

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110920\
 Data File : VU041148.D
 Acq On : 09 Nov 2020 18:04
 Operator : SY/MD
 Sample : L4646-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T9

Quant Time: Nov 10 03:41:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 10 01:04:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	71782	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68927	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33434	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16666	2.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.20%
7) Chloroethane-d5	1.92	69	16157	3.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.80%
11) 1,1-Dichloroethene-d2	2.58	63	29181	2.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.40%#
20) 2-Butanone-d5	4.66	46	104026	52.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.76%
24) Chloroform-d	5.08	84	45892	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.72	65	30612	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.74	84	82071	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.70	67	30886	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.91	98	71974	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.19	79	12033	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.64	63	76499	54.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.22%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27472	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	32008	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

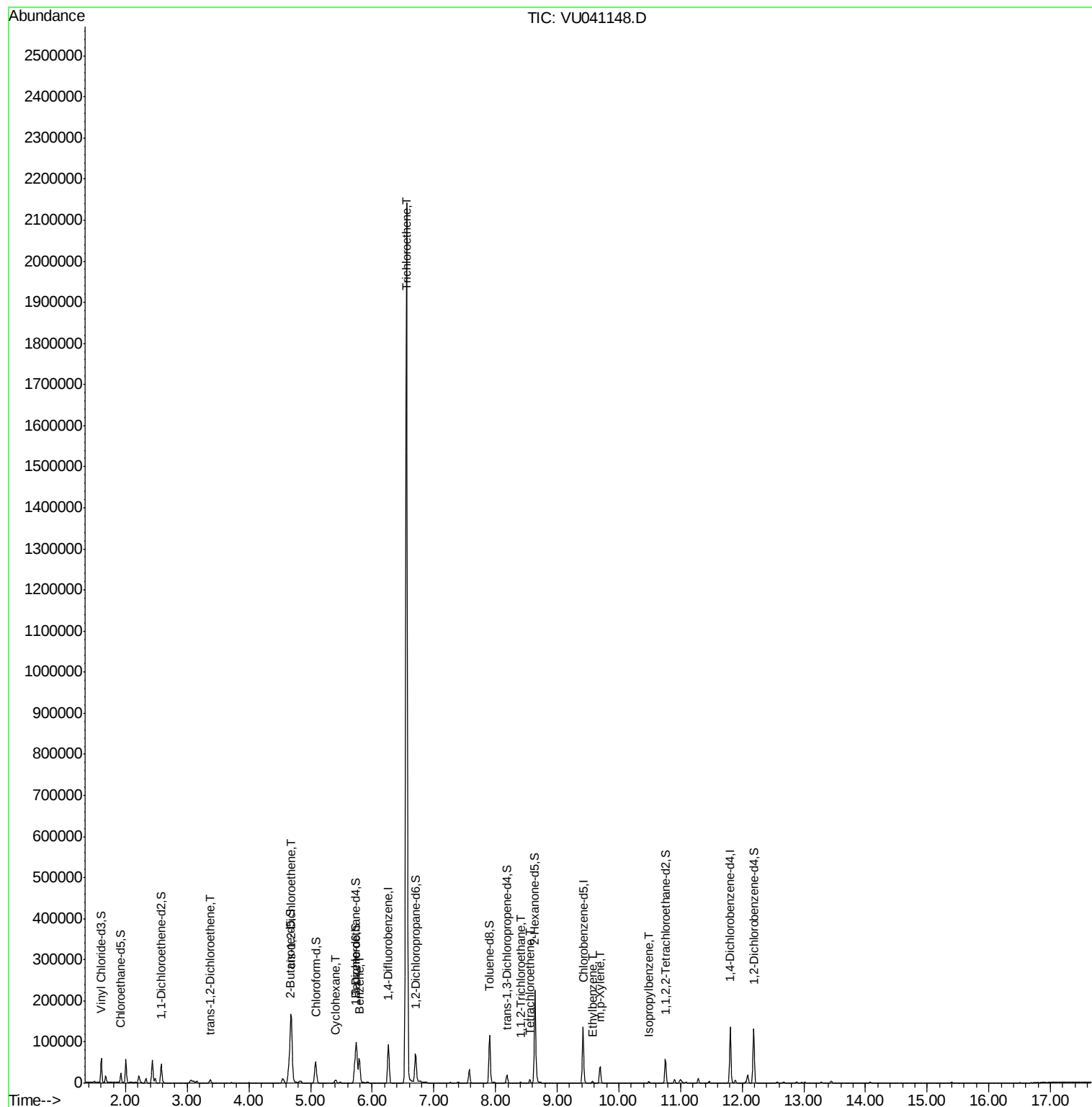
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
18) trans-1,2-Dichloroethene	3.37	96	1409	0.273	ug/L	96
22) cis-1,2-Dichloroethene	4.68	96	70907	13.340	ug/L	98
30) Cyclohexane	5.40	56	3981	0.479	ug/L	98
33) Benzene	5.79	78	55163	2.678	ug/L	100
34) Trichloroethene	6.56	95	722287	137.806	ug/L	99
45) 1,1,2-Trichloroethane	8.41	97	502	0.121	ug/L #	79
47) Tetrachloroethene	8.56	164	1553	0.403	ug/L	91
52) Ethylbenzene	9.57	91	3225	0.147	ug/L	89
53) m,p-Xylene	9.70	106	11287	1.408	ug/L	94
56) Isopropylbenzene	10.48	105	2769	0.138	ug/L	96

