

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102120\
 Data File : VV019057.D
 Acq On : 21 Oct 2020 18:31
 Operator : SY/MD
 Sample : L4483-05DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FH3DL

Quant Time: Oct 22 08:03:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 06:00:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	289783	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327347	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155278	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	128349	53.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.62%
7) Chloroethane-d5	1.58	69	98896	52.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.66%
11) 1,1-Dichloroethene-d2	2.12	63	194101	43.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.20%
21) 2-Butanone-d5	3.91	46	159150	95.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.72%
24) Chloroform-d	4.38	84	198512	46.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.64%
26) 1,2-Dichloroethane-d4	5.06	65	146130	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.74%
32) Benzene-d6	5.07	84	394793	41.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.62%
36) 1,2-Dichloropropane-d6	6.09	67	154094	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.86%
41) Toluene-d8	7.34	98	406637	47.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.86%
43) trans-1,3-Dichloropropene-	7.64	79	71292	47.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.48%
47) 2-Hexanone-d5	8.11	63	104634	92.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.19%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	169792	47.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	167853	53.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.26%

Target Compounds

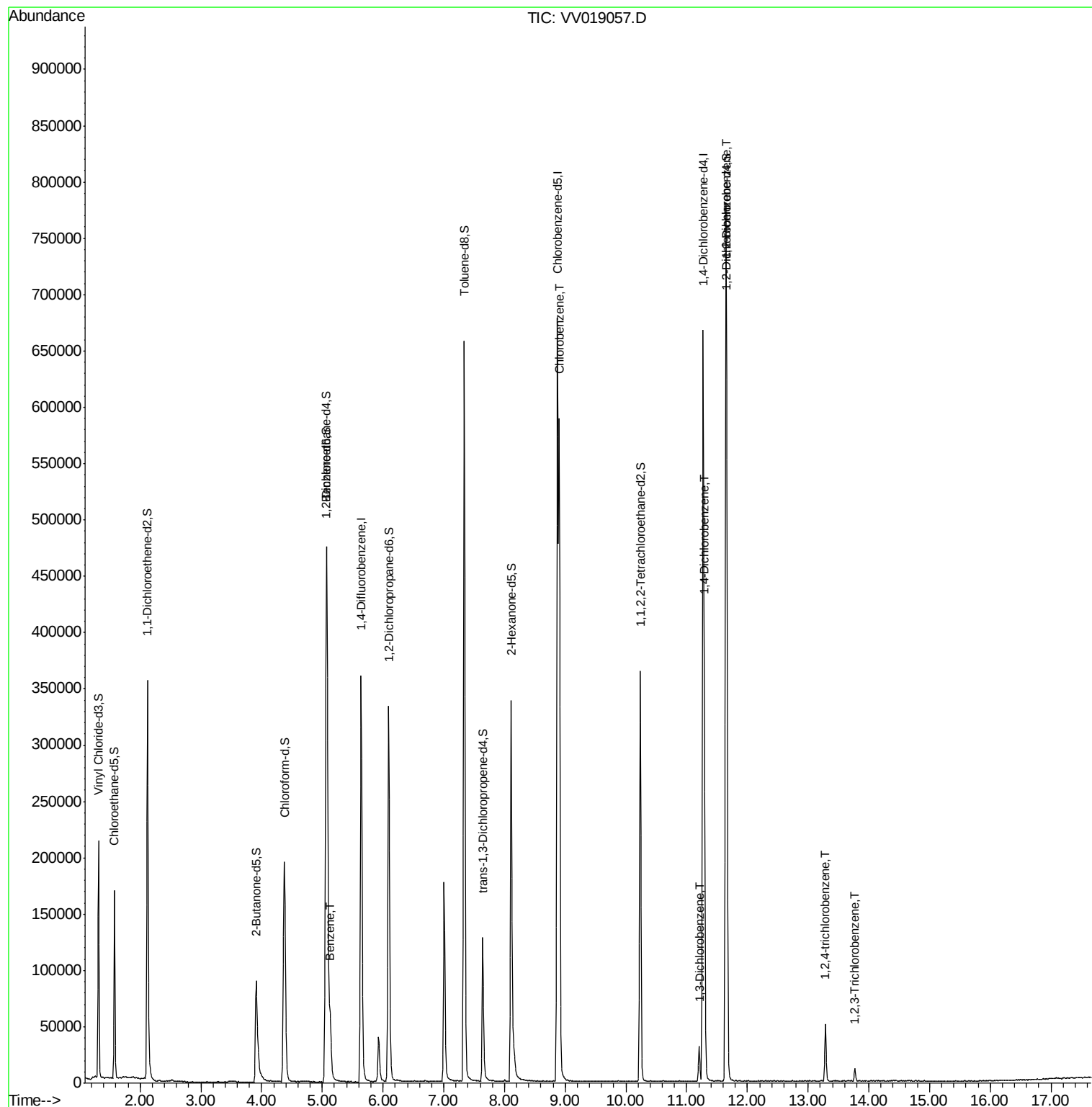
					Ovalue
33) Benzene	5.13	78	59345	5.914	ug/L 100
51) Chlorobenzene	8.90	112	279838	41.415	ug/L 99
62) 1,3-Dichlorobenzene	11.21	146	12479	2.592	ug/L 98
63) 1,4-Dichlorobenzene	11.30	146	101443	20.044	ug/L 100
65) 1,2-Dichlorobenzene	11.67	146	135823	27.966	ug/L 99
68) 1,2,4-trichlorobenzene	13.29	180	14601	4.900	ug/L 97
70) 1,2,3-Trichlorobenzene	13.77	180	3306	1.110	ug/L 92

