

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121718\
 Data File : VV008976.D
 Acq On : 17 Dec 2018 13:43
 Operator : SY/MD
 Sample : J6383-02DL 500X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0935DL

Quant Time: Dec 18 02:44:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 18 01:46:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	210840	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	197297	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89865	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62409	50.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.38%
7) Chloroethane-d5	1.56	69	44678	57.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.32%
11) 1,1-Dichloroethene-d2	2.13	63	114322	39.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.64%
21) 2-Butanone-d5	3.93	46	93984	114.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.32%
24) Chloroform-d	4.41	84	130544	49.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.38%
26) 1,2-Dichloroethane-d4	5.08	65	86445	51.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.32%
32) Benzene-d6	5.10	84	271457	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.12%
36) 1,2-Dichloropropane-d6	6.12	67	82922	51.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.80%
41) Toluene-d8	7.36	98	253598	50.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.62%
43) trans-1,3-Dichloropropene-	7.67	79	40935	50.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.04%
47) 2-Hexanone-d5	8.14	63	66150	111.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.87%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	101450	49.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.36%
64) 1,2-Dichlorobenzene-d4	11.68	152	96506	52.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.14%

Target Compounds

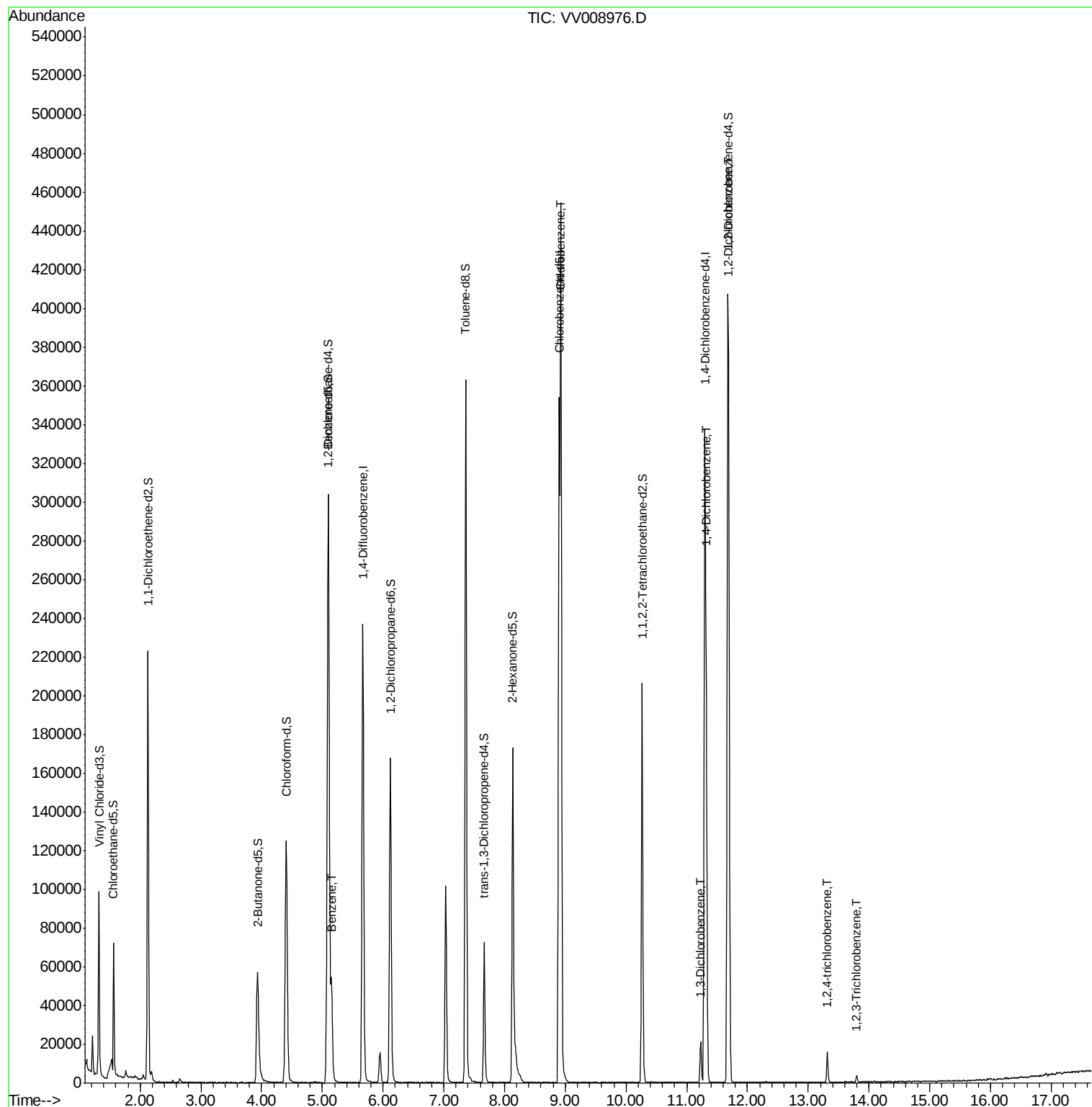
					Qvalue
33) Benzene	5.15	78	52121	9.584 ug/L	100
51) Chlorobenzene	8.93	112	240720	60.629 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	9071	3.149 ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	81575	28.122 ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	104469	35.715 ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	5440	4.272 ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	1337	1.043 ug/L #	94

