

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111620\
 Data File : VL035966.D
 Acq On : 17 Nov 2020 5:38
 Operator : SY/AP
 Sample : L4773-02DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

MMDadoda
 11/18/2020 9:08:41 AM

Quant Time: Nov 17 22:36:40 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	1211491	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4760897	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4577864	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3378586	10.39	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.90%
Target Compounds						
13) Ethanol	3.62	45	26521m	2.302	ppbv	Ovalue
15) Acetone	3.85	43	276073	2.132	ppbv	# 87
29) Chloroform	5.75	83	57149	0.207	ppbv	84
38) Trichloroethene	7.84	130	148612	0.860	ppbv	98
52) Tetrachloroethene	11.23	164	4618245	27.541	ppbv	93

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

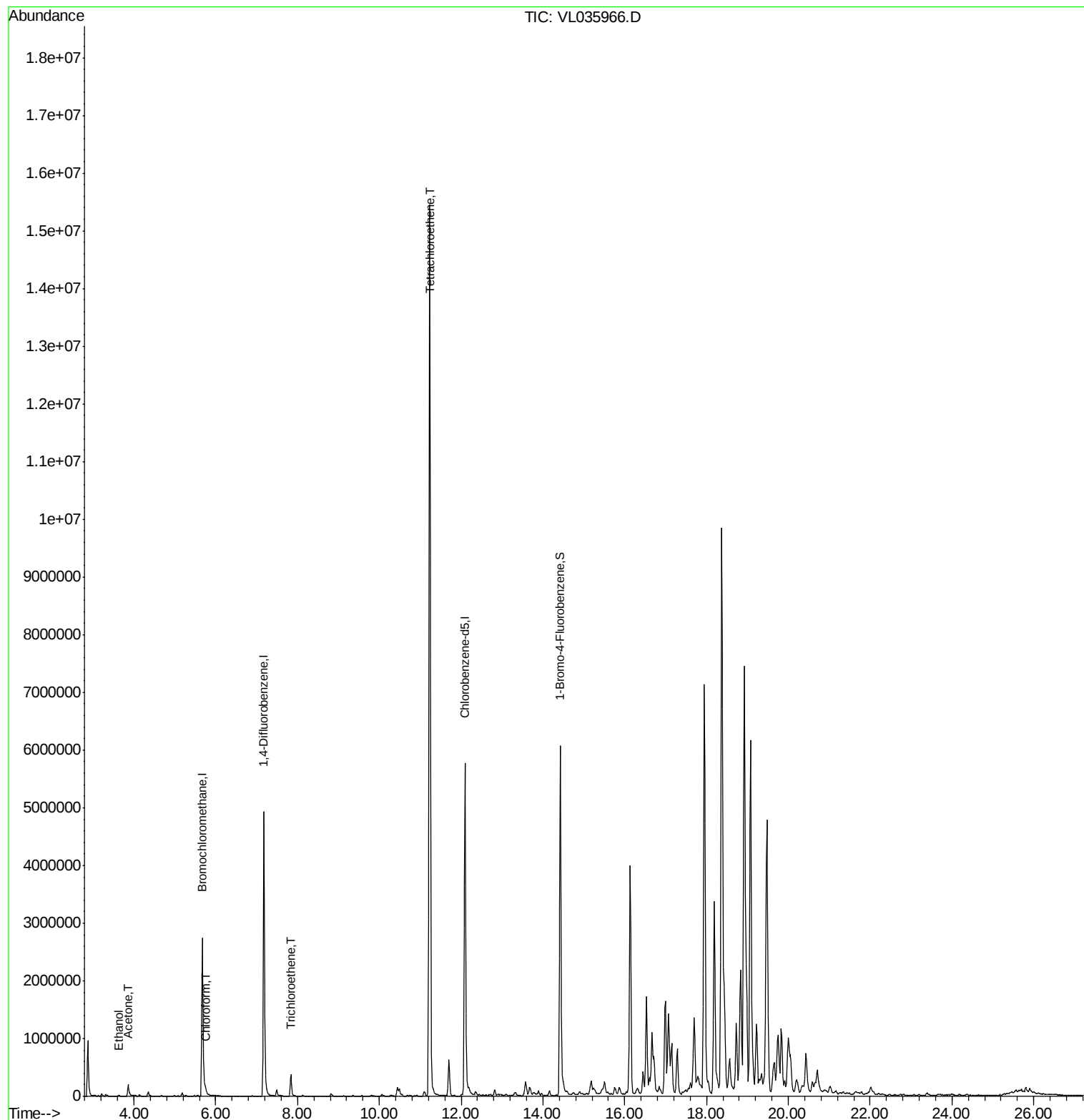
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111620\
Data File : VL035966.D
Acq On : 17 Nov 2020 5:38
Operator : SY/AP
Sample : L4773-02DL 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

