

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080620\
 Data File : VU039765.D
 Acq On : 06 Aug 2020 18:38
 Operator : SY/MD
 Sample : L3591-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 07 04:30:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 04:28:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	76959	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73102	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32398	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20965	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.92	69	21828	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.58	63	29696	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.65	46	83544	45.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.42%
24) Chloroform-d	5.08	84	47796	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.72	65	28761	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.74	84	84968	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.70	67	28382	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.91	98	68906	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.19	79	10014	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.64	63	57409	46.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.92%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	25710	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	28898	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

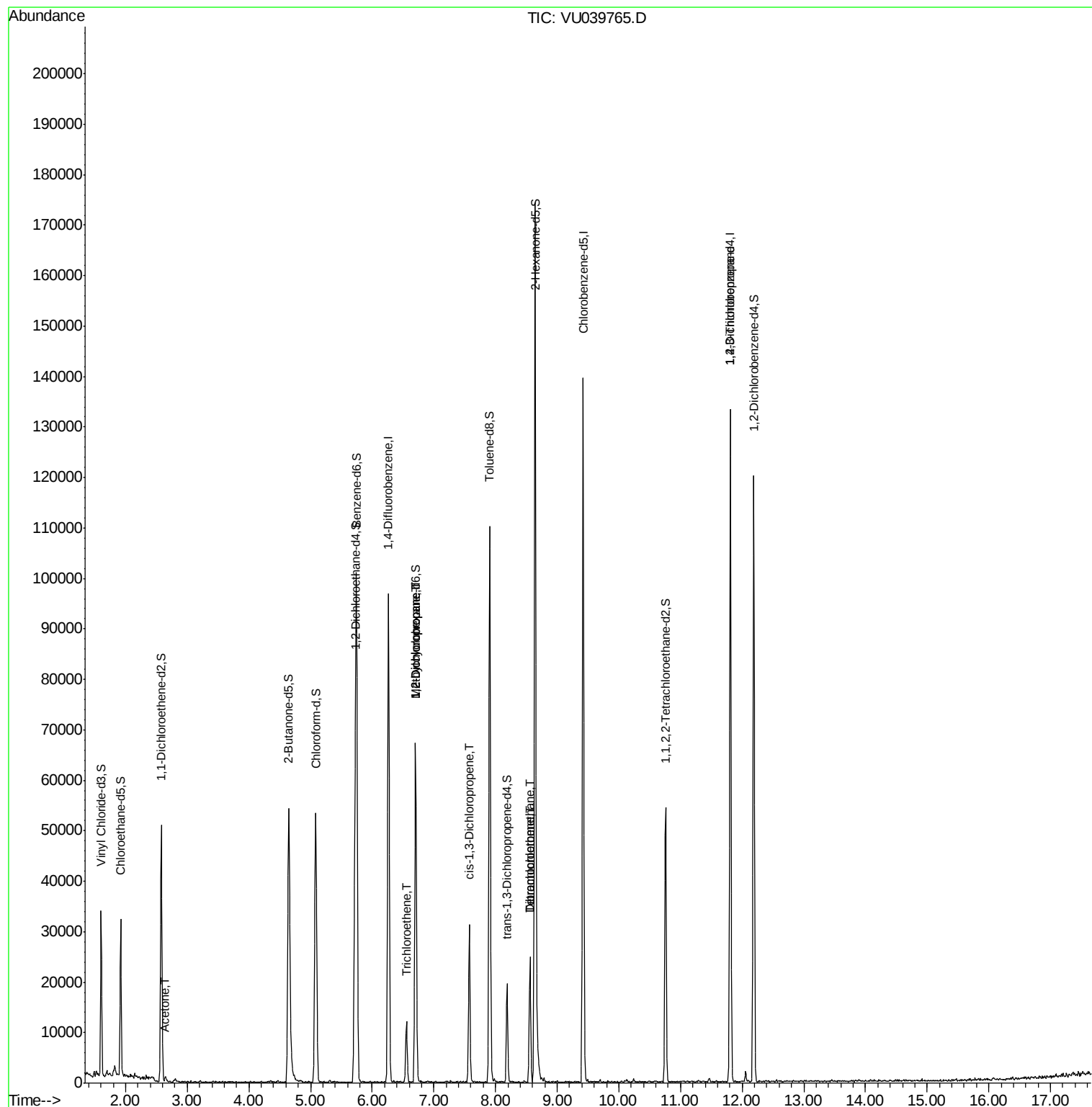
					Ovalue
13) Acetone	2.65	43	1183	1.098	ug/L 61
34) Trichloroethene	6.56	95	4047	0.782	ug/L 95
35) Methylcyclohexane	6.71	83	6938	0.840	ug/L # 19
37) 1,2-Dichloropropane	6.71	63	3407	0.644	ug/L # 86
39) cis-1,3-Dichloropropene	7.58	75	731	0.101	ug/L # 70
47) Tetrachloroethene	8.56	164	5032	1.179	ug/L 94
49) Dibromochloromethane	8.56	129	4414	0.904	ug/L # 12
59) 1,2,3-Trichloropropane	11.81	75	4374	1.146	ug/L # 75