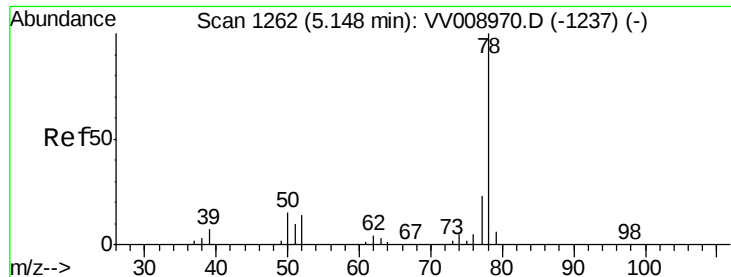
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#33

Benzene

Concen: 9.584 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VV008976.D

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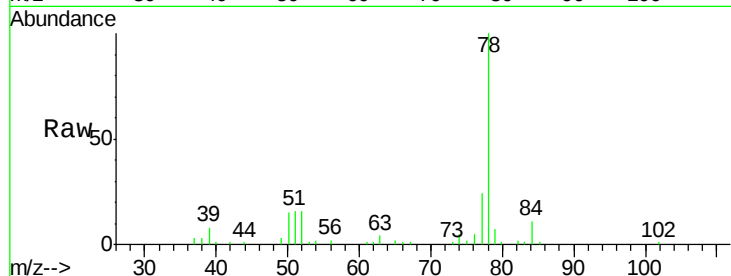
Instrument :

MSVOA_V

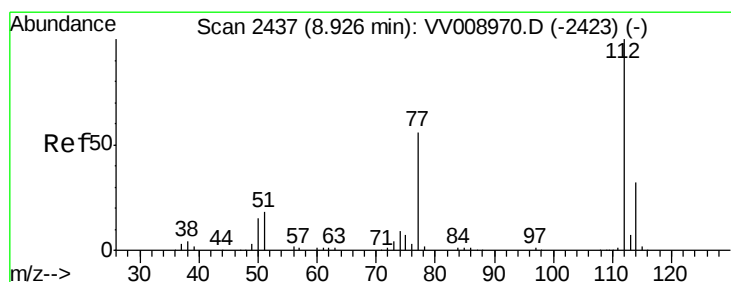
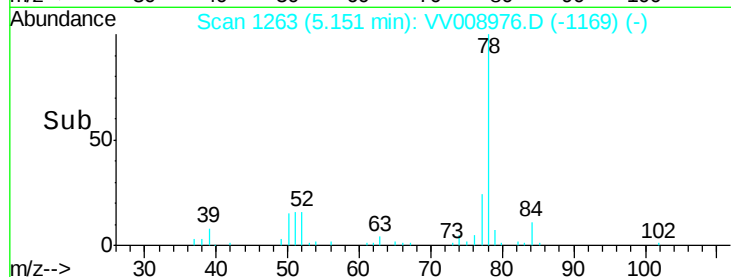
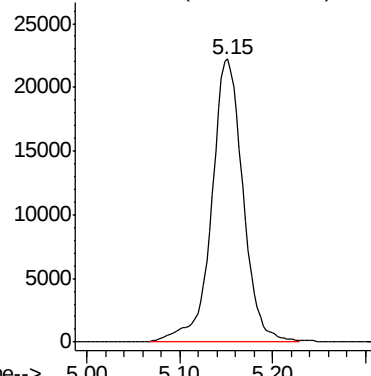
ClientSampleId :

