

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032520\
 Data File : VV015152.D
 Acq On : 25 Mar 2020 22:32
 Operator : SY/MD
 Sample : L1968-04 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DD3

Manual Integrations
 APPROVED

apatel
 4/7/2020 8:07:28 AM

Quant Time: Apr 06 05:48:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 26 02:00:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	604064	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	589473	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	265170	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	212800	42.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.26%
7) Chloroethane-d5	1.58	69	201248	43.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.98%
11) 1,1-Dichloroethene-d2	2.12	63	348115	34.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.98%
21) 2-Butanone-d5	3.94	46	303719	91.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.64%
24) Chloroform-d	4.38	84	375241	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.58%
26) 1,2-Dichloroethane-d4	5.06	65	253847	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
32) Benzene-d6	5.08	84	760319	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.46%
36) 1,2-Dichloropropane-d6	6.10	67	240831	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.30%
41) Toluene-d8	7.34	98	727645	44.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.58%
43) trans-1,3-Dichloropropene-	7.64	79	114360	38.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.42%
47) 2-Hexanone-d5	8.12	63	243953	90.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.30%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	346541	43.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	259823m	43.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.62%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.41	83	14840	2.164	ug/L	94
33) Benzene	5.13	78	712270	46.954	ug/L	100
51) Chlorobenzene	8.90	112	2076077	189.837	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	385489	49.635	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	1644078	207.786	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	2113977	269.784	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	197427	40.064	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	92113	18.810	ug/L	99

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

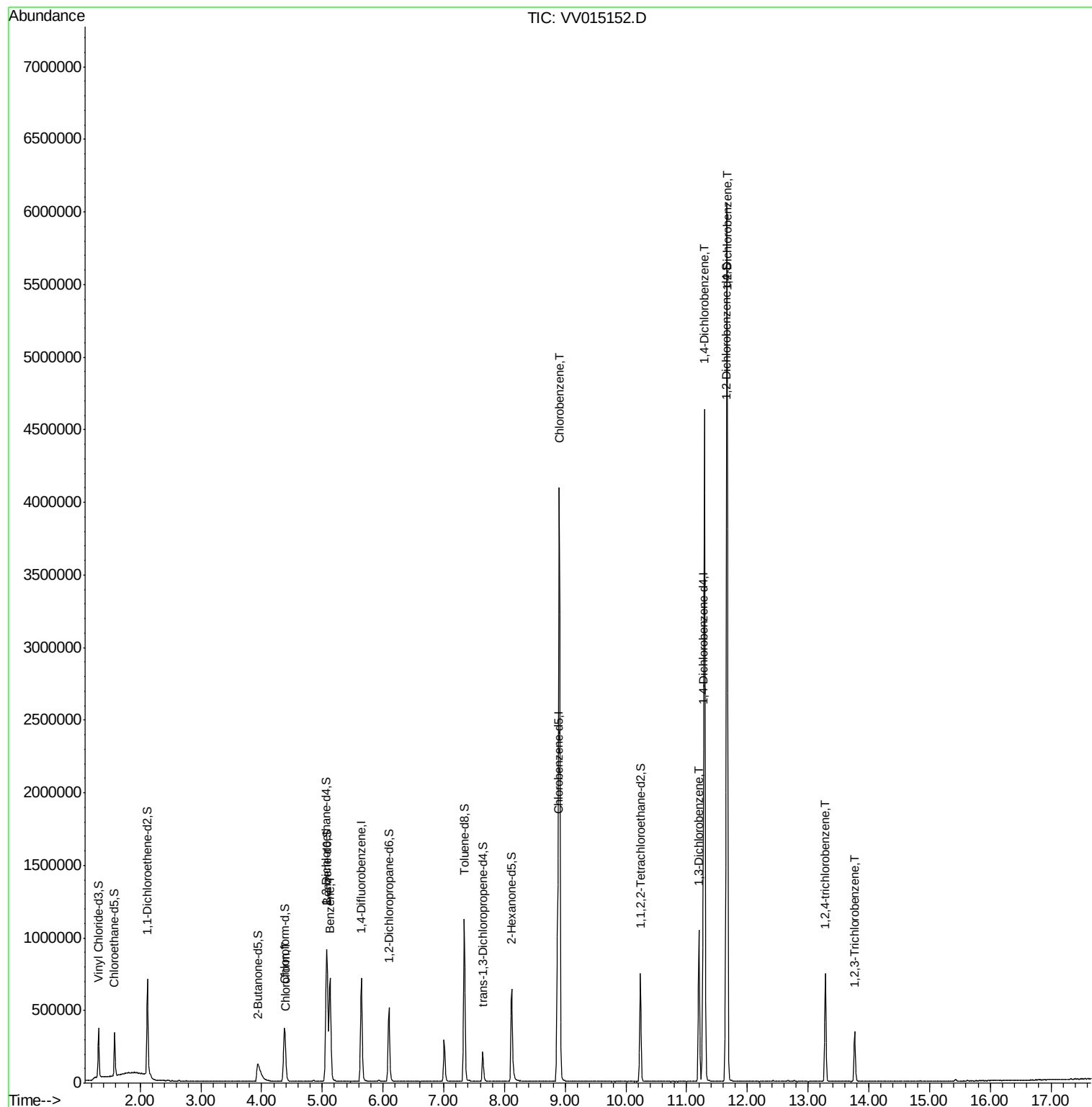
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV032520\
Data File : VV015152.D
Acq On : 25 Mar 2020 22:32
Operator : SY/MD
Sample : L1968-04 100X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