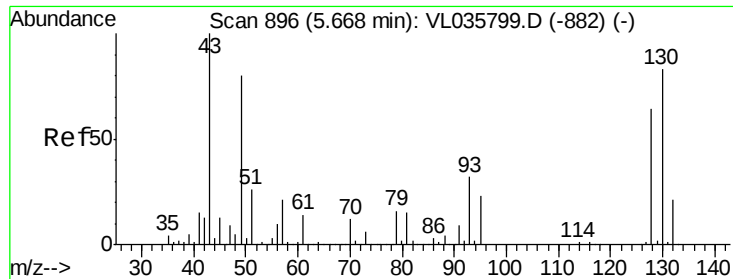
Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Quant Time: Nov 17 22:36:40 2020
Quant Title :
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
11/18/2020 9:08:41 AM





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.00 min

Lab File: VL035966.D

Acq: 17 Nov 2020 5:38

Instrument :

MSVOA_L

ClientSampled :

SV2DL

Tot Ion: 49 Resp: 1211491

Ion Ratio Lower Upper

49 100

128 84.3 41.5 124.6

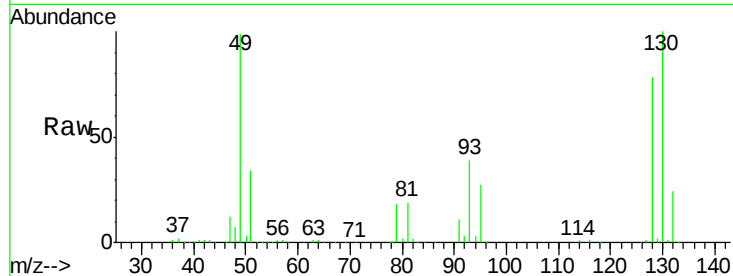
130 106.6 53.7 161.1

Manual Integrations

APPROVED

MMDadoda

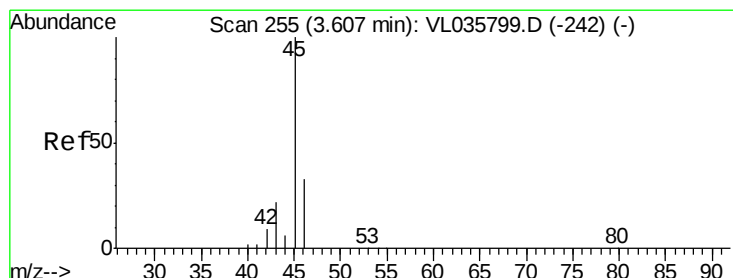
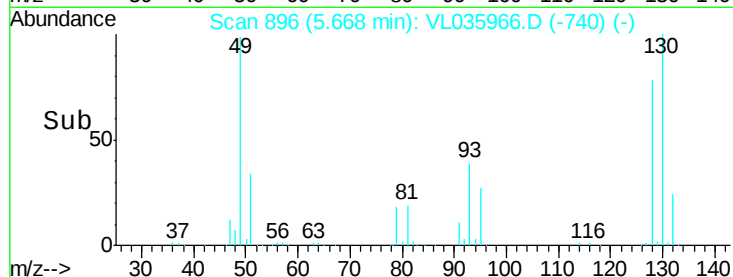
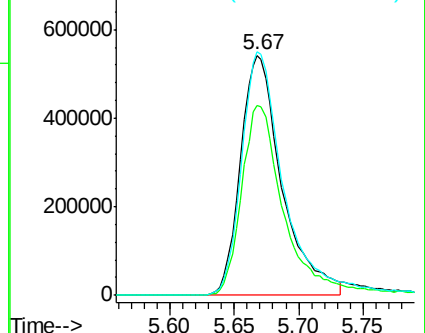
11/18/2020 9:08:41 AM



