

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111620\
 Data File : VL035965.D
 Acq On : 17 Nov 2020 5:01
 Operator : SY/AP
 Sample : L4773-02 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
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Quant Time: Nov 17 22:34:40 2020
 Quant Title :
 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	5.67	49	1200208	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4465320	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4474518	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3414715	10.74	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.40%

Target Compounds

						Ovalue
9) Propene	3.01	41	15730	0.299	ppbv	88
13) Ethanol	3.61	45	86594m	7.588	ppbv	
15) Acetone	3.85	43	927788	7.231	ppbv	96
19) Isopropyl Alcohol	3.98	45	35864	0.455	ppbv #	90
26) Hexane	5.69	57	234652	1.683	ppbv #	46
29) Chloroform	5.75	83	203140	0.741	ppbv	98
31) cis-1,2-Dichloroethene	5.54	61	30434m	0.212	ppbv	
38) Trichloroethene	7.84	130	563747	3.477	ppbv	95
52) Tetrachloroethene	11.23	164	9543133m	60.678	ppbv	
60) o-Xylene	13.70	91	54667m	0.122	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.68	83	28919m	0.083	ppbv	

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

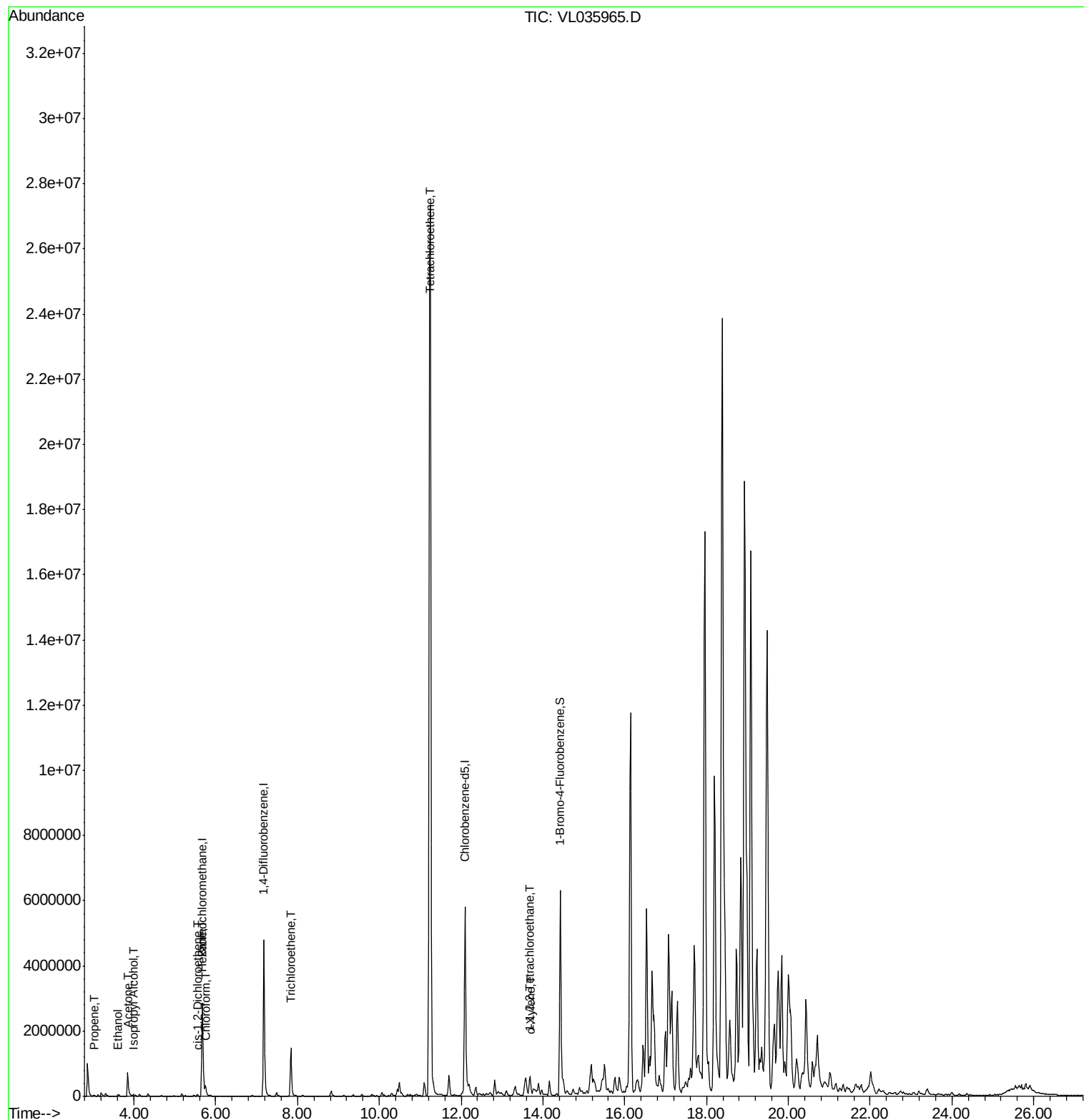
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Data File : VL035965.D
Acq On : 17 Nov 2020 5:01
Operator : SY/AP
Sample : L4773-02 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

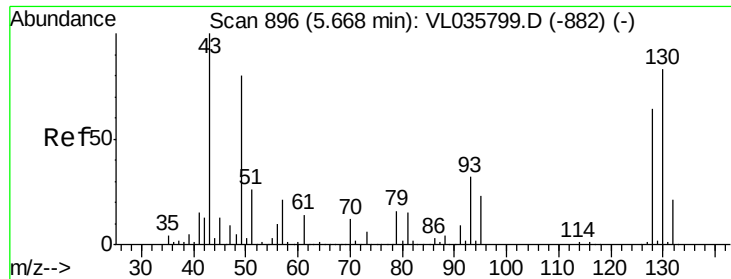
Instrument :
MSVOA_L
ClientSampleId :
SV2

Quant Time: Nov 17 22:34:40 2020
Quant Title :
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.00 min

