

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037104.D
 Acq On : 06 Mar 2020 13:14
 Operator : JC/MD
 Sample : L1780-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 07 00:02:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 23:54:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	262014	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	248627	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	85931	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92706	42.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.26%
7) Chloroethane-d5	1.93	69	85592	47.01	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.02%
11) 1,1-Dichloroethene-d2	2.59	63	122513	33.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.50%
21) 2-Butanone-d5	4.67	46	136783	92.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.68%
24) Chloroform-d	5.11	84	154881	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.74	65	106374	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
32) Benzene-d6	5.76	84	332009	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.36%
36) 1,2-Dichloropropane-d6	6.72	67	110283	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.68%
41) Toluene-d8	7.92	98	297222	44.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.12%
43) trans-1,3-Dichloropropene-	8.20	79	44120	40.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.52%
47) 2-Hexanone-d5	8.66	63	92336	81.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.07%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	147812	45.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.02%
64) 1,2-Dichlorobenzene-d4	12.21	152	83965	49.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.96%

Target Compounds

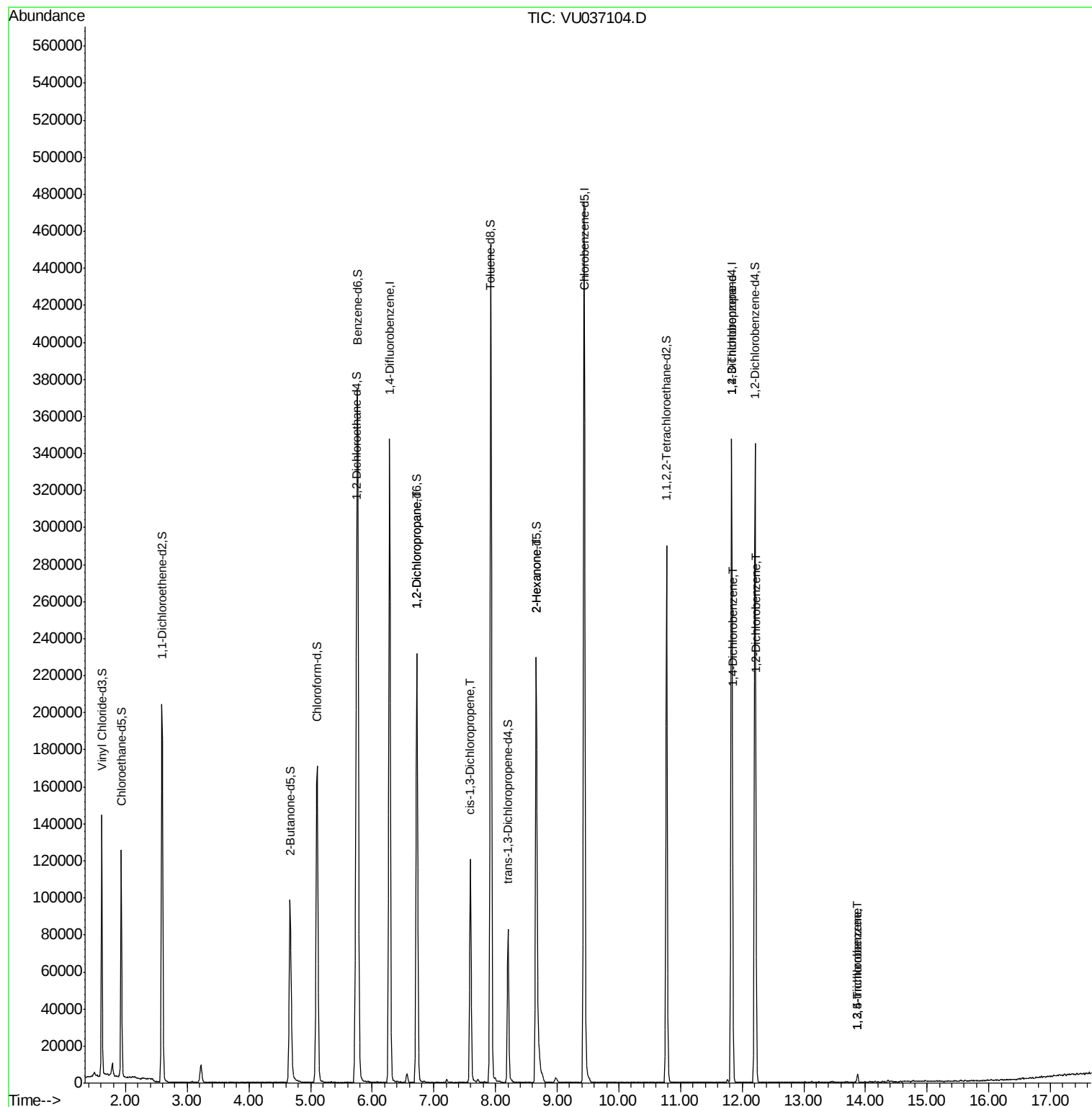
					Ovalue
37) 1,2-Dichloropropane	6.73	63	12079	5.711 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2922	0.897 ug/L #	53
48) 2-Hexanone	8.66	43	10677	4.293 ug/L #	72
59) 1,2,3-Trichloropropane	11.83	75	14947	5.494 ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	5453	1.980 ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	4845	1.741 ug/L	92
67) 1,3,5-Trichlorobenzene	13.87	180	1565	0.884 ug/L #	89
68) 1,2,4-trichlorobenzene	13.87	180	1565	1.181 ug/L #	92