C0935DL

Tgt Ion: 78 Resp: 52121



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 60.629 ug/L

RT: 8.93 min Scan# 2437

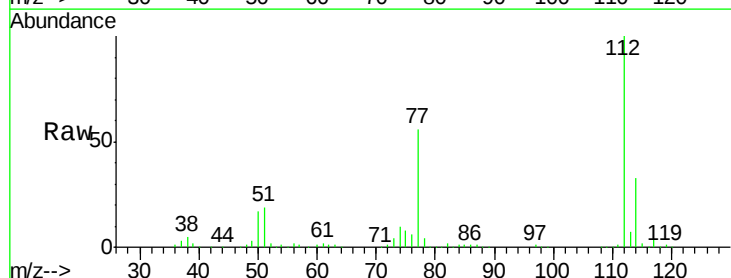
Delta R.T. 0.00 min

Lab File: VV008976.D

Acq: 17 Dec 2018 13:43

Tgt Ion: 112 Resp: 240720

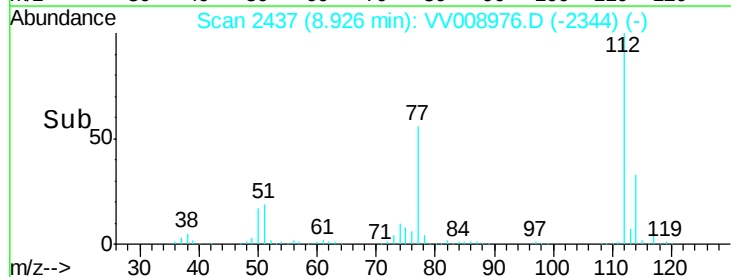
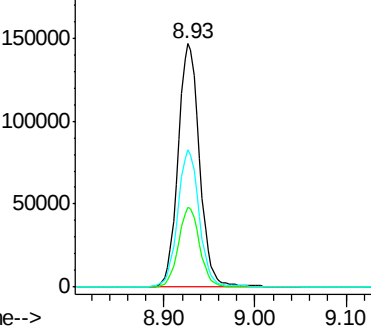
Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.3	41.5
77	56.3	45.2	67.8

