

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091820\
 Data File : VU040206.D
 Acq On : 18 Sep 2020 13:20
 Operator : SY/MD
 Sample : L4063-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0TR2

Quant Time: Sep 18 23:22:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 23:20:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	102414	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	102850	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44700	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27199	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.92	69	26404	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.40%
11) 1,1-Dichloroethene-d2	2.58	63	47141	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.66	46	132577	59.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.56%
24) Chloroform-d	5.08	84	67507	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.72	65	43648	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.74	84	122593	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.70	67	42031	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.91	98	98733	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	8.19	79	17008	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.64	63	94817	55.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	37511	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	40409	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

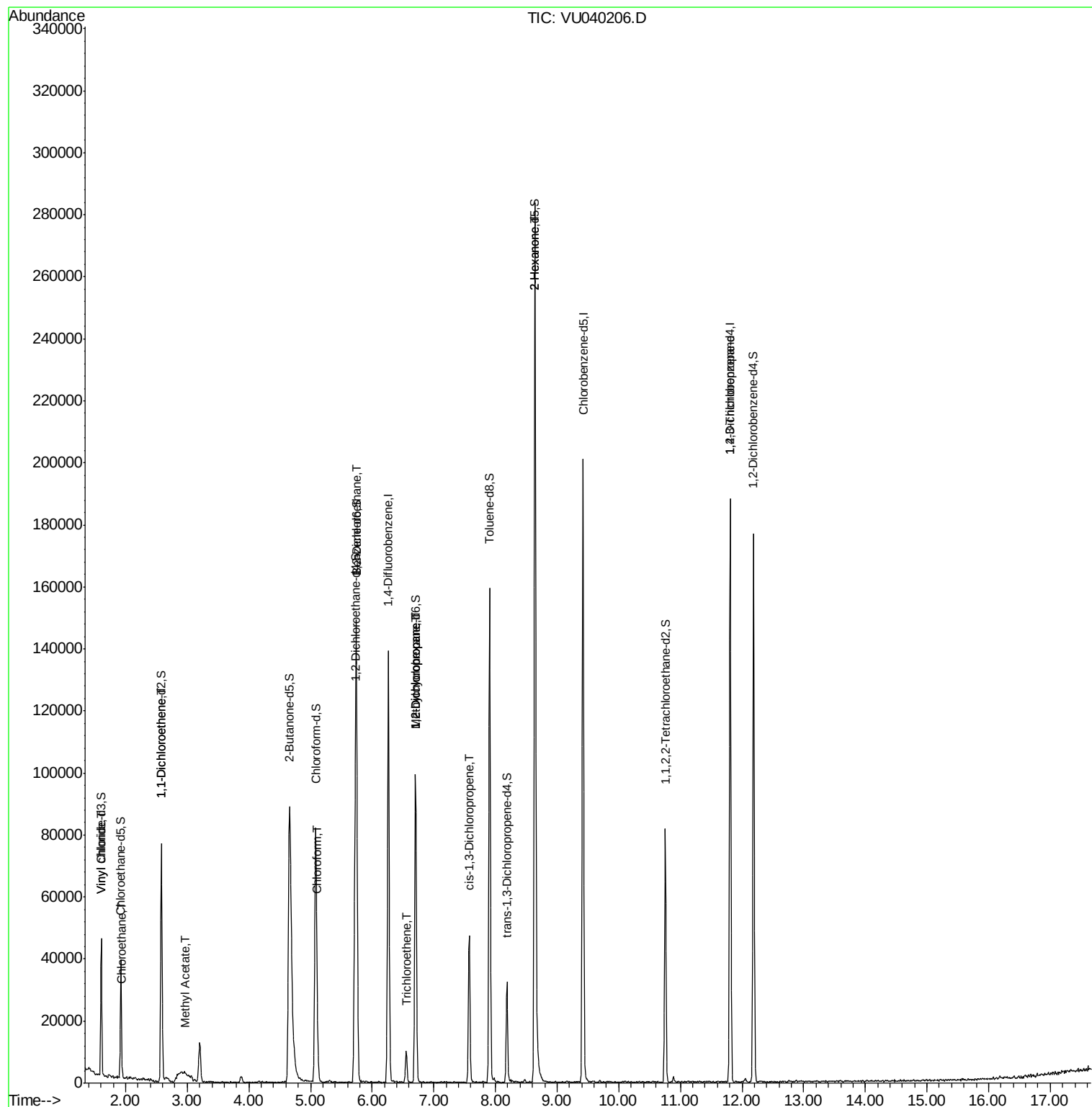
					Ovalue	
5) Vinyl chloride	1.61	62	481	0.049	ug/L #	41
8) Chloroethane	1.94	64	307	0.052	ug/L #	42
12) 1,1-Dichloroethene	2.58	96	475	0.060	ug/L #	1
15) Methyl Acetate	2.97	43	460	0.089	ug/L #	54
25) Chloroform	5.11	83	10502	0.584	ug/L	95
27) 1,2-Dichloroethane	5.74	62	850	0.065	ug/L #	78
34) Trichloroethene	6.55	95	3339	0.338	ug/L #	87
35) Methylcyclohexane	6.71	83	10473	0.693	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	5437	0.546	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1721	0.117	ug/L	98
48) 2-Hexanone	8.64	43	13989	2.346	ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	6440	0.872	ug/L	91

