

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015347.D
 Acq On : 01 Apr 2020 22:16
 Operator : SY/MD
 Sample : L2003-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EK3

Manual Integrations
 APPROVED

Quant Time: Apr 02 06:03:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 03:22:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	apatel
1) 1,4-Difluorobenzene	5.64	114	732480	50.00	ug/L	0.00	
28) Chlorobenzene-d5	8.87	117	695041	50.00	ug/L	0.00	
60) 1,4-Dichlorobenzene-d4	11.27	152	328997	50.00	ug/L	0.00	

4/2/2020 4:27:08 PM

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	173334	26.39	ug/L	0.00	
Spiked Amount	50.000	Range	60 - 135	Recovery	=	52.78%#	
7) Chloroethane-d5	1.58	69	171755	30.61	ug/L	0.00	
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.22%#	
11) 1,1-Dichloroethene-d2	2.12	63	281683	23.99	ug/L	0.00	
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.98%#	
21) 2-Butanone-d5	3.94	46	310511	88.95	ug/L	0.00	
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.95%	
24) Chloroform-d	4.38	84	389827	35.95	ug/L	0.00	
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.90%	
26) 1,2-Dichloroethane-d4	5.06	65	252305	37.36	ug/L	0.00	
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.72%	
32) Benzene-d6	5.08	84	777155	36.31	ug/L	0.00	
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.62%	
36) 1,2-Dichloropropane-d6	6.10	67	243551	38.59	ug/L	0.00	
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.18%	
41) Toluene-d8	7.34	98	743716	36.34	ug/L	0.00	
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.68%#	
43) trans-1,3-Dichloropropene-	7.64	79	110622	31.72	ug/L	0.00	
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.44%	
47) 2-Hexanone-d5	8.12	63	235844	81.83	ug/L	0.00	
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.83%	
57) 1,1,2,2-Tetrachloroethane-	10.24	84	363189	40.45	ug/L	0.00	
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.90%	
64) 1,2-Dichlorobenzene-d4	11.65	152	301600	40.30	ug/L	0.00	
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.60%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.23	43	14889m	6.498	ug/L	
25) Chloroform	4.40	83	9838m	0.996	ug/L	
51) Chlorobenzene	8.90	112	87464	5.837	ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	22868	2.065	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	91167	8.116	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	762168	67.467	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	175566	26.185	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	148441	21.493	ug/L	100