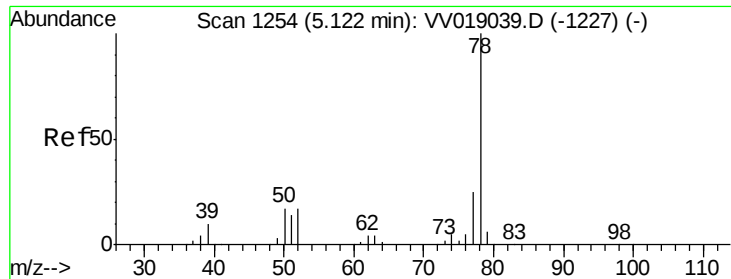
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 22 06:00:52 2020
Response via : Initial Calibration





#33

Benzene

Concen: 5.914 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV019057.D

Acq: 21 Oct 2020 18:31

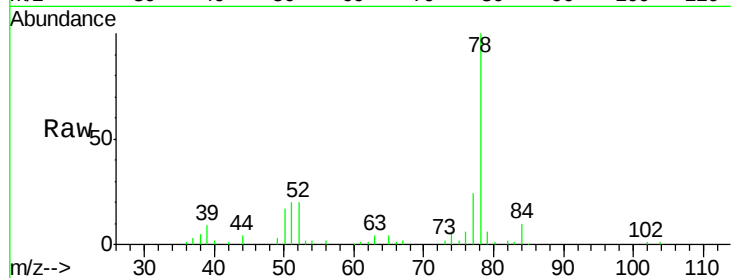
Instrument :

MSVOA_V

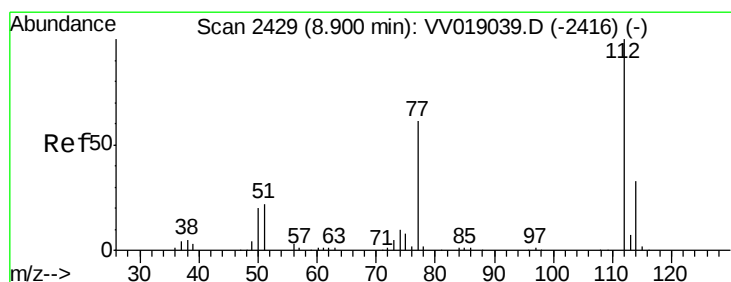
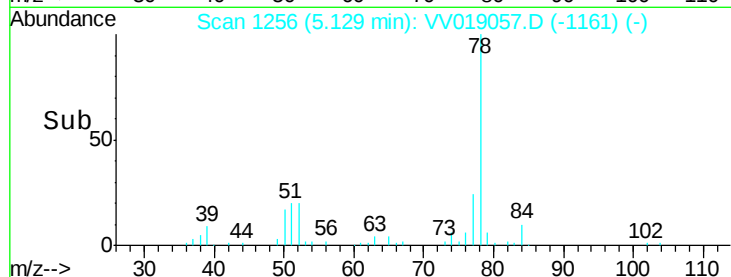
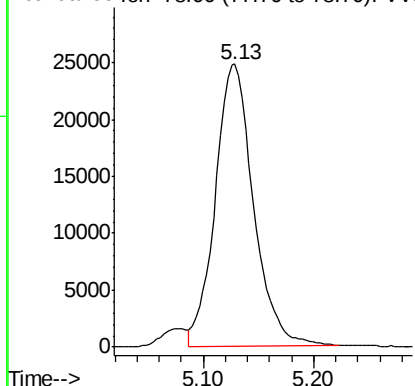
ClientSampleId :

