

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082720\
 Data File : VL035517.D
 Acq On : 27 Aug 2020 12:34
 Operator : SY/AP
 Sample : OC082520 CAN 10602
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC082520 CAN 10602

Manual Integrations
 APPROVED

MMDadoda
 8/28/2020 3:17:53 PM

Quant Time: Aug 28 02:02:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 28 02:02:02 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	981800	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4105526	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	4179898	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3000592	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	33853	0.313	ppbv #	46
20) Methylene Chloride	4.36	84	69015	0.856	ppbv	95
26) Hexane	5.71	57	22211	0.205	ppbv #	58
38) Trichloroethene	7.86	130	5128	0.033	ppbv #	81
52) Tetrachloroethene	11.26	164	6357m	0.041	ppbv	

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

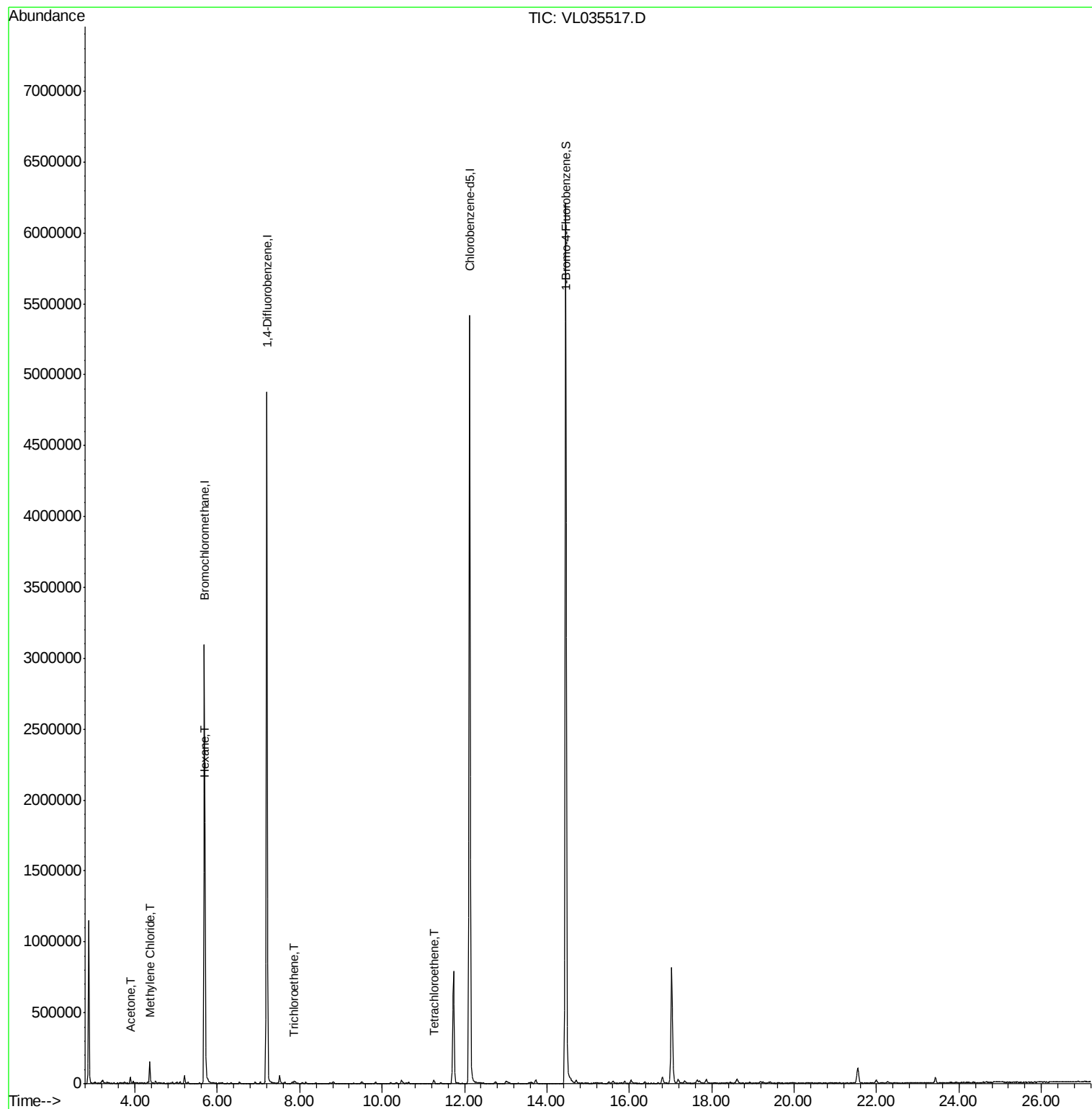
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL082720\
Data File : VL035517.D
Acq On : 27 Aug 2020 12:34
Operator : SY/AP
Sample : OC082520 CAN 10602
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC082520 CAN 10602