Lab File: VL035965.D

Acq: 17 Nov 2020 5:01

Instrument :

MSVOA_L

ClientSampled :

SV2

Tot Ion: 49 Resp: 1200208

Ion Ratio Lower Upper

49 100

128 82.0 41.5 124.6

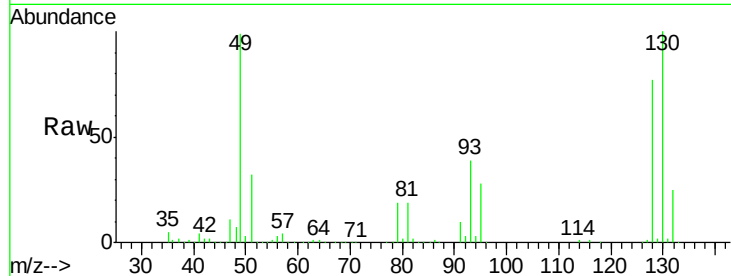
130 105.0 53.7 161.1

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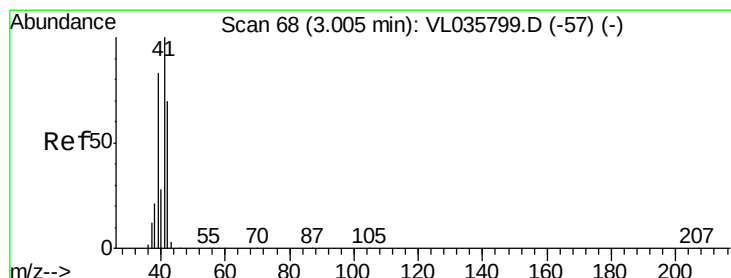
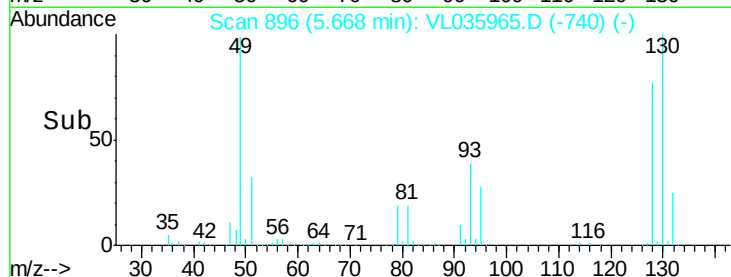
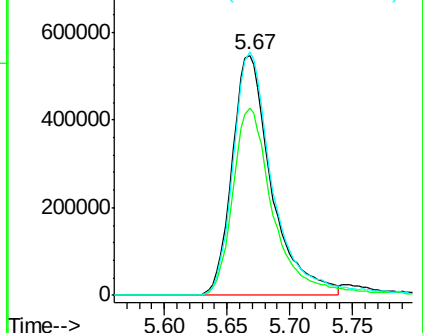
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.299 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VL035965.D

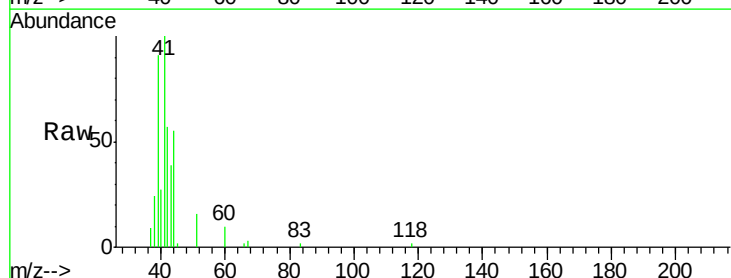
Acq: 17 Nov 2020 5:01

Tgt Ion: 41 Resp: 15730

Ion Ratio Lower Upper

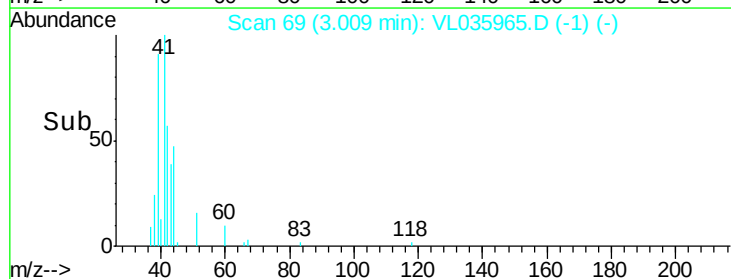
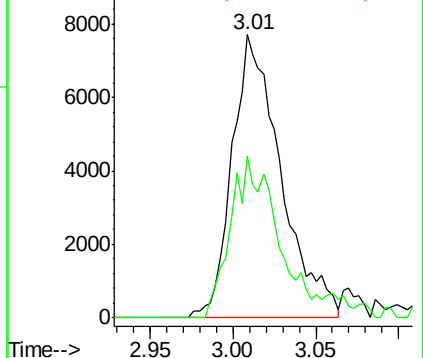
41 100

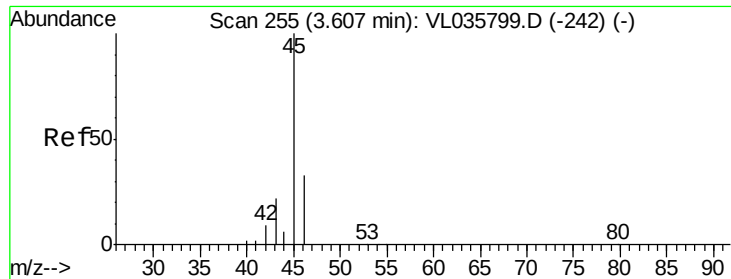
42 60.8 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





