

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032520\
 Data File : VV015159.D
 Acq On : 26 Mar 2020 01:22
 Operator : SY/MD
 Sample : L1968-14 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DF1

Manual Integrations
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Quant Time: Mar 26 05:36:27 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	604556	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	593098	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	269634	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	209754	41.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.00%
7) Chloroethane-d5	1.58	69	196842	42.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.98%
11) 1,1-Dichloroethene-d2	2.12	63	343891	34.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.06%
21) 2-Butanone-d5	3.94	46	298631	90.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.03%
24) Chloroform-d	4.38	84	366647	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.46%
26) 1,2-Dichloroethane-d4	5.06	65	249343	45.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.66%
32) Benzene-d6	5.08	84	748914	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.58%
36) 1,2-Dichloropropane-d6	6.09	67	239202	44.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.14%
41) Toluene-d8	7.34	98	722228	44.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.38%
43) trans-1,3-Dichloropropene-	7.64	79	113515	38.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.38%
47) 2-Hexanone-d5	8.12	63	235791	86.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.74%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	342319	42.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	258364m	42.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.68%

Target Compounds

					Ovalue
33) Benzene	5.13	78	68621	4.496	ug/L 100
51) Chlorobenzene	8.90	112	7589832	689.776	ug/L 96
62) 1,3-Dichlorobenzene	11.20	146	298958	37.856	ug/L 97
63) 1,4-Dichlorobenzene	11.30	146	1342989	166.923	ug/L 99
65) 1,2-Dichlorobenzene	11.67	146	2106402	264.366	ug/L 98
68) 1,2,4-trichlorobenzene	13.29	180	75011	14.970	ug/L 98
70) 1,2,3-Trichlorobenzene	13.77	180	10436	2.096	ug/L 88