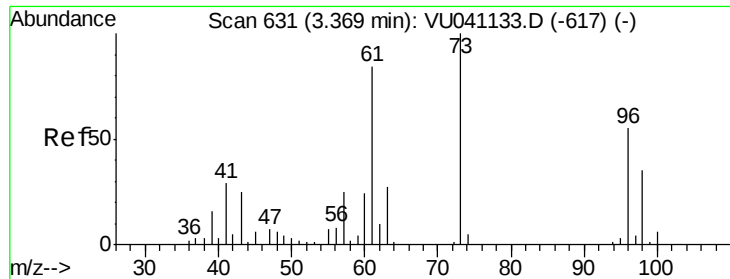
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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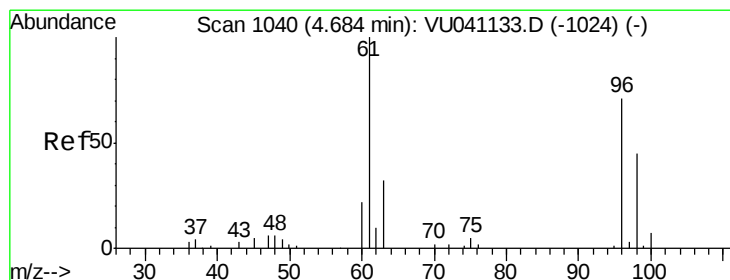
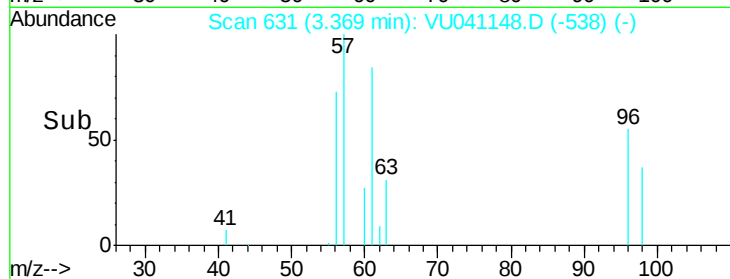
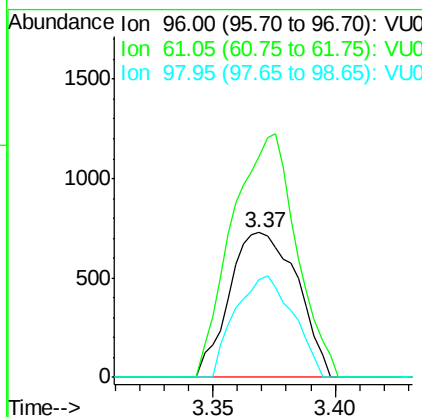
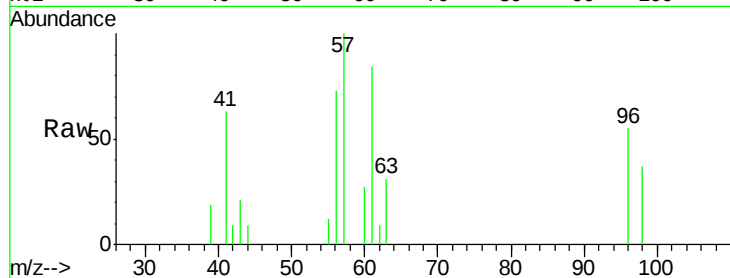