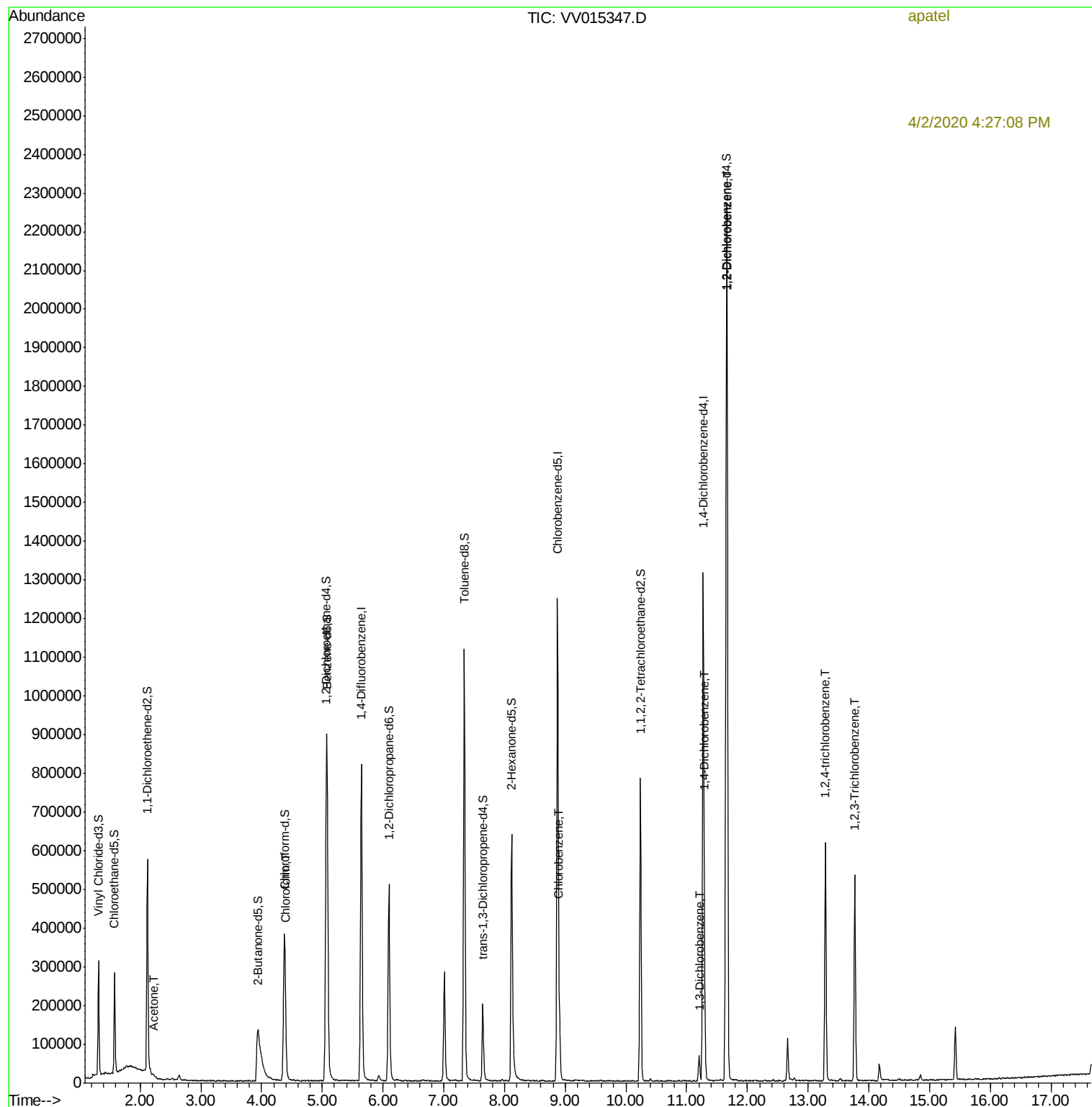
(#) = qualifier out of range (m) = manual integration (+) = signals summed

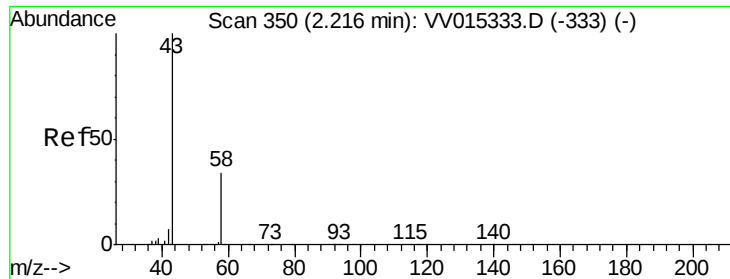
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040120\
Data File : VV015347.D
Acq On : 01 Apr 2020 22:16
Operator : SY/MD
Sample : L2003-02
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0EK3

Manual Integrations
APPROVED

Quant Time: Apr 02 06:03:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 02 03:22:54 2020
Response via : Initial Calibration





#13

Acetone

Concen: 6.498 ug/L m

RT: 2.23 min Scan# 353

Delta R.T. 0.01 min

Lab File: VV015347.D

Acq: 01 Apr 2020 22:16

Instrument :

MSVOA_V

ClientSampled :