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

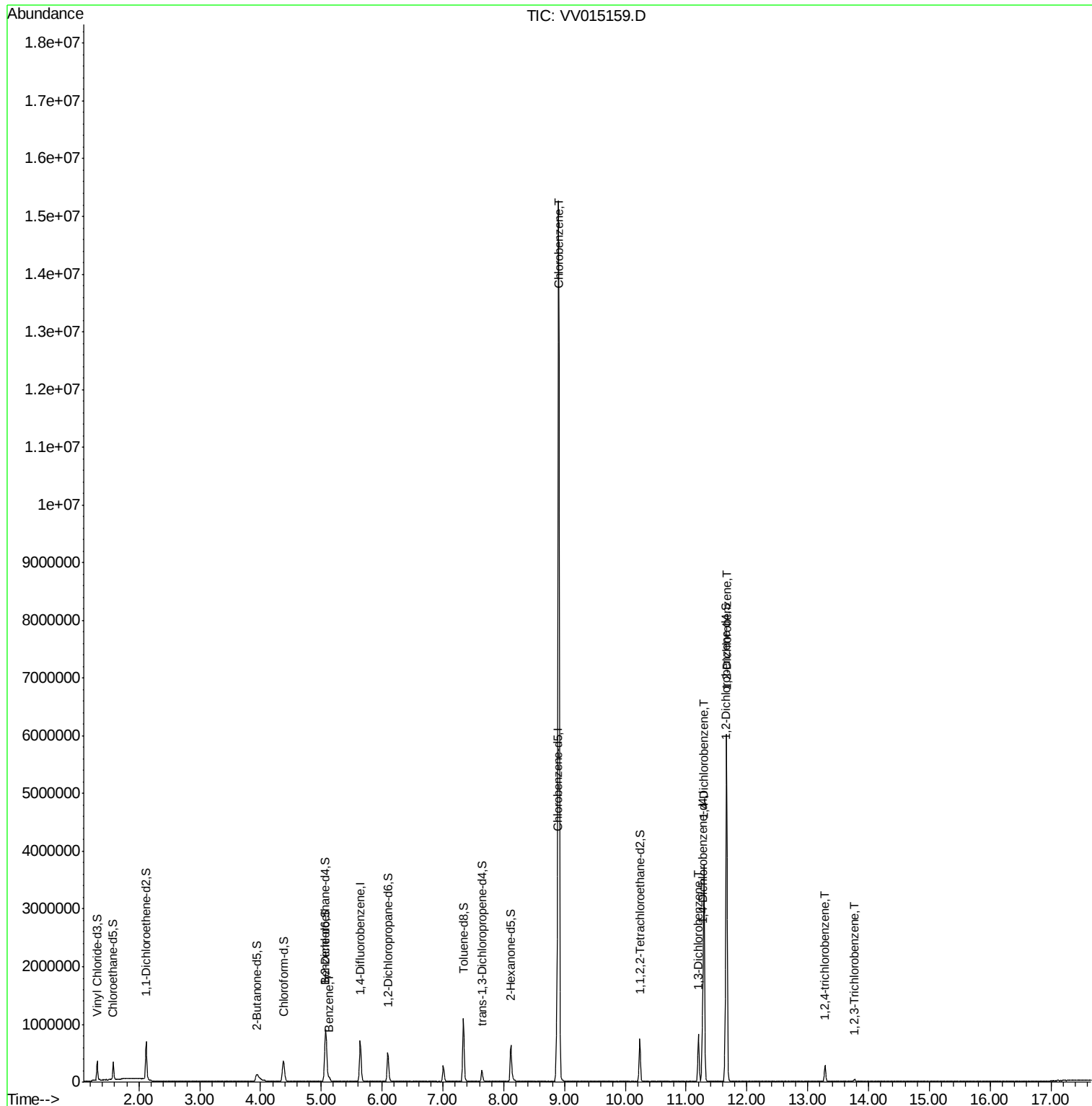
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV032520\
Data File : VV015159.D
Acq On : 26 Mar 2020 01:22
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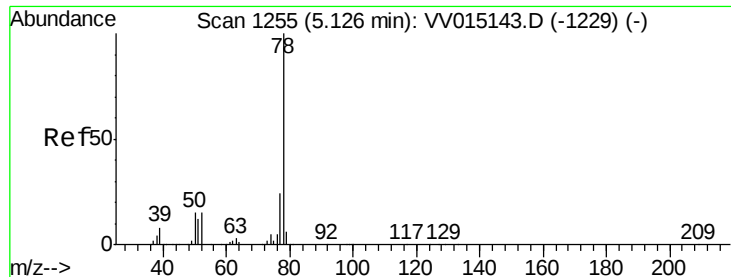
Instrument :
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QLast Update : Thu Mar 26 02:00:02 2020
Response via : Initial Calibration





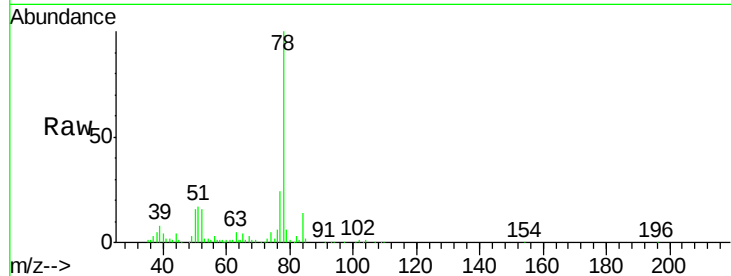
#33
Benzene
Concen: 4.496 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VV015159.D
Acq: 26 Mar 2020 01:22

