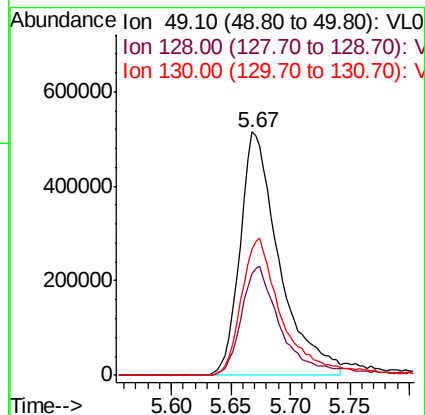
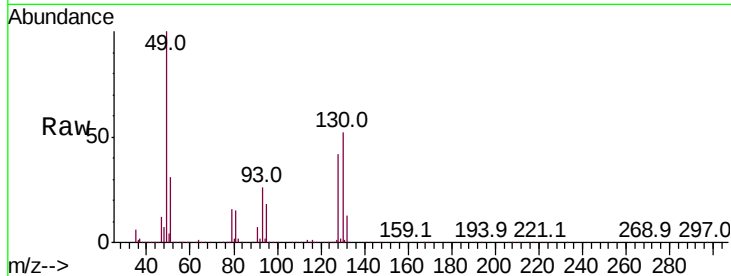
128 47.4 23.5 70.6

130 58.5 29.1 87.4

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#13

Ethanol

Concen: 2.993 ppbv m

RT: 3.63 min Scan# 261

Delta R.T. 0.02 min

Lab File: VL036705.D

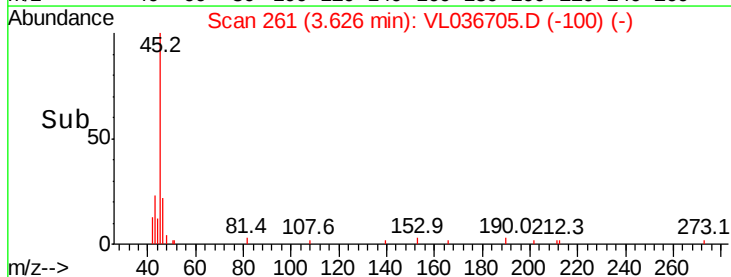
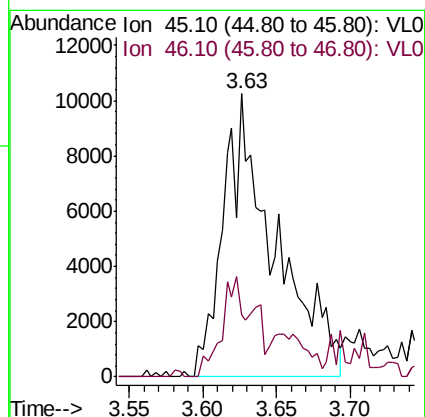
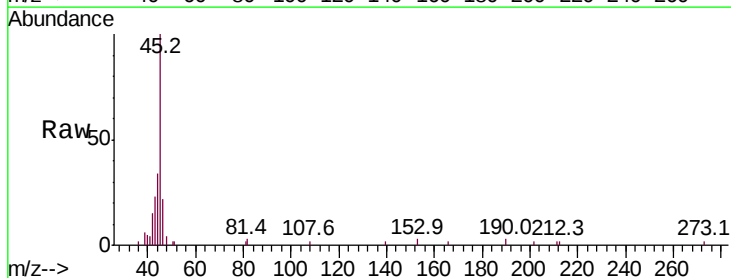
Acq: 6 Apr 2021 19:48

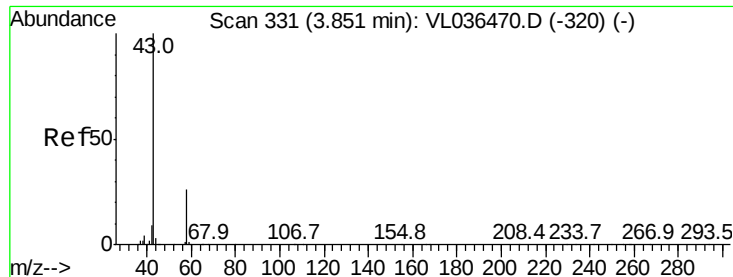
Tgt Ion: 45 Resp: 25014

Ion Ratio Lower Upper

45 100

46 0.0 16.6 66.2#





#15

Acetone

Concen: 1.769 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.01 min

Lab File: VL036705.D

Acq: 6 Apr 2021 19:48

Instrument :