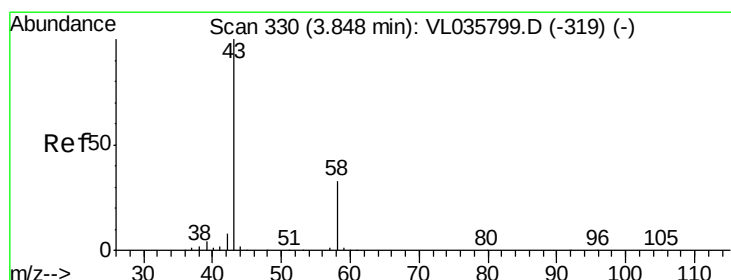
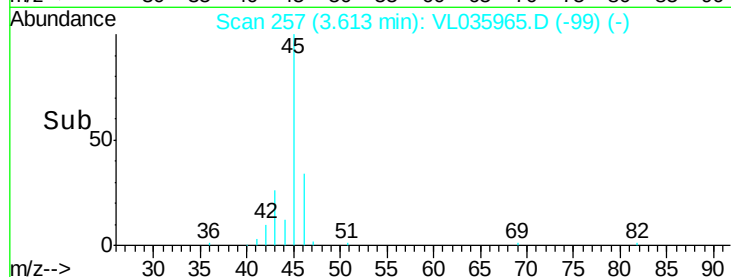
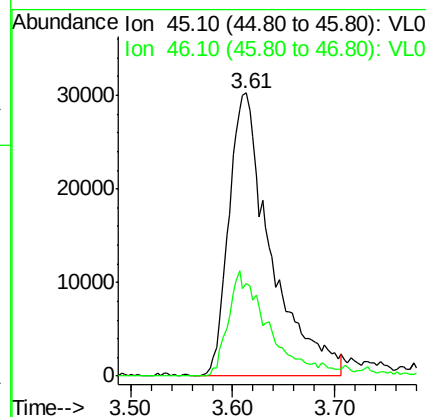
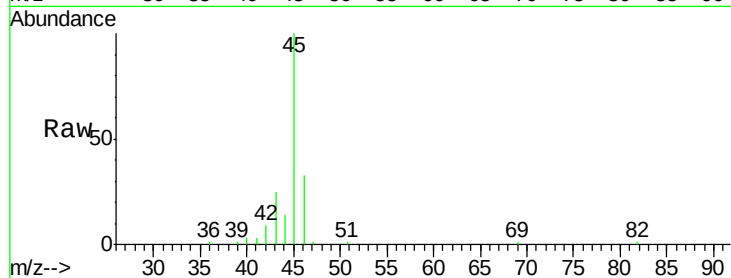
#13
Ethanol
Concen: 7.588 ppbv m
RT: 3.61 min Scan# 257
Delta R.T. 0.01 min
Lab File: VL035965.D
Acq: 17 Nov 2020 5:01

Instrument :
MSVOA_L
ClientSampled :
SV2

Tot Ion: 45 Resp: 86594
Ion Ratio Lower Upper
45 100
46 35.6 16.1 64.5

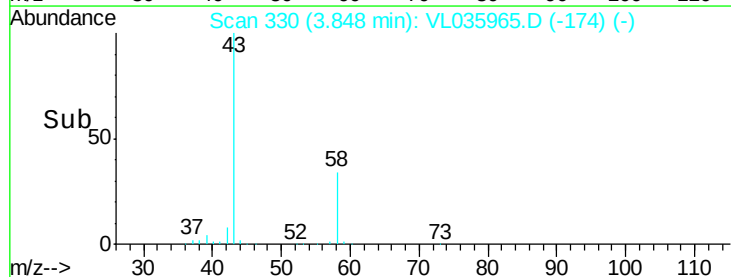
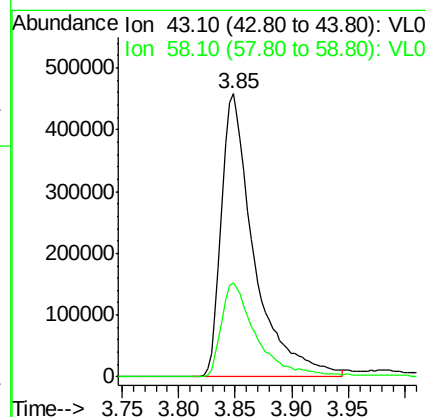
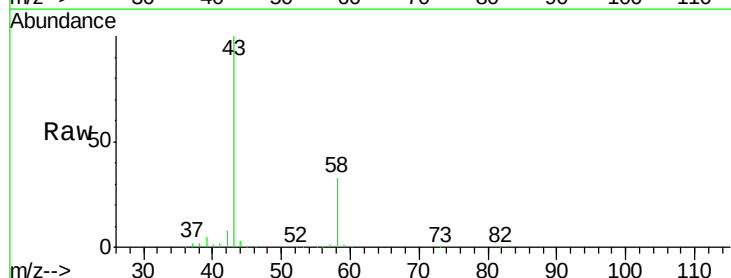
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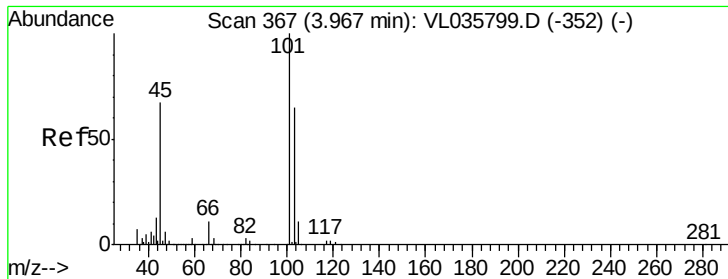
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#15
Acetone
Concen: 7.231 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.00 min
Lab File: VL035965.D
Acq: 17 Nov 2020 5:01

Tgt Ion: 43 Resp: 927788
Ion Ratio Lower Upper
43 100
58 36.9 27.5 41.3





#19

Isopropyl Alcohol

Concen: 0.455 ppbv

RT: 3.98 min Scan# 372

Delta R.T. 0.02 min

Lab File: VL035965.D

Acq: 17 Nov 2020 5:01

Instrument :

MSVOA_L

ClientSampleId :

