

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121820\
 Data File : VV019709.D
 Acq On : 18 Dec 2020 18:56
 Operator : SY/MD
 Sample : L5101-05DL 400X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FX1DL

Quant Time: Dec 19 08:10:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 05:26:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	591244	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	555712	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	256870	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	176682	41.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.34%
7) Chloroethane-d5	1.57	69	153953	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.08%
11) 1,1-Dichloroethene-d2	2.11	63	266436	33.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.72%
21) 2-Butanone-d5	3.90	46	309428	134.28	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	134.28%#
24) Chloroform-d	4.35	84	351919	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.12%
26) 1,2-Dichloroethane-d4	5.04	65	248876	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
32) Benzene-d6	5.05	84	704821	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
36) 1,2-Dichloropropane-d6	6.07	67	230161	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.14%
41) Toluene-d8	7.32	98	609084	45.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.28%
43) trans-1,3-Dichloropropene-	7.62	79	109346	41.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.82%
47) 2-Hexanone-d5	8.09	63	209045	114.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.72%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	293884	46.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.63	152	234402	48.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.64%

Target Compounds

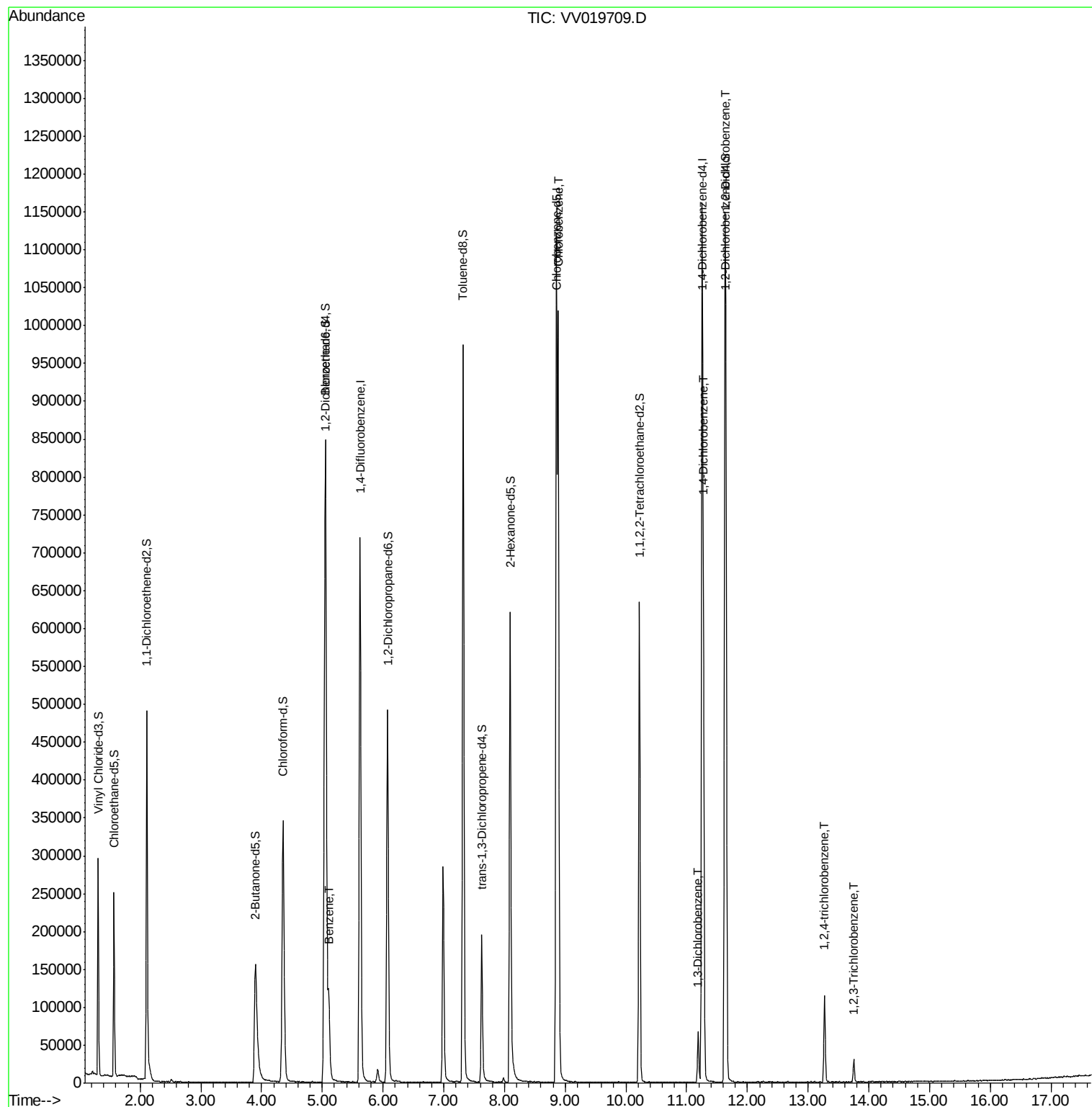
					Ovalue
33) Benzene	5.11	78	121187	7.462	ug/L 100
51) Chlorobenzene	8.88	112	481075	44.003	ug/L 99
62) 1,3-Dichlorobenzene	11.19	146	25294	3.209	ug/L 97
63) 1,4-Dichlorobenzene	11.28	146	182072	22.815	ug/L 99
65) 1,2-Dichlorobenzene	11.65	146	232329	29.834	ug/L 99
68) 1,2,4-trichlorobenzene	13.27	180	31230	5.999	ug/L 96
70) 1,2,3-Trichlorobenzene	13.75	180	7861	1.545	ug/L 98