C0EK3

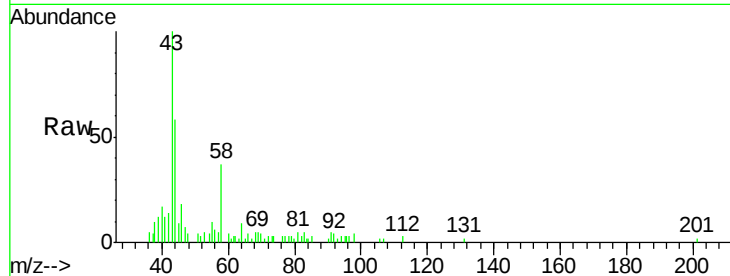
Tot Ion: 43 Resp: 14889

Ion Ratio Lower Upper

43 100

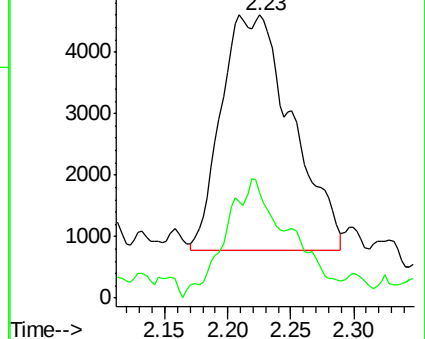
58 11.1 0.0 68.2

Manual Integrations
APPROVED



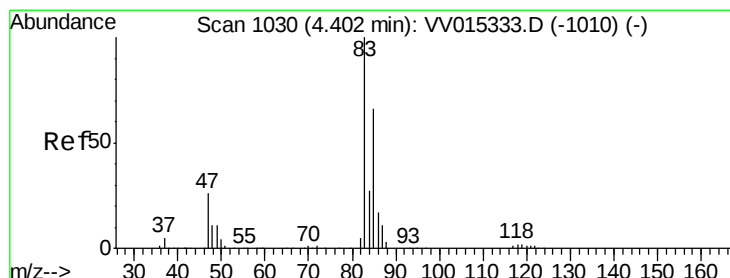
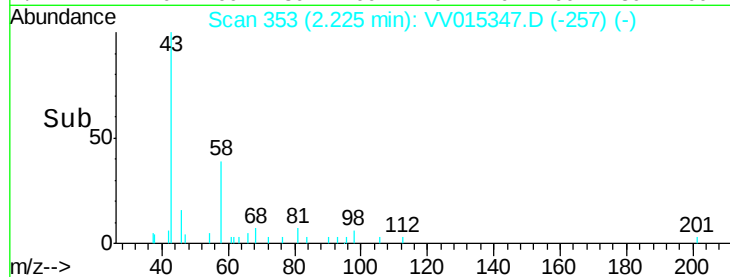
Abundance Ion 43.00 (42.70 to 43.70): VV015333.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV015333.D (-333) (-)



apatel

4/2/2020 4:27:08 PM



#25

Chloroform

Concen: 0.996 ug/L m

RT: 4.40 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VV015347.D

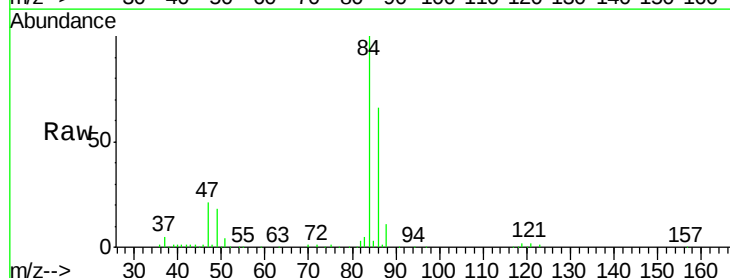
Acq: 01 Apr 2020 22:16

Tgt Ion: 83 Resp: 9838

Ion Ratio Lower Upper

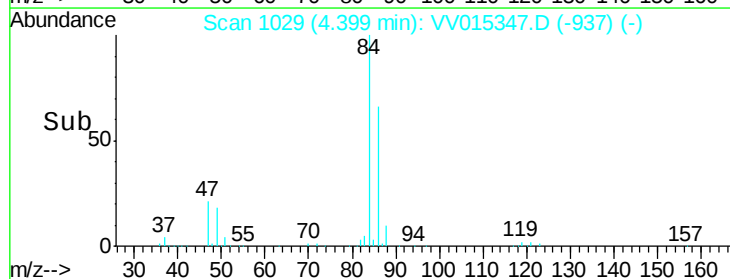
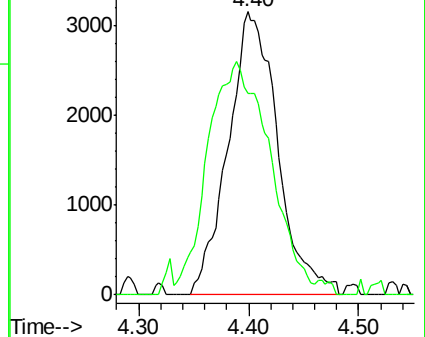
83 100

