

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040320\
 Data File : VU037574.D
 Acq On : 03 Apr 2020 18:17
 Operator : JC/MD
 Sample : L2158-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EZ1

Quant Time: Apr 04 05:25:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 04 05:18:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	172643	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	159466	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	73540	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	61428	43.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.62%
7) Chloroethane-d5	1.93	69	48837	43.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.70%
11) 1,1-Dichloroethene-d2	2.59	63	82919	35.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.36%
21) 2-Butanone-d5	4.66	46	102049	96.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.84%
24) Chloroform-d	5.11	84	105758	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.54%
26) 1,2-Dichloroethane-d4	5.74	65	70665	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.10%
32) Benzene-d6	5.76	84	219173	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
36) 1,2-Dichloropropane-d6	6.72	67	73856	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.98%
41) Toluene-d8	7.92	98	201235	46.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.46%
43) trans-1,3-Dichloropropene-	8.20	79	37145	43.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.98%
47) 2-Hexanone-d5	8.65	63	79946	97.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.02%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104728	47.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	70256	46.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.64%

Target Compounds

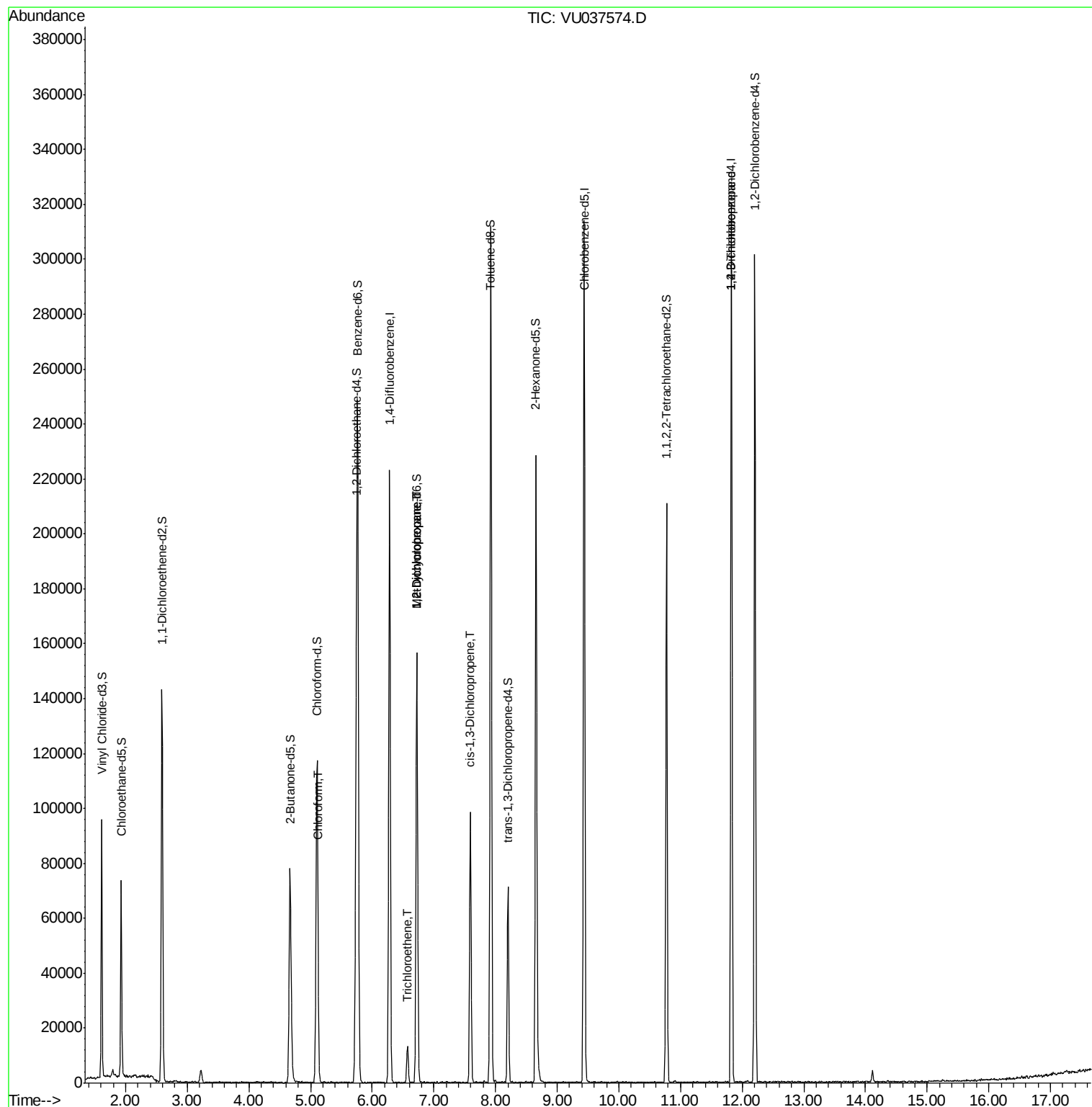
					Ovalue
25) Chloroform	5.13	83	3022	1.488 ug/L	91
34) Trichloroethene	6.57	95	4546	4.161 ug/L	94
35) Methylcyclohexane	6.72	83	16020	9.490 ug/L #	20
37) 1,2-Dichloropropane	6.72	63	8057	6.768 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2548	1.370 ug/L #	62
59) 1,2,3-Trichloropropane	11.83	75	11542	7.542 ug/L	94