#18
trans-1,2-Dichloroethene
Concen: 0.273 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU041148.D
Acq: 09 Nov 2020 18:04

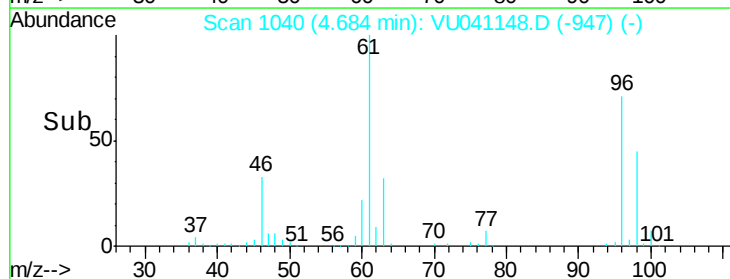
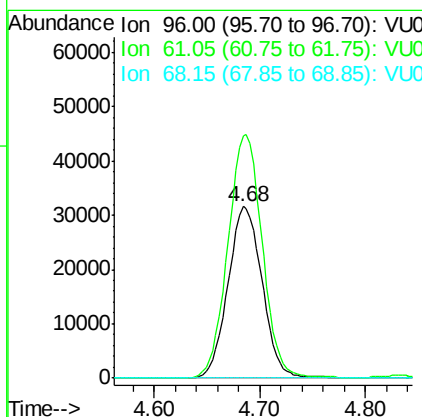
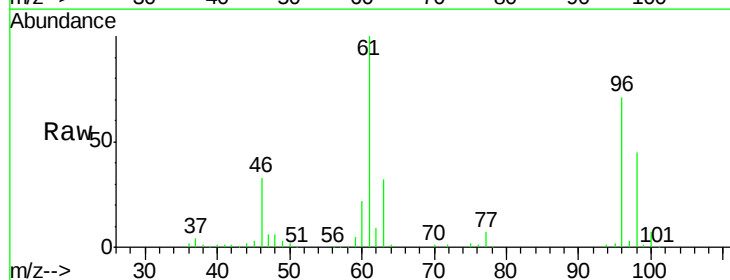
Instrument :
MSVOA_U
ClientSampled :
GB0T9

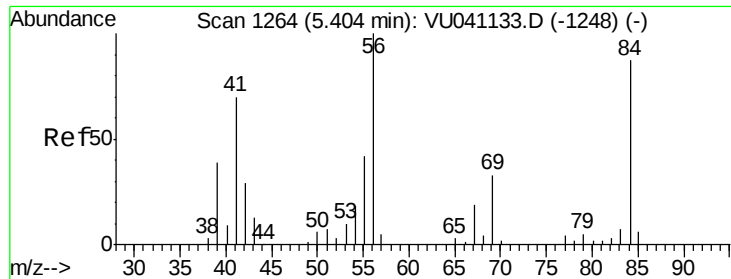
Tot Ion: 96 Resp: 1409
Ion Ratio Lower Upper
96 100
61 152.3 110.9 205.9
98 67.1 45.4 84.2



#22
cis-1,2-Dichloroethene
Concen: 13.340 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VU041148.D
Acq: 09 Nov 2020 18:04

Tgt Ion: 96 Resp: 70907
Ion Ratio Lower Upper
96 100
61 141.4 97.2 180.4
68 0.0 0.0 0.0