C0FH3DL

Tgt Ion: 78 Resp: 59345



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 41.415 ug/L

RT: 8.90 min Scan# 2430

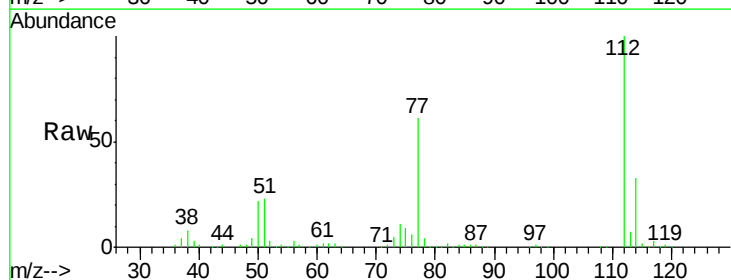
Delta R.T. 0.00 min

Lab File: VV019057.D

Acq: 21 Oct 2020 18:31

Tgt Ion: 112 Resp: 279838

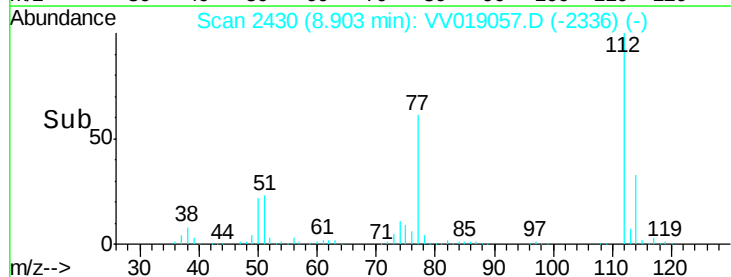
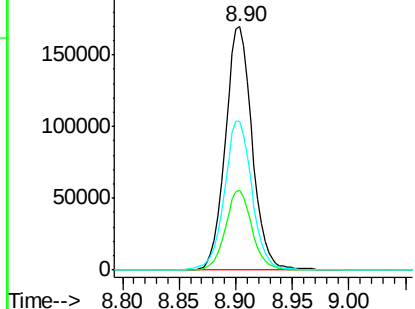
Ion	Ratio	Lower	Upper
112	100		
114	32.6	21.8	40.6
77	60.9	49.2	73.8