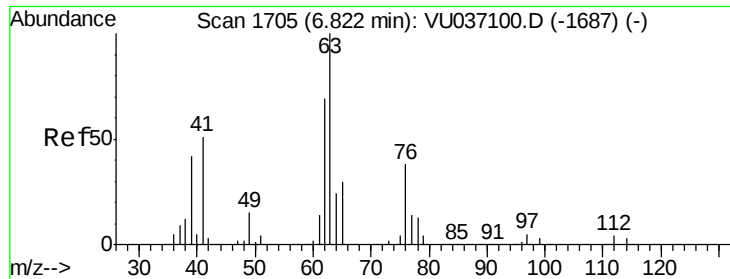
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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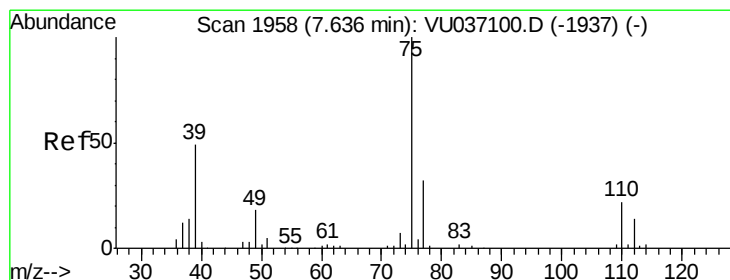
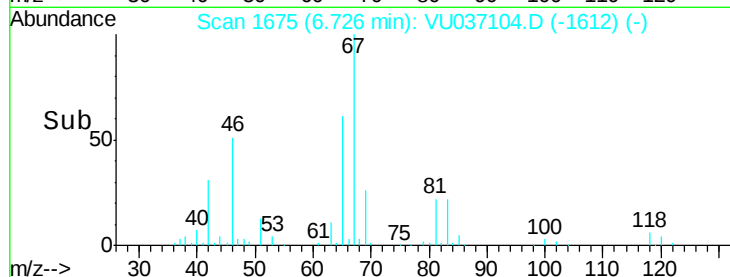
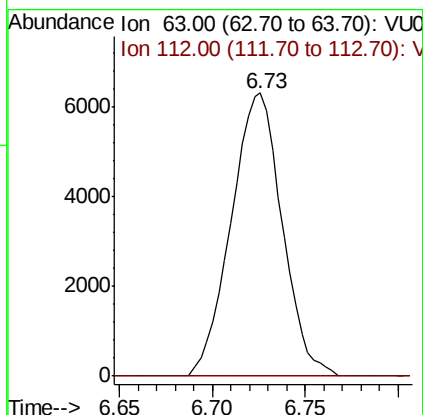
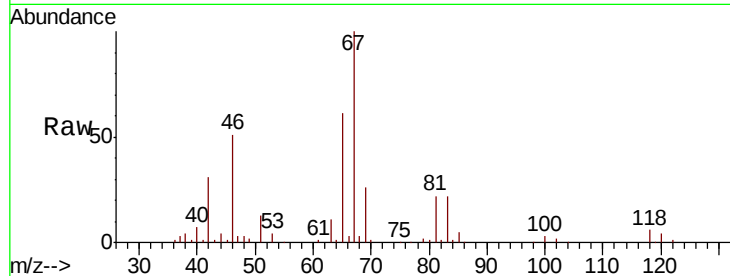