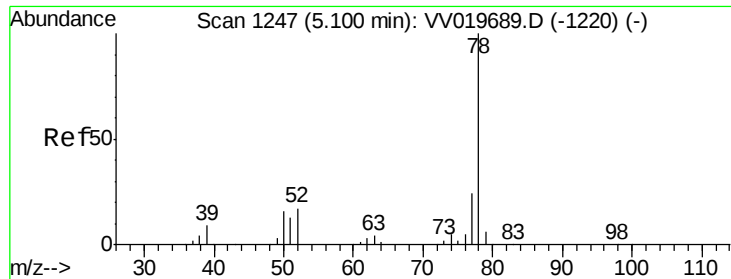
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 19 05:26:51 2020
Response via : Initial Calibration





#33

Benzene

Concen: 7.462 ug/L

RT: 5.11 min Scan# 1249

Delta R.T. 0.01 min

Lab File: VV019709.D

Acq: 18 Dec 2020 18:56

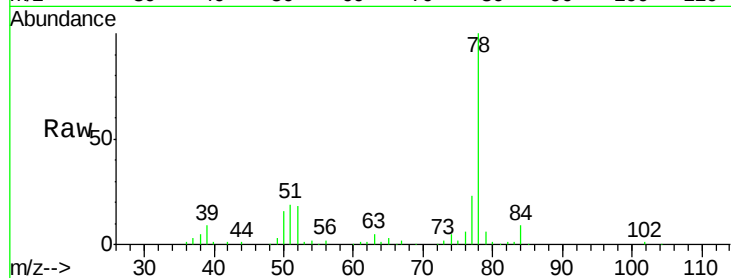
Instrument :

MSVOA_V

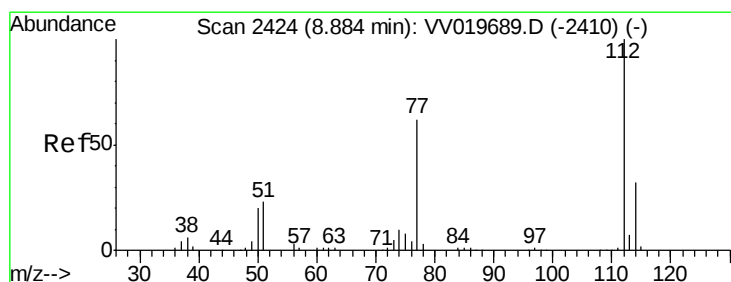
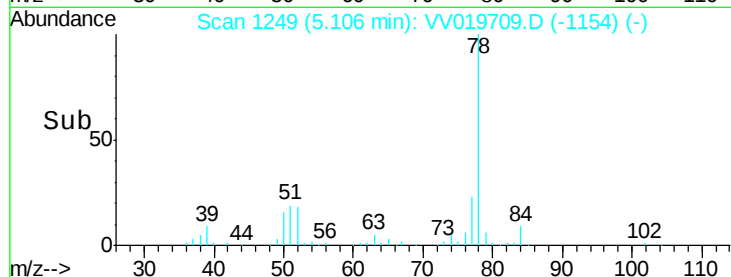
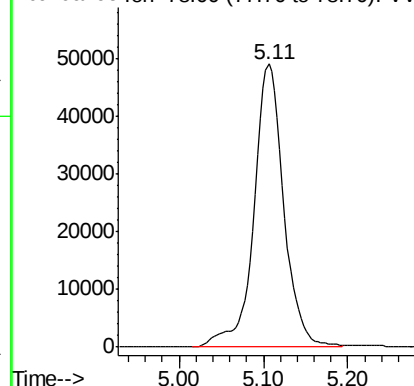
ClientSampleId :