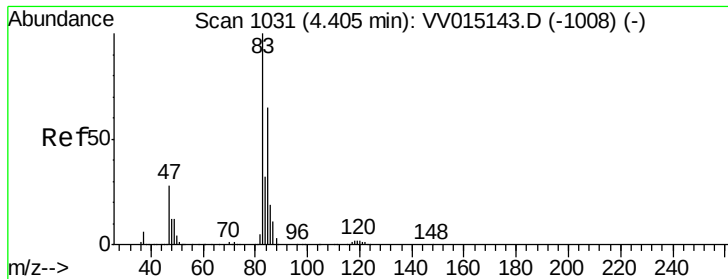
Instrument :
MSVOA_V
ClientSampleId :
C0DD3

Manual Integrations
APPROVED

apatel
4/7/2020 8:07:28 AM

Quant Time: Apr 06 05:48:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 26 02:00:02 2020
Response via : Initial Calibration





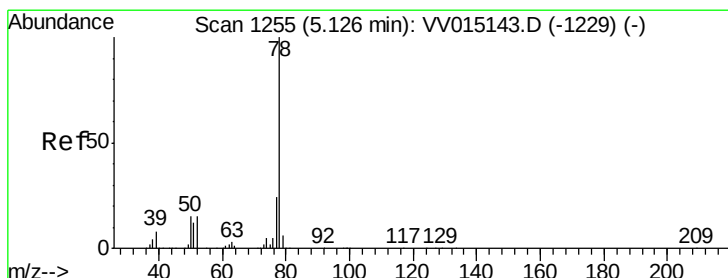
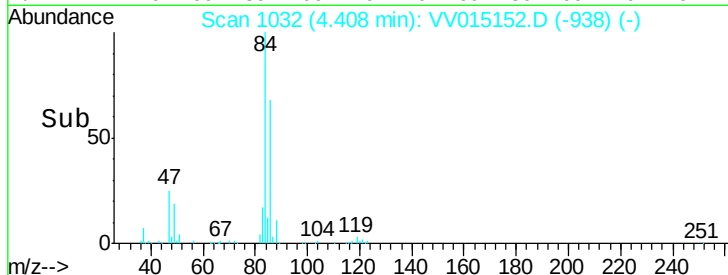
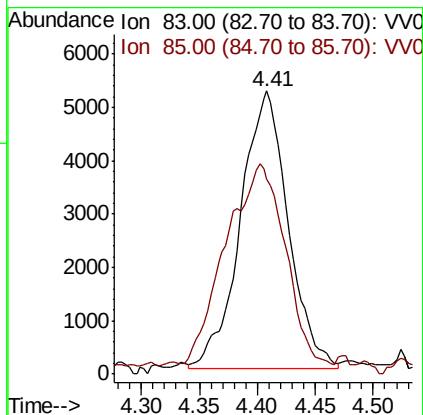
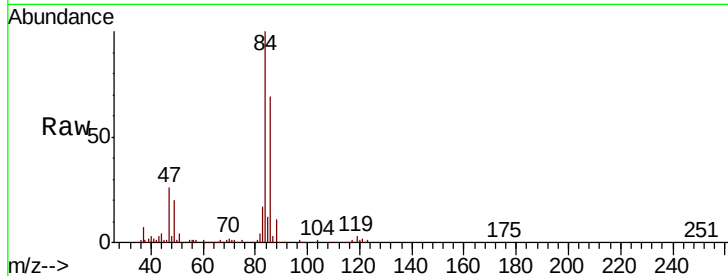
#25
Chloroform
Concen: 2.164 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VV015152.D
Acq: 25 Mar 2020 22:32