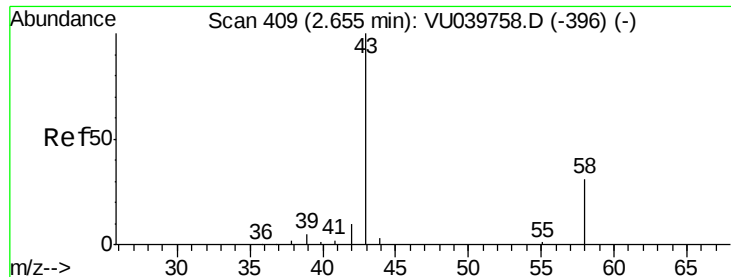
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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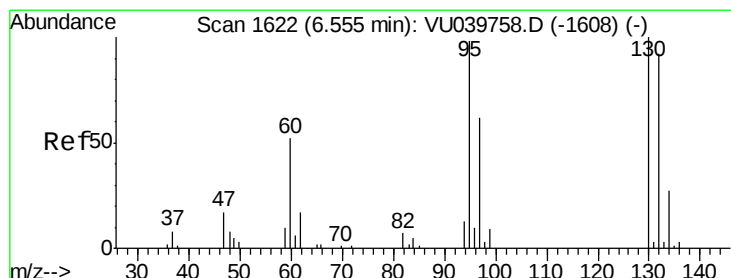
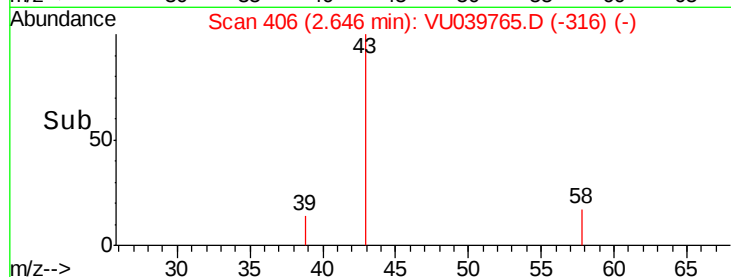
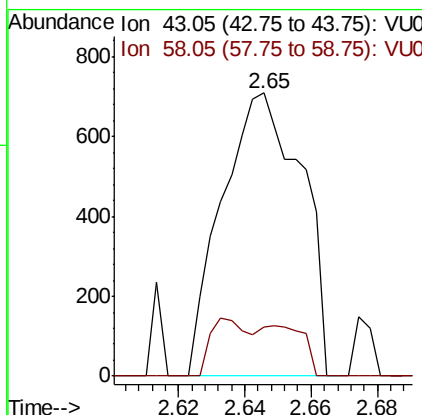
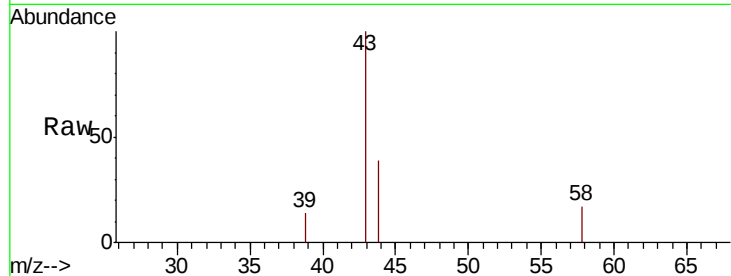




#13
Acetone
Concen: 1.098 ug/L
RT: 2.65 min Scan# 406
Delta R.T. -0.01 min
Lab File: VU039765.D
Acq: 06 Aug 2020 18:38