MSVOA_L

ClientSampleId :

FS-IA-04DL

Tot Ion: 43 Resp: 205128

Ion Ratio Lower Upper

43 100

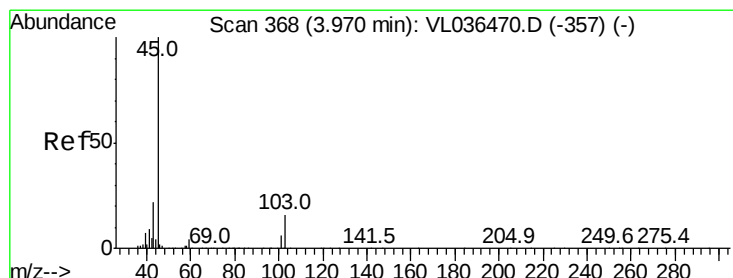
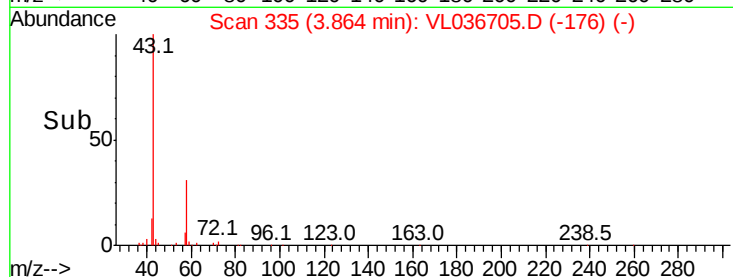
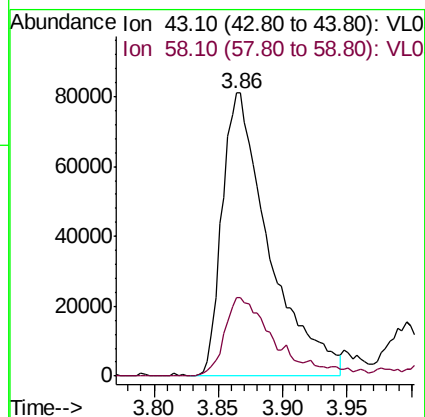
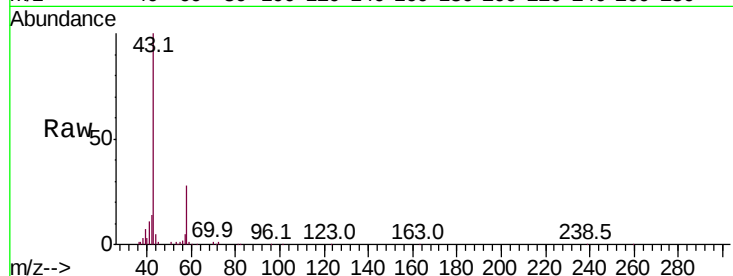
58 30.2 21.2 31.8