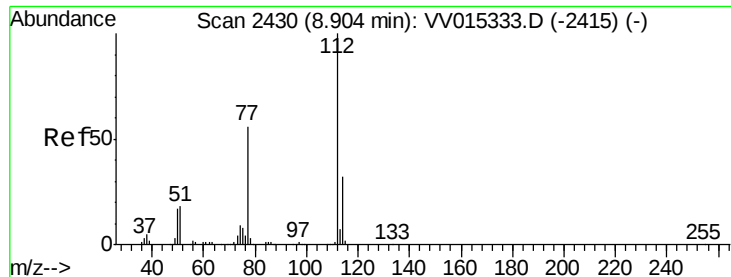
85 71.0 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV015333.D (-1010) (-)

Ion 85.00 (84.70 to 85.70): VV015333.D (-1010) (-)





#51

Chlorobenzene

Concen: 5.837 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV015347.D

Acq: 01 Apr 2020 22:16

Instrument :

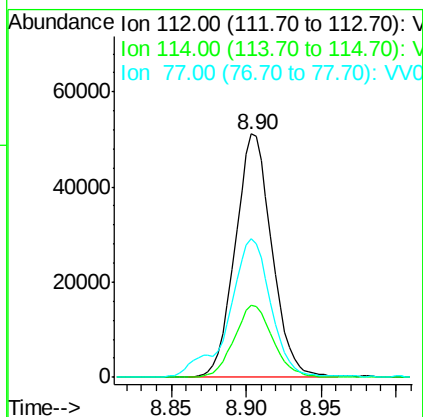
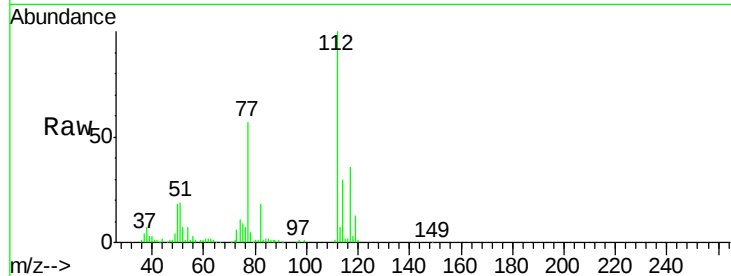
MSVOA_V

ClientSampleId :

C0EK3

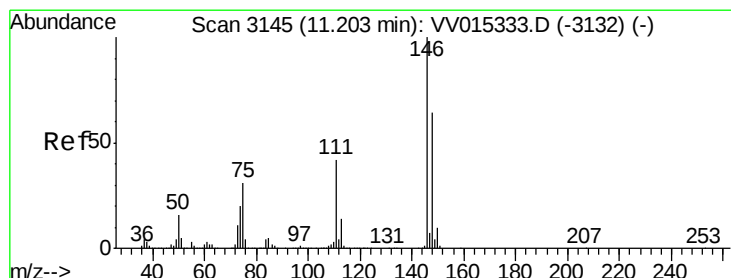
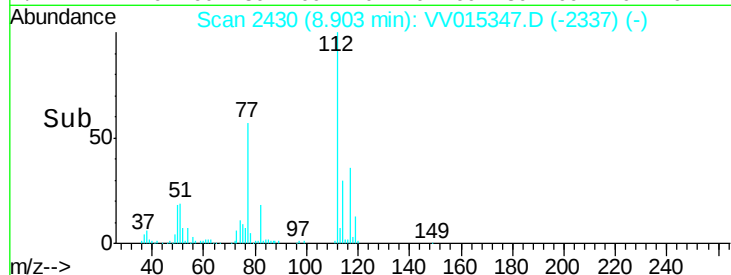
Tot Ion:	112	Resp:	87464
Ion Ratio	Lower	Upper	
112	100		
114	29.9	21.8	40.4
77	56.8	46.2	69.2