Instrument :
MSVOA_V
ClientSampleId :
C0DD3

Tot Ion: 83 Resp: 14840
Ion Ratio Lower Upper
83 100
85 69.1 44.8 83.2

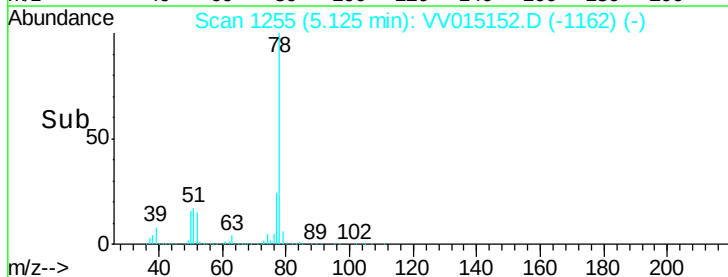
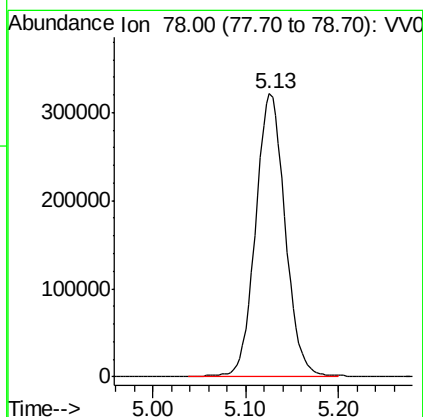
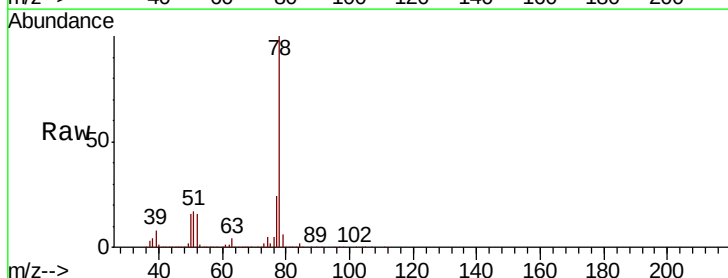
Manual Integrations
APPROVED

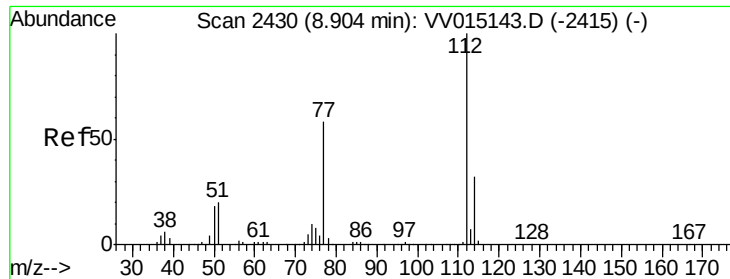
apatel
4/7/2020 8:07:28 AM



#33
Benzene
Concen: 46.954 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VV015152.D
Acq: 25 Mar 2020 22:32