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#19

Isopropyl Alcohol

Concen: 1.485 ppbv m

RT: 4.00 min Scan# 376

Delta R.T. 0.03 min

Lab File: VL036705.D

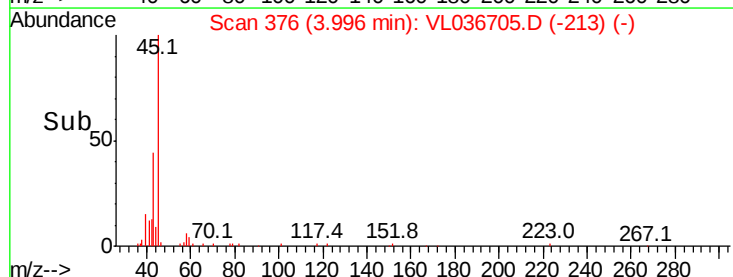
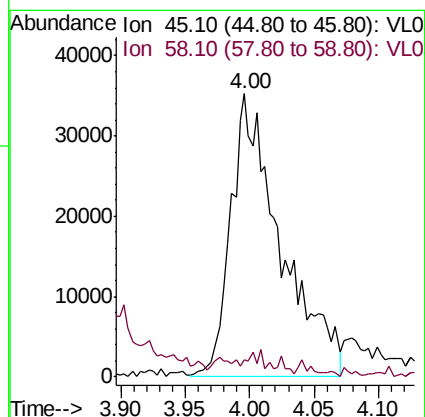
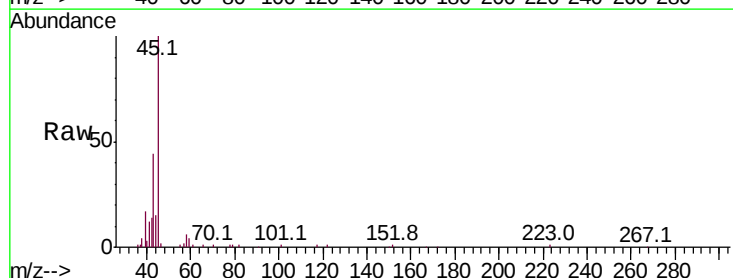
Acq: 6 Apr 2021 19:48

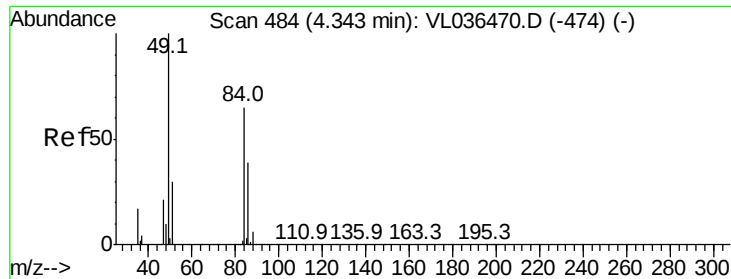
Tgt Ion: 45 Resp: 94710

Ion Ratio Lower Upper

45 100

58 0.0 2.9 4.3#





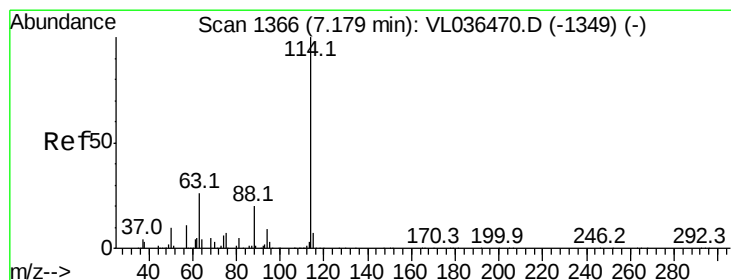
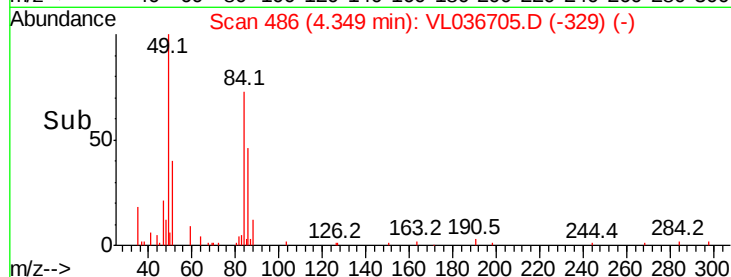
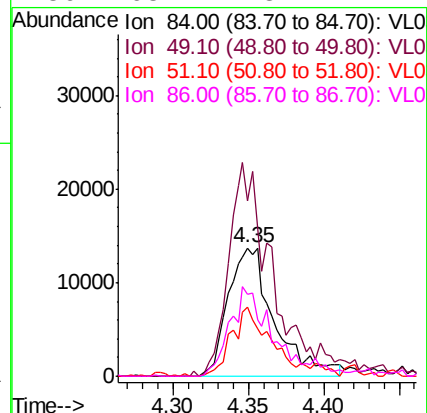
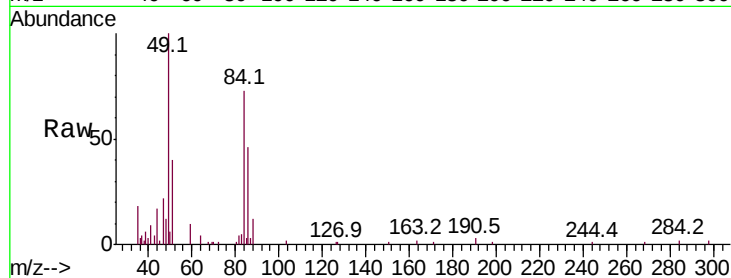
#20
Methylene Chloride
Concen: 0.537 ppbv m
RT: 4.35 min Scan# 486
Delta R.T. 0.01 min
Lab File: VL036705.D
Acq: 6 Apr 2021 19:48