Manual Integrations
APPROVED

MMDadoda
8/28/2020 3:17:53 PM

Quant Time: Aug 28 02:02:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.00 min

Lab File: VL035517.D

Acq: 27 Aug 2020 12:34

Instrument :

MSVOA_L

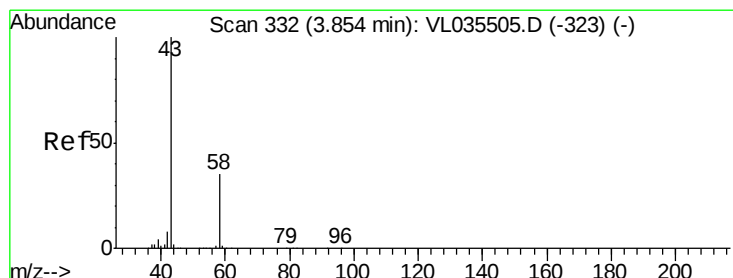
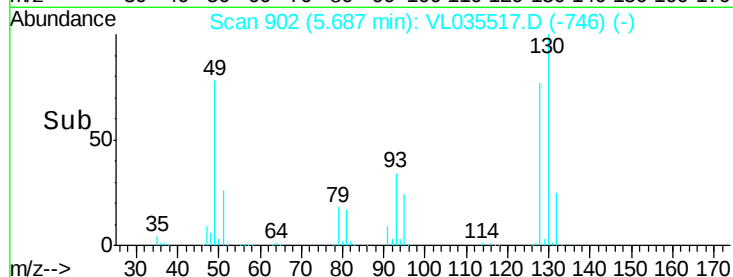
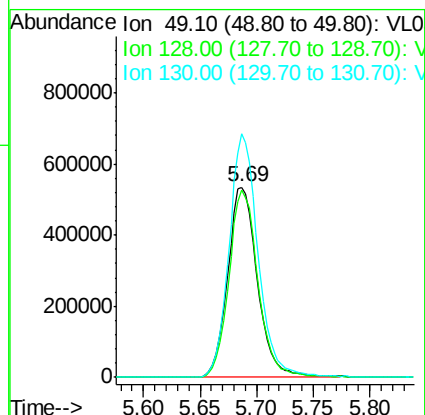
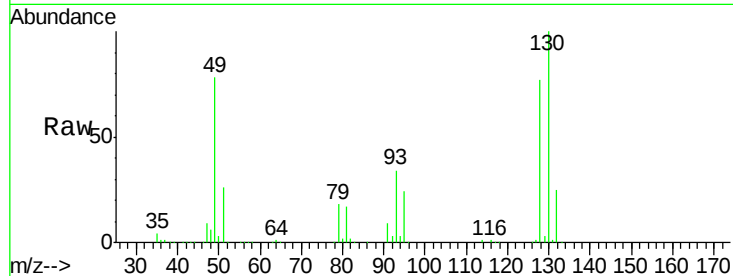
ClientSampleId :