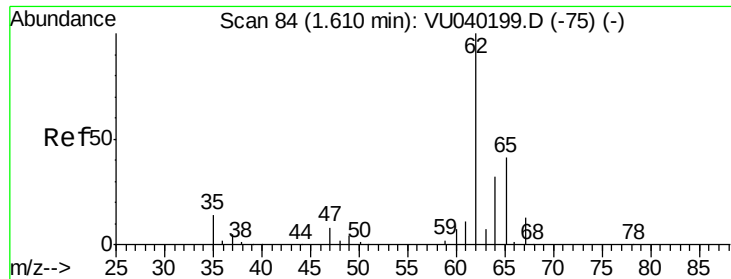
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 18 23:20:35 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.049 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040206.D

Acq: 18 Sep 2020 13:20

Instrument :

MSVOA_U

ClientSampled :

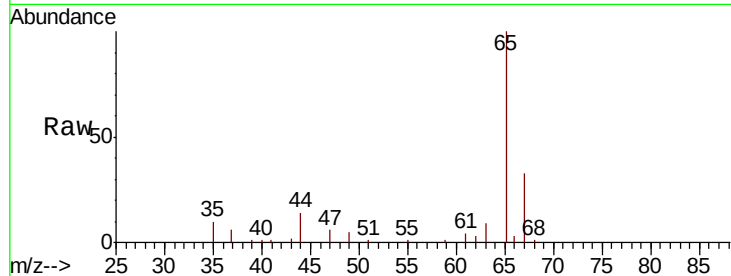
C0TR2

Tot Ion: 62 Resp: 481

Ion Ratio Lower Upper

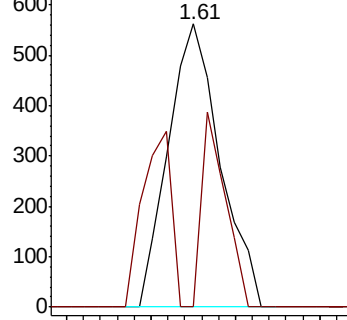
62 100

64 0.0 23.9 44.3#

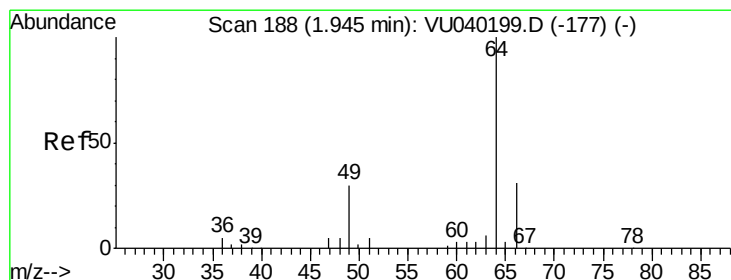
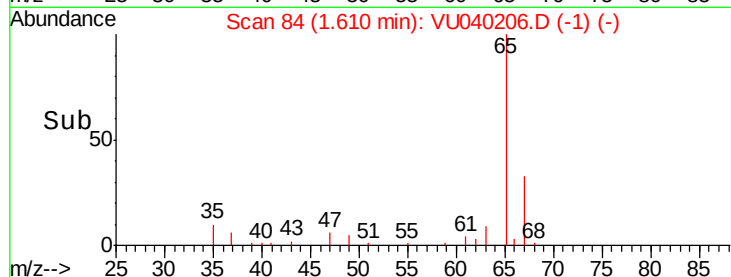


Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



Time-->



#8

Chloroethane

Concen: 0.052 ug/L

RT: 1.94 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU040206.D

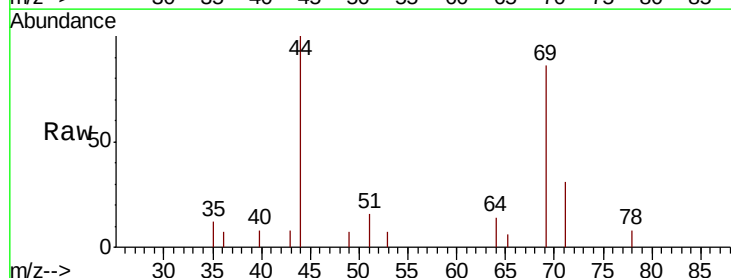
Acq: 18 Sep 2020 13:20

Tgt Ion: 64 Resp: 307

Ion Ratio Lower Upper

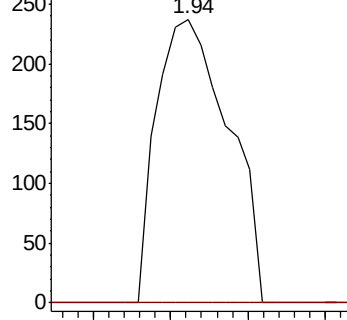
64 100

66 0.0 22.7 42.1#

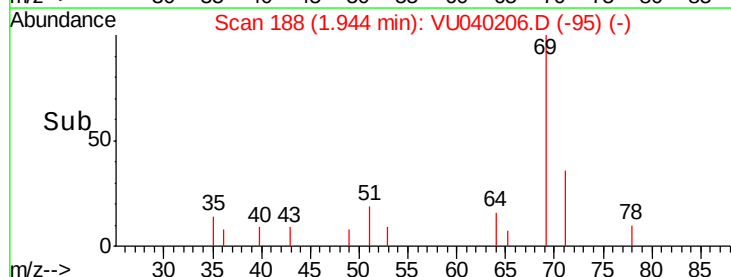


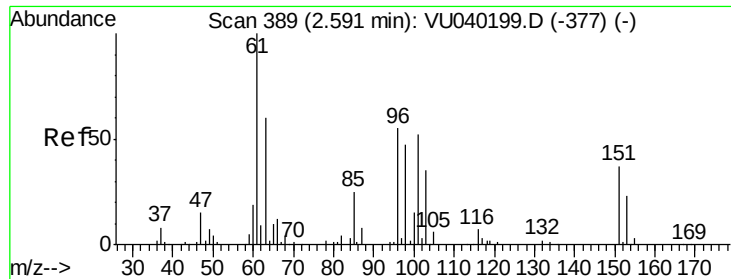
Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



Time-->

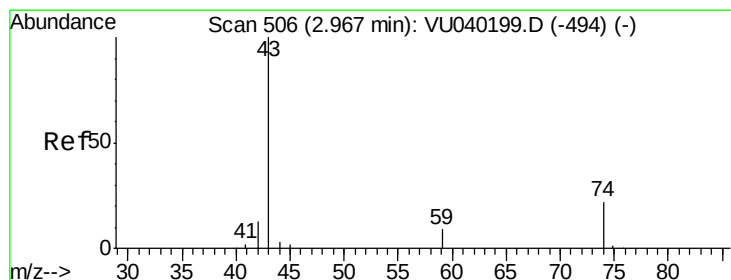
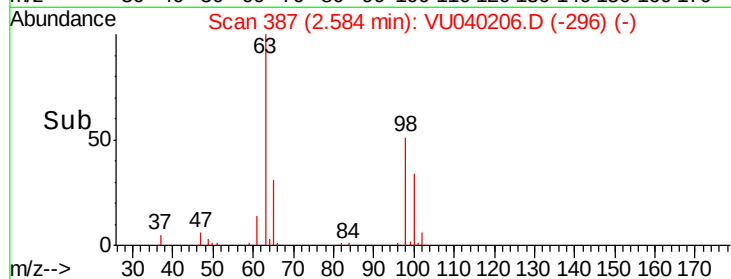
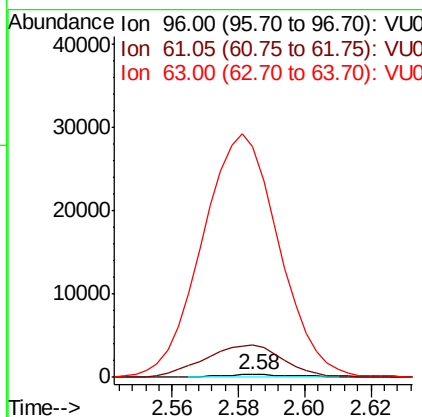
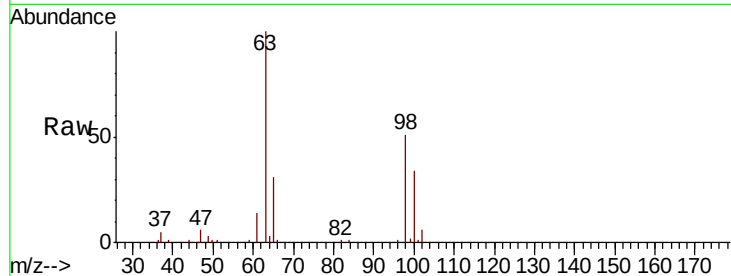