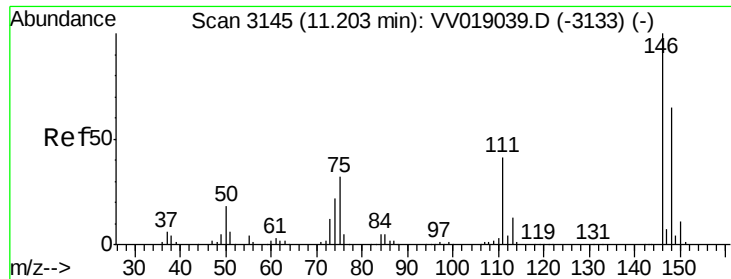


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

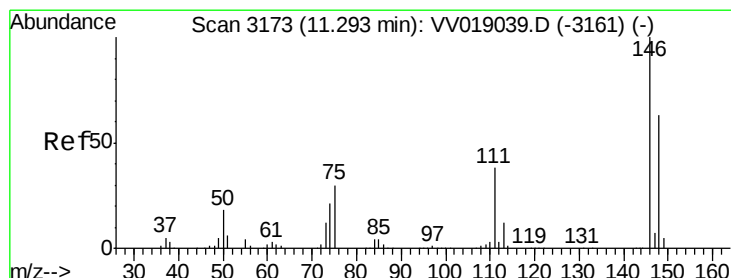
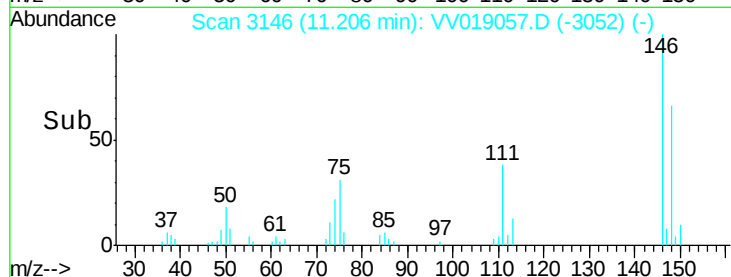
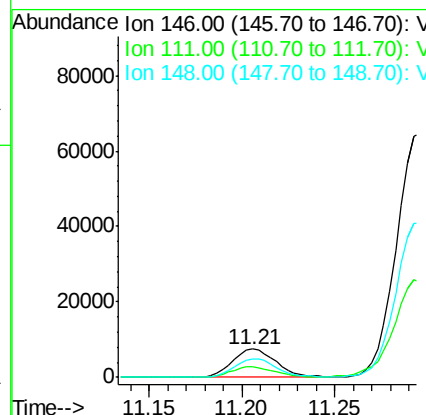
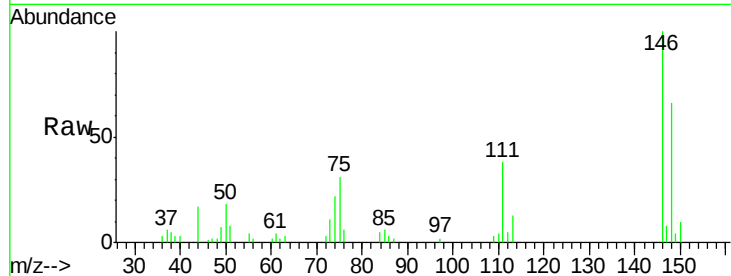




#62
 1,3-Dichlorobenzene
 Concen: 2.592 ug/L
 RT: 11.21 min Scan# 3146
 Delta R.T. 0.00 min
 Lab File: VV019057.D
 Acq: 21 Oct 2020 18:31

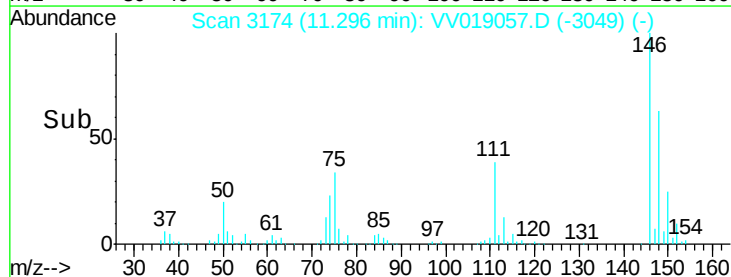
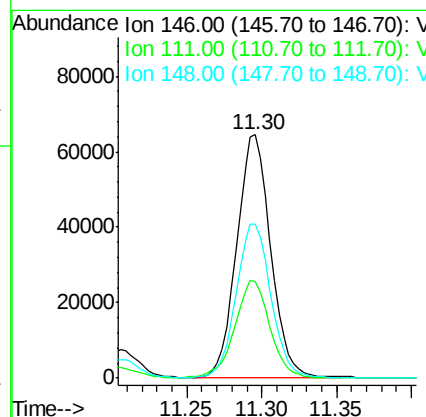
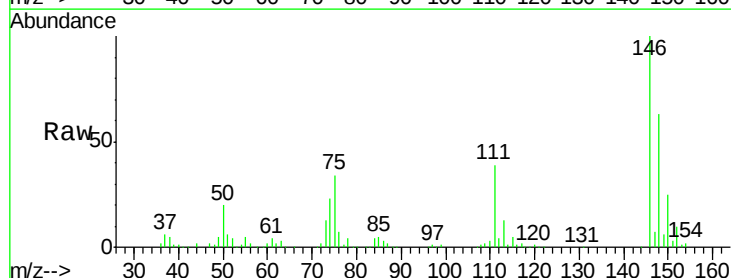
Instrument :
 MSVOA_V
 ClientSampleId :
 C0FH3DL