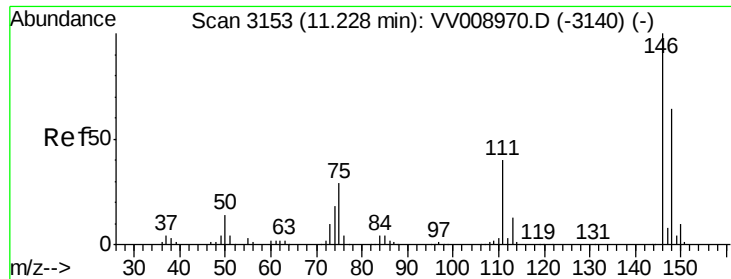


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0

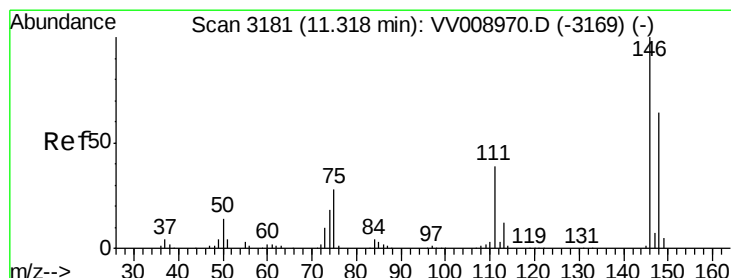
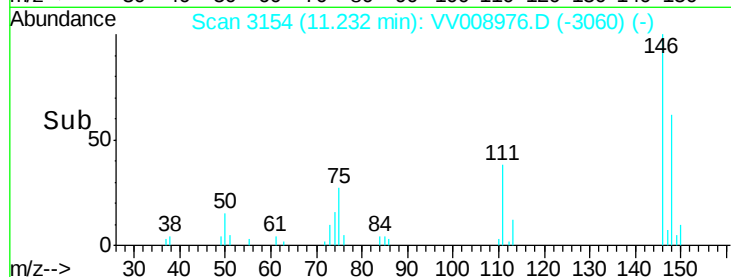
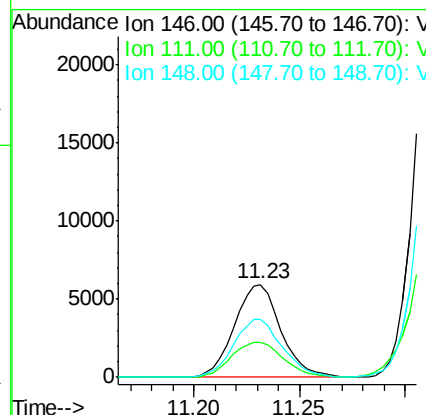
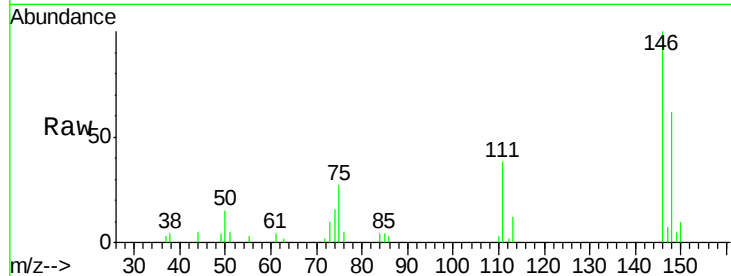




#62
 1,3-Dichlorobenzene
 Concen: 3.149 ug/L
 RT: 11.23 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VV008976.D
 Acq: 17 Dec 2018 13:43

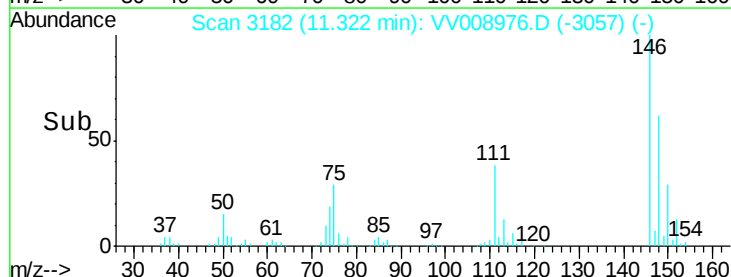
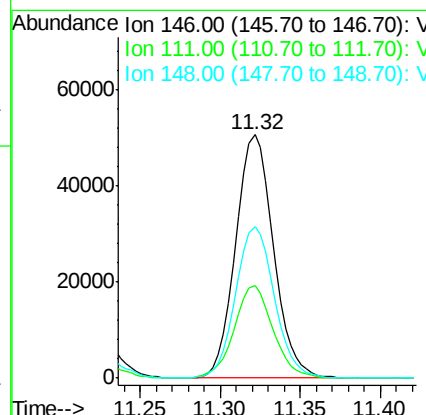
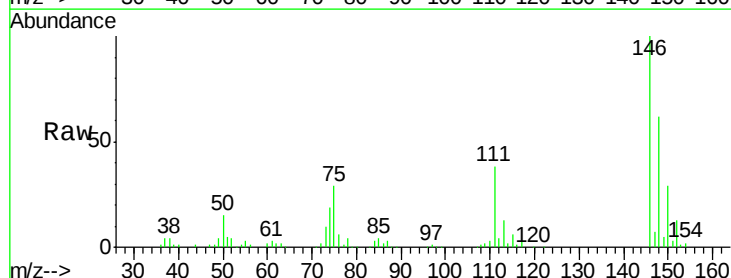
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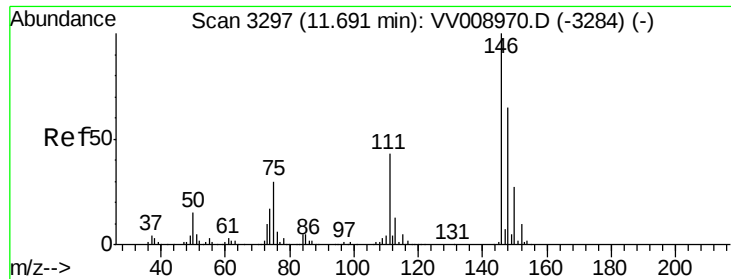
Tgt Ion:146 Resp: 9071
 Ion Ratio Lower Upper
 146 100
 111 38.1 28.3 52.7
 148 62.3 44.9 83.5



