

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112618\
 Data File : VV008723.D
 Acq On : 26 Nov 2018 19:50
 Operator : SY/MD
 Sample : J6036-05DL 200X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0928DL

Quant Time: Nov 27 04:47:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 27 03:11:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	287850	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	264015	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	115077	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82738	40.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.48%
7) Chloroethane-d5	1.57	69	61588	55.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.04%
11) 1,1-Dichloroethene-d2	2.13	63	114444	34.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.30%
21) 2-Butanone-d5	3.93	46	151192	91.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.35%
24) Chloroform-d	4.41	84	185383	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.14%
26) 1,2-Dichloroethane-d4	5.09	65	122546	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.16%
32) Benzene-d6	5.10	84	388361	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
36) 1,2-Dichloropropane-d6	6.12	67	122842	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.70%
41) Toluene-d8	7.36	98	349708	47.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.88%
43) trans-1,3-Dichloropropene-	7.67	79	51558	44.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.80%
47) 2-Hexanone-d5	8.13	63	96719	83.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	152043	43.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.84%
64) 1,2-Dichlorobenzene-d4	11.68	152	125526	49.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.94%

Target Compounds

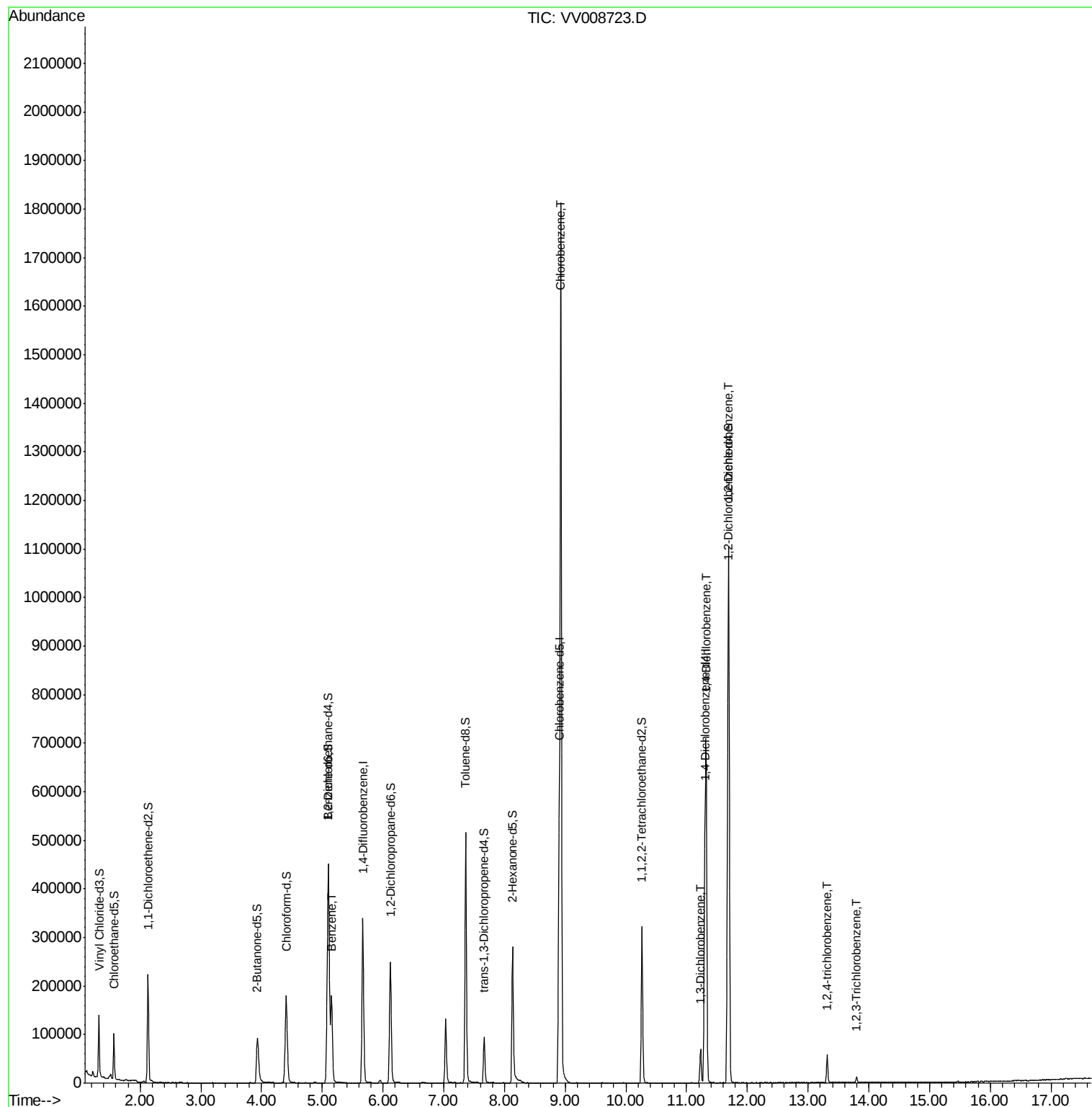
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
33) Benzene	5.15	78	177962	20.966	ug/L	100
51) Chlorobenzene	8.93	112	954040	169.881	ug/L	92
62) 1,3-Dichlorobenzene	11.23	146	29594	7.675	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	273741	69.655	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	390627	98.144	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	17419	8.550	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	3804	1.816	ug/L	96