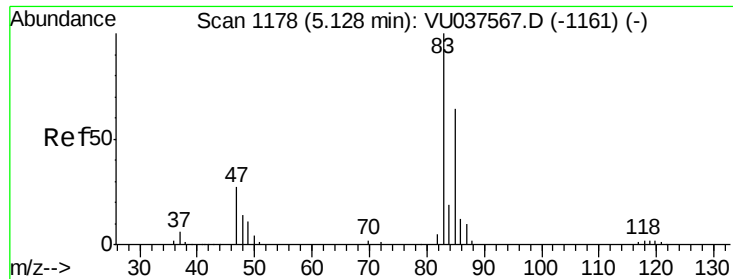
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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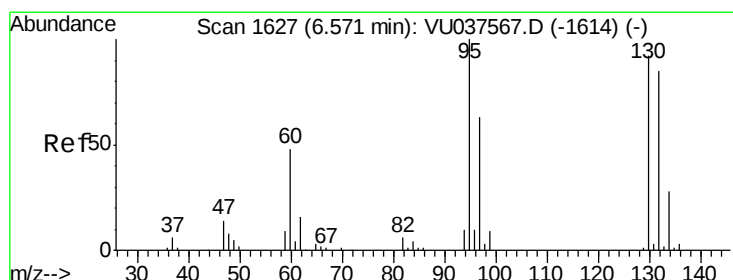
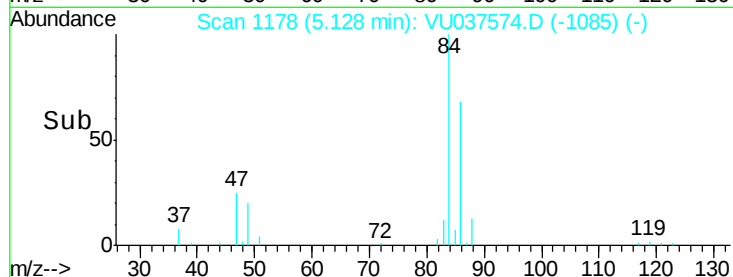
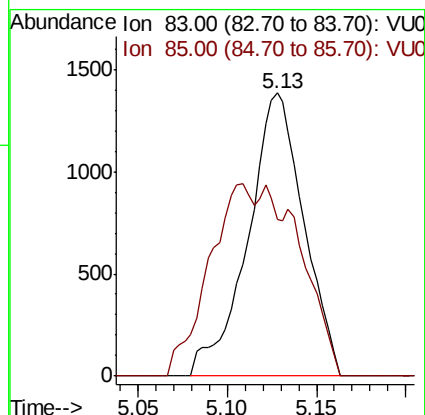
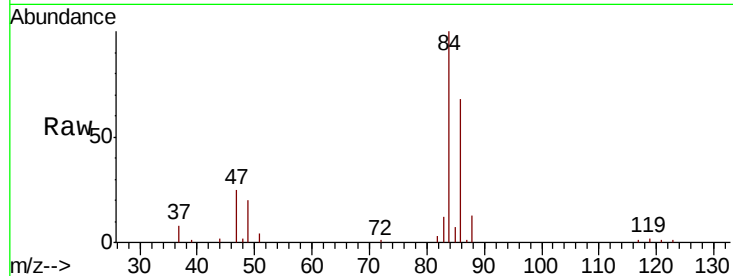