Tgt Ion: 78 Resp: 712270





#51

Chlorobenzene

Concen: 189.837 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV015152.D

Acq: 25 Mar 2020 22:32

Instrument :

MSVOA_V

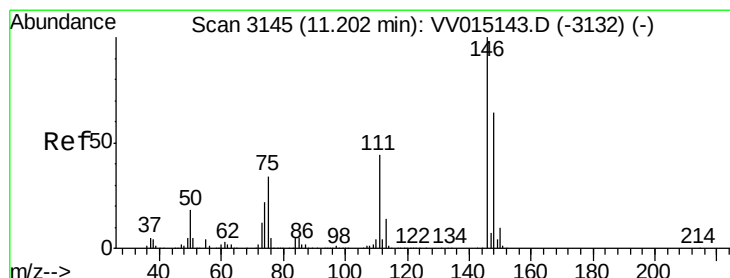
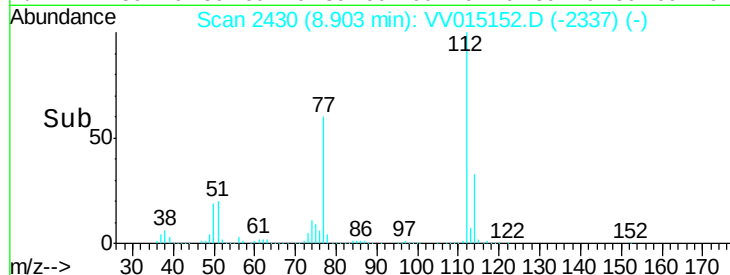
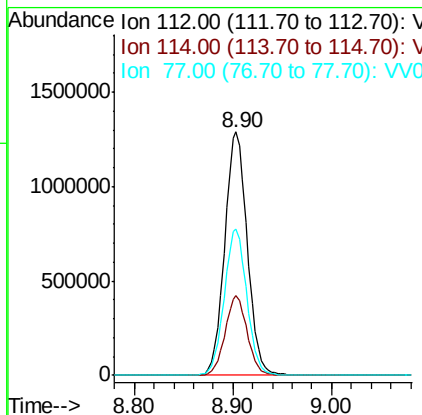
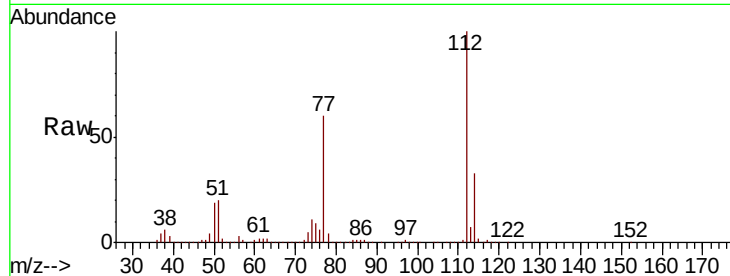
ClientSampleId :

C0DD3

Tot Ion:	112	Resp:	2076077
Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.0	40.8
77	60.3	47.2	70.8