Instrument :
MSVOA_V
ClientSampled :
C0DF1

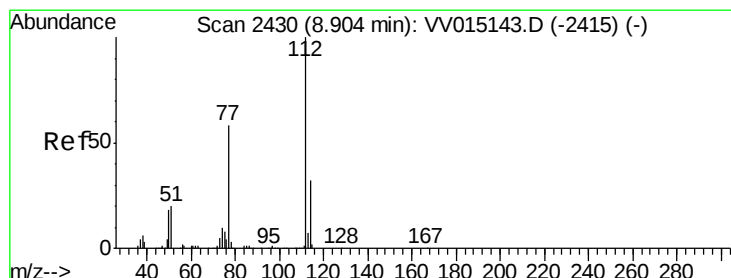
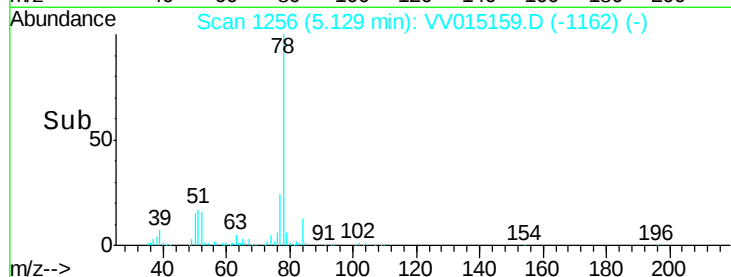
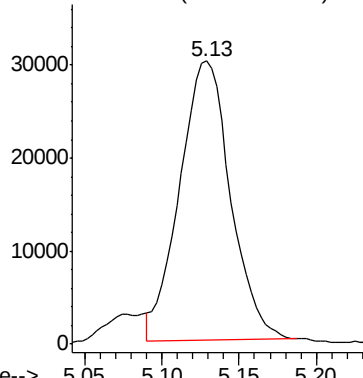
Tgt Ion: 78 Resp: 68621

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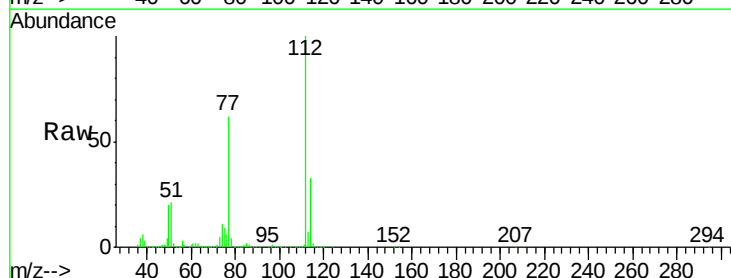


Abundance Ion 78.00 (77.70 to 78.70): VV0



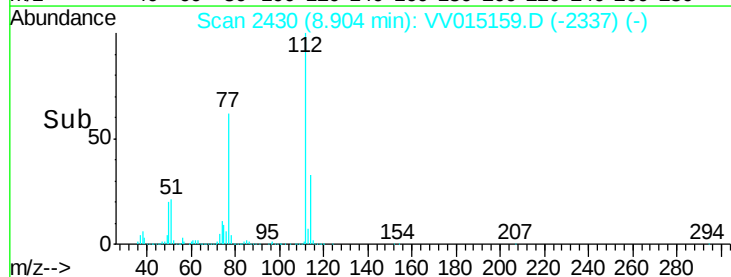
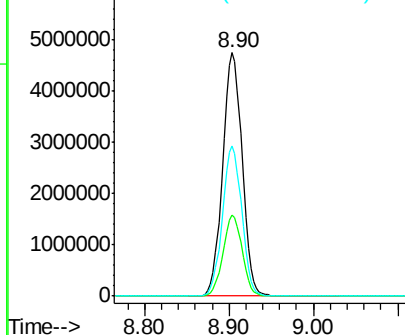
#51
Chlorobenzene
Concen: 689.776 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015159.D
Acq: 26 Mar 2020 01:22

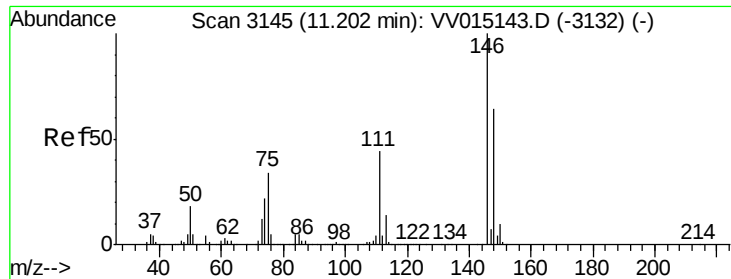
Tgt Ion: 112 Resp: 7589832
Ion Ratio Lower Upper
112 100
114 33.2 22.0 40.8
77 61.8 47.2 70.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 37.856 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV015159.D