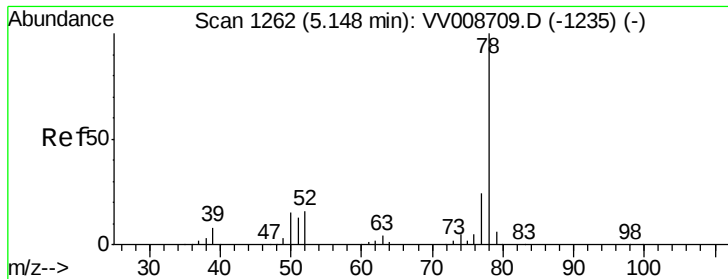
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 27 03:11:05 2018
Response via : Initial Calibration





#33

Benzene

Concen: 20.966 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VV008723.D

Acq: 26 Nov 2018 19:50

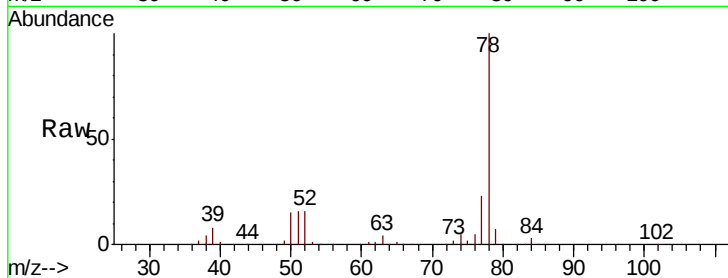
Instrument :