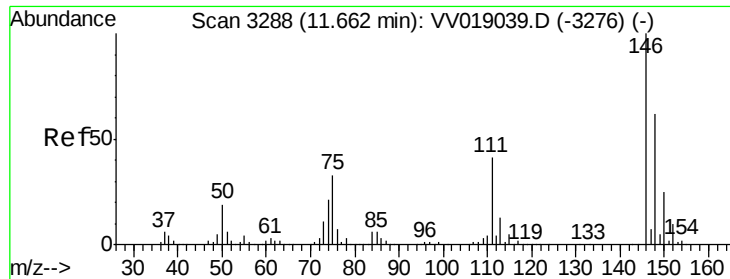
Tot Ion:146 Resp: 12479
 Ion Ratio Lower Upper
 146 100
 111 38.4 28.3 52.7
 148 65.8 45.1 83.7



#63
 1,4-Dichlorobenzene
 Concen: 20.044 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV019057.D
 Acq: 21 Oct 2020 18:31

Tgt Ion:146 Resp: 101443
 Ion Ratio Lower Upper
 146 100
 111 39.4 27.5 51.1
 148 63.4 44.1 81.9





#65

1,2-Dichlorobenzene

Concen: 27.966 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV019057.D

Acq: 21 Oct 2020 18:31

Instrument :

MSVOA_V

ClientSampleId :

C0FH3DL

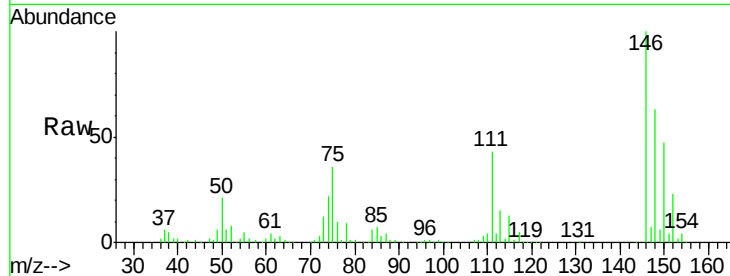
Tot Ion:146 Resp: 135823

Ion Ratio Lower Upper

146 100

111 42.5 33.9 50.9

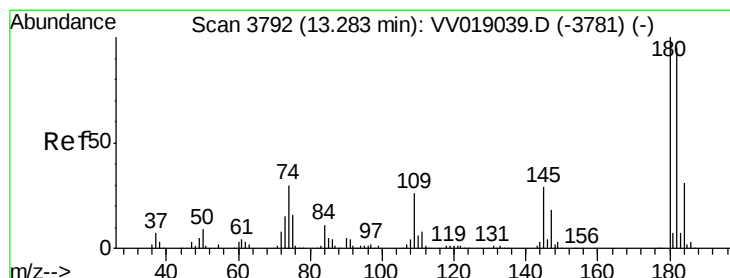
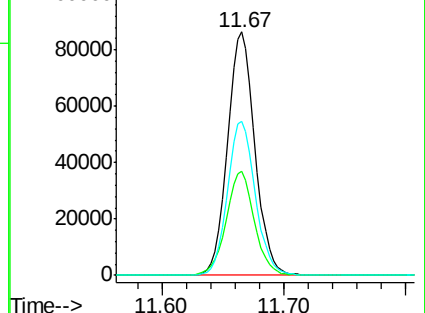
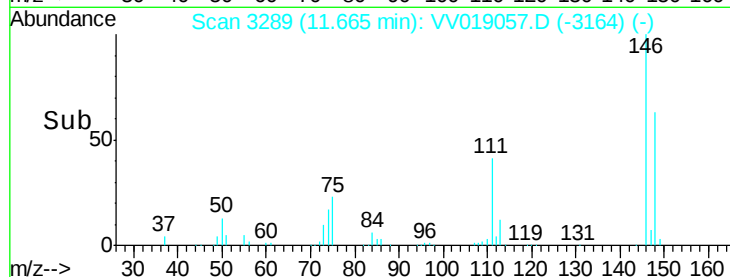
148 63.4 49.8 74.8