QC082520 CAN 10602

Tot Ion	Ratio	Lower	Upper
49	100		
128	97.1	50.0	150.1
130	125.3	64.4	193.2

Manual Integrations
APPROVED

MMDadoda
8/28/2020 3:17:53 PM



#15

Acetone

Concen: 0.313 ppbv

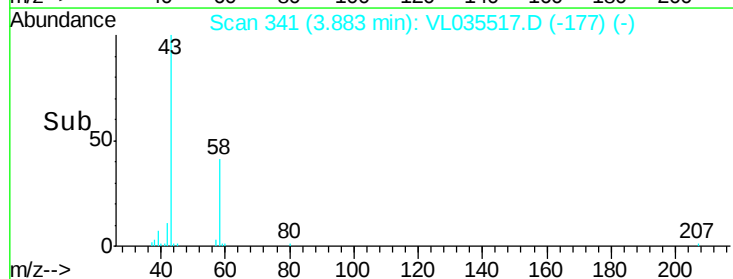
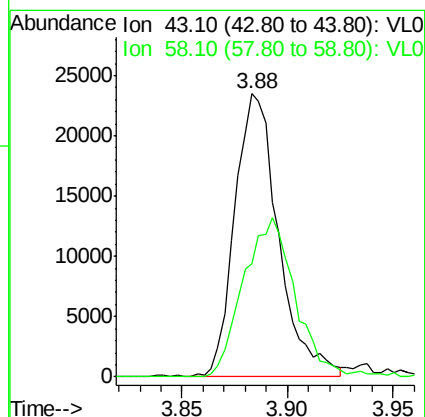
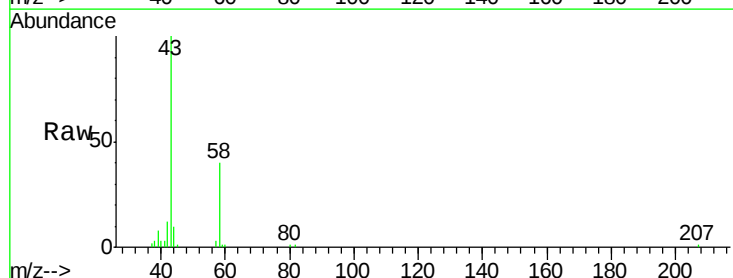
RT: 3.88 min Scan# 341

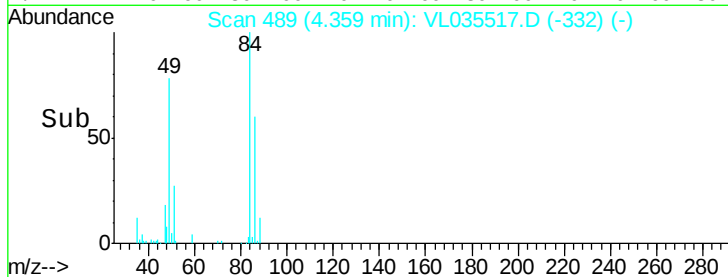
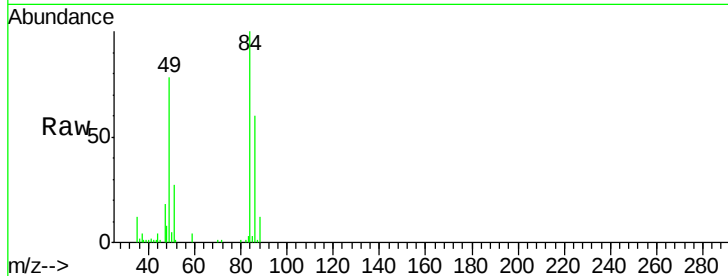
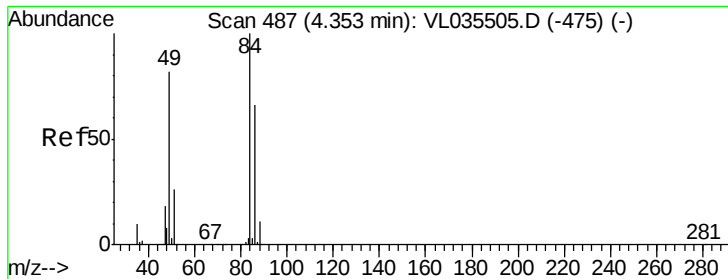
Delta R.T. 0.03 min

Lab File: VL035517.D

Acq: 27 Aug 2020 12:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	66.8	28.4	42.6