#12
 1,1-Dichloroethene
 Concen: 0.060 ug/L
 RT: 2.58 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VU040206.D
 Acq: 18 Sep 2020 13:20

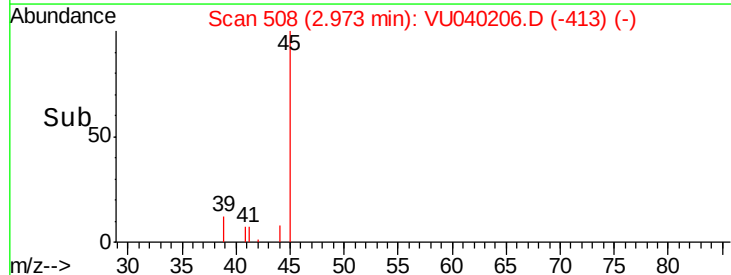
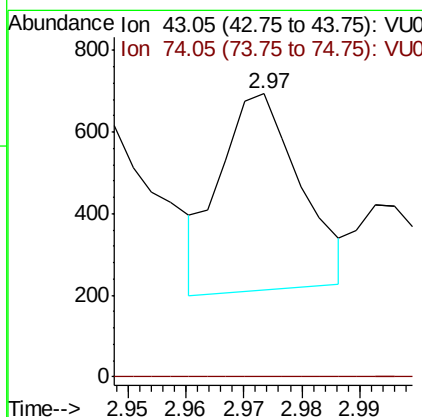
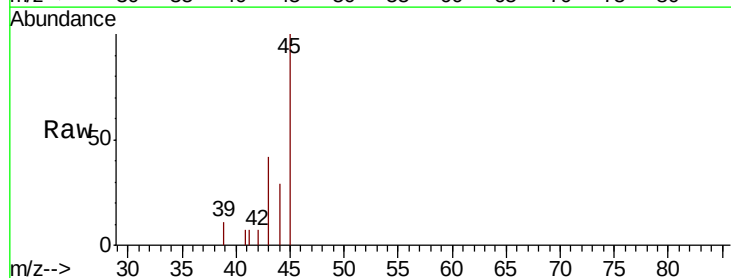
Instrument :
 MSVOA_U
 ClientSampleId :
 C0TR2

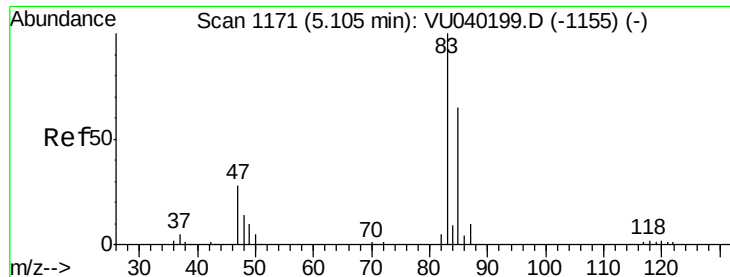
Tot Ion: 96 Resp: 475
 Ion Ratio Lower Upper
 96 100
 61 1174.8 138.3 256.8#
 63 8407.3 77.6 144.2#



#15
 Methyl Acetate
 Concen: 0.089 ug/L
 RT: 2.97 min Scan# 508
 Delta R.T. 0.01 min
 Lab File: VU040206.D
 Acq: 18 Sep 2020 13:20