C0FX1DL

Tgt Ion: 78 Resp: 121187



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 44.003 ug/L

RT: 8.88 min Scan# 2424

Delta R.T. -0.00 min

Lab File: VV019709.D

Acq: 18 Dec 2020 18:56

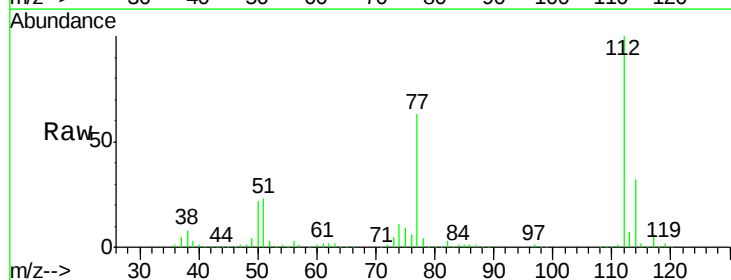
Tgt Ion: 112 Resp: 481075

Ion Ratio Lower Upper

112 100

114 32.5 22.2 41.2

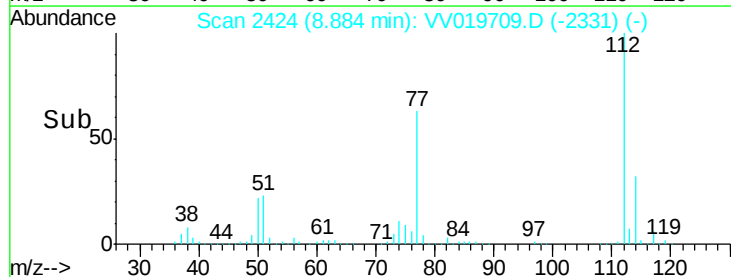
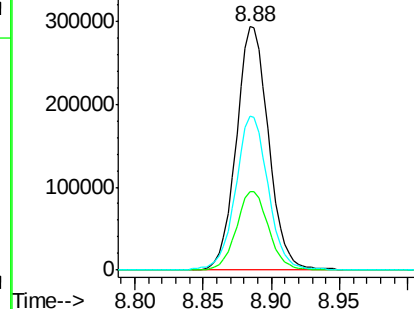
77 63.3 50.6 75.8