#37
 1,2-Dichloropropane
 Concen: 5.711 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU037104.D
 Acq: 06 Mar 2020 13:14

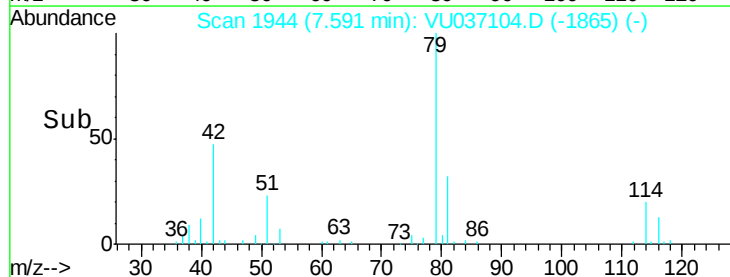
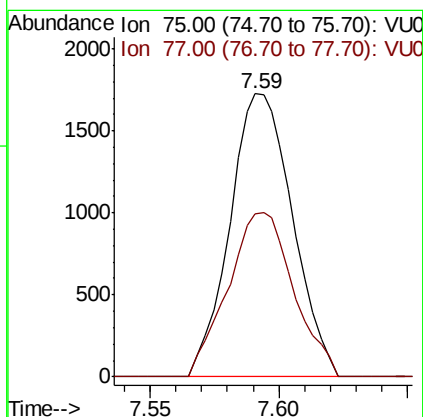
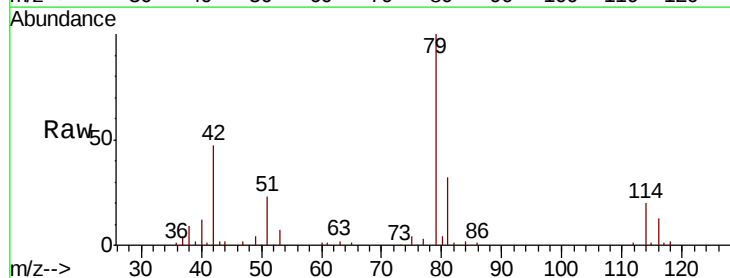
Instrument :
 MSVOA_U
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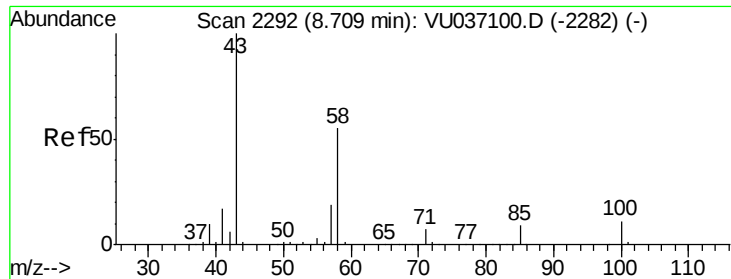
Tot Ion: 63 Resp: 12079
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.897 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037104.D
 Acq: 06 Mar 2020 13:14