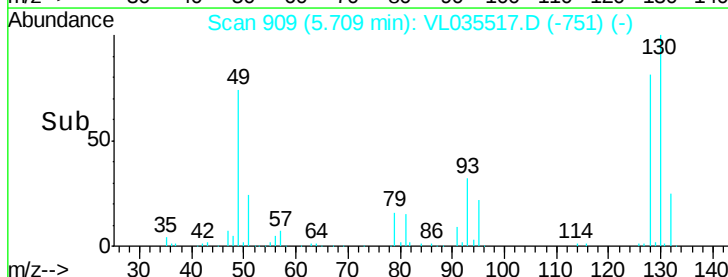
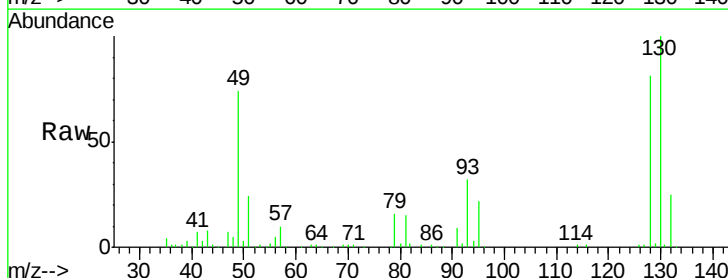
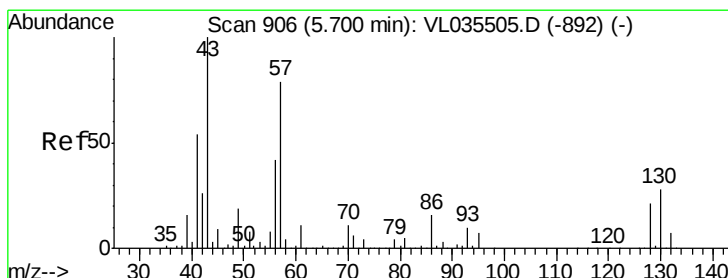
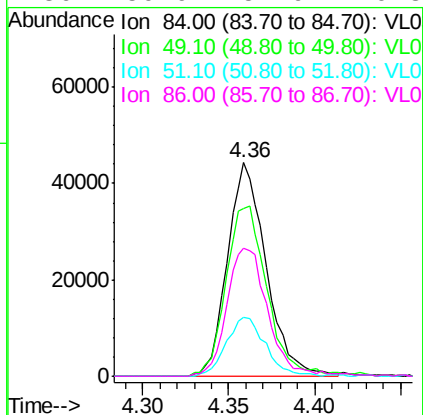
#20
Methvlene Chloride
Concen: 0.856 ppbv
RT: 4.36 min Scan# 489
Delta R.T. 0.01 min
Lab File: VL035517.D
Acq: 27 Aug 2020 12:34

Tot Ion	Ion	Ratio	Resp	Lower	Upper
84	100		69015		
49	78.4		65.4	98.0	
51	27.3		21.5	32.3	
86	59.9		52.9	79.3	

Instrument :
MSVOA_L
ClientSampleId :
QC082520 CAN 10602

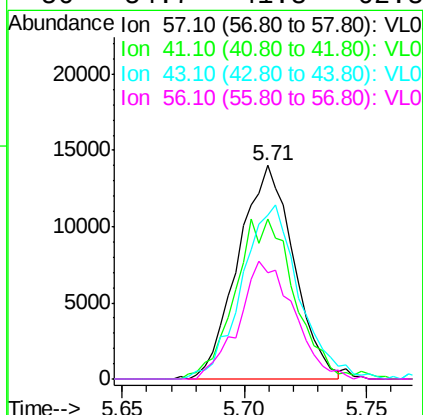
Manual Integrations
APPROVED

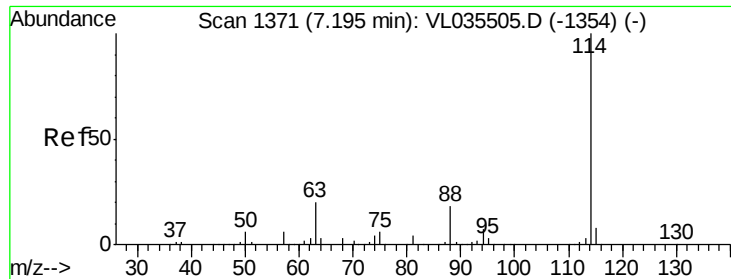
MMDadoda
8/28/2020 3:17:53 PM



#26
Hexane
Concen: 0.205 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.01 min
Lab File: VL035517.D
Acq: 27 Aug 2020 12:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
57	100		22211		
41	80.7		55.9	83.9	
43	85.4		141.8	212.8	
56	54.7		41.8	62.8	