#25
Chloroform
Concen: 1.488 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037574.D
Acq: 03 Apr 2020 18:17

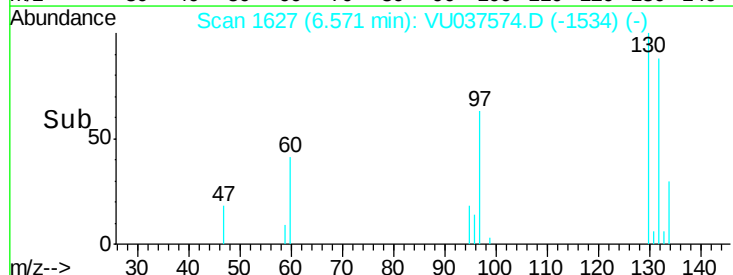
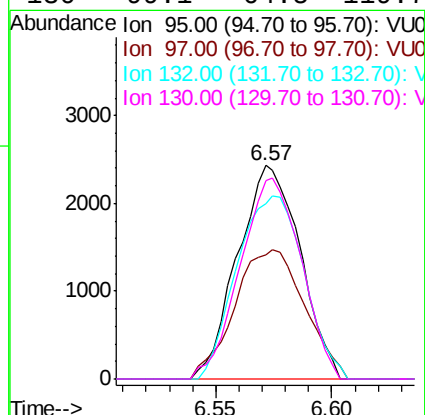
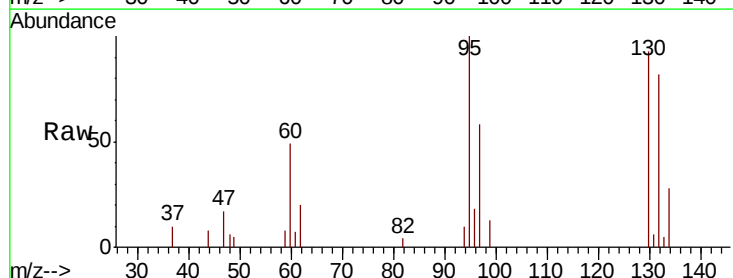
Instrument :
MSVOA_U
ClientSampleId :
C0EZ1

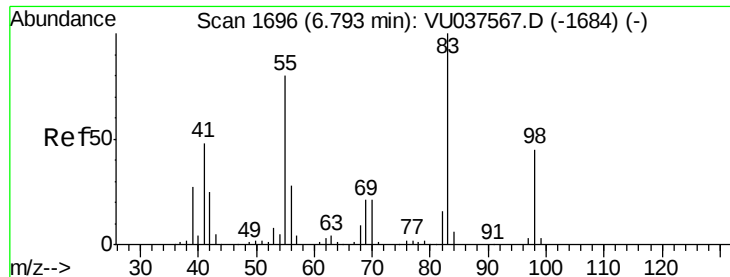
Tot Ion: 83 Resp: 3022
Ion Ratio Lower Upper
83 100
85 55.5 43.7 81.1



#34
Trichloroethene
Concen: 4.161 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU037574.D
Acq: 03 Apr 2020 18:17

Tgt Ion: 95 Resp: 4546
Ion Ratio Lower Upper
95 100
97 58.2 45.2 84.0
132 87.4 63.7 118.3
130 99.1 64.5 119.7