MSVOA_V

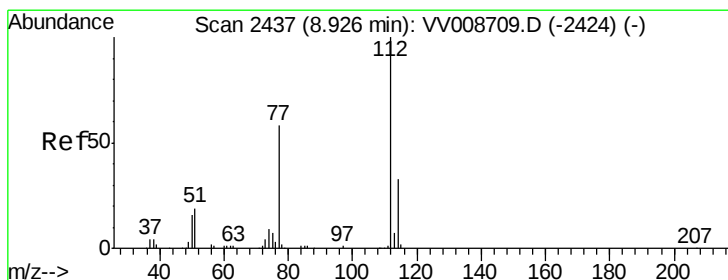
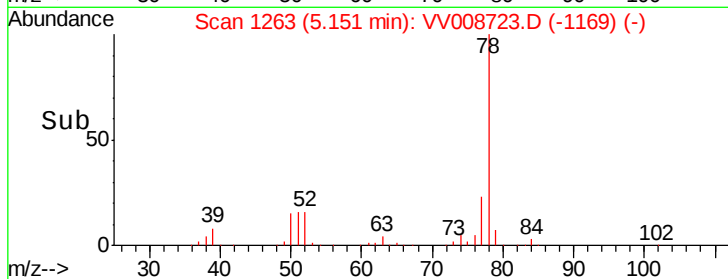
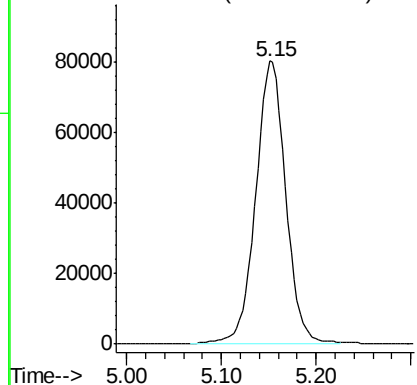
ClientSampleID :

C0928DL

Tgt Ion: 78 Resp: 177962



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 169.881 ug/L

RT: 8.93 min Scan# 2437

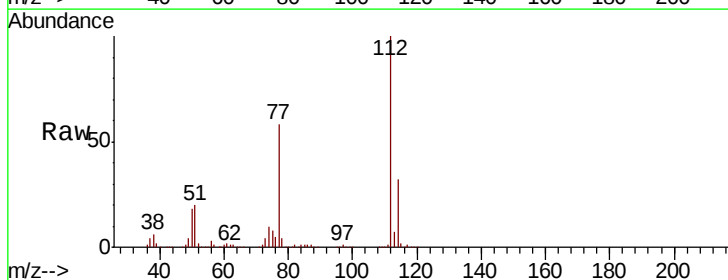
Delta R.T. -0.00 min

Lab File: VV008723.D

Acq: 26 Nov 2018 19:50

Tgt Ion: 112 Resp: 954040

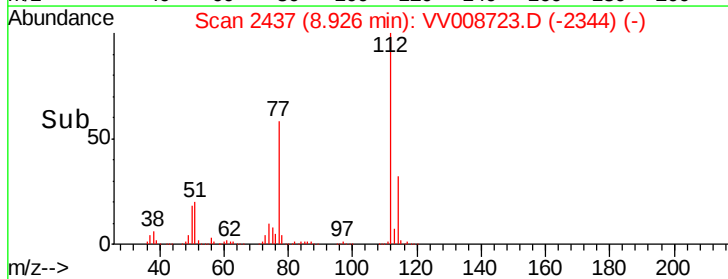
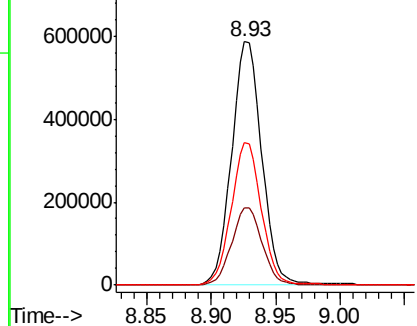
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.9	42.5
77	58.4	53.8	80.6