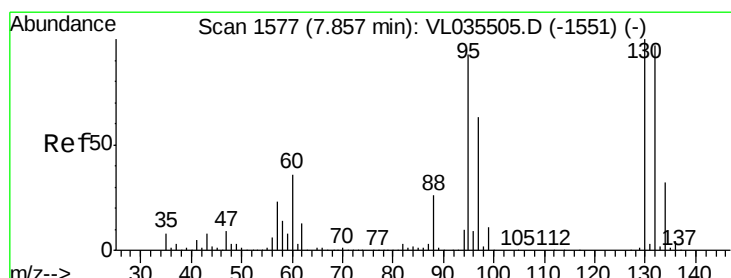
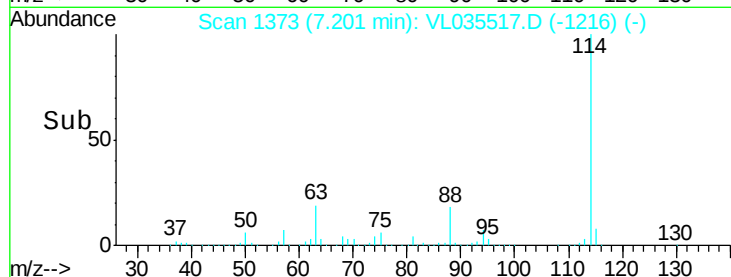
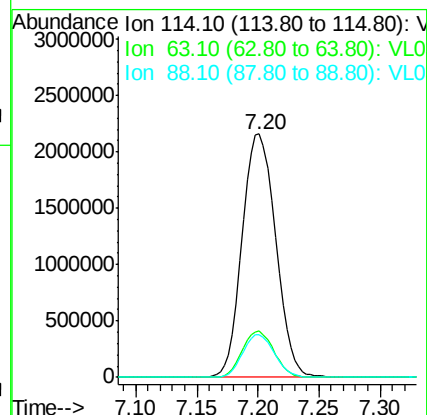
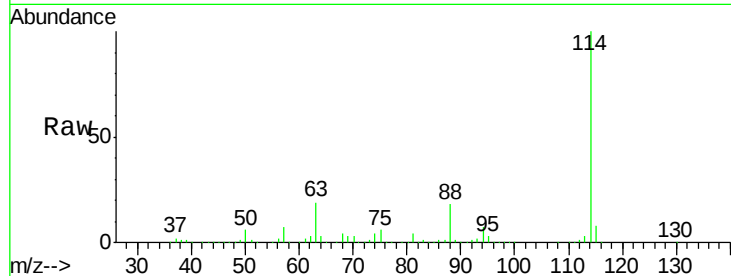
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: VL035517.D
 Acq: 27 Aug 2020 12:34

Instrument :
 MSVOA_L
 ClientSampleId :
 QC082520 CAN 10602

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.1	14.7	22.1
88	16.6	13.4	20.2

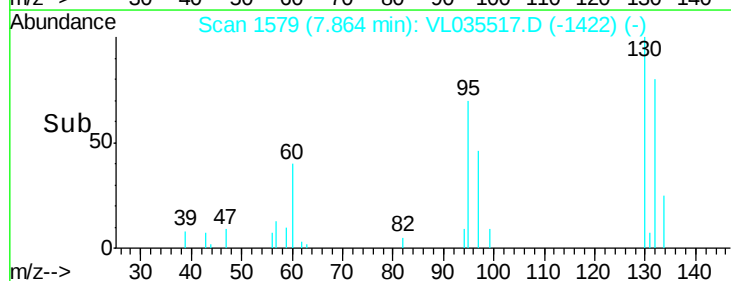
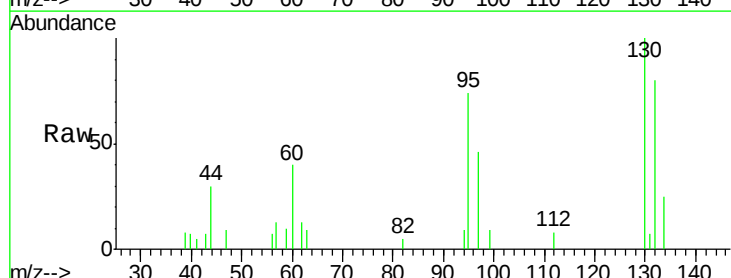
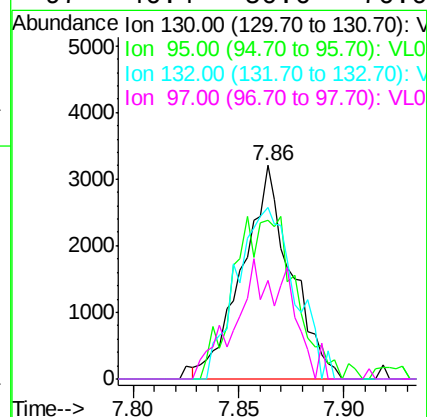
Manual Integrations
 APPROVED