SV2

Tot Ion: 45 Resp: 35864
Ion Ratio Lower Upper

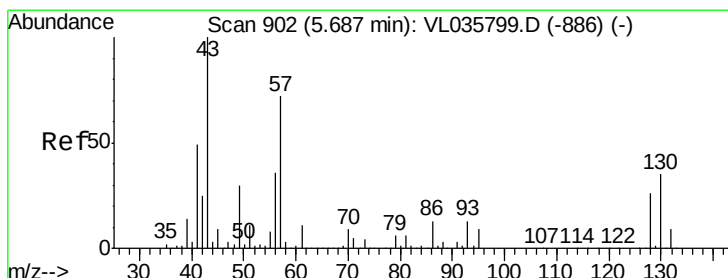
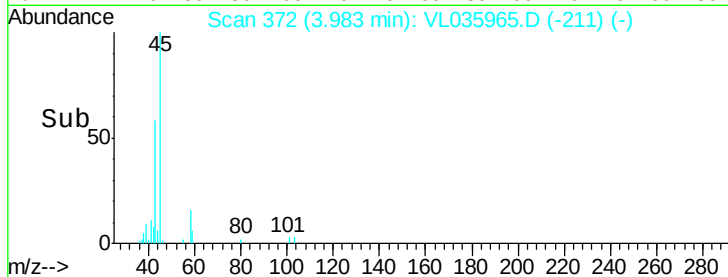
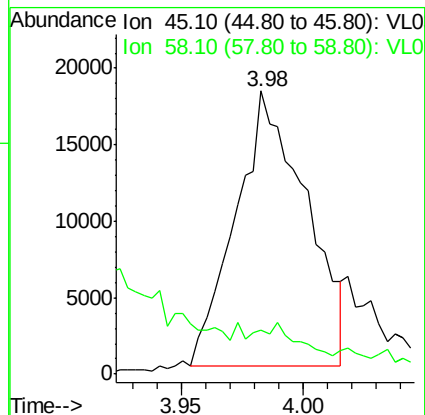
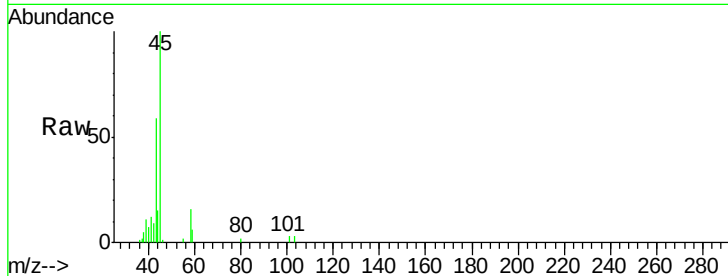
45 100

58 0.0 2.6 3.8#

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#26

Hexane

Concen: 1.683 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.00 min

Lab File: VL035965.D

Acq: 17 Nov 2020 5:01

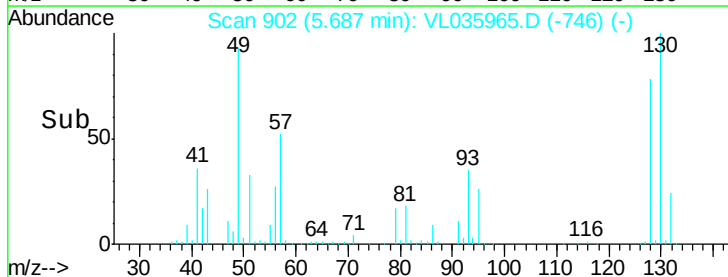
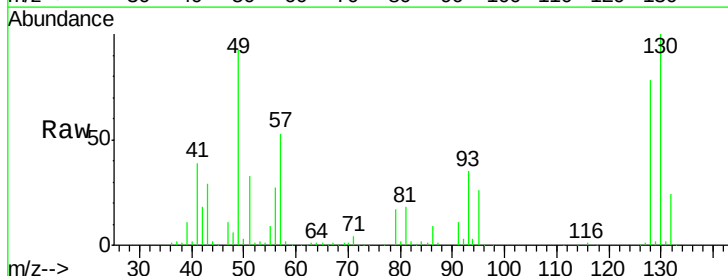
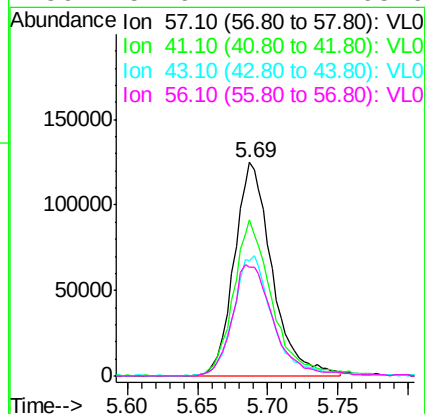
Tgt Ion: 57 Resp: 234652
Ion Ratio Lower Upper