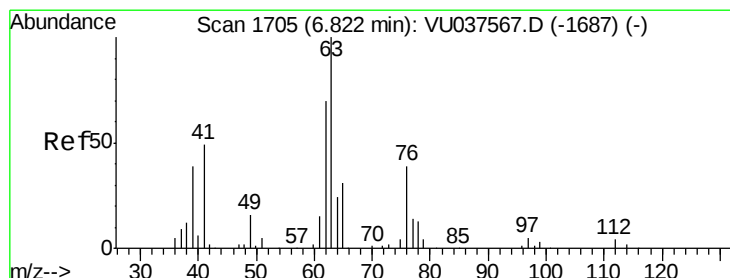
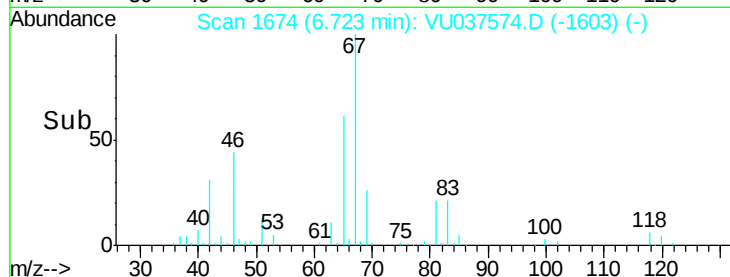
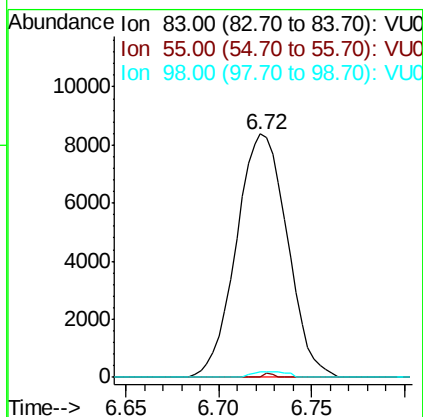
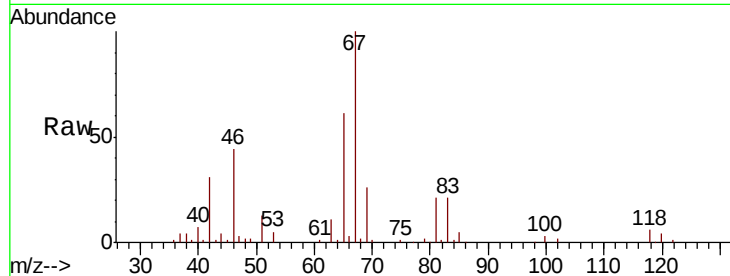




#35
Methylcyclohexane
Concen: 9.490 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037574.D
Acq: 03 Apr 2020 18:17

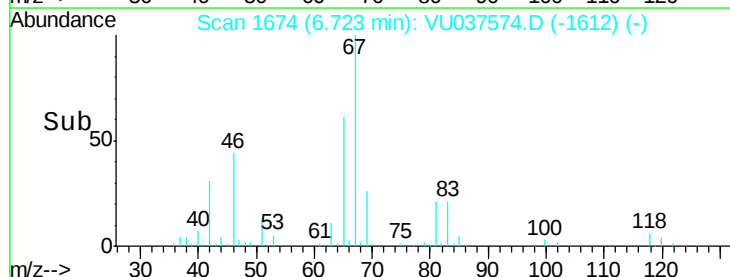
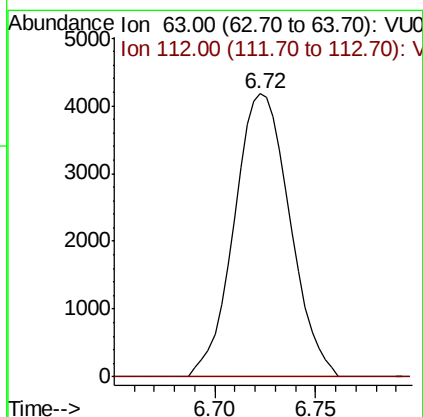
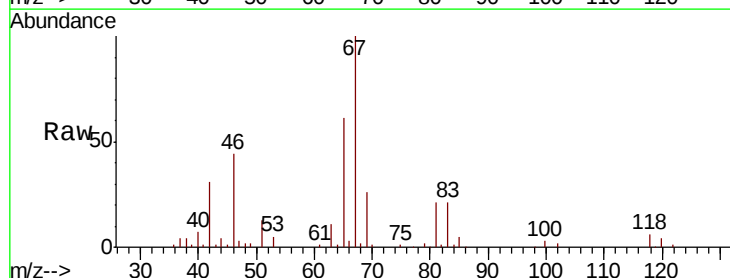
Instrument :
MSVOA_U
ClientSampled :
C0EZ1