Tgt Ion: 43 Resp: 460
 Ion Ratio Lower Upper
 43 100
 74 0.0 17.4 26.0#

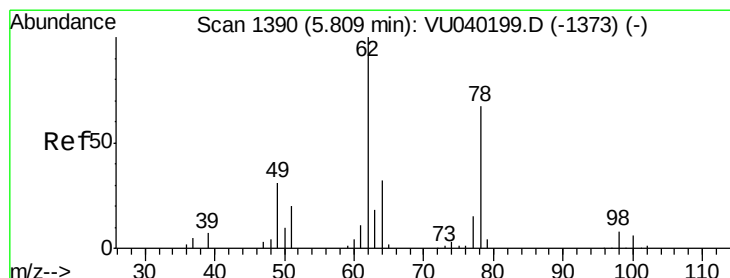
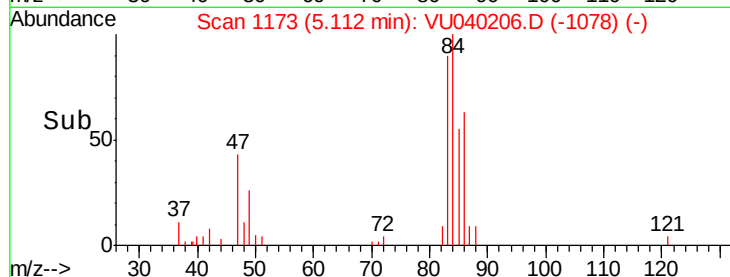
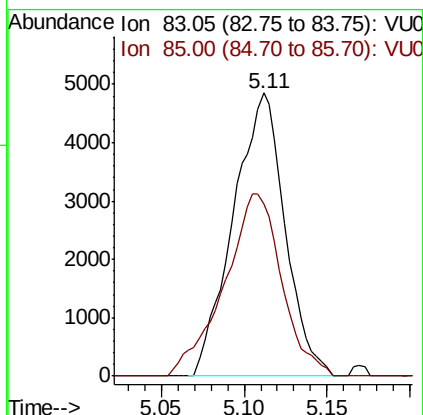
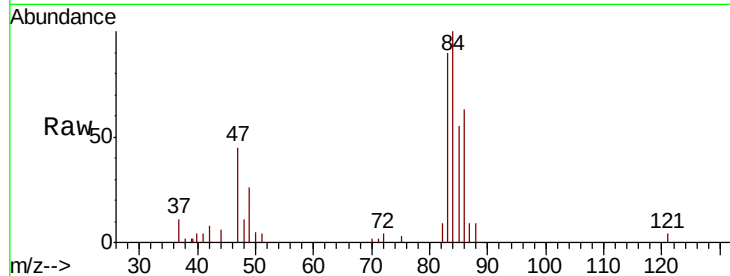




#25
Chloroform
Concen: 0.584 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU040206.D
Acq: 18 Sep 2020 13:20

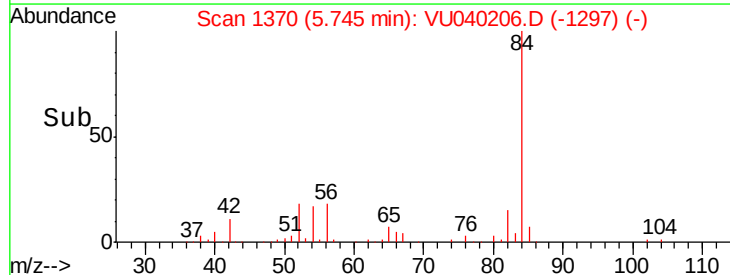
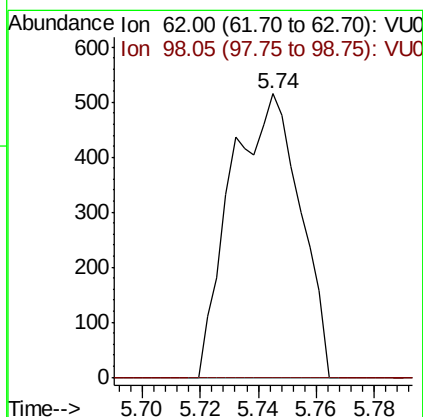
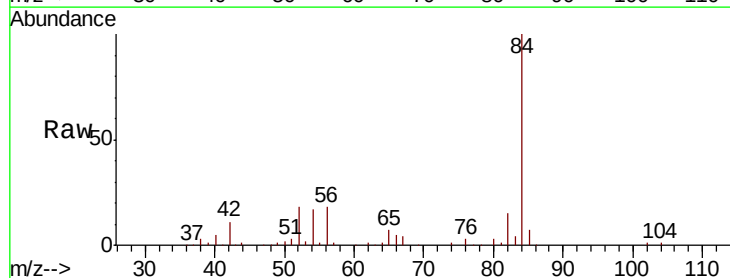
Instrument :
MSVOA_U
ClientSampleId :
C0TR2

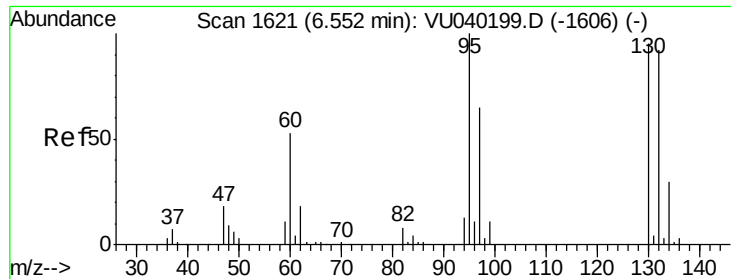
Tot Ion: 83 Resp: 10502
Ion Ratio Lower Upper
83 100
85 60.9 45.3 84.1