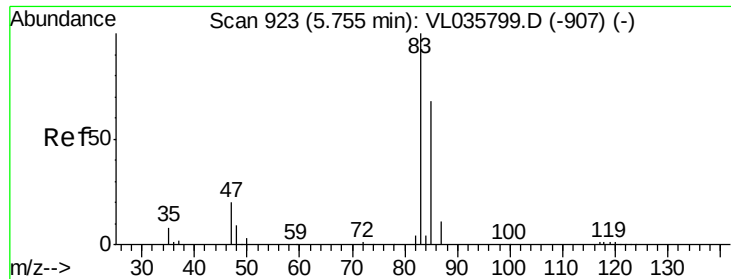
57 100

41 76.1 58.9 88.3

43 59.5 150.2 225.2#

56 57.6 42.4 63.6





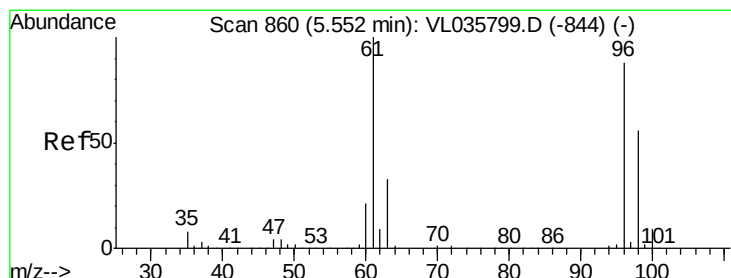
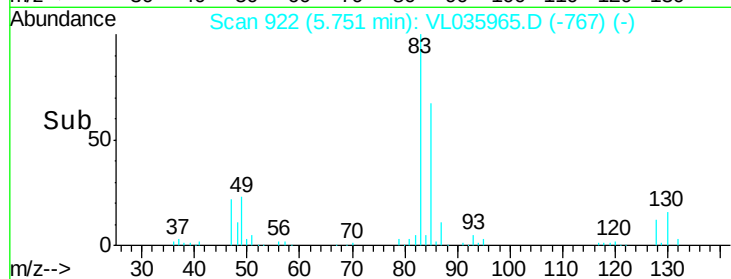
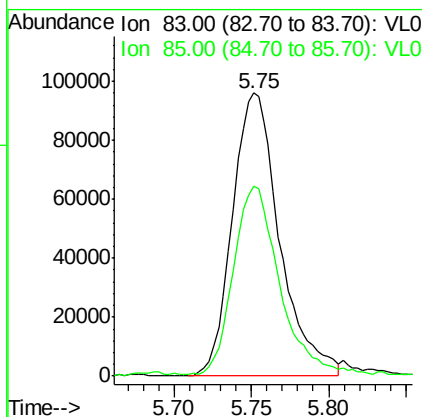
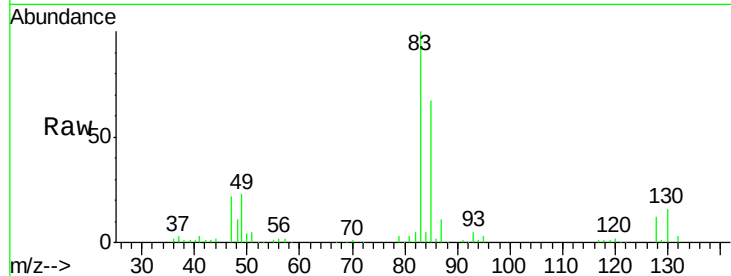
#29
Chloroform
Concen: 0.741 ppbv
RT: 5.75 min Scan# 922
Delta R.T. -0.00 min
Lab File: VL035965.D
Acq: 17 Nov 2020 5:01

Instrument :
MSVOA_L
ClientSampled :
SV2

Tot Ion	83	85	Ratio	Lower	Upper
203140	100	66.5		54.6	81.8

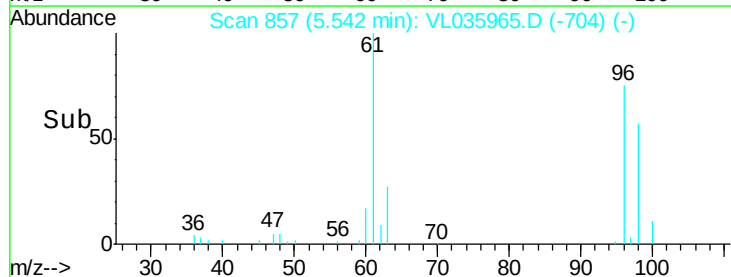
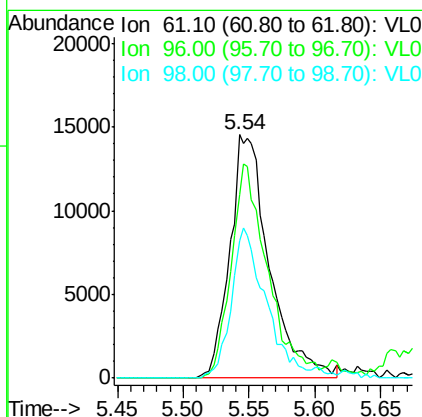
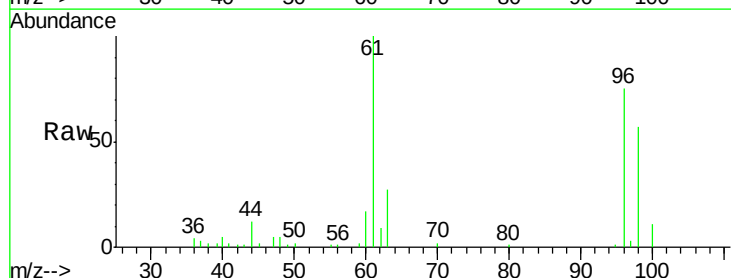
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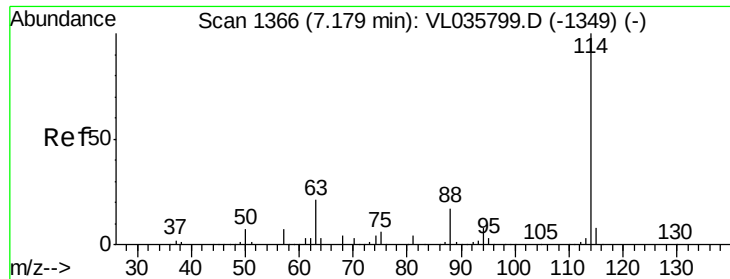
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#31
cis-1,2-Dichloroethene
Concen: 0.212 ppbv m
RT: 5.54 min Scan# 857
Delta R.T. -0.01 min
Lab File: VL035965.D
Acq: 17 Nov 2020 5:01

Tgt Ion	61	96	98	Ratio	Lower	Upper
30434	100	75.1	56.7		70.3	105.5
					45.0	67.6