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



#13

Ethanol

Concen: 2.302 ppbv m

RT: 3.62 min Scan# 259

Delta R.T. 0.01 min

Lab File: VL035966.D

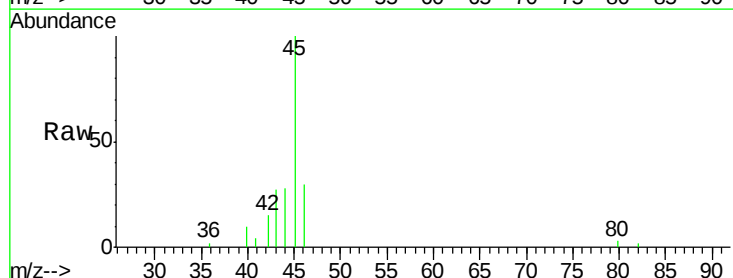
Acq: 17 Nov 2020 5:38

Tgt Ion: 45 Resp: 26521

Ion Ratio Lower Upper

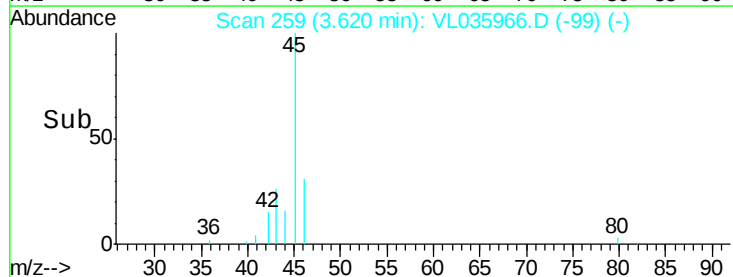
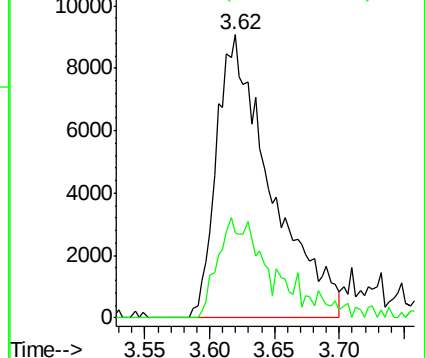
45 100