Manual Integrations
APPROVED



apatel

4/2/2020 4:27:08 PM



#62

1,3-Dichlorobenzene

Concen: 2.065 ug/L

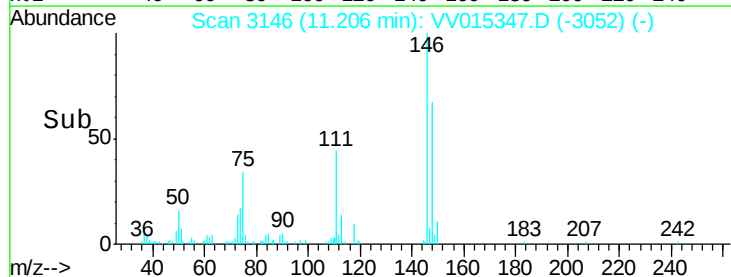
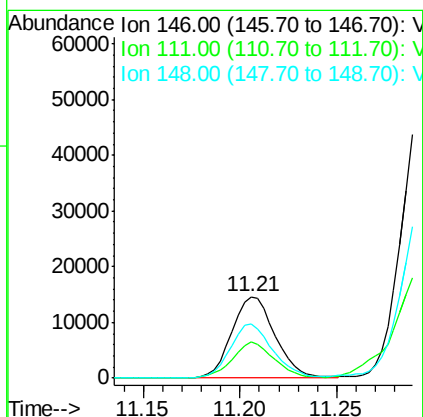
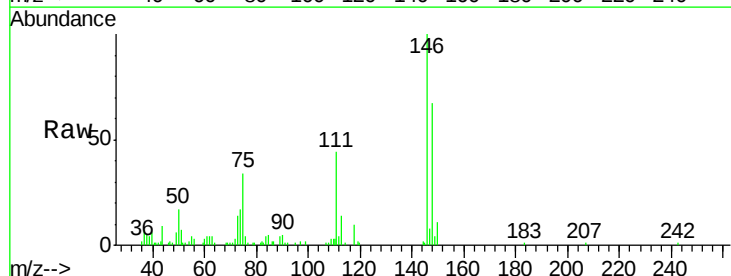
RT: 11.21 min Scan# 3146

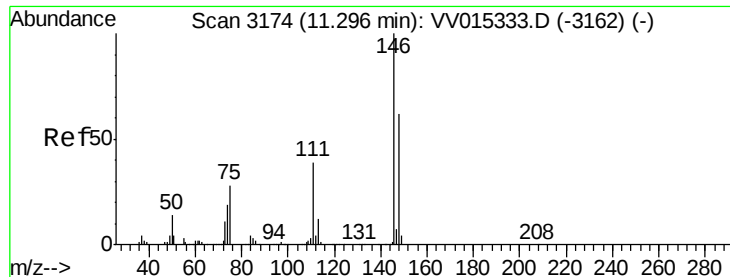
Delta R.T. 0.00 min

Lab File: VV015347.D

Acq: 01 Apr 2020 22:16

Tgt Ion:	146	Resp:	22868
Ion Ratio	Lower	Upper	
146	100		
111	43.9	30.2	56.2
148	66.7	44.7	83.1



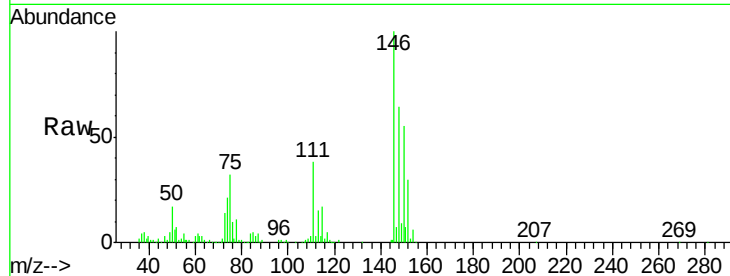


#63
 1,4-Dichlorobenzene
 Concen: 8.116 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: VV015347.D
 Acq: 01 Apr 2020 22:16

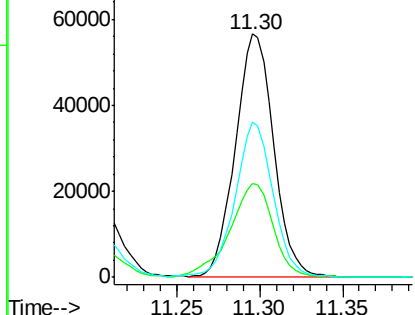
Instrument :
 MSVOA_V
 ClientSampleId :
 C0EK3