Manual Integrations
APPROVED

apatel
4/7/2020 8:07:28 AM



#62

1,3-Dichlorobenzene

Concen: 49.635 ug/L

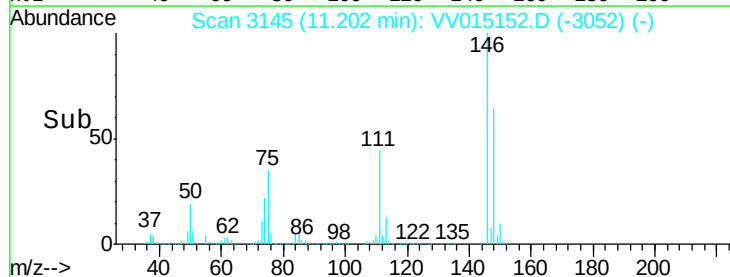
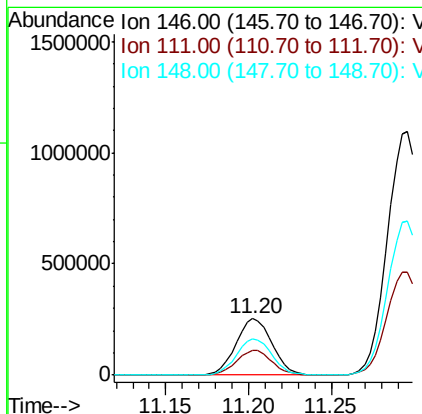
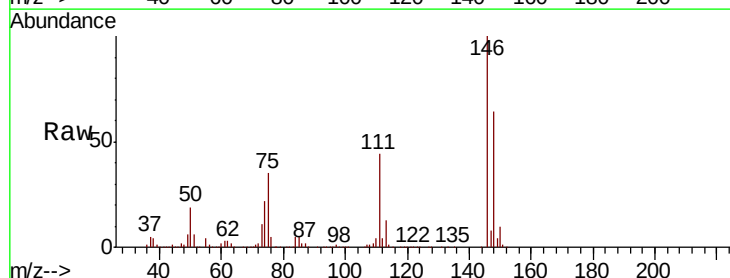
RT: 11.20 min Scan# 3145

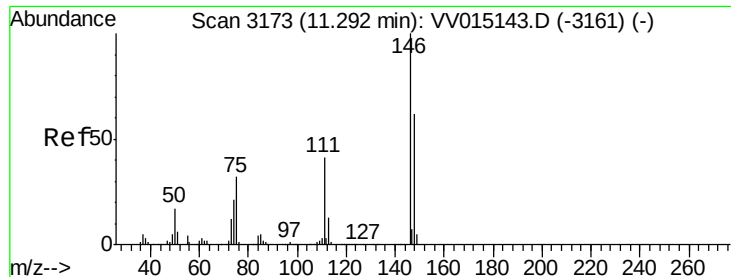
Delta R.T. -0.00 min

Lab File: VV015152.D

Acq: 25 Mar 2020 22:32

Tgt Ion:	146	Resp:	385489
Ion	Ratio	Lower	Upper
146	100		
111	43.7	29.3	54.5
148	64.3	44.7	82.9