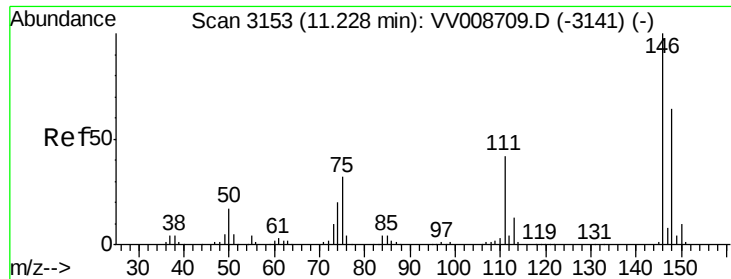


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

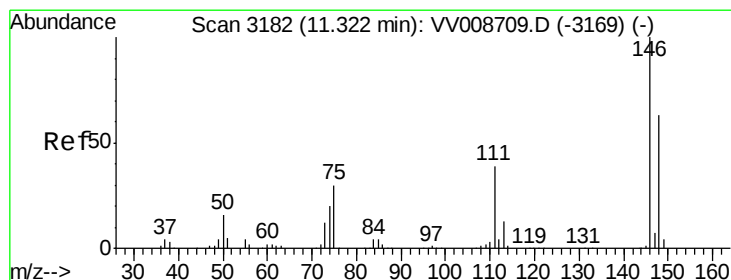
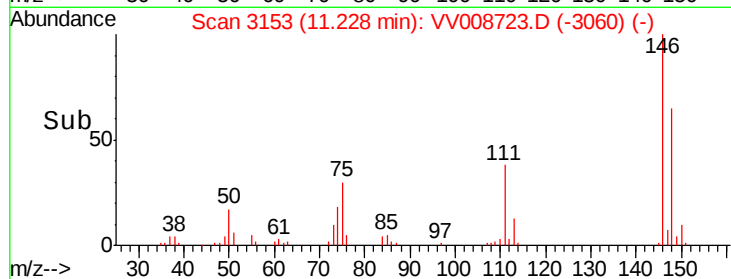
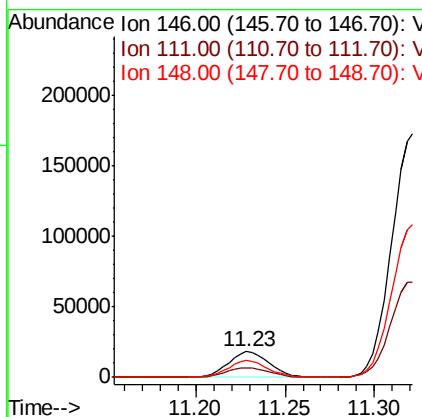
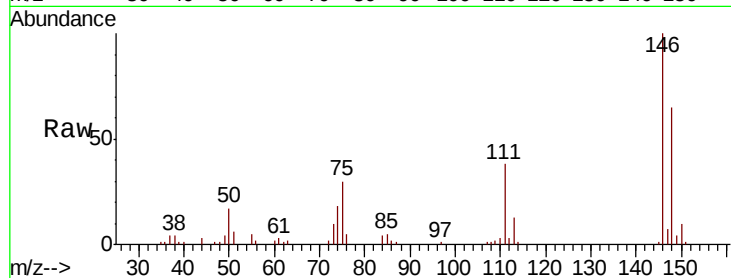




#62
 1,3-Dichlorobenzene
 Concen: 7.675 ug/L
 RT: 11.23 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: VV008723.D
 Acq: 26 Nov 2018 19:50

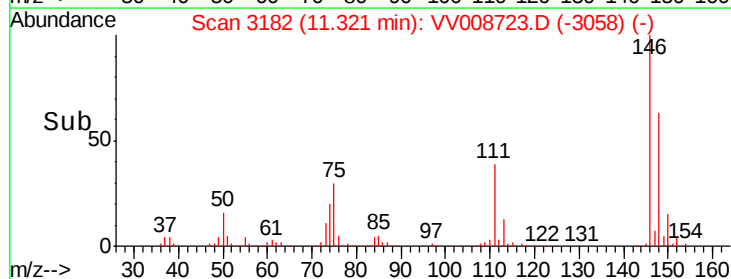
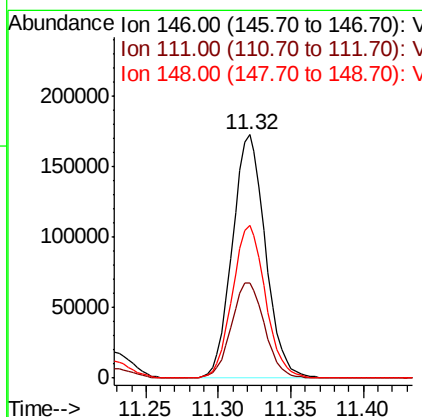
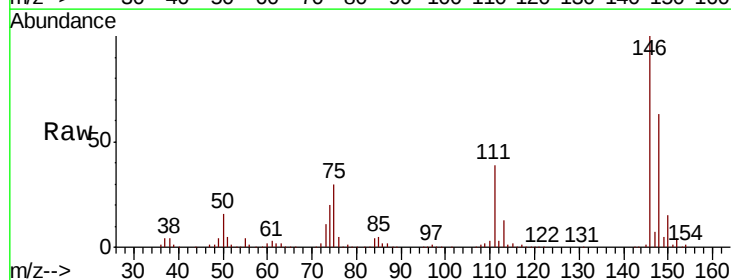
Instrument :
 MSVOA_V
 ClientSampled :
 C0928DL