Instrument :
MSVOA_L
ClientSampleId :
FS-IA-04DL

Tot Ion:	84	Resp:	29132
Ion	Ratio	Lower	Upper
84	100		
49	137.1	122.9	184.3
51	54.3	36.9	55.3
86	63.7	48.2	72.4

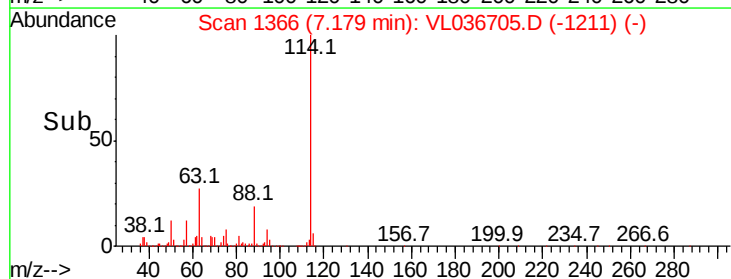
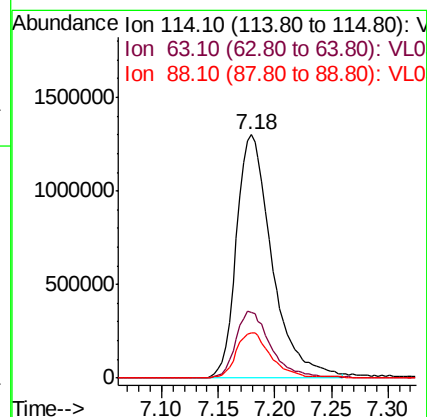
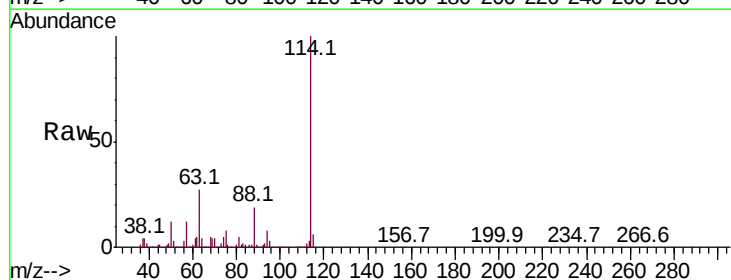
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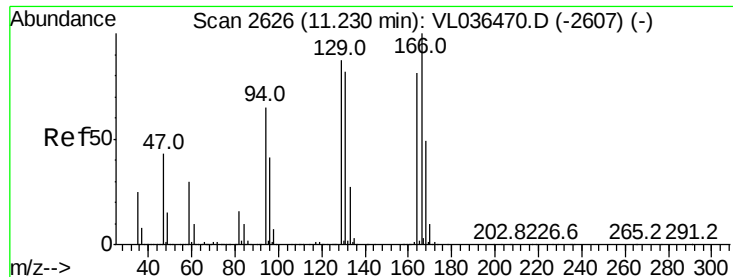
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.00 min
Lab File: VL036705.D
Acq: 6 Apr 2021 19:48