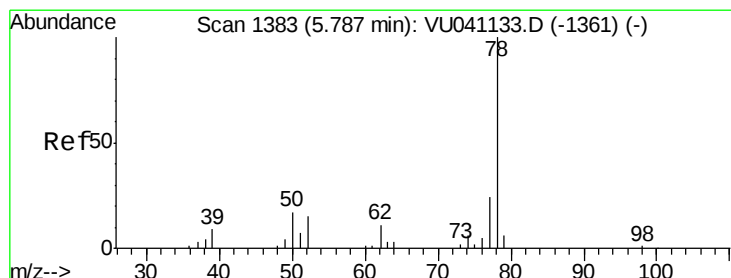
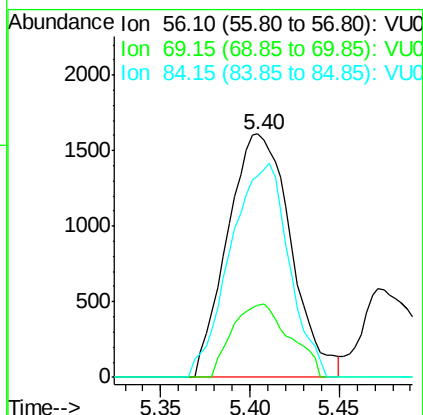
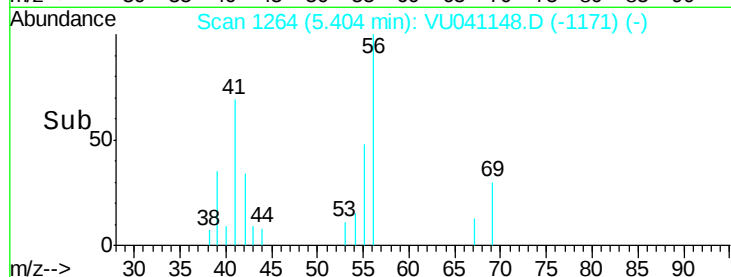
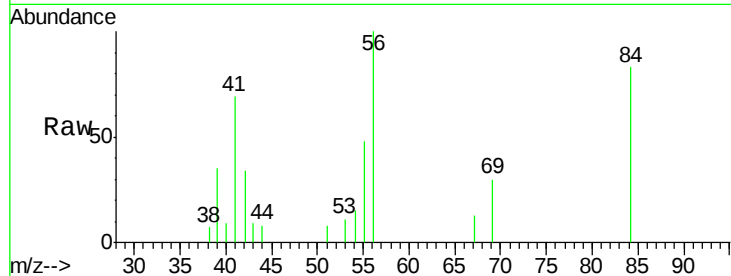




#30
Cyclohexane
Concen: 0.479 ug/L
RT: 5.40 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VU041148.D
Acq: 09 Nov 2020 18:04

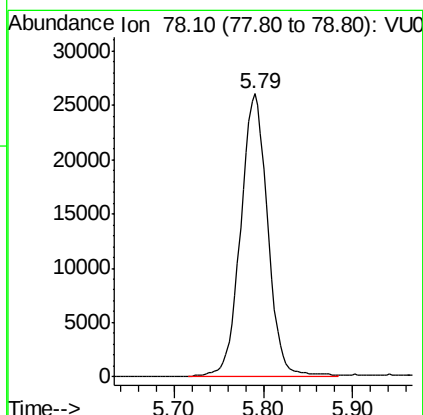
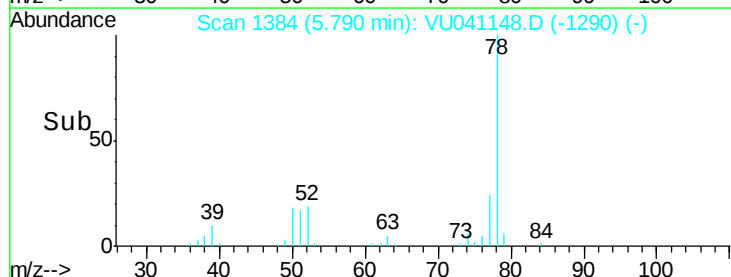
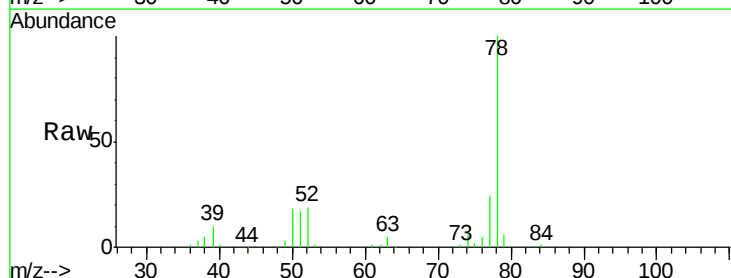
Instrument :
MSVOA_U
ClientSampleId :
GB0T9