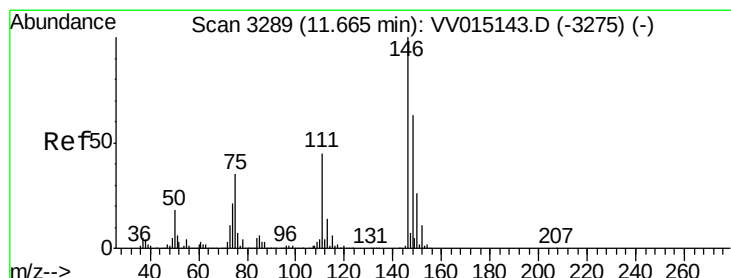
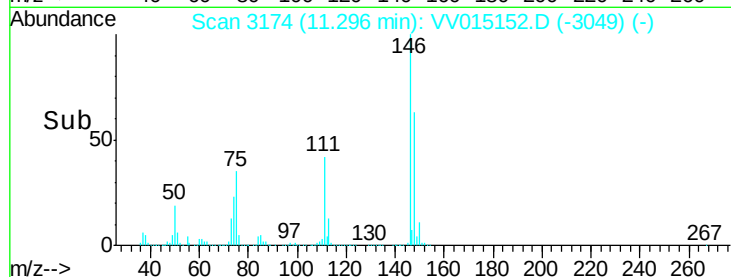
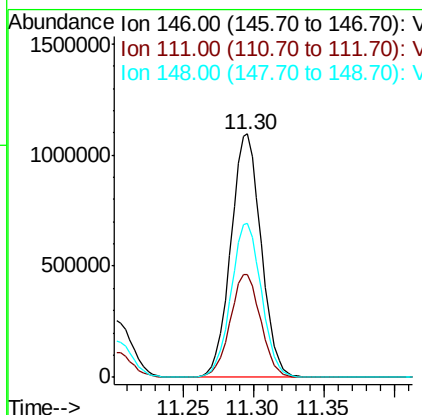
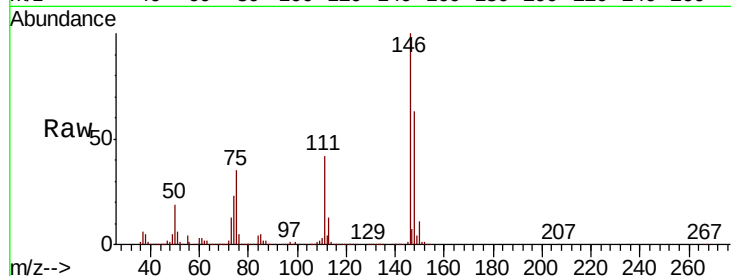
#63
 1,4-Dichlorobenzene
 Concen: 207.786 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV015152.D
 Acq: 25 Mar 2020 22:32

Instrument :
 MSVOA_V
 ClientSampled :
 C0DD3

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	28.4	52.8
148	63.4	44.0	81.8

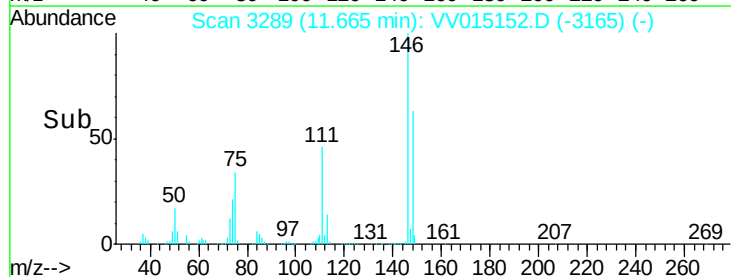
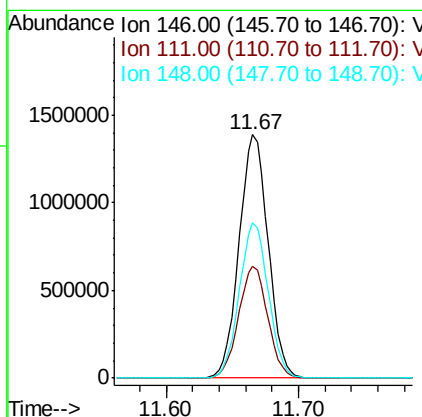
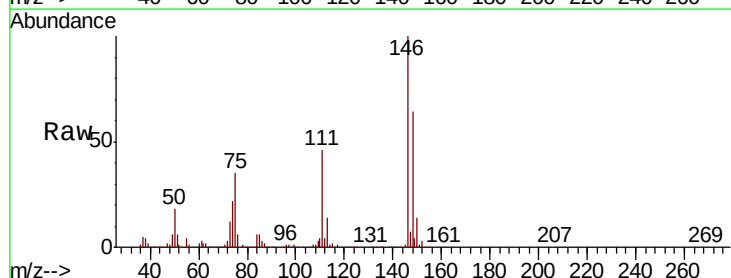
Manual Integrations
 APPROVED