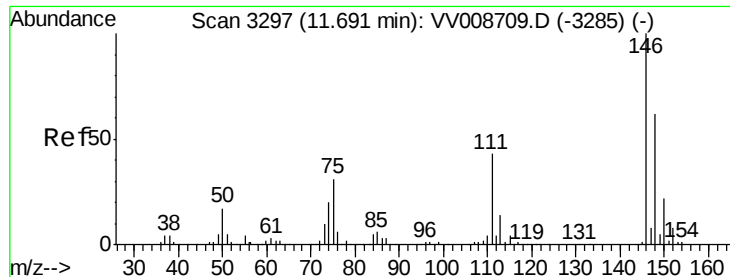
Tot Ion:146 Resp: 29594
 Ion Ratio Lower Upper
 146 100
 111 38.1 27.9 51.7
 148 65.1 42.7 79.3



#63
 1,4-Dichlorobenzene
 Concen: 69.655 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VV008723.D
 Acq: 26 Nov 2018 19:50

Tgt Ion:146 Resp: 273741
 Ion Ratio Lower Upper
 146 100
 111 39.2 27.7 51.5
 148 62.5 46.4 86.2





#65

1,2-Dichlorobenzene

Concen: 98.144 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV008723.D

Acq: 26 Nov 2018 19:50

Instrument :

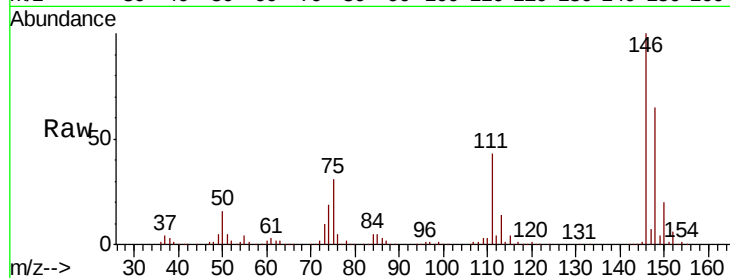
MSVOA_V

ClientSampleId :

C0928DL

Tot Ion:146 Resp: 390627

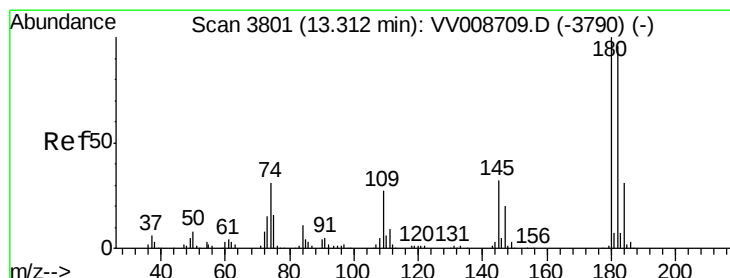
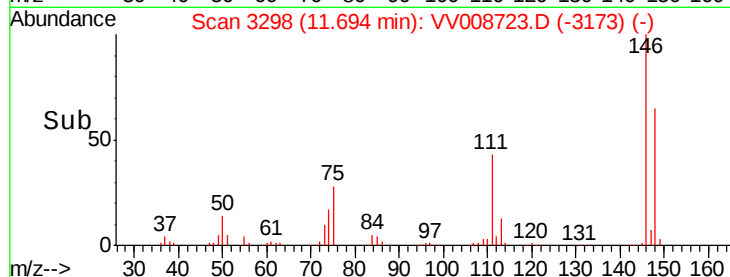
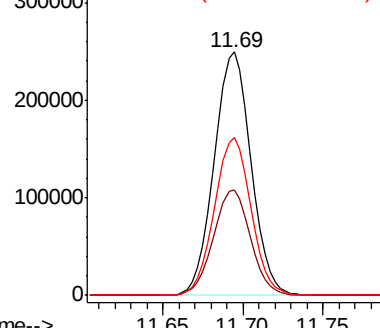
Ion	Ratio	Lower	Upper
146	100		
111	43.2	36.5	54.7
148	64.8	48.7	73.1