#27
1,2-Dichloroethane
Concen: 0.065 ug/L
RT: 5.74 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU040206.D
Acq: 18 Sep 2020 13:20

Tgt Ion: 62 Resp: 850
Ion Ratio Lower Upper
62 100
98 0.0 6.1 9.1#

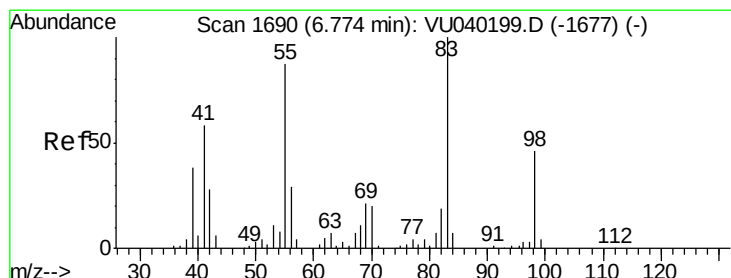
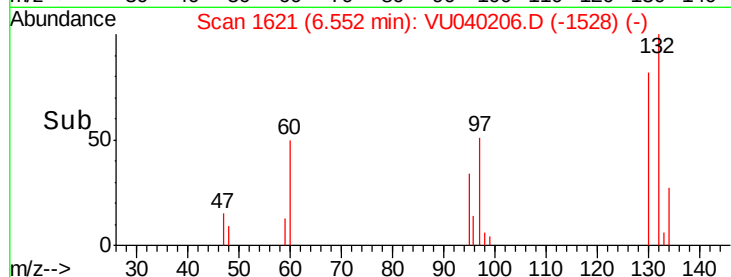
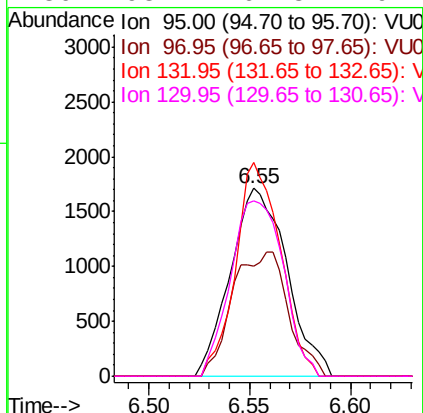
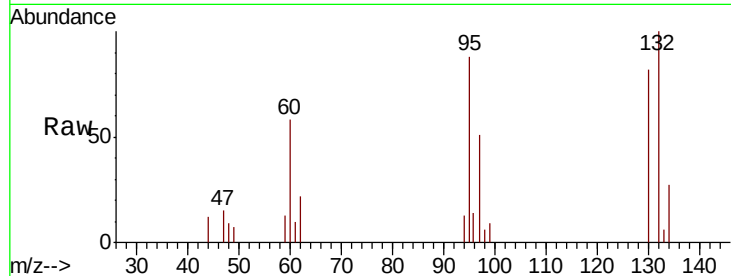




#34
 Trichloroethene
 Concen: 0.338 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040206.D
 Acq: 18 Sep 2020 13:20

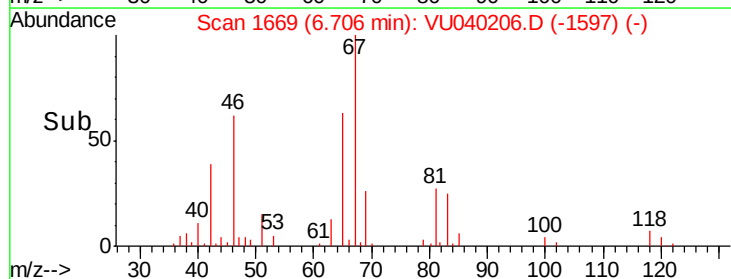
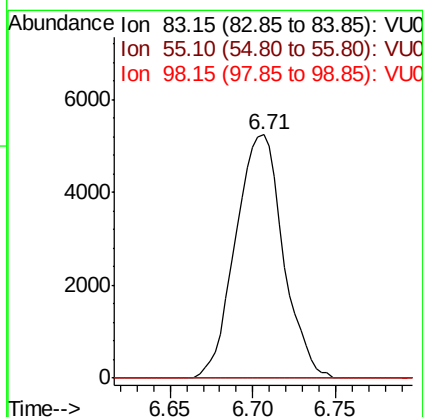
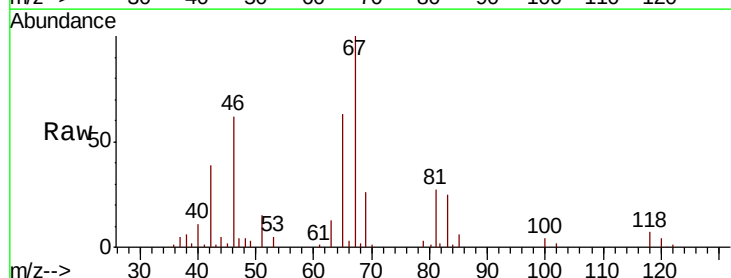
Instrument :
 MSVOA_U
 ClientSampleId :
 C0TR2