#63
 1,4-Dichlorobenzene
 Concen: 28.122 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV008976.D
 Acq: 17 Dec 2018 13:43

Tgt Ion:146 Resp: 81575
 Ion Ratio Lower Upper
 146 100
 111 37.9 27.9 51.9
 148 62.0 45.2 84.0

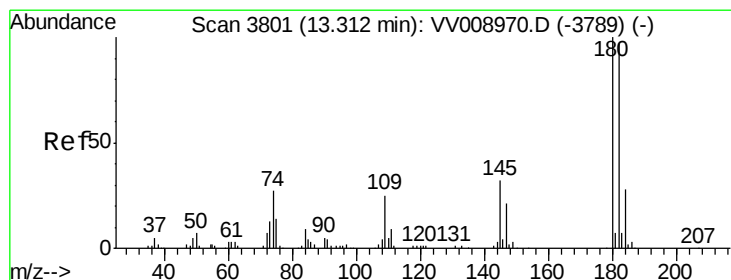
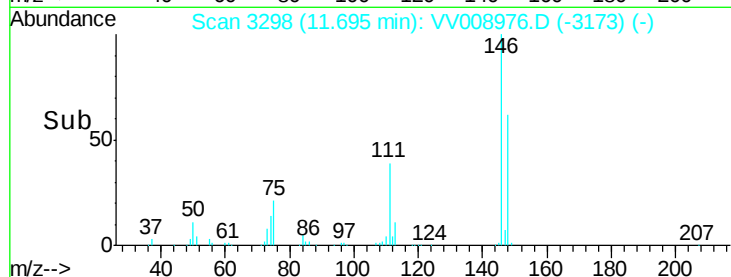
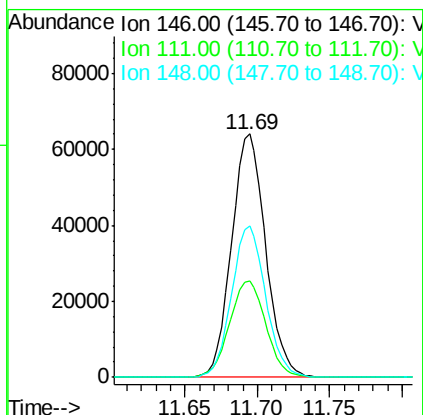
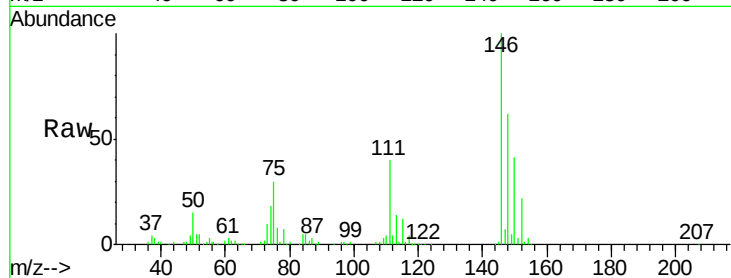