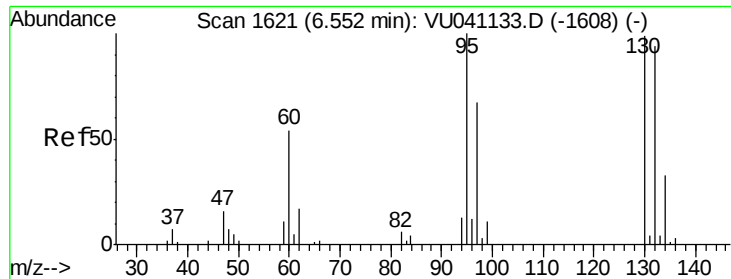
Tot Ion: 56 Resp: 3981
Ion Ratio Lower Upper
56 100
69 27.4 22.8 34.2
84 81.1 63.6 95.4



#33
Benzene
Concen: 2.678 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU041148.D
Acq: 09 Nov 2020 18:04

Tgt Ion: 78 Resp: 55163

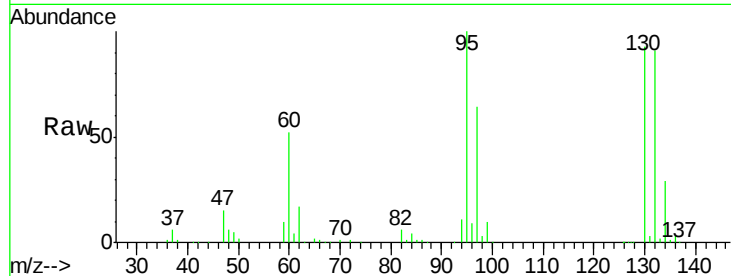




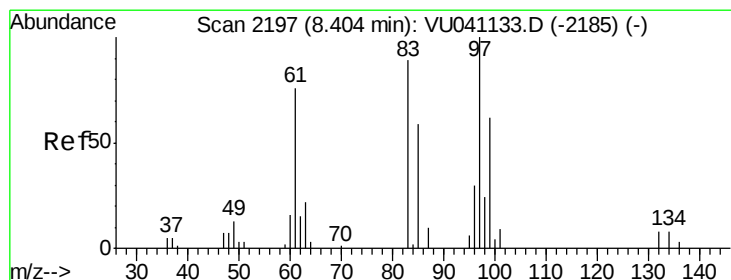
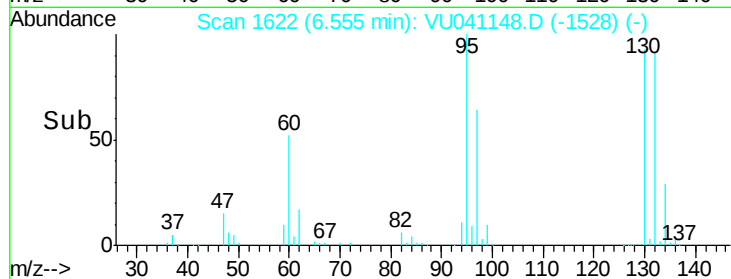
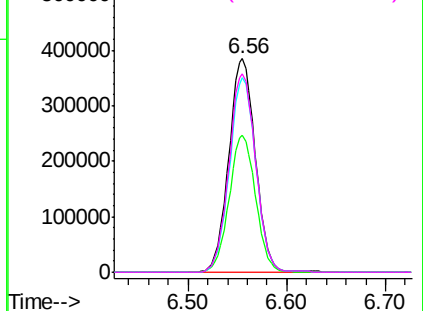
#34
 Trichloroethene
 Concen: 137.806 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU041148.D
 Acq: 09 Nov 2020 18:04

Instrument :
 MSVOA_U
 ClientSampled :
 GB0T9

Tot Ion: 95 Resp: 722287
 Ion Ratio Lower Upper
 95 100
 97 64.2 45.6 84.6
 132 91.0 64.8 120.4
 130 93.0 64.8 120.4