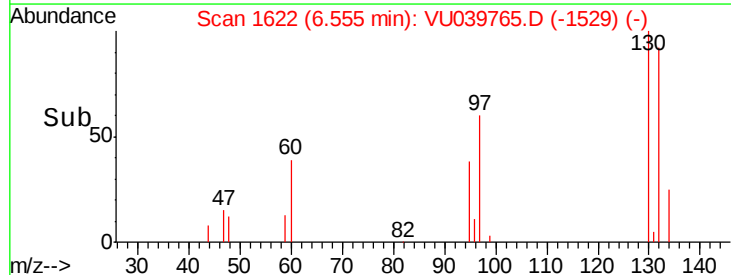
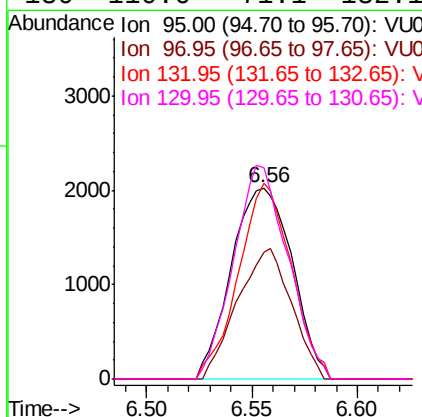
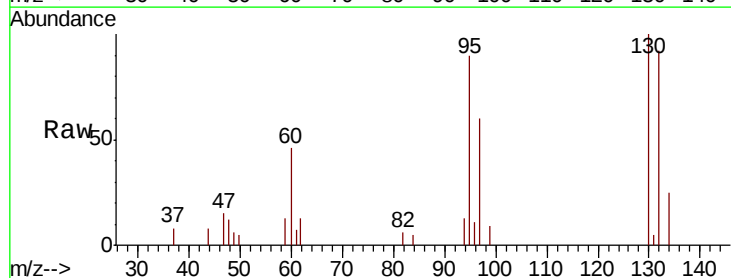
Instrument :
MSVOA_U
ClientSampleId :

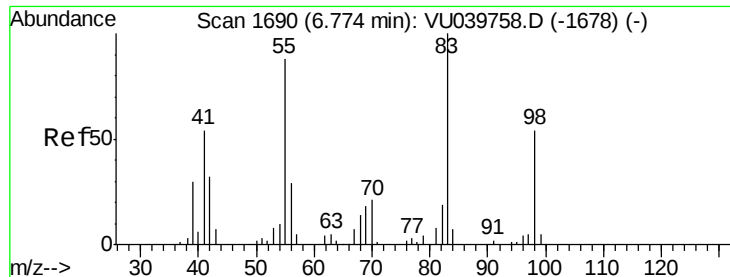
Tot Ion: 43 Resp: 1183
Ion Ratio Lower Upper
43 100
58 9.6 0.0 61.8



#34
Trichloroethene
Concen: 0.782 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU039765.D
Acq: 06 Aug 2020 18:38

Tgt Ion: 95 Resp: 4047
Ion Ratio Lower Upper
95 100
97 66.0 44.0 81.8
132 102.1 71.7 133.3
130 110.6 71.1 132.1