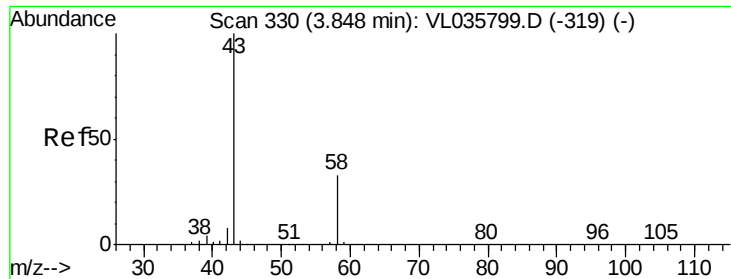
46 37.1 16.1 64.5



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





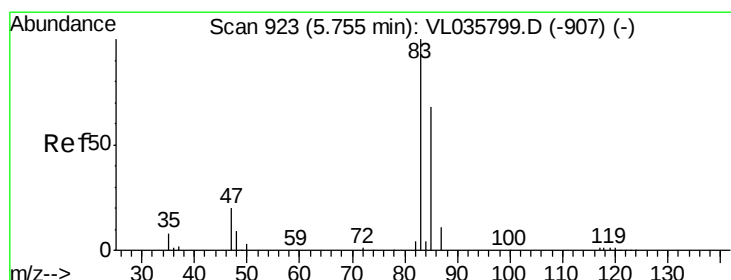
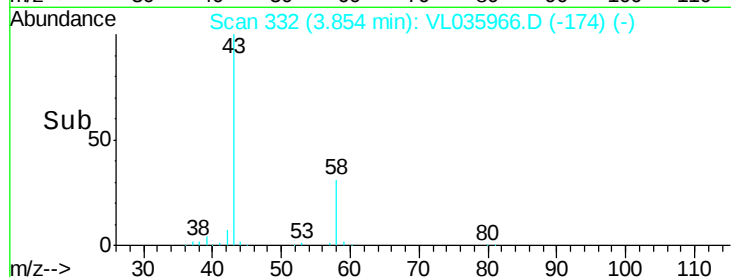
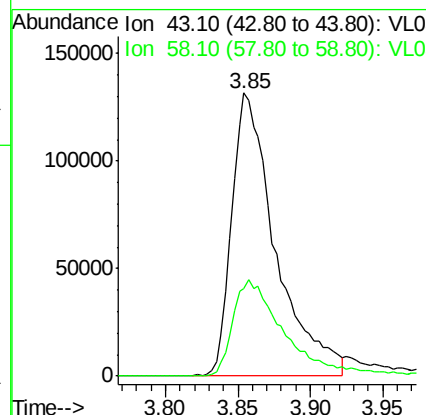
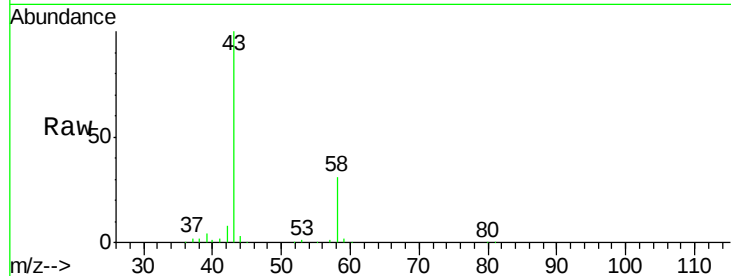
#15
Acetone
Concen: 2.132 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.01 min
Lab File: VL035966.D
Acq: 17 Nov 2020 5:38

Instrument :
MSVOA_L
ClientSampled :
SV2DL

Tot Ion: 43 Resp: 276073
Ion Ratio Lower Upper
43 100
58 41.7 27.5 41.3#

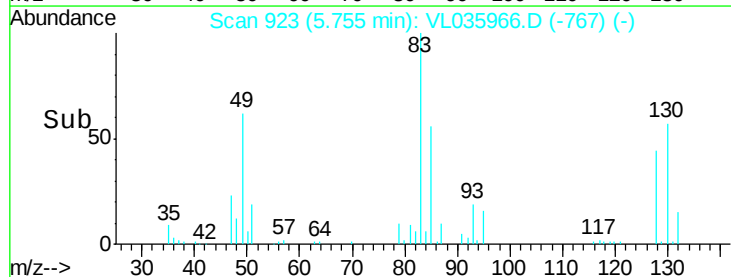
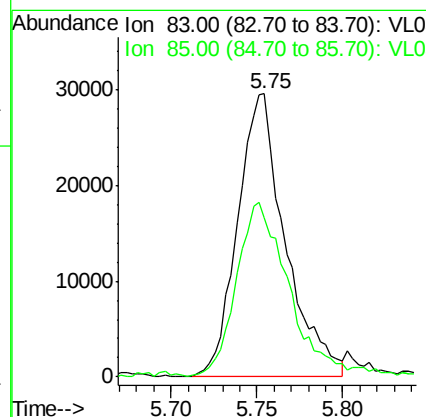
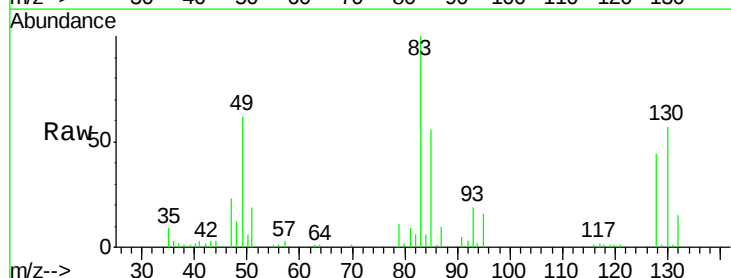
Manual Integrations
APPROVED