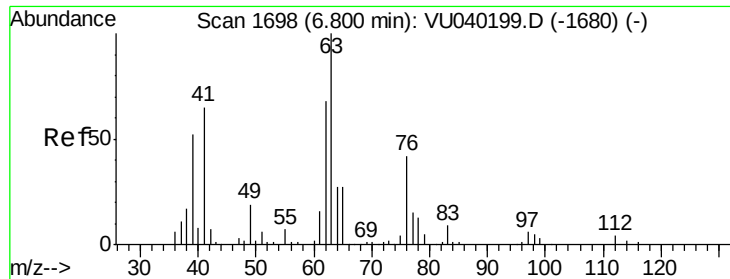
Tot Ion: 95 Resp: 3339
 Ion Ratio Lower Upper
 95 100
 97 58.6 43.3 80.5
 132 113.8 59.4 110.4#
 130 93.4 64.8 120.4



#35
 Methylcyclohexane
 Concen: 0.693 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.07 min
 Lab File: VU040206.D
 Acq: 18 Sep 2020 13:20

Tgt Ion: 83 Resp: 10473
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.5 105.7#
 98 1.9 37.8 56.6#

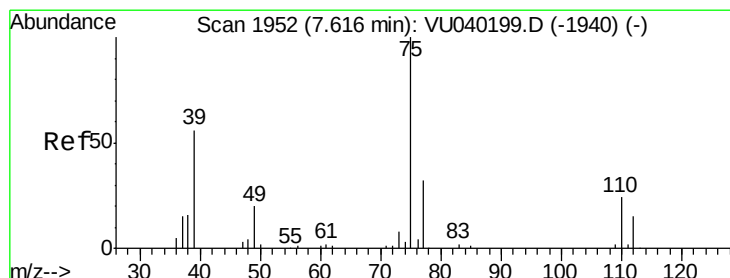
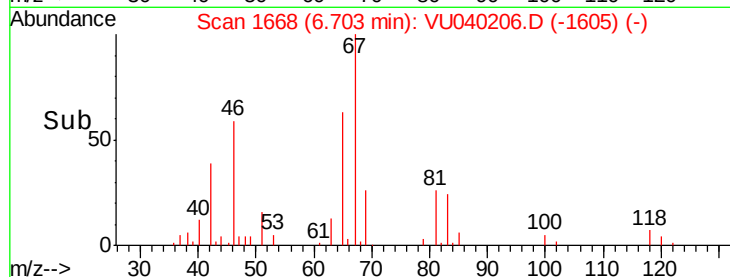
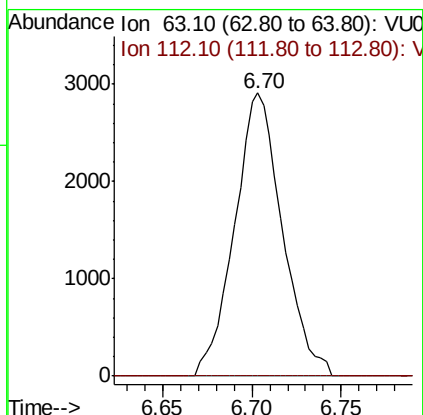
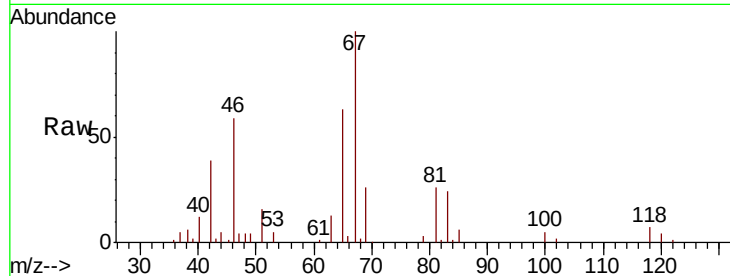




#37
 1,2-Dichloropropane
 Concen: 0.546 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040206.D
 Acq: 18 Sep 2020 13:20