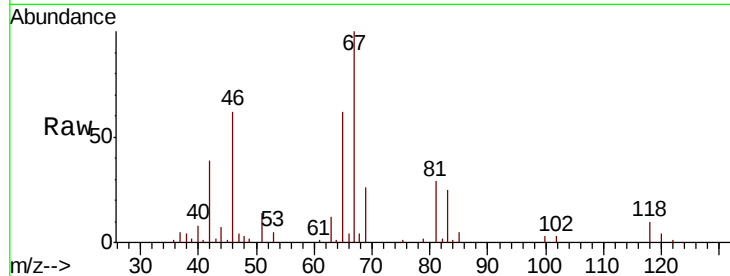




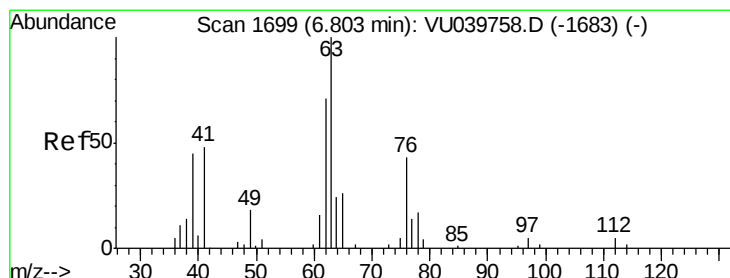
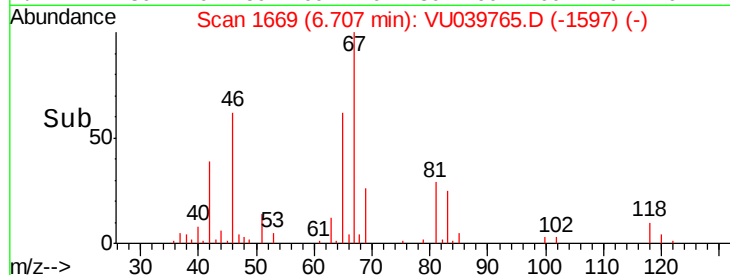
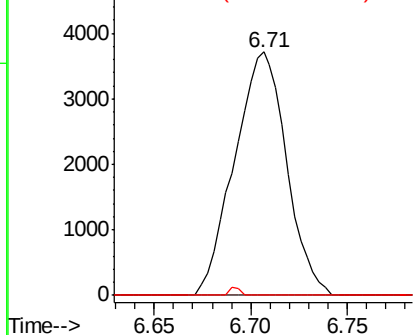
#35
Methylvlcvclohexane
Concen: 0.840 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039765.D
Acq: 06 Aug 2020 18:38

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 6938
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.6 39.0 58.4#

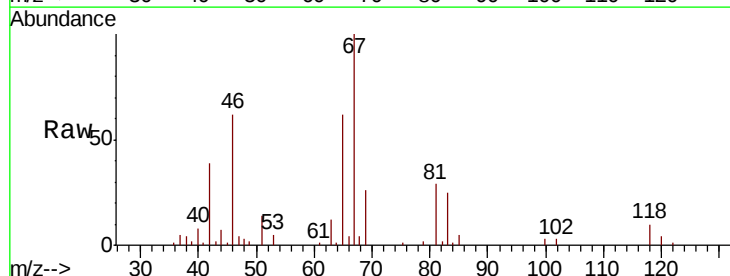


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

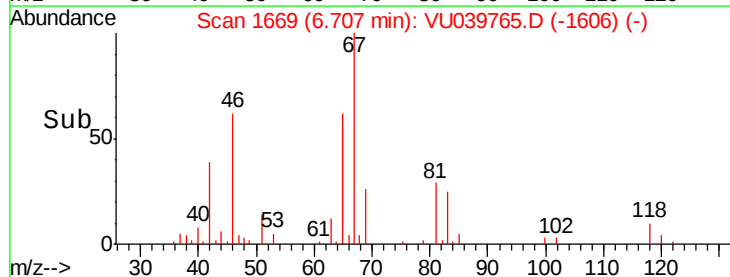
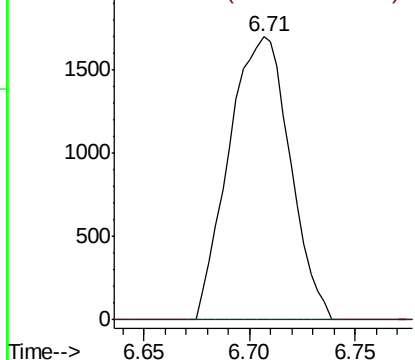


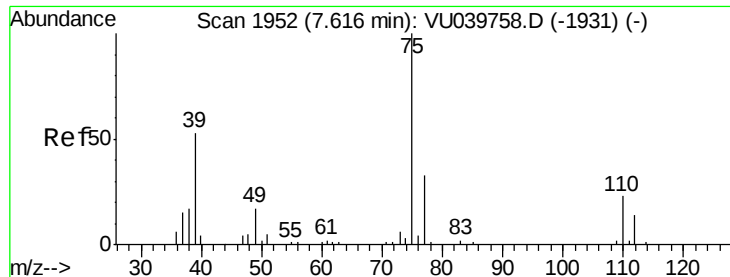
#37
1,2-Dichloropropane
Concen: 0.644 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039765.D
Acq: 06 Aug 2020 18:38