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	29.3	54.5
148	63.8	44.7	82.9

Manual Integrations
 APPROVED

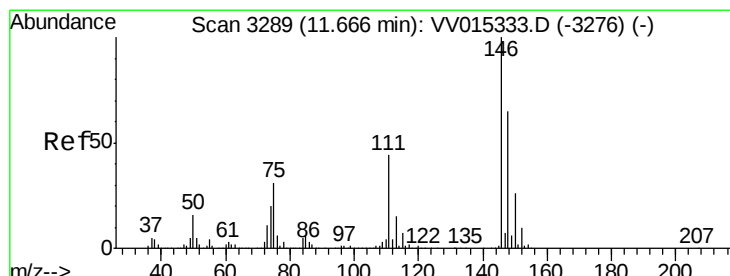
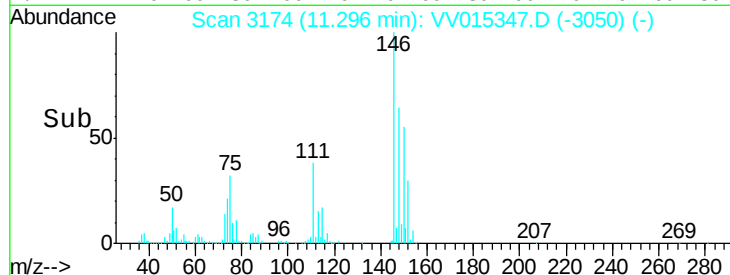


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



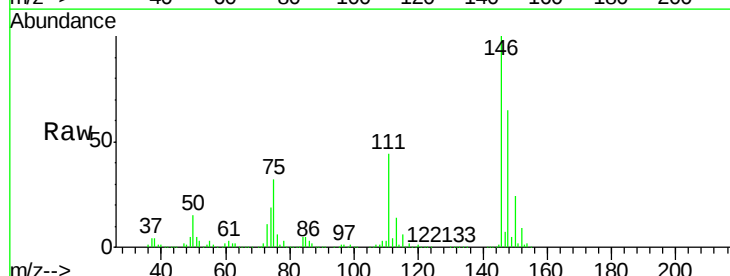
apatel

4/2/2020 4:27:08 PM

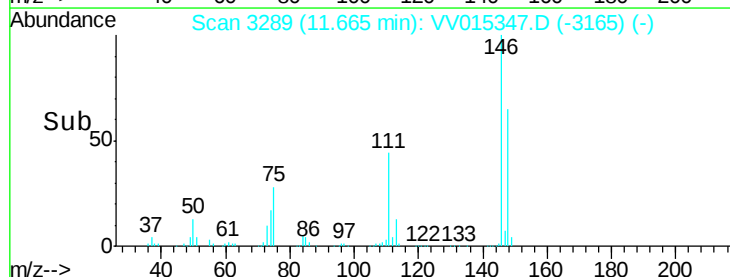
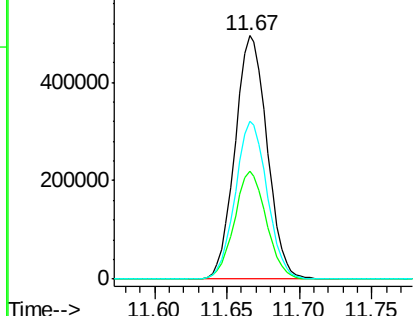


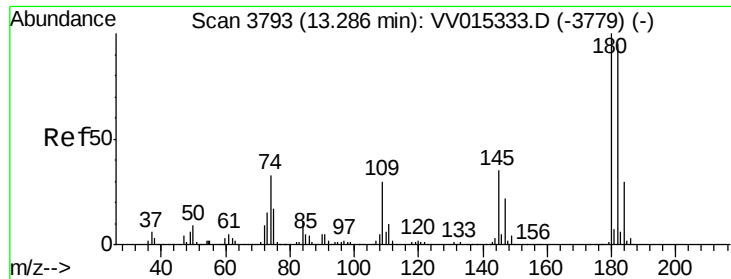
#65
 1,2-Dichlorobenzene
 Concen: 67.467 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV015347.D
 Acq: 01 Apr 2020 22:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.4	35.1	52.7
148	64.7	51.0	76.4