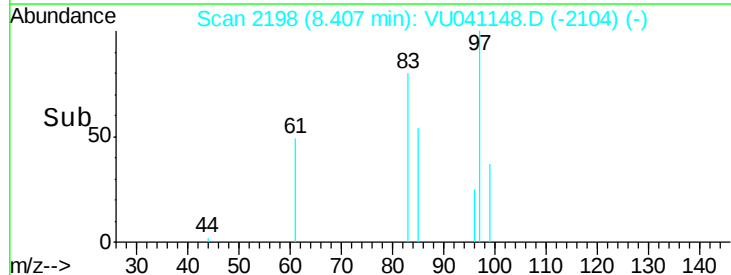
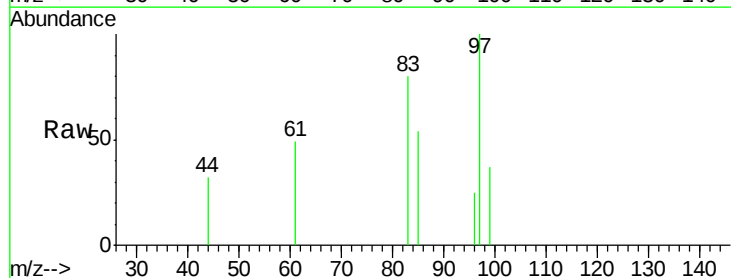
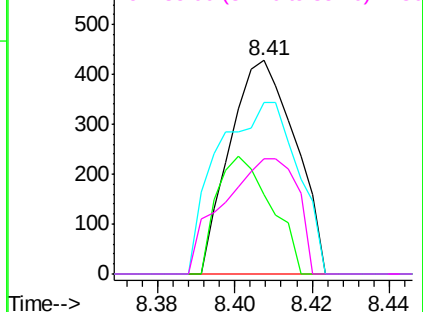
Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

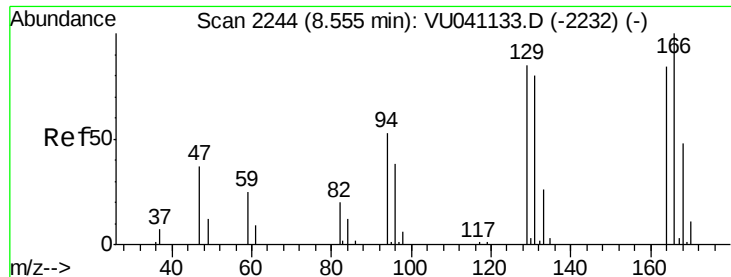


#45
 1,1,2-Trichloroethane
 Concen: 0.121 ug/L
 RT: 8.41 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU041148.D
 Acq: 09 Nov 2020 18:04

Tgt Ion: 97 Resp: 502
 Ion Ratio Lower Upper
 97 100
 99 36.9 45.8 85.2#
 83 80.1 67.9 126.1
 85 53.7 42.8 79.6

Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

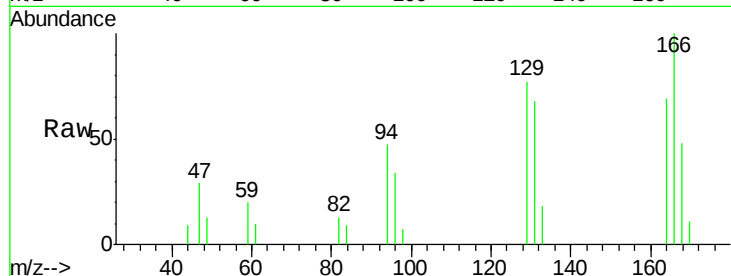




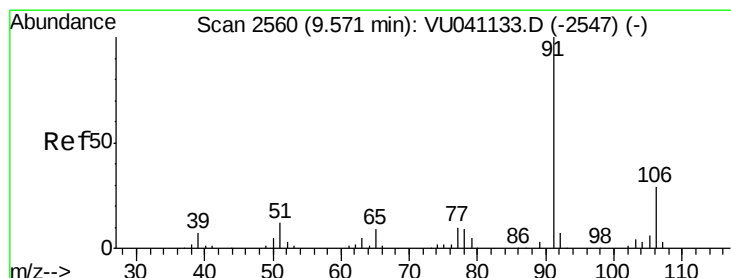
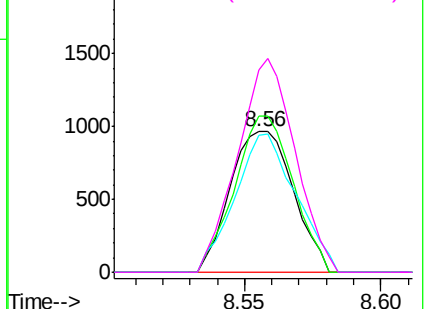
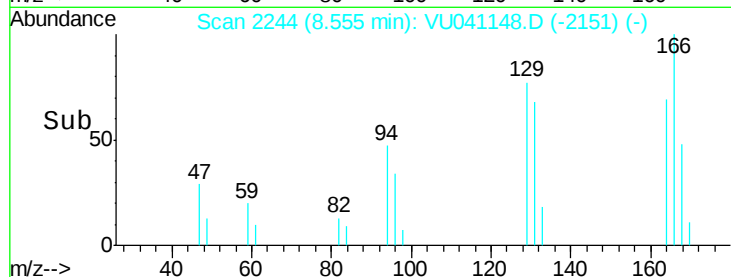
#47
Tetrachloroethene
Concen: 0.403 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VU041148.D
Acq: 09 Nov 2020 18:04

Instrument :
MSVOA_U
ClientSampled :
GB0T9

Tot Ion:164 Resp: 1553
Ion Ratio Lower Upper
164 100
129 111.5 70.3 130.7
131 98.0 70.8 131.4
166 144.3 92.0 170.8

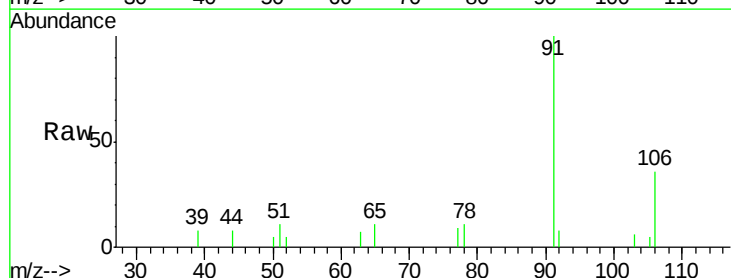


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

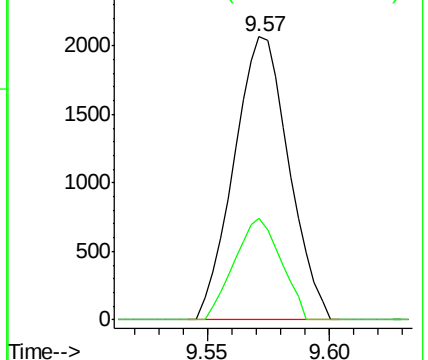
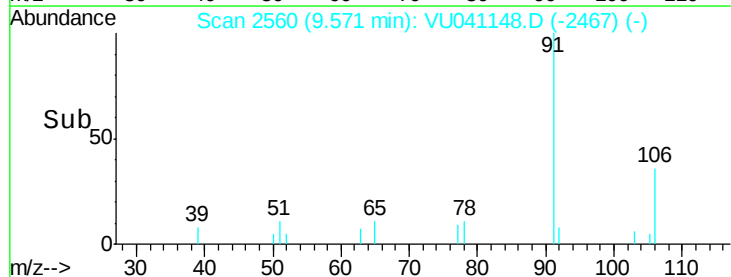


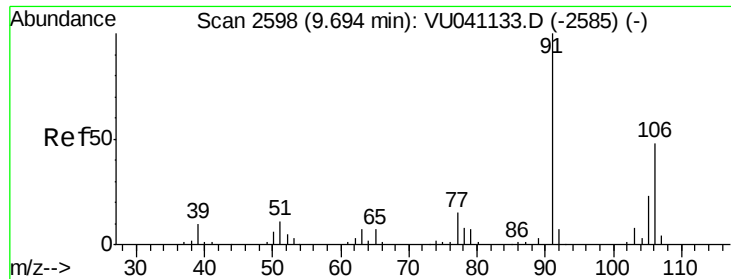
#52
Ethylbenzene
Concen: 0.147 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU041148.D
Acq: 09 Nov 2020 18:04