Tgt Ion: 75 Resp: 2922
 Ion Ratio Lower Upper
 75 100
 77 57.8 22.0 41.0#

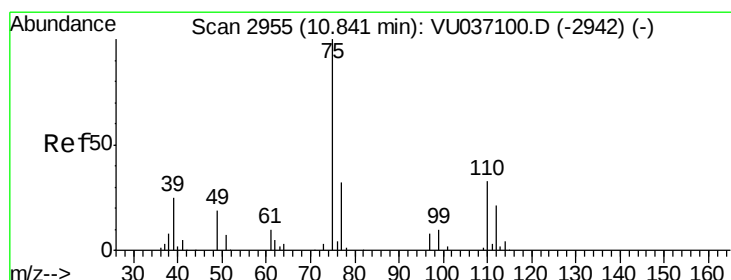
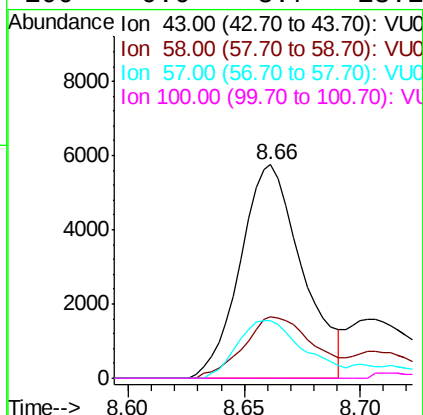
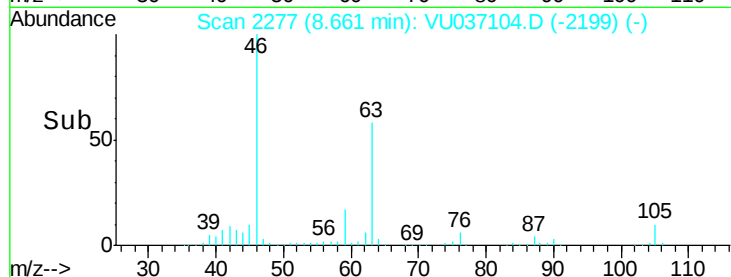
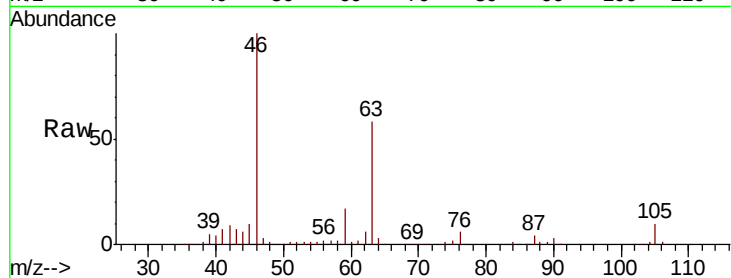




#48
2-Hexanone
Concen: 4.293 ug/L
RT: 8.66 min Scan# 2277
Delta R.T. -0.05 min
Lab File: VU037104.D
Acq: 06 Mar 2020 13:14