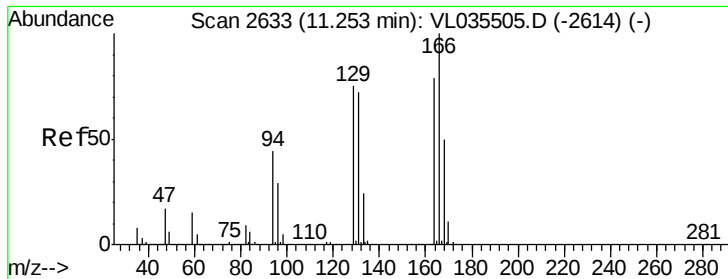
MMDadoda
 8/28/2020 3:17:53 PM



#38
 Trichloroethene
 Concen: 0.033 ppbv
 RT: 7.86 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: VL035517.D
 Acq: 27 Aug 2020 12:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	74.5	74.6	112.0#
132	80.1	77.6	116.4
97	46.4	50.6	76.0#





#52

Tetrachloroethene

Concen: 0.041 ppbv m

RT: 11.26 min Scan# 2636

Delta R.T. 0.01 min

Lab File: VL035517.D

Acq: 27 Aug 2020 12:34

Instrument :

MSVOA_L

ClientSampleId :

QC082520 CAN 10602

Tot Ion:164 Resp: 6357

Ion Ratio Lower Upper

164 100

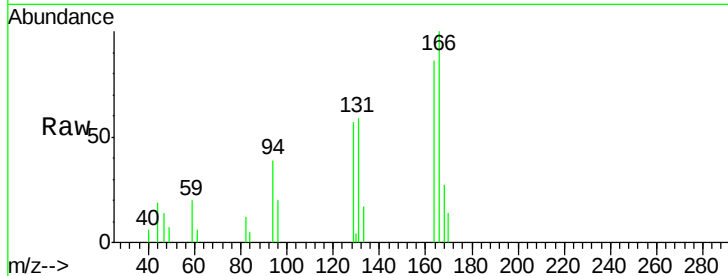
166 116.3 100.9 151.3

129 65.8 75.3 112.9#

131 68.2 73.0 109.4#

Manual Integrations
APPROVED

MMDadoda
8/28/2020 3:17:53 PM

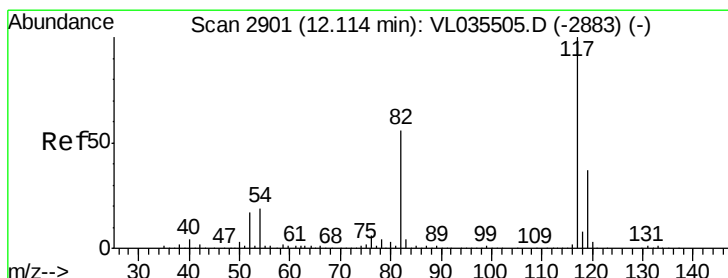
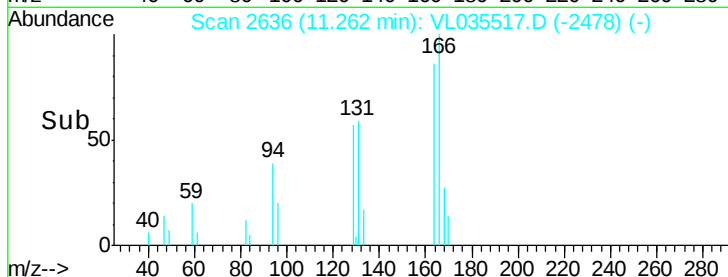
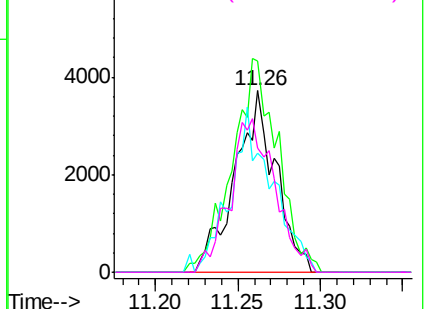