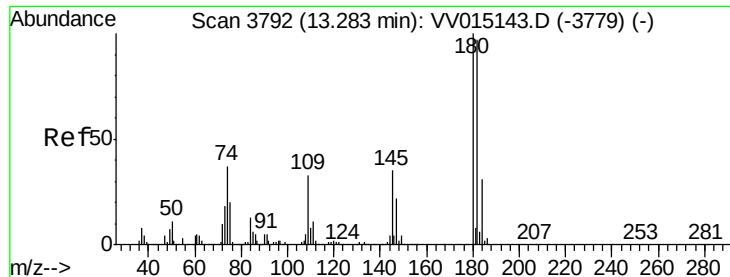
apatel
 4/7/2020 8:07:28 AM



#65
 1,2-Dichlorobenzene
 Concen: 269.784 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV015152.D
 Acq: 25 Mar 2020 22:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.1	35.4	53.2
148	63.6	49.7	74.5





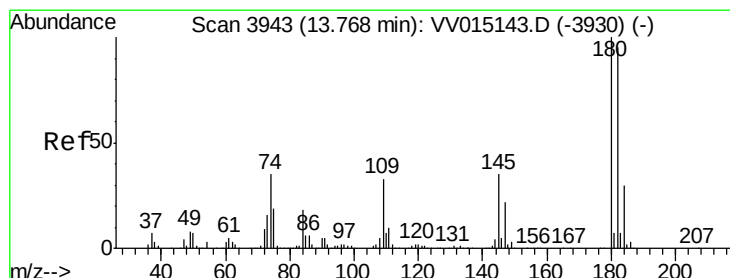
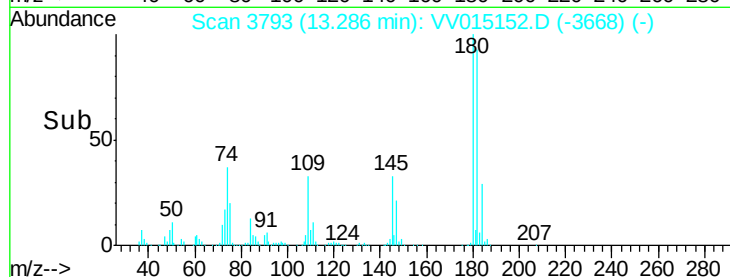
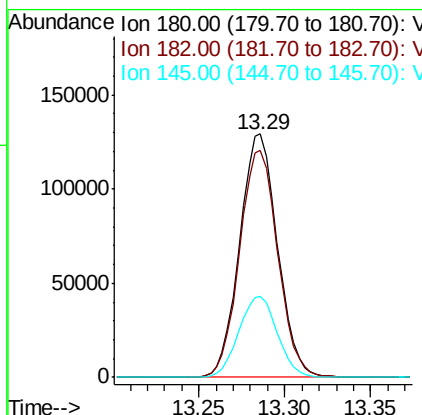
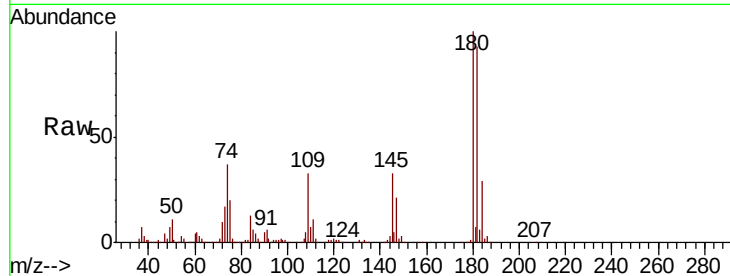
#68
 1,2,4-trichlorobenzene
 Concen: 40.064 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015152.D
 Acq: 25 Mar 2020 22:32

Instrument :
 MSVOA_V
 ClientSampled :
 C0DD3

Tot Ion	Ratio	Resp	Lower	Upper
180	100	197427		
182	94.4	76.1	114.1	
145	33.8	26.6	40.0	

Manual Integrations
 APPROVED

apatel
 4/7/2020 8:07:28 AM



#70
 1,2,3-Trichlorobenzene
 Concen: 18.810 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VV015152.D
 Acq: 25 Mar 2020 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	92113		
182	94.9	76.3	114.5	
145	36.2	29.6	44.4	