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: 4.900 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV019057.D

Acq: 21 Oct 2020 18:31

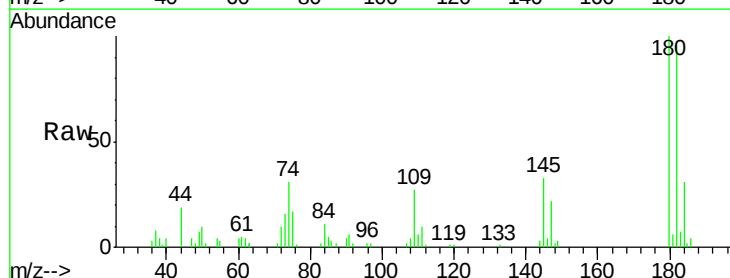
Tgt Ion:180 Resp: 14601

Ion Ratio Lower Upper

180 100

182 97.9 76.5 114.7

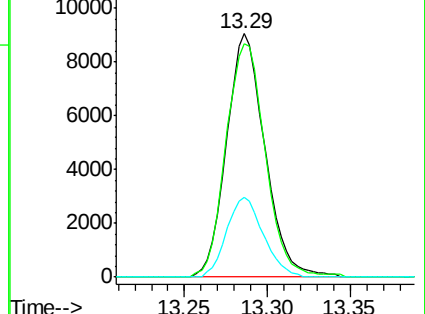
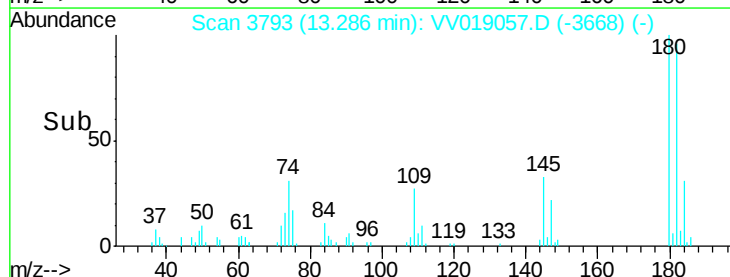
145 31.5 23.7 35.5

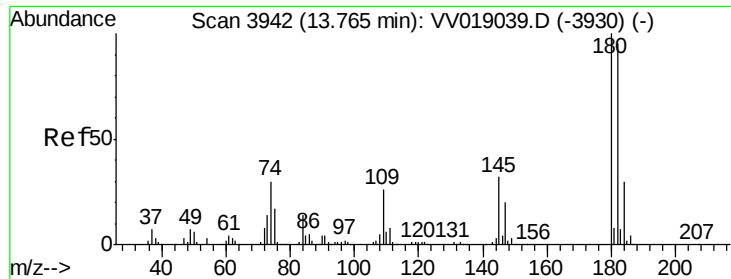


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

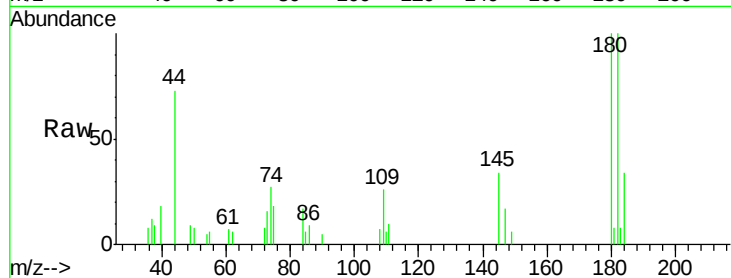




#70
 1,2,3-Trichlorobenzene
 Concen: 1.110 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV019057.D
 Acq: 21 Oct 2020 18:31

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FH3DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	106.1	76.8	115.2
145	32.3	25.4	38.0



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