#65
 1,2-Dichlorobenzene
 Concen: 35.715 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV008976.D
 Acq: 17 Dec 2018 13:43

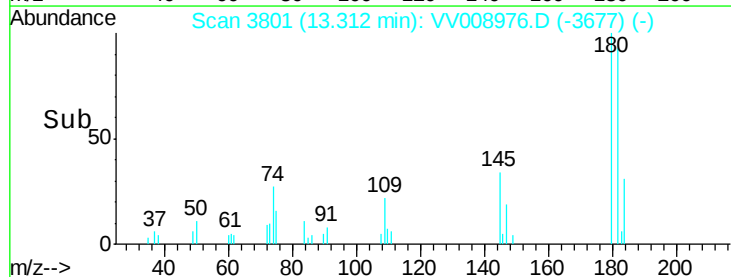
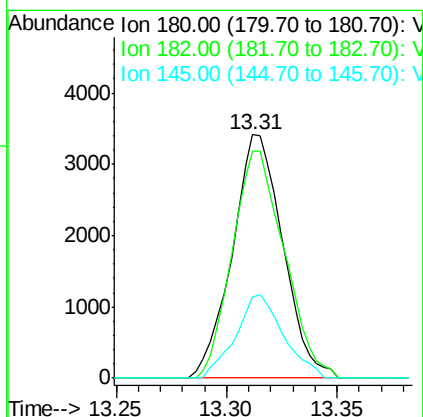
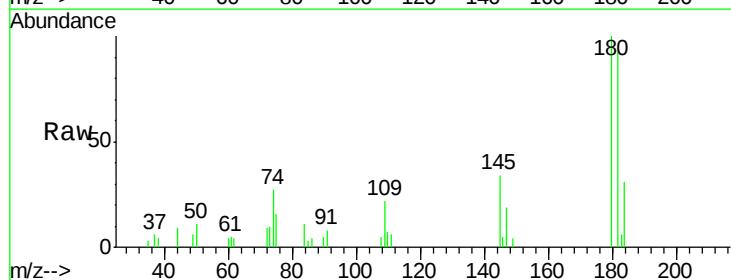
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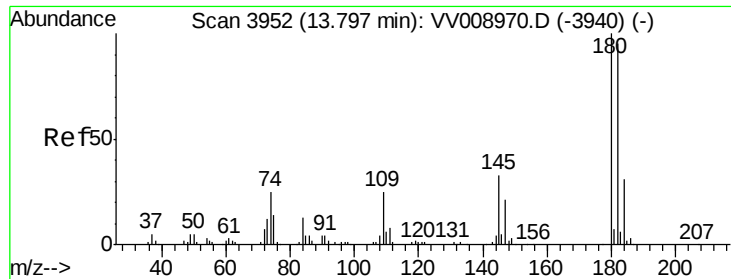
Tgt Ion:146 Resp: 104469
 Ion Ratio Lower Upper
 146 100
 111 39.7 32.8 49.2
 148 62.2 50.5 75.7



#68
 1,2,4-trichlorobenzene
 Concen: 4.272 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV008976.D
 Acq: 17 Dec 2018 13:43

Tgt Ion:180 Resp: 5440
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.7 113.5
 145 32.3 25.0 37.4





#70
 1,2,3-Trichlorobenzene
 Concen: 1.043 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. 0.00 min
 Lab File: VV008976.D
 Acq: 17 Dec 2018 13:43

Instrument :
 MSVOA_V
 ClientSampleId :
 C0935DL

Tgt Ion:180 Resp: 1337
 Ion Ratio Lower Upper
 180 100
 182 100.2 76.6 115.0
 145 25.8 26.1 39.1#