Tgt Ion:	114	Resp:	2851224
Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.4	33.6
88	19.0	15.4	23.0





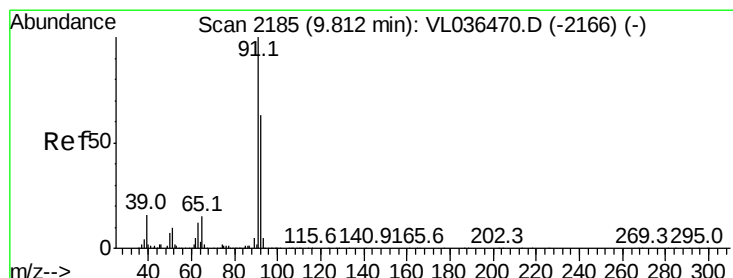
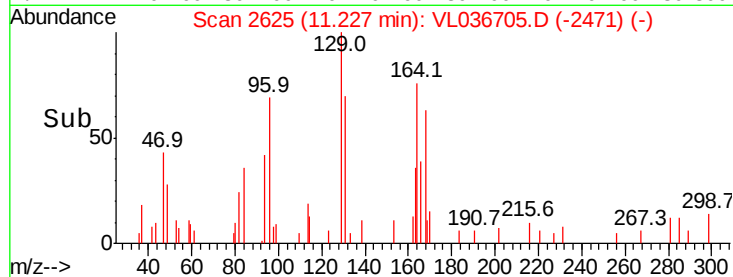
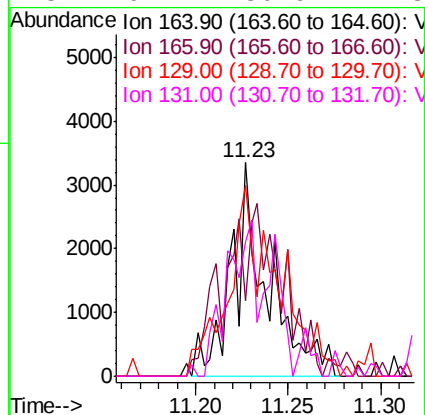
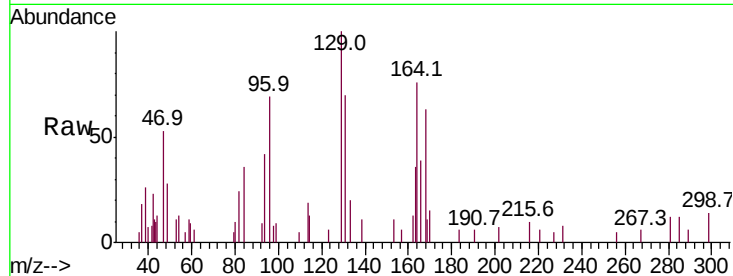
#52
Tetrachloroethene
Concen: 0.046 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. -0.00 min
Lab File: VL036705.D
Acq: 6 Apr 2021 19:48

Instrument :
MSVOA_L
ClientSampleId :
FS-IA-04DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	51.5	98.3	147.5#
129	131.3	85.8	128.8#
131	92.1	80.9	121.3