Tgt Ion: 63 Resp: 3407
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

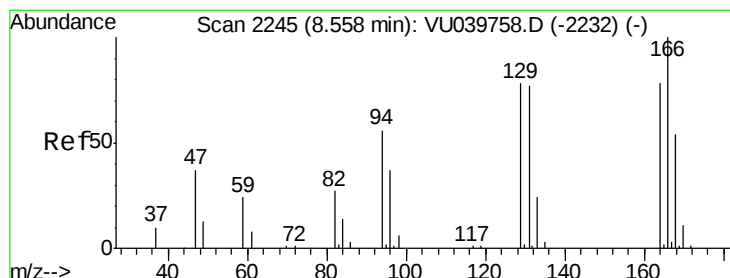
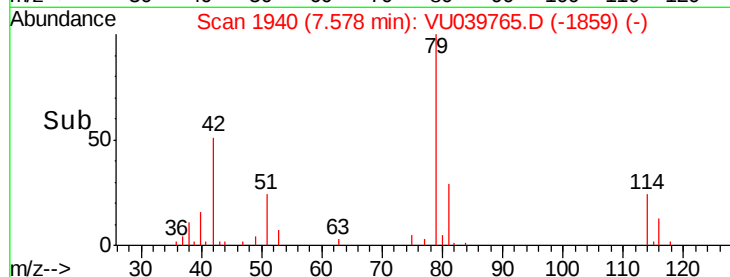
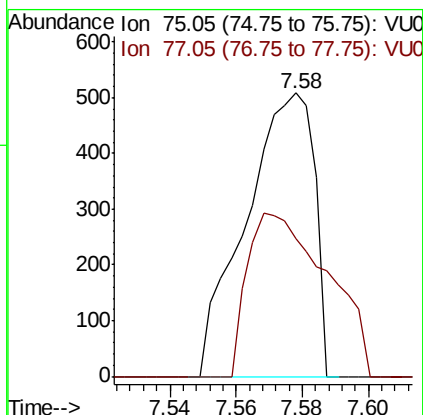
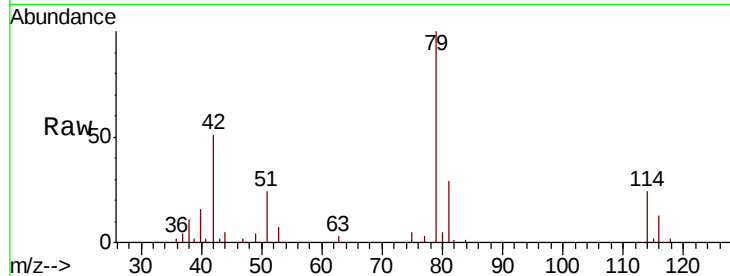




#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039765.D
 Acq: 06 Aug 2020 18:38

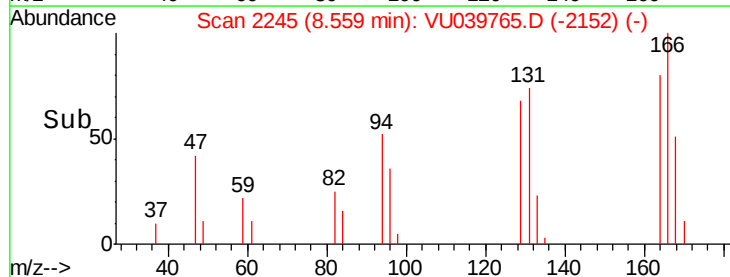
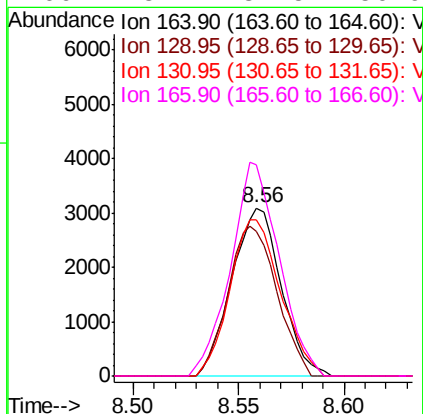
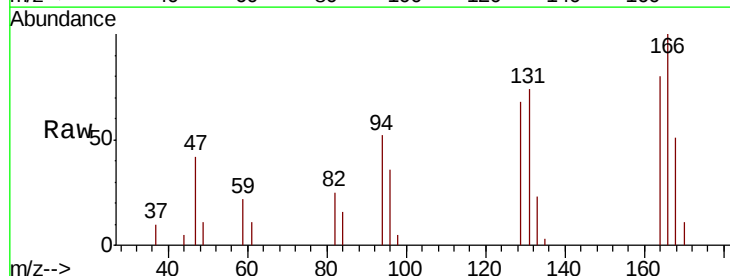
Instrument :
 MSVOA_U
 ClientSampleId :