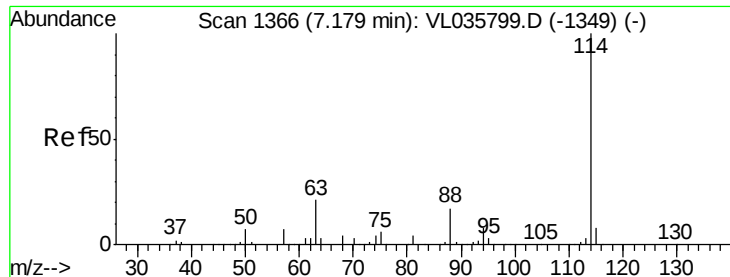
MMDadoda
11/18/2020 9:08:41 AM



#29
Chloroform
Concen: 0.207 ppbv
RT: 5.75 min Scan# 923
Delta R.T. 0.00 min
Lab File: VL035966.D
Acq: 17 Nov 2020 5:38

Tgt Ion: 83 Resp: 57149
Ion Ratio Lower Upper
83 100
85 55.4 54.6 81.8





#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VL035966.D
 Acq: 17 Nov 2020 5:38

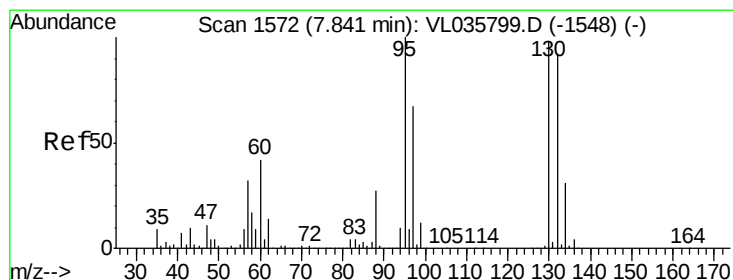
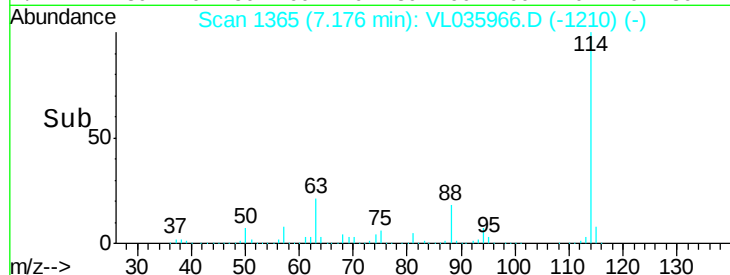
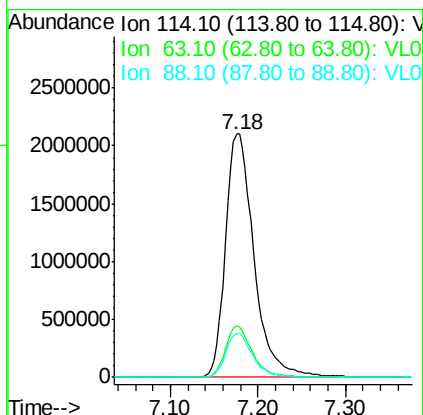
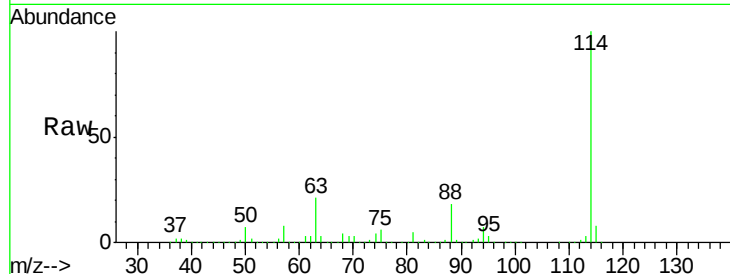
Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Tot Ion:114 Resp: 4760897