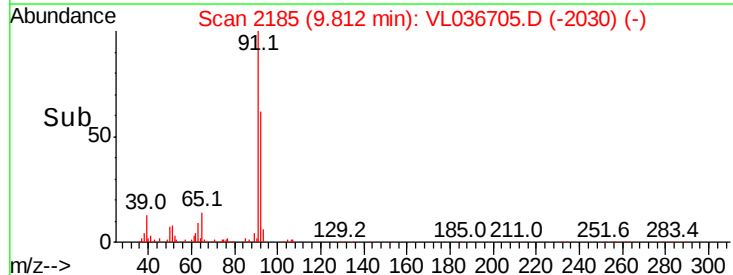
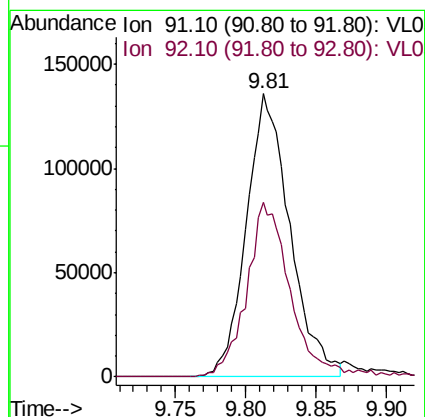
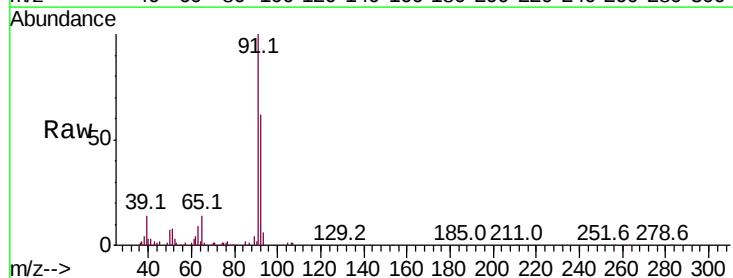
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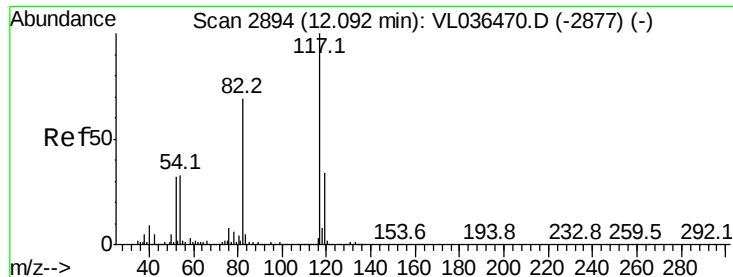
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#53
Toluene
Concen: 1.048 ppbv
RT: 9.81 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VL036705.D
Acq: 6 Apr 2021 19:48

Tgt Ion	Ratio	Lower	Upper
91	100		
92	62.1	48.8	73.2





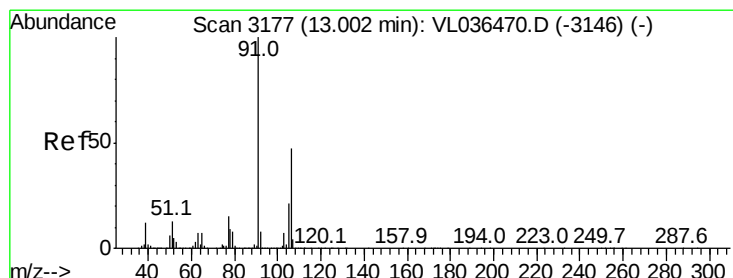
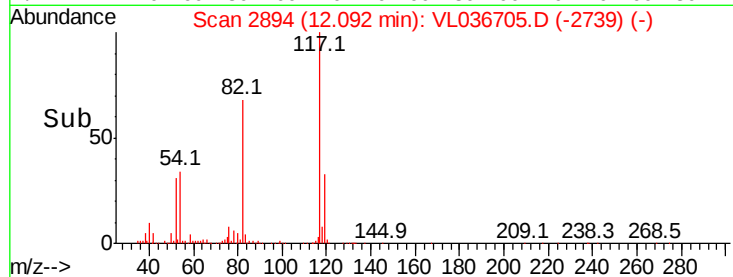
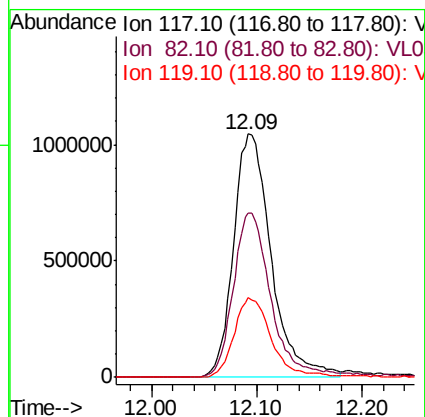
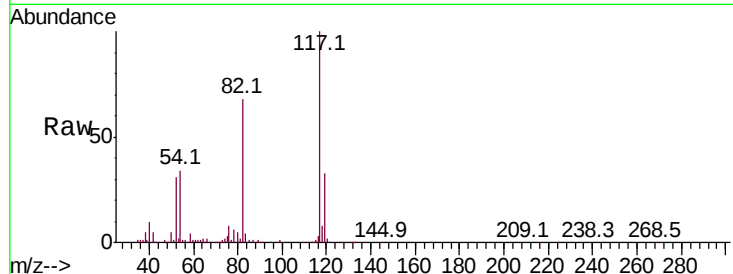
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL036705.D
Acq: 6 Apr 2021 19:48