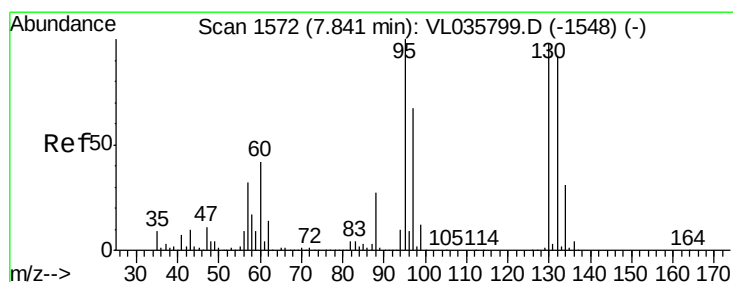
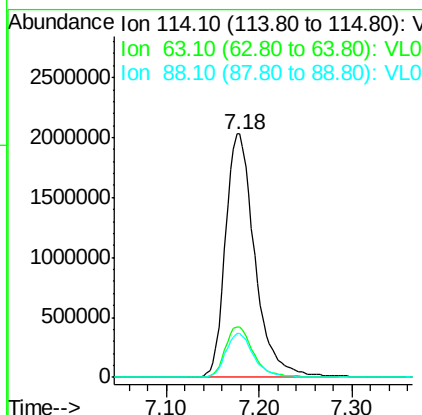
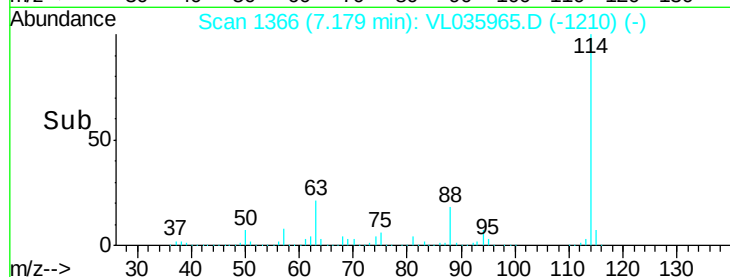
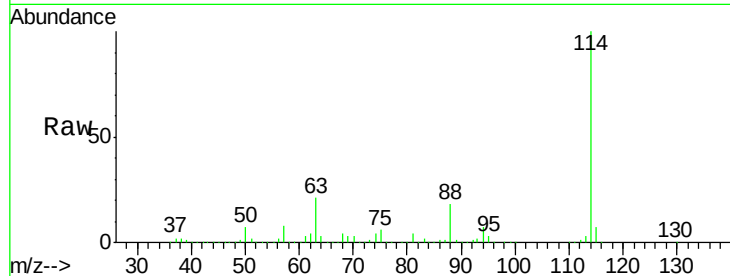
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: VL035965.D
 Acq: 17 Nov 2020 5:01

Instrument :
 MSVOA_L
 ClientSampled :
 SV2

Tot Ion:114 Resp: 4465320
 Ion Ratio Lower Upper
 114 100
 63 20.3 16.1 24.1
 88 17.3 13.7 20.5

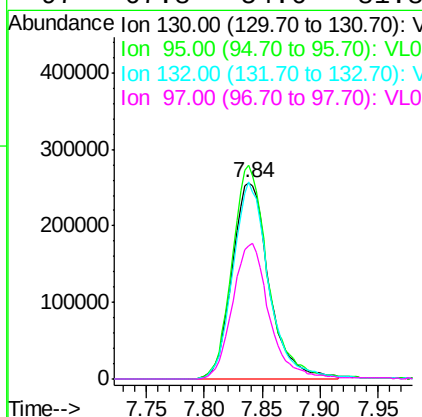
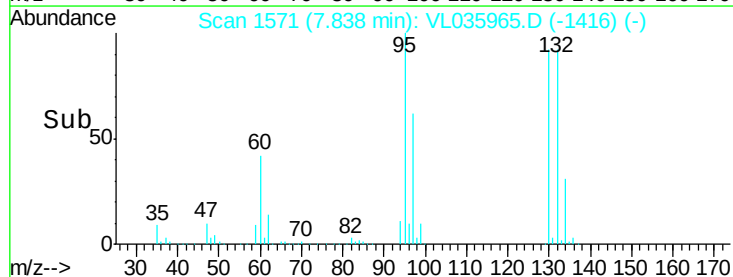
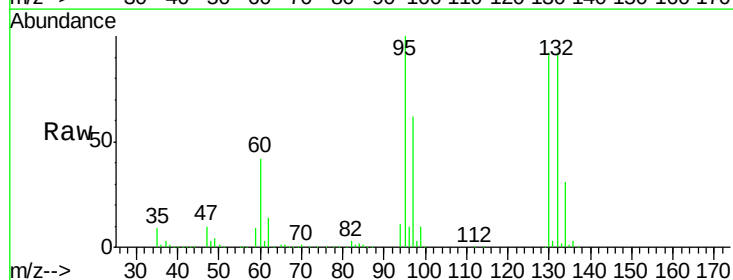
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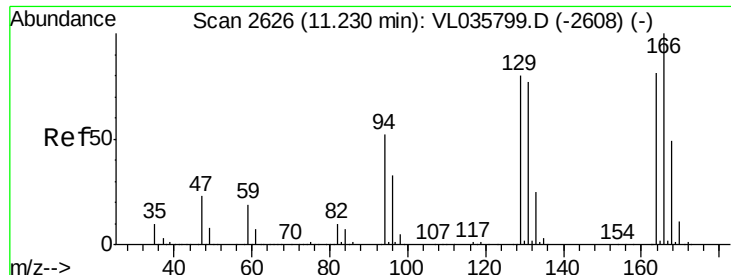
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#38
 Trichloroethene
 Concen: 3.477 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VL035965.D
 Acq: 17 Nov 2020 5:01

Tgt Ion:130 Resp: 563747
 Ion Ratio Lower Upper
 130 100
 95 108.8 81.6 122.4
 132 100.3 75.1 112.7
 97 67.8 54.6 81.8





#52

Tetrachloroethene

Concen: 60.678 ppbv m

RT: 11.23 min Scan# 2627

Delta R.T. 0.00 min

Lab File: VL035965.D

Acq: 17 Nov 2020 5:01

Instrument :

MSVOA_L

ClientSampled :