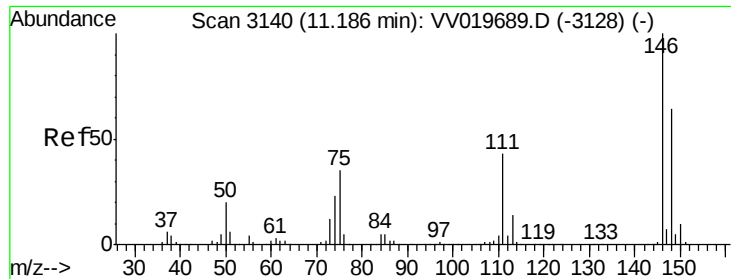


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

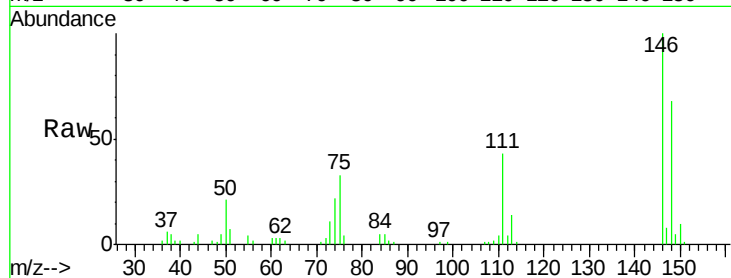




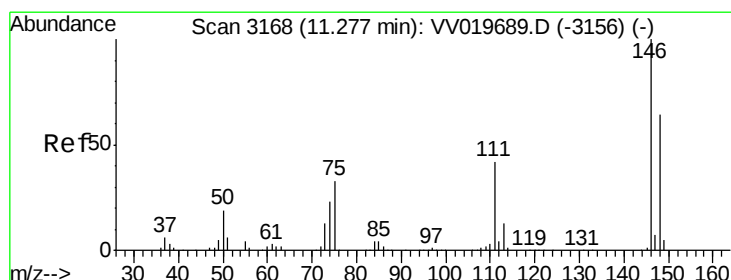
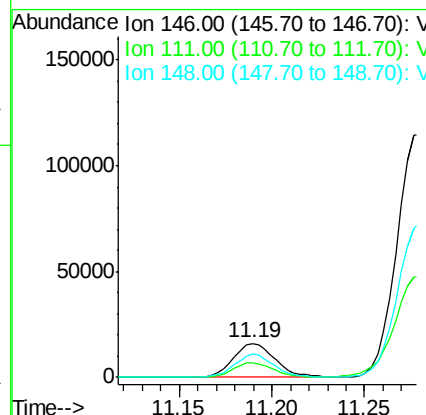
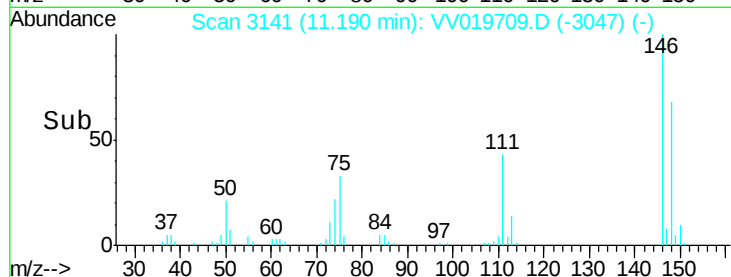
#62
 1,3-Dichlorobenzene
 Concen: 3.209 ug/L
 RT: 11.19 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: VV019709.D
 Acq: 18 Dec 2020 18:56

Instrument :
 MSVOA_V
 ClientSampled :
 C0FX1DL

Tot Ion:146 Resp: 25294
 Ion Ratio Lower Upper
 146 100
 111 43.1 30.7 57.1
 148 67.6 45.3 84.1

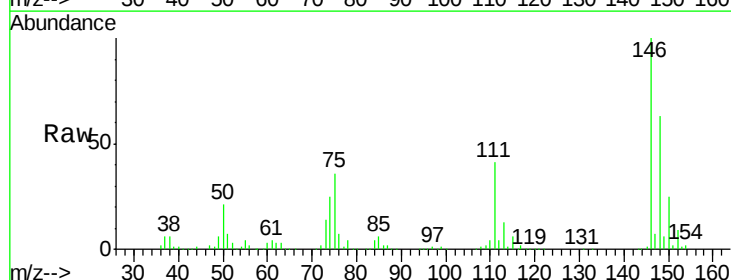


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

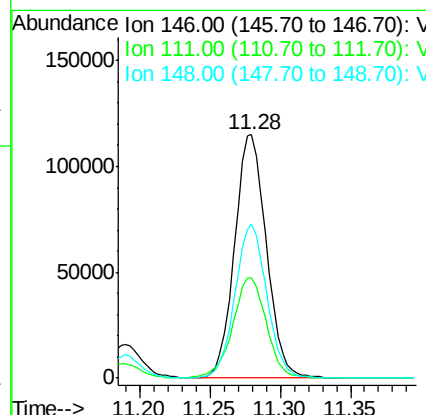
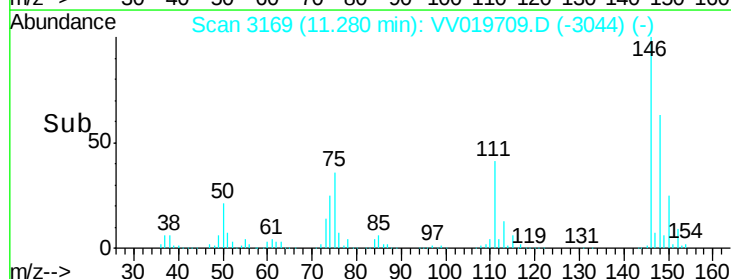