Abundance Ion 163.90 (163.60 to 164.60): V

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: 12.12 min Scan# 2904

Delta R.T. 0.01 min

Lab File: VL035517.D

Acq: 27 Aug 2020 12:34

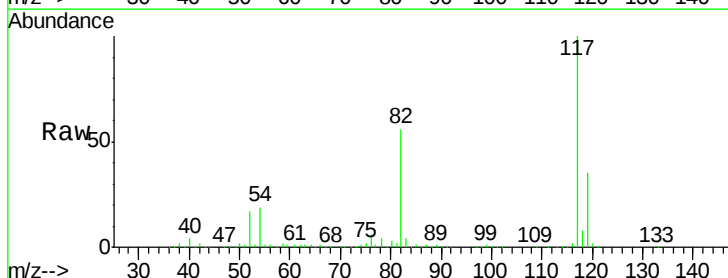
Tgt Ion:117 Resp: 4179898

Ion Ratio Lower Upper

117 100

82 54.9 41.6 62.4

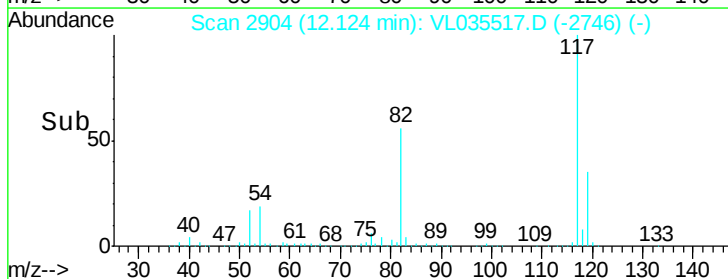
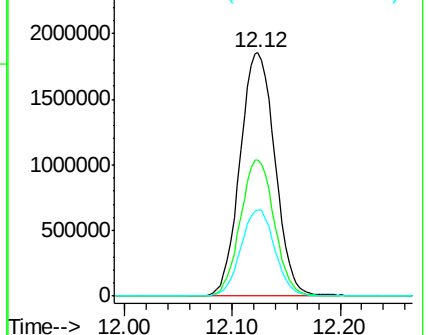
119 34.7 29.3 43.9

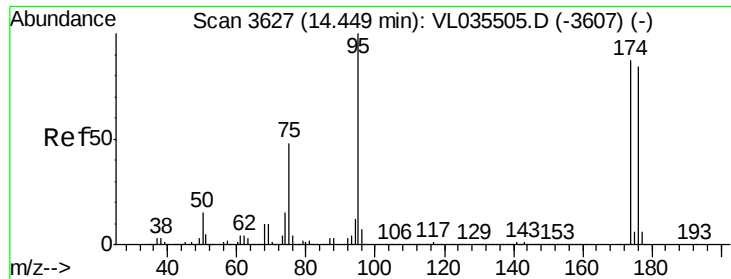


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.109 ppbv
 RT: 14.45 min Scan# 3629
 Delta R.T. 0.01 min
 Lab File: VL035517.D
 Acq: 27 Aug 2020 12:34

Instrument :
 MSVOA_L
 ClientSampleId :
 QC082520 CAN 10602

Tot Ion: 95 Resp: 3000592

Ion	Ratio	Lower	Upper
95	100		
174	88.5	69.6	104.4
175	6.4	5.1	7.7

Manual Integrations
 APPROVED

MMDadoda
 8/28/2020 3:17:53 PM