Ion	Ratio	Lower	Upper
114	100		
63	20.1	16.1	24.1
88	17.2	13.7	20.5

Manual Integrations
 APPROVED

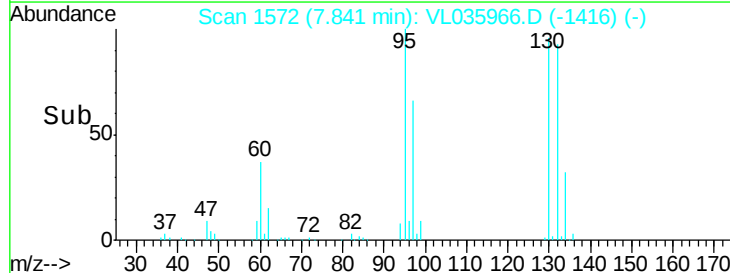
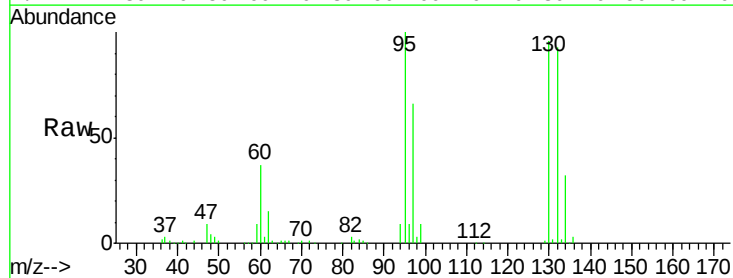
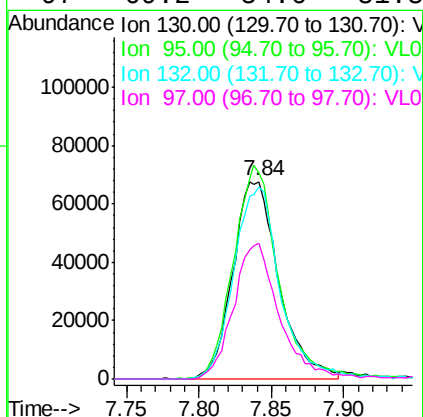
MMDadoda
 11/18/2020 9:08:41 AM

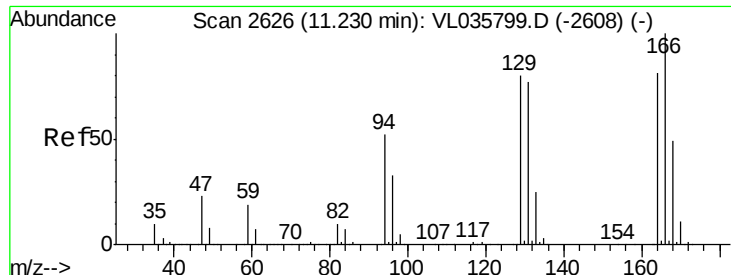


#38
 Trichloroethene
 Concen: 0.860 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VL035966.D
 Acq: 17 Nov 2020 5:38

Tgt Ion:130 Resp: 148612

Ion	Ratio	Lower	Upper
130	100		
95	104.1	81.6	122.4
132	97.6	75.1	112.7
97	69.2	54.6	81.8





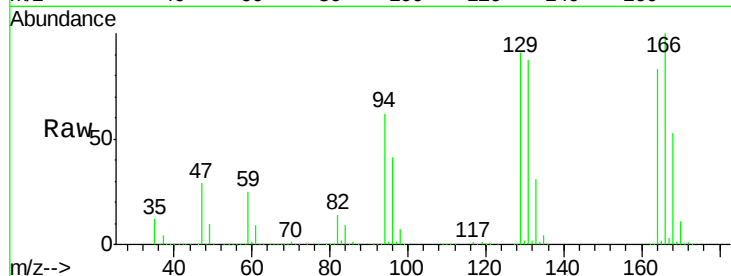
#52
Tetrachloroethene
Concen: 27.541 ppbv
RT: 11.23 min Scan# 2627
Delta R.T. 0.00 min
Lab File: VL035966.D
Acq: 17 Nov 2020 5:38