Acq: 26 Mar 2020 01:22

Instrument :

MSVOA_V

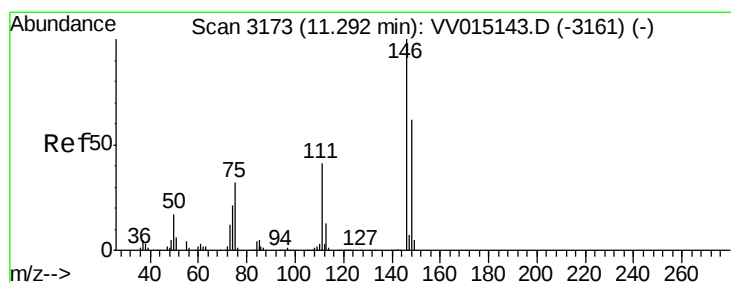
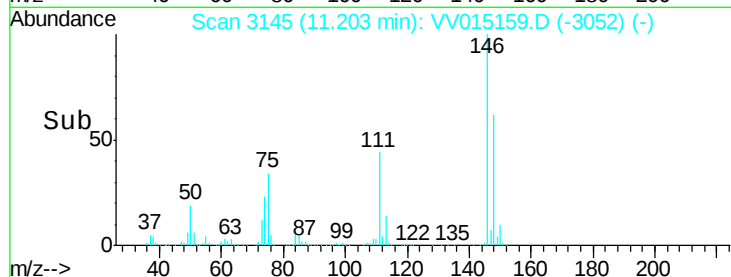
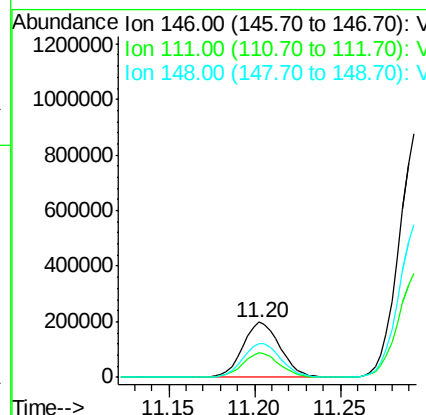
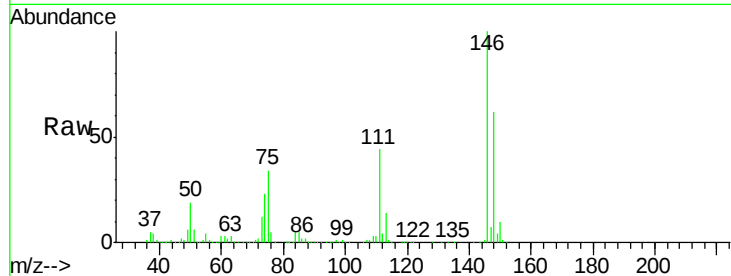
ClientSampled :

C0DF1

Tot Ion:	146	Resp:	298958
Ion Ratio	Lower	Upper	
146	100		
111	44.4	29.3	54.5
148	62.3	44.7	82.9