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



#68

1,2,4-trichlorobenzene

Concen: 8.550 ug/L

RT: 13.31 min Scan# 3802

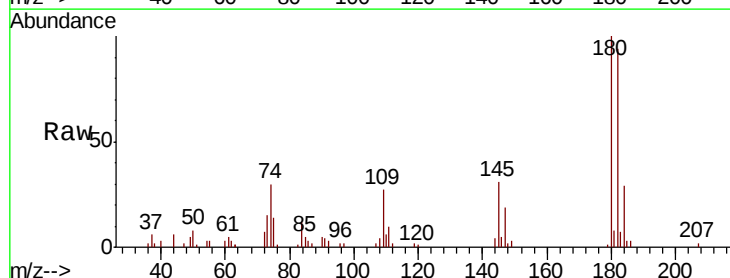
Delta R.T. 0.00 min

Lab File: VV008723.D

Acq: 26 Nov 2018 19:50

Tgt Ion:180 Resp: 17419

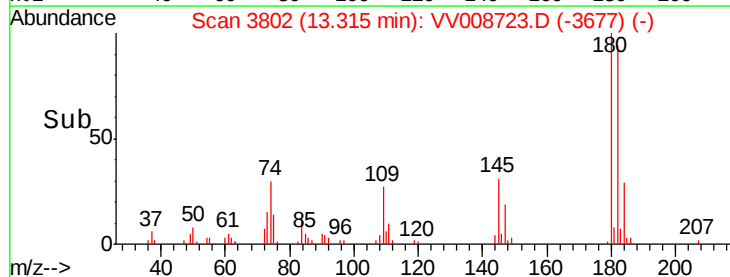
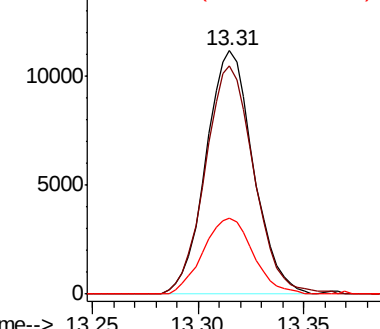
Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.7	113.5
145	32.8	28.0	42.0

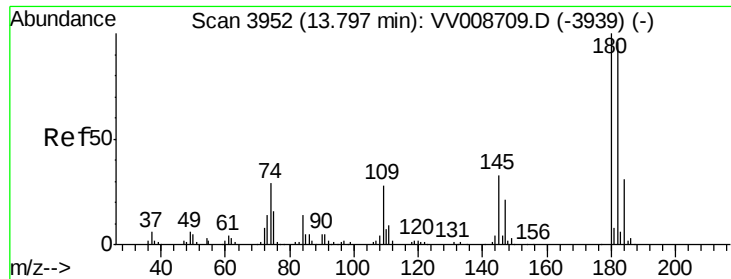


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 1.816 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. -0.00 min
 Lab File: VV008723.D
 Acq: 26 Nov 2018 19:50

Instrument :
 MSVOA_V
 ClientSampleId :
 C0928DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	101.6	77.5	116.3
145	38.1	28.9	43.3