SV2

Tot Ion:164 Resp: 9543133

Ion Ratio Lower Upper

164 100

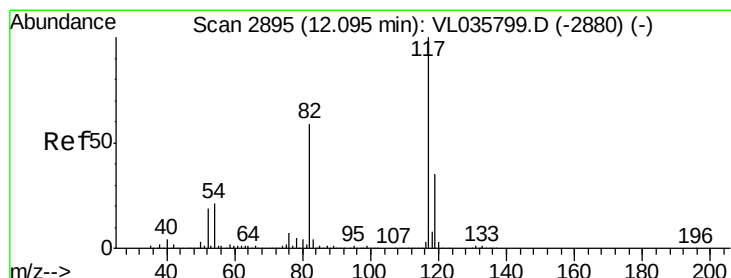
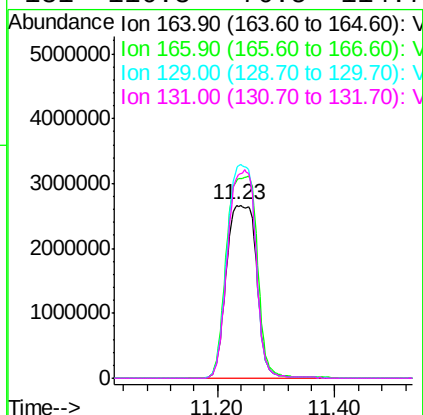
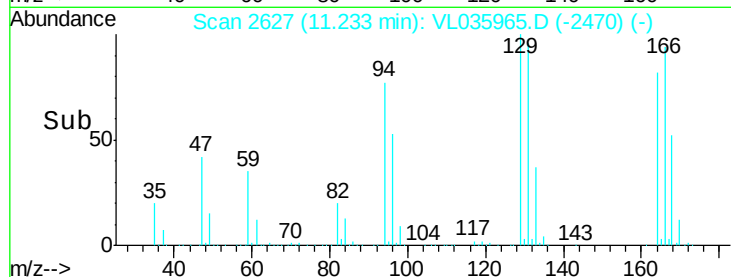
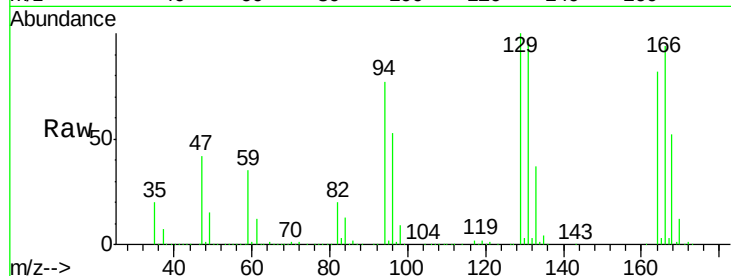
166 114.4 99.3 148.9

129 121.6 79.3 118.9#

131 116.3 76.5 114.7#

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2896

Delta R.T. 0.00 min

Lab File: VL035965.D

Acq: 17 Nov 2020 5:01

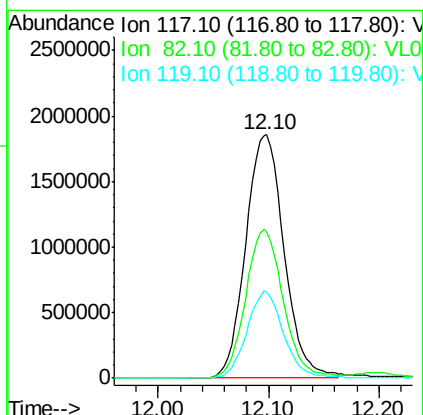
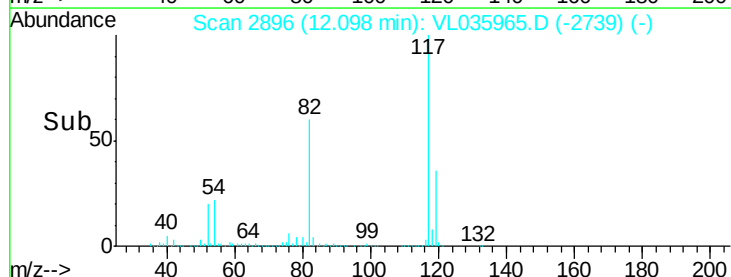
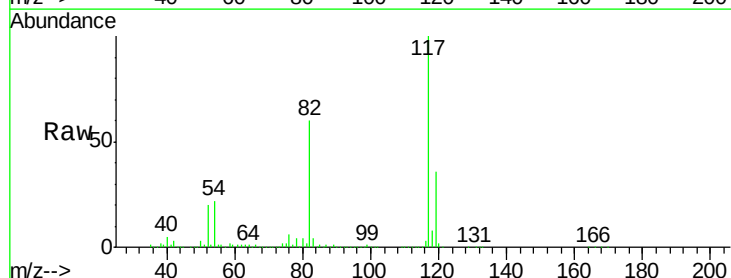
Tgt Ion:117 Resp: 4474518