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#63

1,4-Dichlorobenzene

Concen: 166.923 ug/L

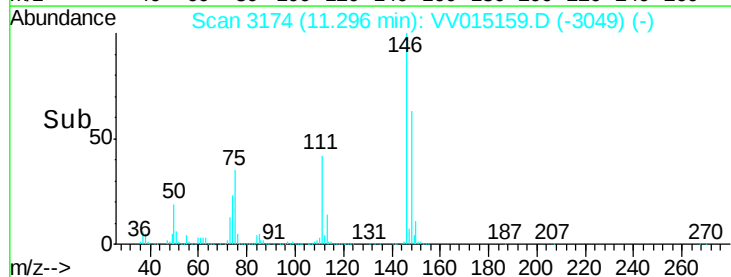
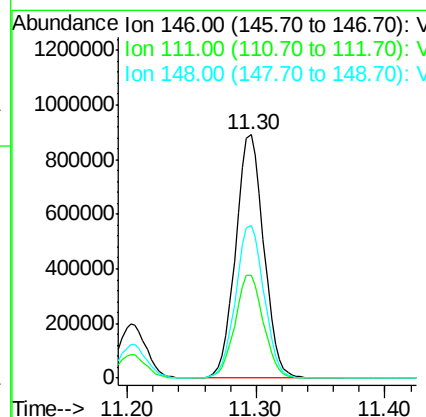
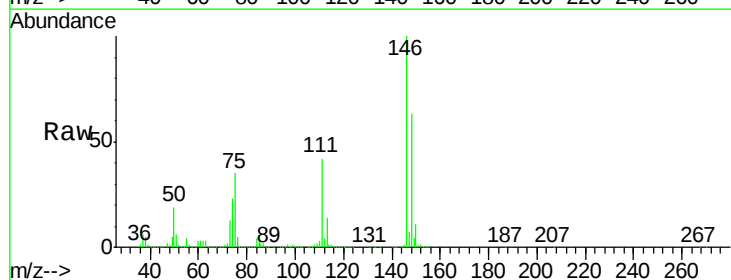
RT: 11.30 min Scan# 3174

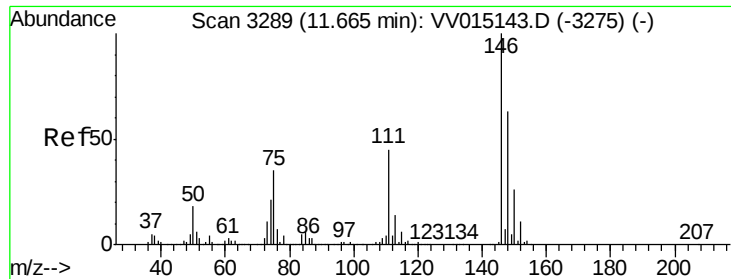
Delta R.T. 0.00 min

Lab File: VV015159.D

Acq: 26 Mar 2020 01:22

Tgt Ion:	146	Resp:	1342989
Ion Ratio	Lower	Upper	
146	100		
111	42.1	28.4	52.8
148	62.8	44.0	81.8





#65

1,2-Dichlorobenzene

Concen: 264.366 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV015159.D

Acq: 26 Mar 2020 01:22

Instrument :

MSVOA_V

ClientSampled :

C0DF1

Tot Ion:146 Resp: 2106402

Ion Ratio Lower Upper

146 100

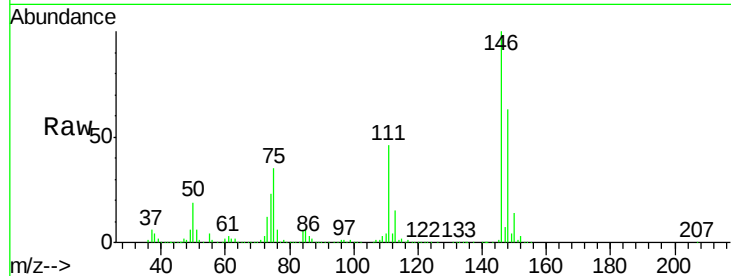
111 46.1 35.4 53.2

148 63.3 49.7 74.5

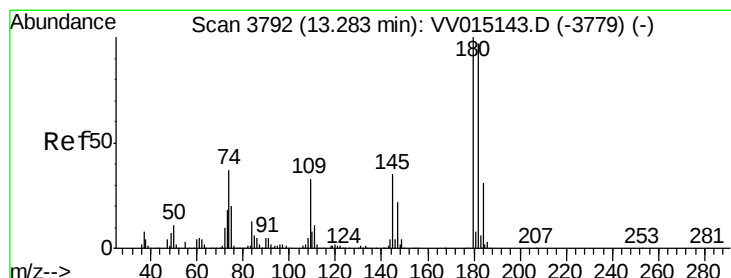
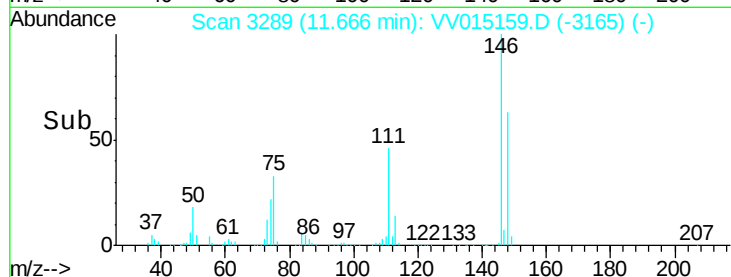
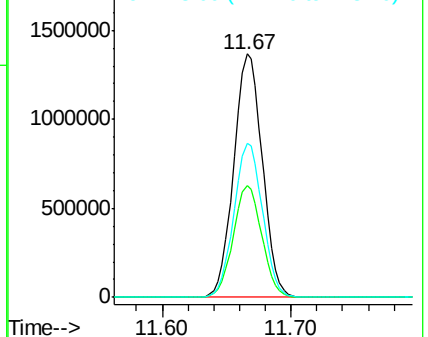
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Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#68