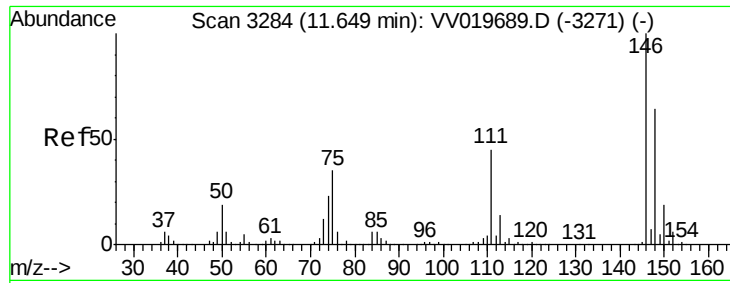
#63
 1,4-Dichlorobenzene
 Concen: 22.815 ug/L
 RT: 11.28 min Scan# 3169
 Delta R.T. 0.00 min
 Lab File: VV019709.D
 Acq: 18 Dec 2020 18:56

Tgt Ion:146 Resp: 182072
 Ion Ratio Lower Upper
 146 100
 111 41.0 29.8 55.4
 148 63.1 44.2 82.0



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

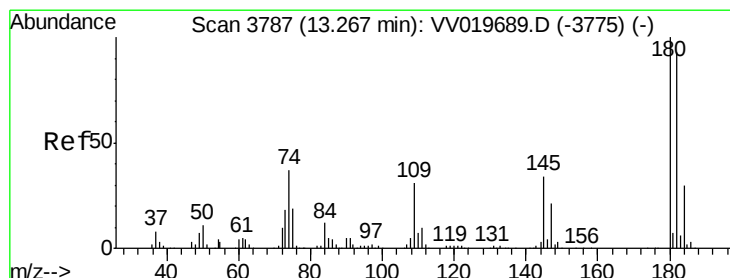
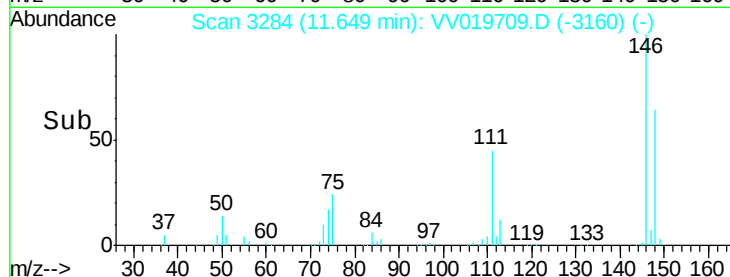
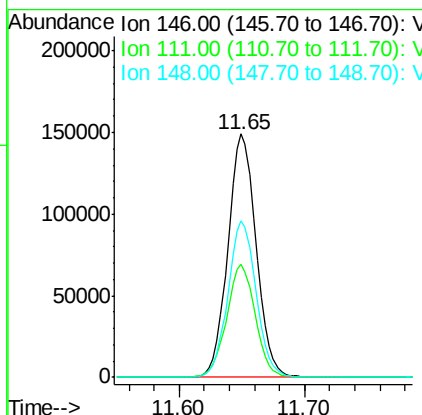
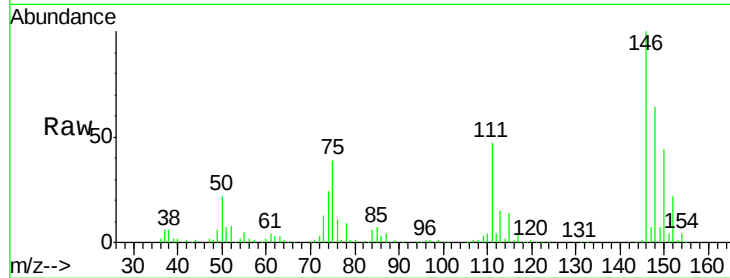




#65
 1,2-Dichlorobenzene
 Concen: 29.834 ug/L
 RT: 11.65 min Scan# 3284
 Delta R.T. -0.00 min
 Lab File: VV019709.D
 Acq: 18 Dec 2020 18:56