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

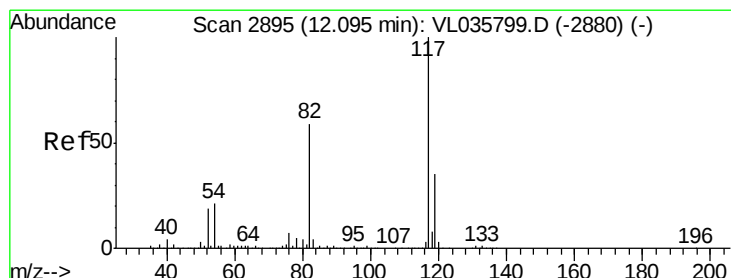
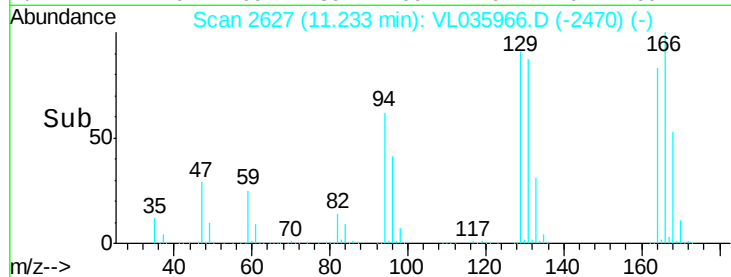
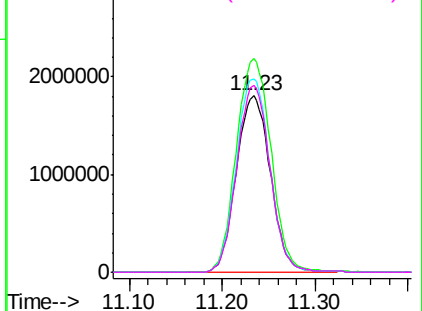
Tot Ion	Ratio	Lower	Upper
164	100		
166	121.0	99.3	148.9
129	109.7	79.3	118.9
131	105.8	76.5	114.7

Manual Integrations
APPROVED

MMDadoda
11/18/2020 9:08:41 AM

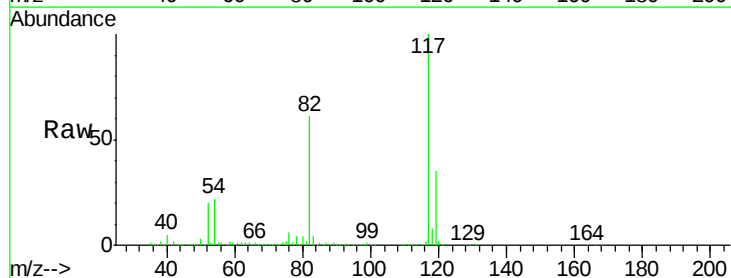


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V

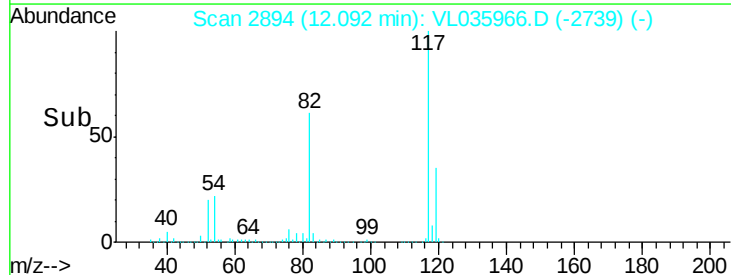
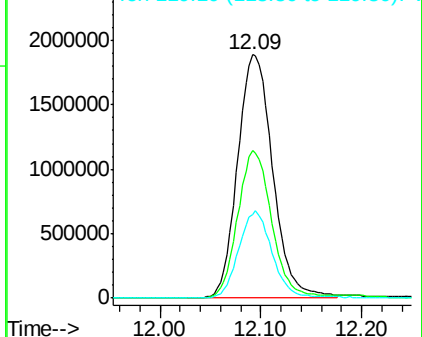


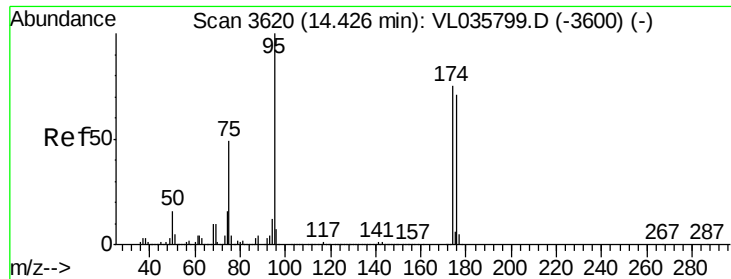
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL035966.D
Acq: 17 Nov 2020 5:38

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.5	50.6	76.0
119	34.6	52.6	78.8#



Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.388 ppbv
 RT: 14.42 min Scan# 3619
 Delta R.T. -0.00 min
 Lab File: VL035966.D
 Acq: 17 Nov 2020 5:38

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	73.0	59.8	89.6
175	5.2	4.3	6.5

Manual Integrations
 APPROVED

MMDadoda
 11/18/2020 9:08:41 AM