1,2,4-trichlorobenzene

Concen: 14.970 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV015159.D

Acq: 26 Mar 2020 01:22

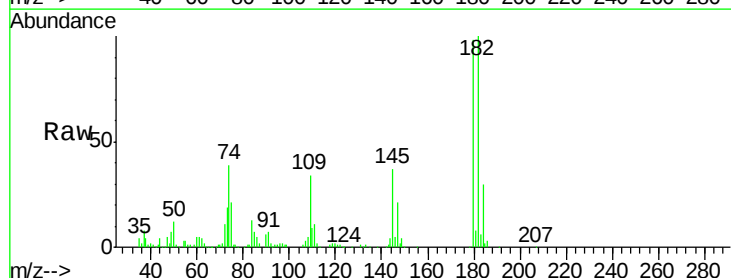
Tgt Ion:180 Resp: 75011

Ion Ratio Lower Upper

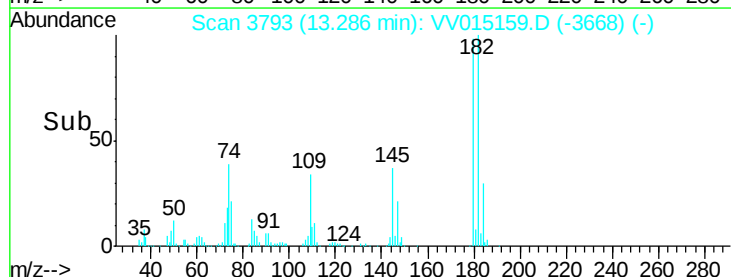
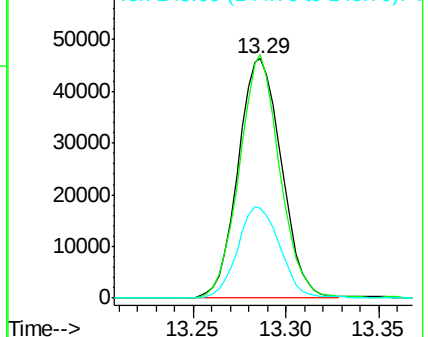
180 100

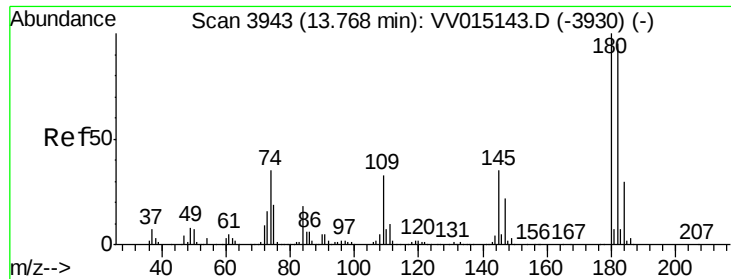
182 95.2 76.1 114.1

145 37.2 26.6 40.0



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





#70
 1,2,3-Trichlorobenzene
 Concen: 2.096 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV015159.D
 Acq: 26 Mar 2020 01:22

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DF1

Tot Ion	Ratio	Lower	Upper
180	100		
182	80.7	76.3	114.5
145	39.7	29.6	44.4

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