Instrument :
MSVOA_L
ClientSampleId :
FS-IA-04DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	69.2	57.4	86.0
119	32.9	47.4	71.0#

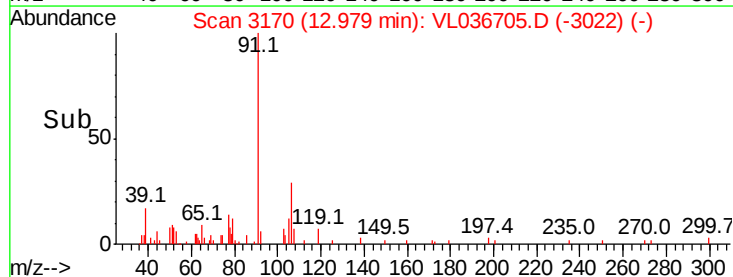
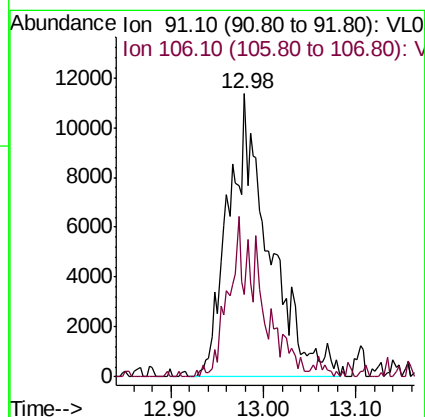
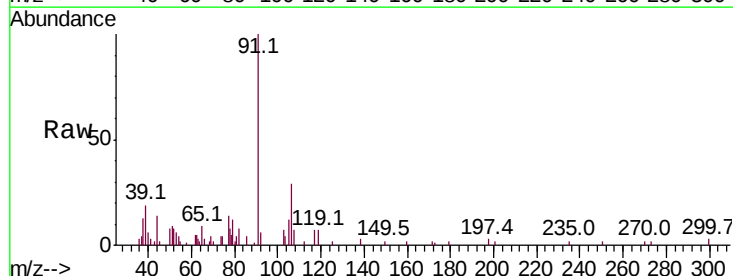
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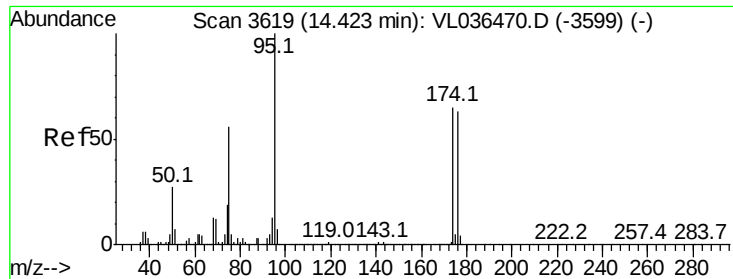
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#59
m/p-Xylene
Concen: 0.105 ppbv m
RT: 12.98 min Scan# 3170
Delta R.T. -0.02 min
Lab File: VL036705.D
Acq: 6 Apr 2021 19:48

Tgt Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.3	52.9#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.726 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. -0.00 min

Lab File: VL036705.D

Acq: 6 Apr 2021 19:48

Instrument :

MSVOA_L

ClientSampleId :

FS-IA-04DL

Tot Ion: 95 Resp: 2014849

Ion Ratio Lower Upper

95 100

174 66.1 51.0 76.6

175 4.6 3.9 5.9

Manual Integrations
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