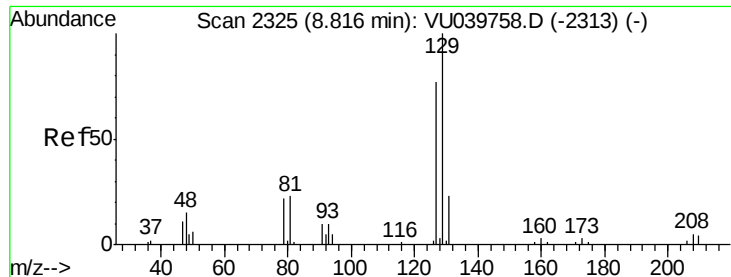
Tot Ion: 75 Resp: 731
 Ion Ratio Lower Upper
 75 100
 77 48.8 22.4 41.6#



#47
 Tetrachloroethene
 Concen: 1.179 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU039765.D
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Tgt Ion:164 Resp: 5032
 Ion Ratio Lower Upper
 164 100
 129 85.8 65.9 122.5
 131 93.3 68.1 126.5
 166 125.4 84.5 156.9

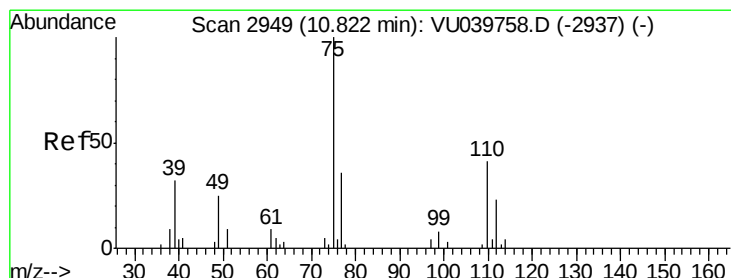
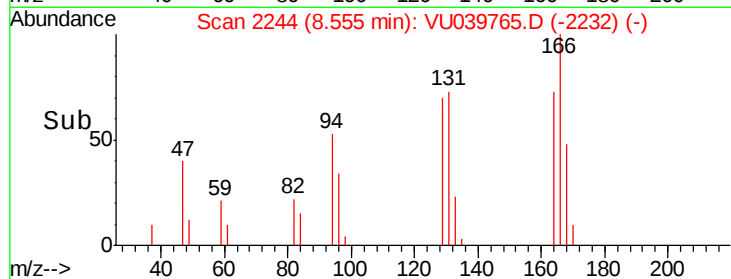
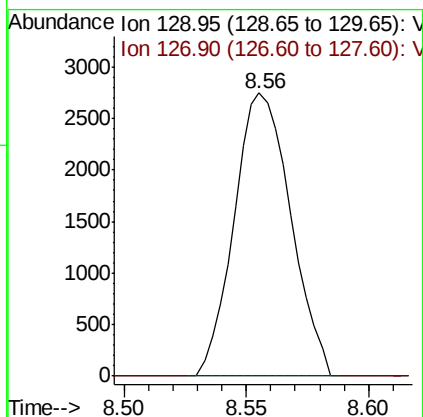
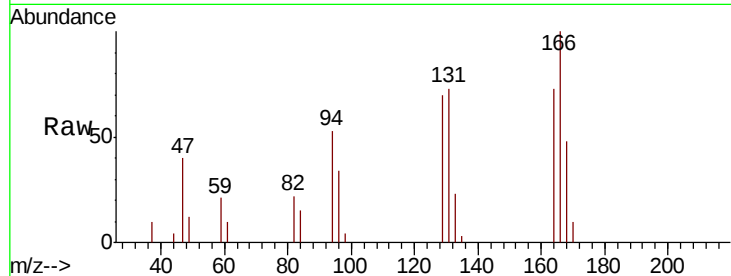




#49
 Dibromochloromethane
 Concen: 0.904 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.26 min
 Lab File: VU039765.D
 Acq: 06 Aug 2020 18:38

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:129 Resp: 4414
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.0 98.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.146 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU039765.D
 Acq: 06 Aug 2020 18:38

Tgt Ion: 75 Resp: 4374
 Ion Ratio Lower Upper
 75 100
 77 44.8 24.6 37.0#