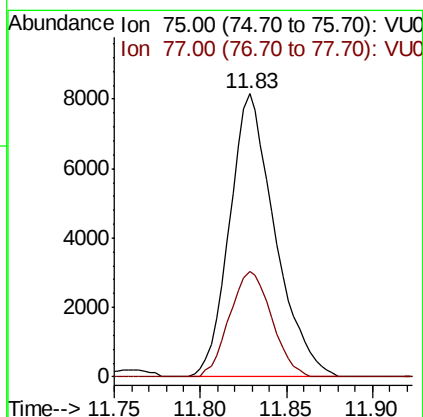
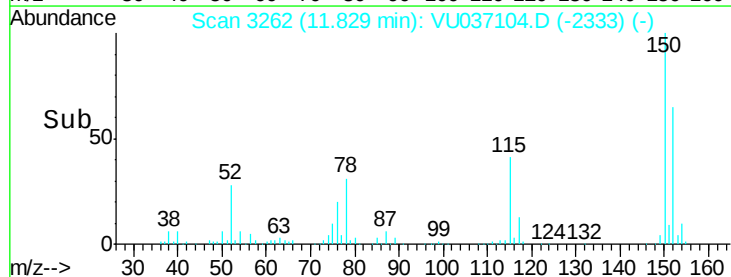
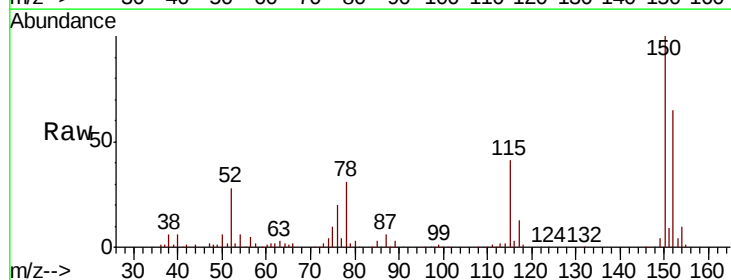
Instrument :
MSVOA_U
ClientSampleId :

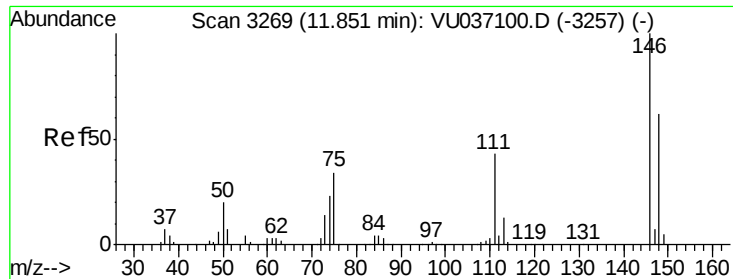
Tot Ion: 43 Resp: 10677
Ion Ratio Lower Upper
43 100
58 32.9 43.5 65.3#
57 29.1 15.1 22.7#
100 0.0 8.7 13.1#



#59
1,2,3-Trichloropropane
Concen: 5.494 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.99 min
Lab File: VU037104.D
Acq: 06 Mar 2020 13:14

Tgt Ion: 75 Resp: 14947
Ion Ratio Lower Upper
75 100
77 34.5 26.2 39.2

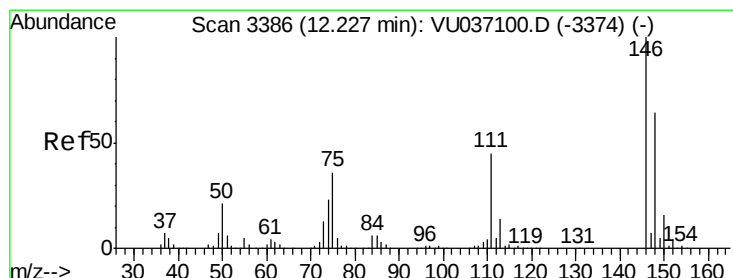
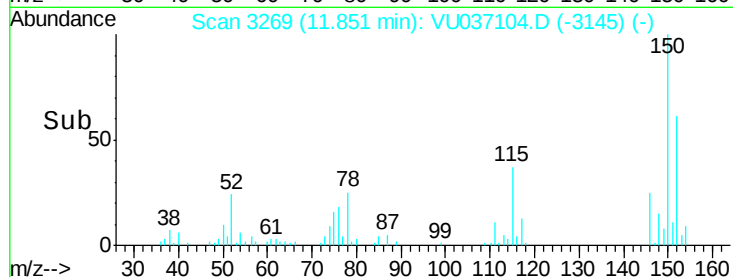
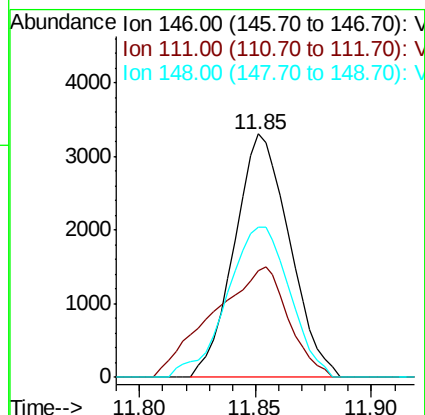
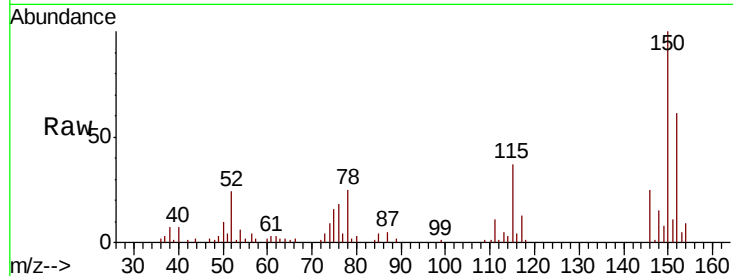