Tgt Ion: 91 Resp: 3225
Ion Ratio Lower Upper
91 100
106 35.8 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VU0
Ion 106.15 (105.85 to 106.85): V

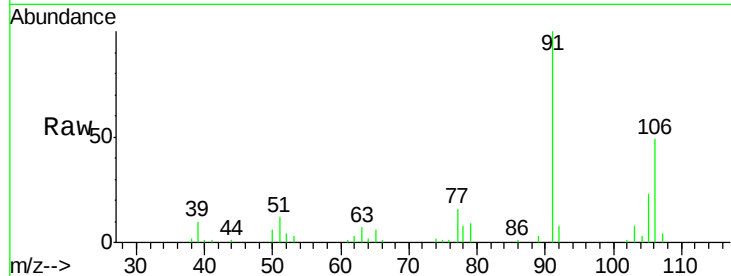




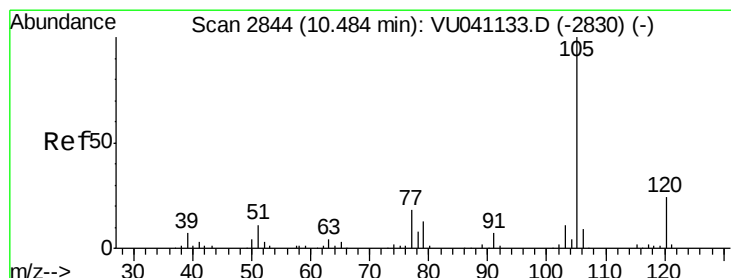
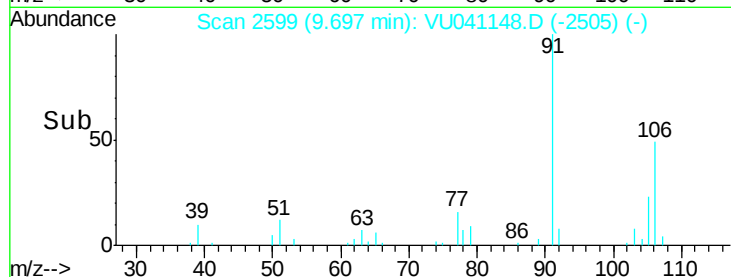
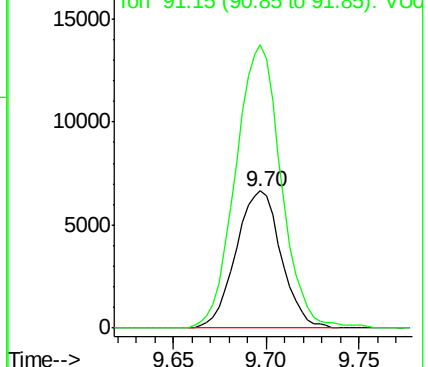
#53
m,p-Xylene
Concen: 1.408 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU041148.D
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Tot Ion:106 Resp: 11287
Ion Ratio Lower Upper
106 100
91 206.1 150.9 280.3

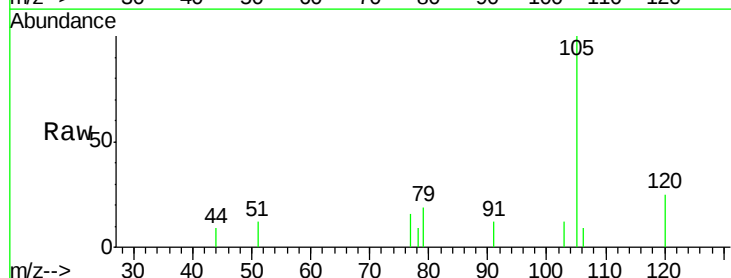


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0



#56
Isopropylbenzene
Concen: 0.138 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU041148.D
Acq: 09 Nov 2020 18:04

Tgt Ion:105 Resp: 2769
Ion Ratio Lower Upper
105 100
120 23.2 20.7 31.1
77 15.9 13.8 20.6



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.10 (119.80 to 120.80): V
Ion 77.10 (76.80 to 77.80): VU0