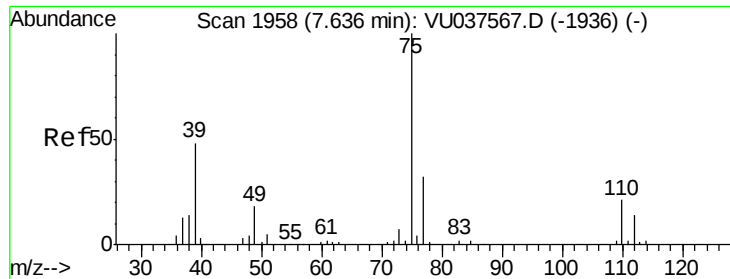
Tot Ion: 83 Resp: 16020
Ion Ratio Lower Upper
83 100
55 0.3 61.1 91.7#
98 1.5 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 6.768 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037574.D
Acq: 03 Apr 2020 18:17

Tgt Ion: 63 Resp: 8057
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

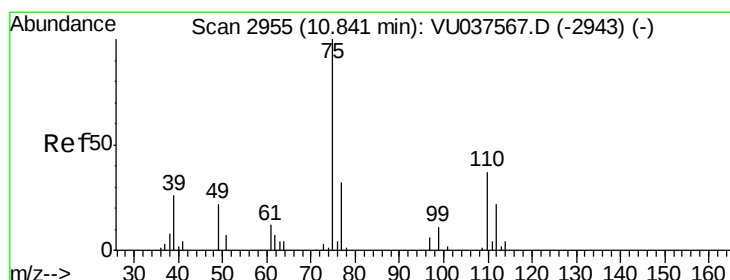
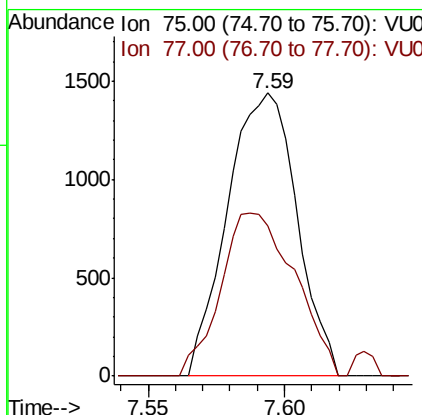
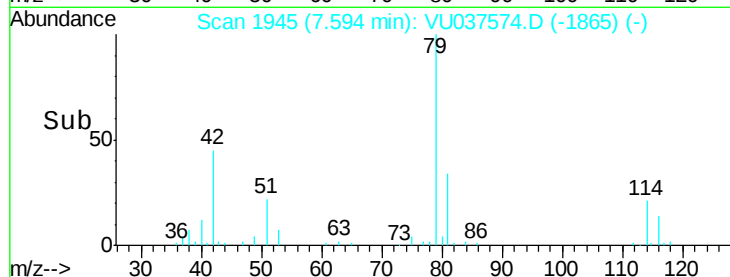
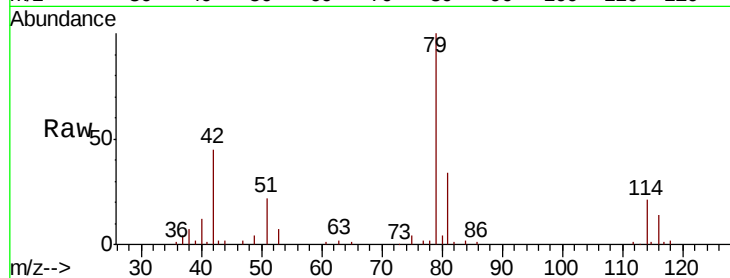




#39
 cis-1,3-Dichloropropene
 Concen: 1.370 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037574.D
 Acq: 03 Apr 2020 18:17

Instrument :
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 ClientSampleId :
 C0EZ1

Tot Ion: 75 Resp: 2548
 Ion Ratio Lower Upper
 75 100
 77 53.3 22.5 41.7#



#59
 1,2,3-Trichloropropane
 Concen: 7.542 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037574.D
 Acq: 03 Apr 2020 18:17

Tgt Ion: 75 Resp: 11542
 Ion Ratio Lower Upper
 75 100
 77 35.3 25.5 38.3