#63
 1,4-Dichlorobenzene
 Concen: 1.980 ug/L
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU037104.D
 Acq: 06 Mar 2020 13:14

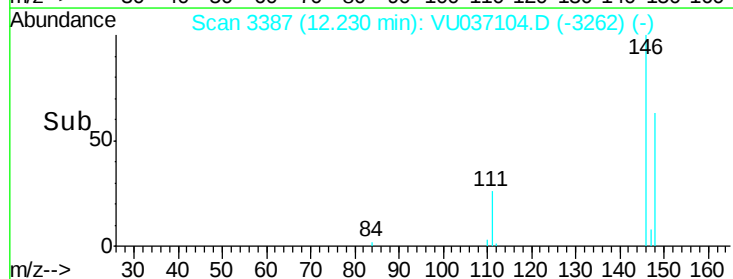
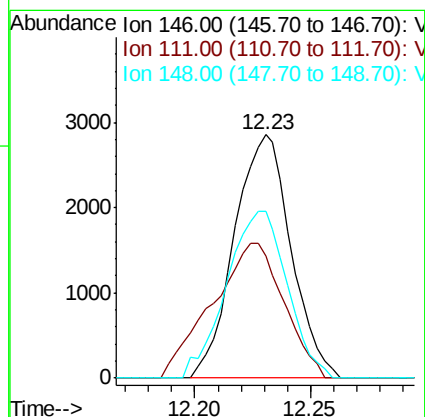
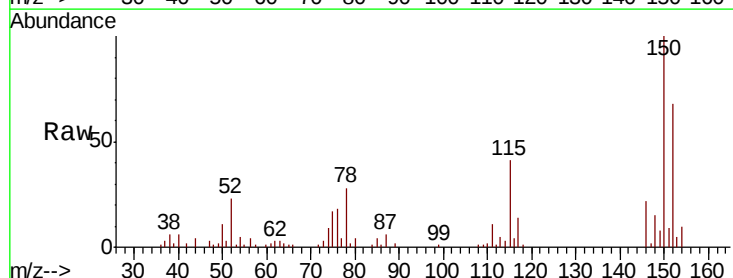
Instrument :
 MSVOA_U
 ClientSampleId :

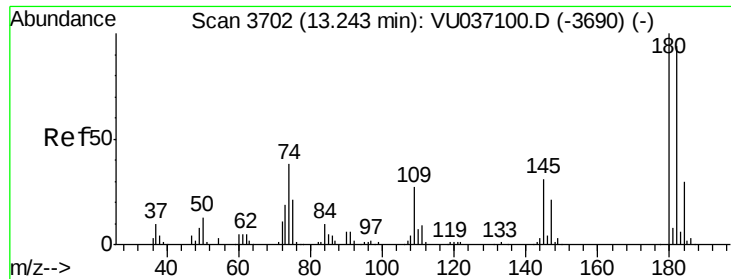
Tot Ion:146 Resp: 5453
 Ion Ratio Lower Upper
 146 100
 111 43.8 29.8 55.4
 148 61.7 45.1 83.9