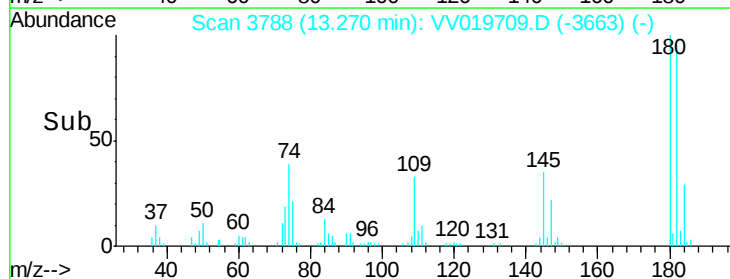
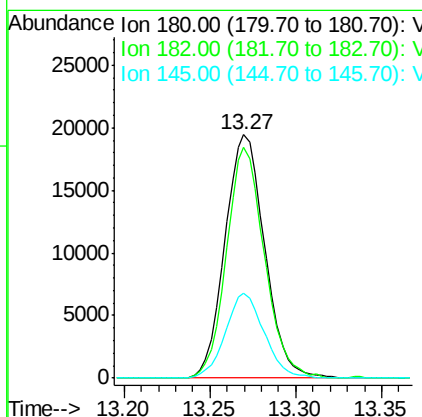
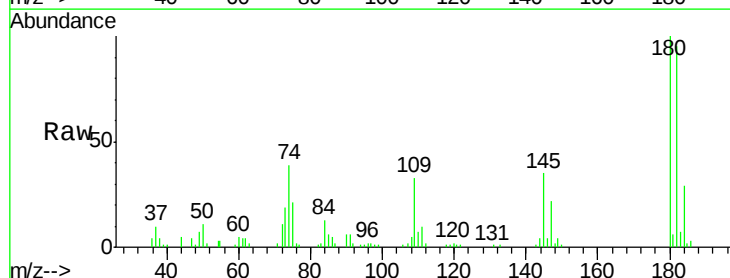
Instrument :
 MSVOA_V
 ClientSampleId :
 C0FX1DL

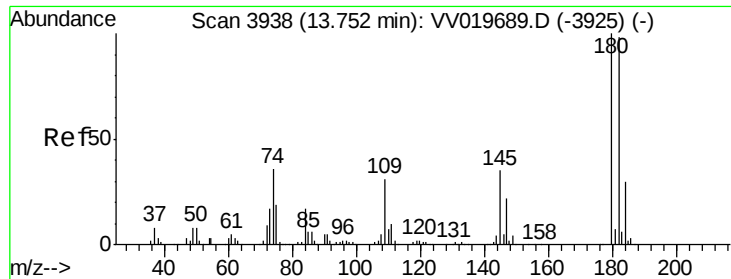
Tot Ion:146 Resp: 232329
 Ion Ratio Lower Upper
 146 100
 111 46.5 36.6 55.0
 148 64.2 50.7 76.1



#68
 1,2,4-trichlorobenzene
 Concen: 5.999 ug/L
 RT: 13.27 min Scan# 3788
 Delta R.T. 0.00 min
 Lab File: VV019709.D
 Acq: 18 Dec 2020 18:56

Tgt Ion:180 Resp: 31230
 Ion Ratio Lower Upper
 180 100
 182 90.6 76.5 114.7
 145 33.9 27.0 40.6

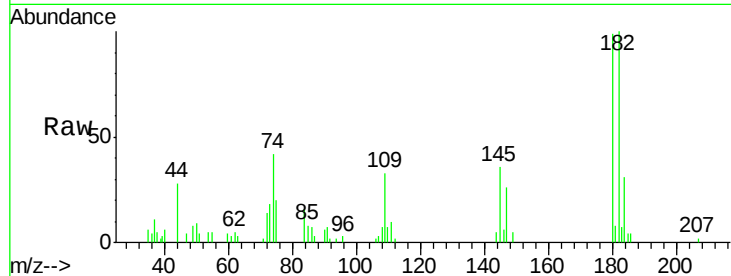




#70
 1,2,3-Trichlorobenzene
 Concen: 1.545 ug/L
 RT: 13.75 min Scan# 3938
 Delta R.T. -0.00 min
 Lab File: VV019709.D
 Acq: 18 Dec 2020 18:56

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FX1DL

Tot Ion:	180	Resp:	7861
Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.8	113.6
145	36.3	29.1	43.7



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