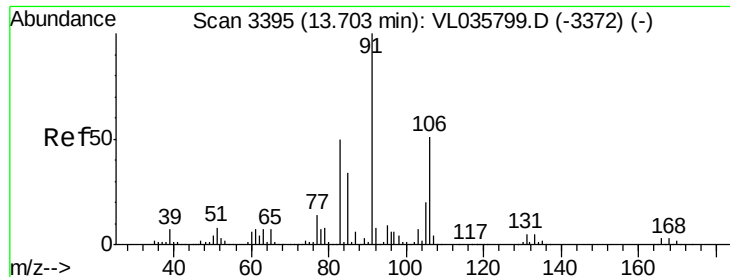
Ion Ratio Lower Upper

117 100

82 59.9 50.6 76.0

119 34.7 52.6 78.8#





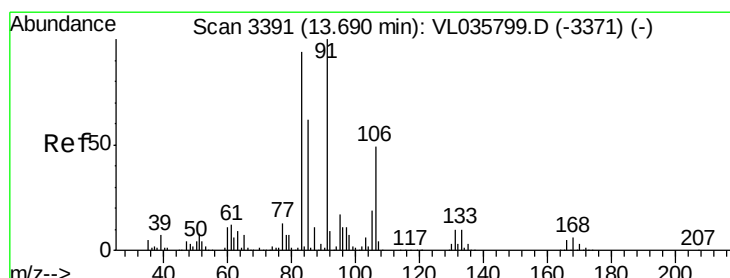
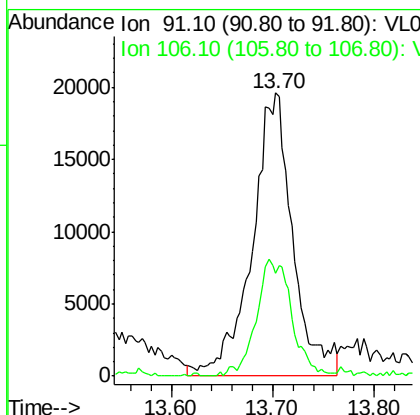
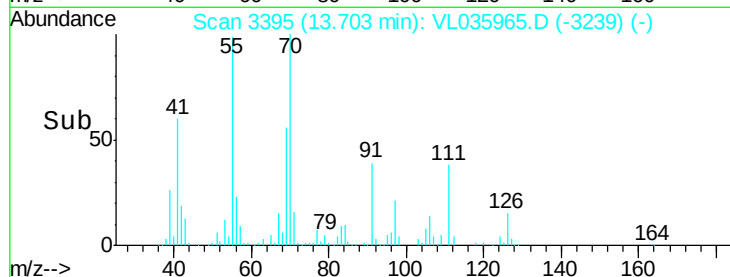
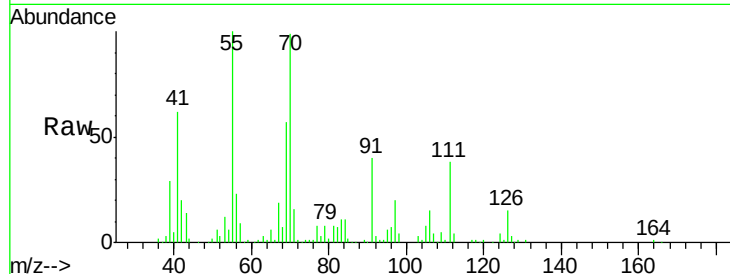
#60
o-Xylene
Concen: 0.122 ppbv m
RT: 13.70 min Scan# 3395
Delta R.T. 0.00 min
Lab File: VL035965.D
Acq: 17 Nov 2020 5:01

Instrument :
MSVOA_L
ClientSampled :
SV2

Tot Ion: 91 Resp: 54667
Ion Ratio Lower Upper
91 100
106 1.1 24.8 74.4#

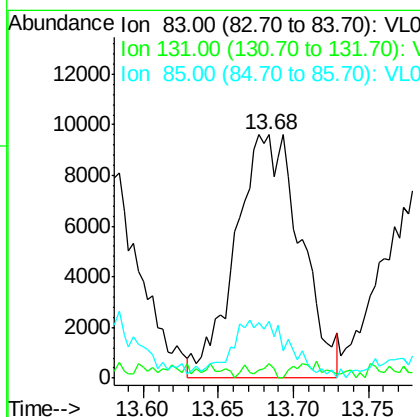
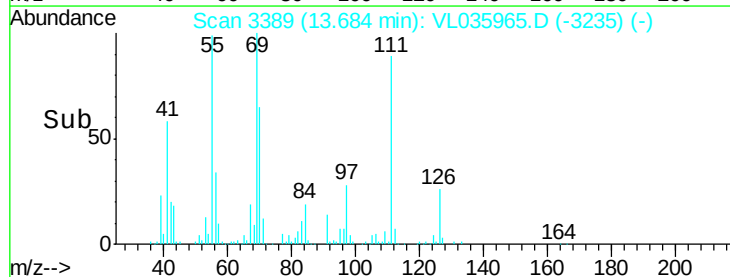
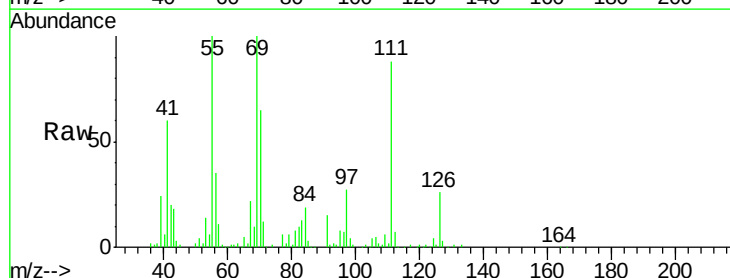
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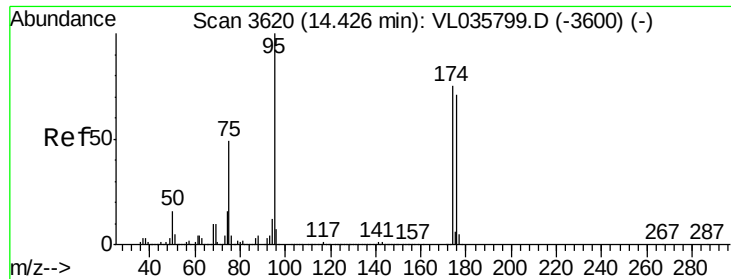
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#63
1,1,2,2-Tetrachloroethane
Concen: 0.083 ppbv m
RT: 13.68 min Scan# 3389
Delta R.T. -0.01 min
Lab File: VL035965.D
Acq: 17 Nov 2020 5:01

Tgt Ion: 83 Resp: 28919
Ion Ratio Lower Upper
83 100
131 4.4 5.3 15.8#
85 24.6 33.5 100.4#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.741 ppbv
 RT: 14.43 min Scan# 3620
 Delta R.T. 0.00 min
 Lab File: VL035965.D
 Acq: 17 Nov 2020 5:01

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Tot Ion	Ratio	Lower	Upper
95	100		
174	70.9	59.8	89.6
175	5.0	4.3	6.5

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