#65
 1,2-Dichlorobenzene
 Concen: 1.741 ug/L
 RT: 12.23 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU037104.D
 Acq: 06 Mar 2020 13:14

Tgt Ion:146 Resp: 4845
 Ion Ratio Lower Upper
 146 100
 111 50.3 35.4 53.0
 148 68.3 50.5 75.7

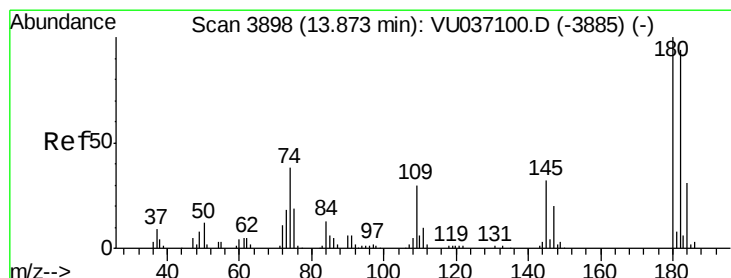
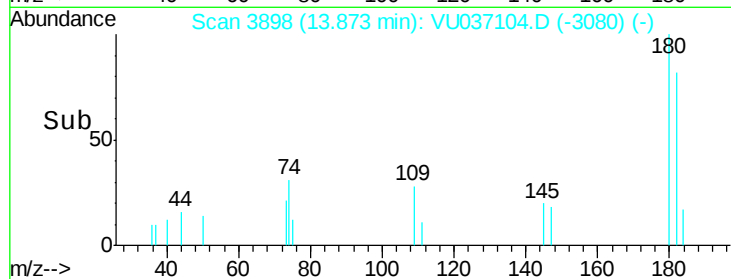
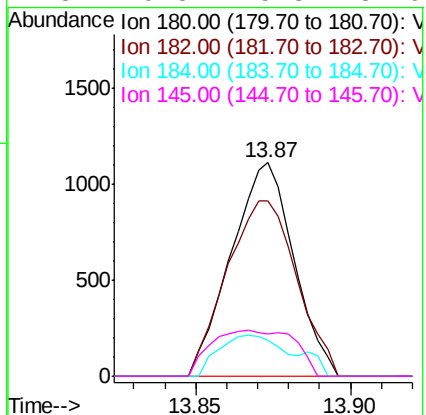
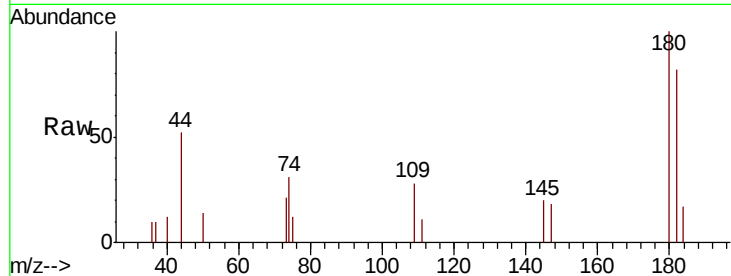




#67
 1,3,5-Trichlorobenzene
 Concen: 0.884 ug/L
 RT: 13.87 min Scan# 3898
 Delta R.T. 0.63 min
 Lab File: VU037104.D
 Acq: 06 Mar 2020 13:14

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:180 Resp: 1565
 Ion Ratio Lower Upper
 180 100
 182 91.5 76.9 115.3
 184 19.9 24.2 36.2#
 145 19.8 25.3 37.9#



#68
 1,2,4-trichlorobenzene
 Concen: 1.181 ug/L
 RT: 13.87 min Scan# 3898
 Delta R.T. 0.00 min
 Lab File: VU037104.D
 Acq: 06 Mar 2020 13:14

Tgt Ion:180 Resp: 1565
 Ion Ratio Lower Upper
 180 100
 182 91.5 75.3 112.9
 145 19.8 26.2 39.4#