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V





#68

1,2,4-trichlorobenzene

Concen: 26.185 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. -0.00 min

Lab File: VV015347.D

Acq: 01 Apr 2020 22:16

Instrument :

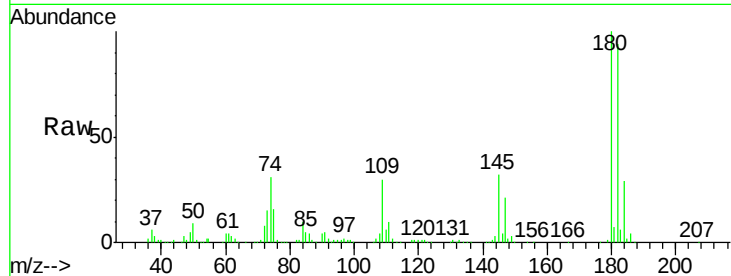
MSVOA_V

ClientSampled :

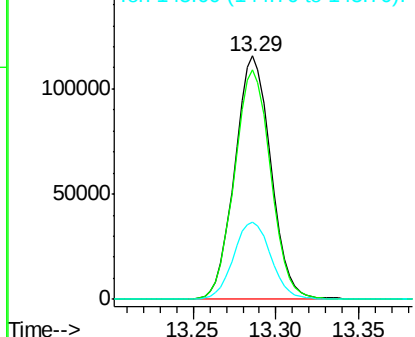
C0EK3

Tot Ion:	180	Resp:	175566
Ion Ratio	Lower	Upper	
180	100		
182	94.7	75.8	113.8
145	33.1	27.7	41.5

Manual Integrations
APPROVED

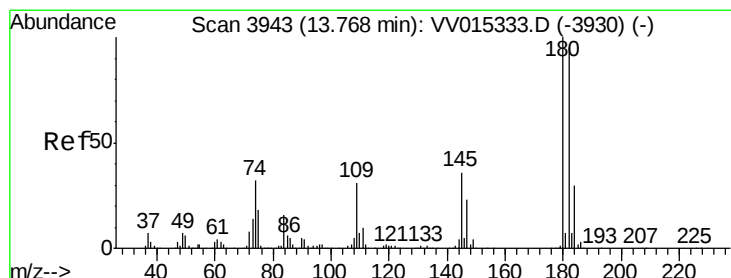
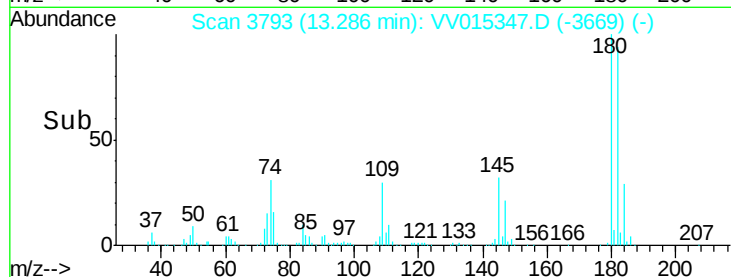


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V



apatel

4/2/2020 4:27:08 PM



#70

1,2,3-Trichlorobenzene

Concen: 21.493 ug/L

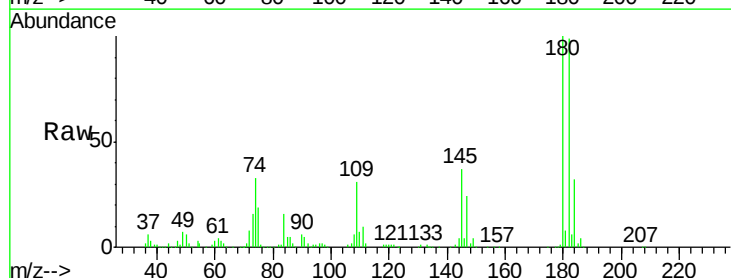
RT: 13.77 min Scan# 3943

Delta R.T. -0.00 min

Lab File: VV015347.D

Acq: 01 Apr 2020 22:16

Tgt Ion:	180	Resp:	148441
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.1	114.1
145	35.7	28.2	42.4



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