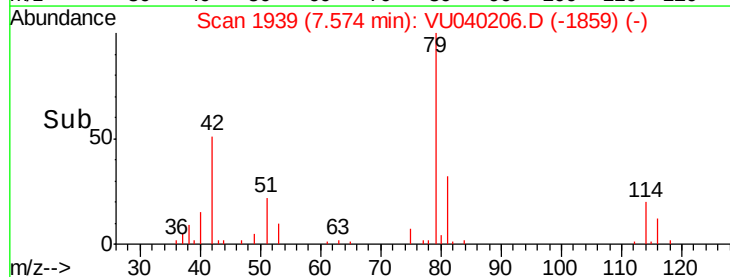
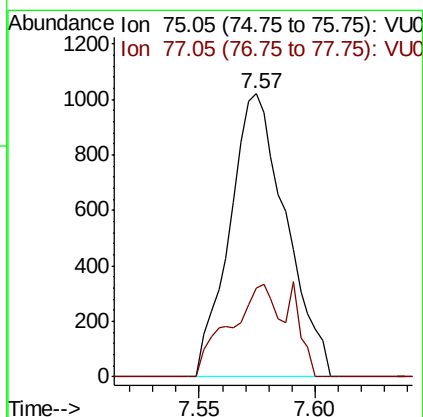
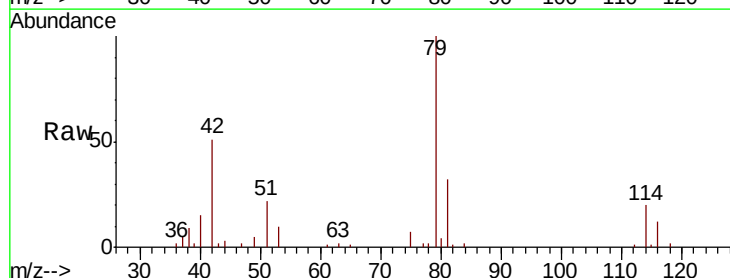
Instrument :
 MSVOA_U
 ClientSampleId :
 C0TR2

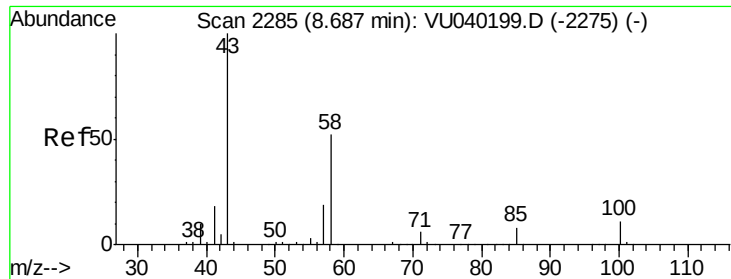
Tot Ion: 63 Resp: 5437
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040206.D
 Acq: 18 Sep 2020 13:20

Tgt Ion: 75 Resp: 1721
 Ion Ratio Lower Upper
 75 100
 77 31.2 21.1 39.3

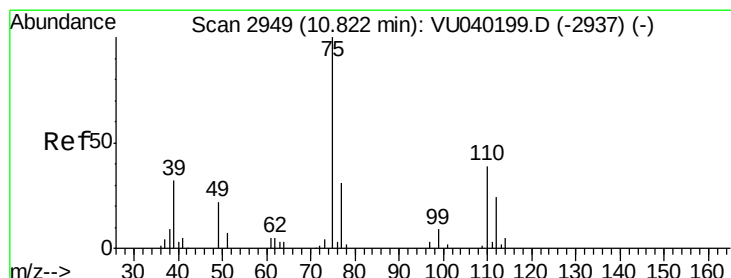
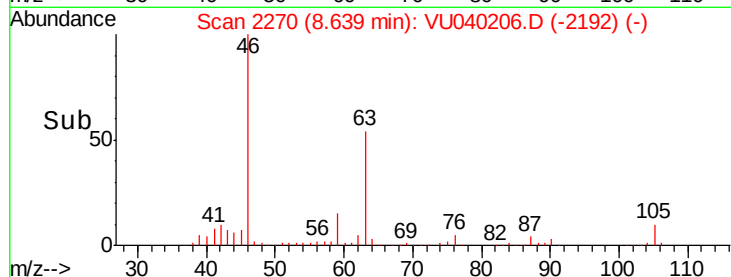
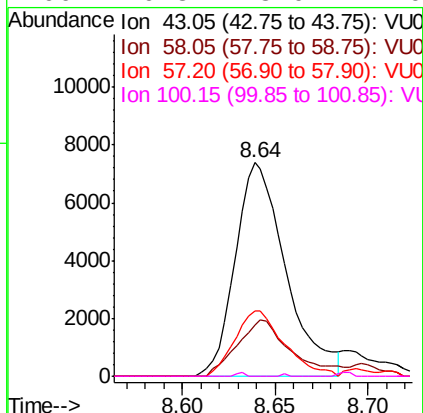
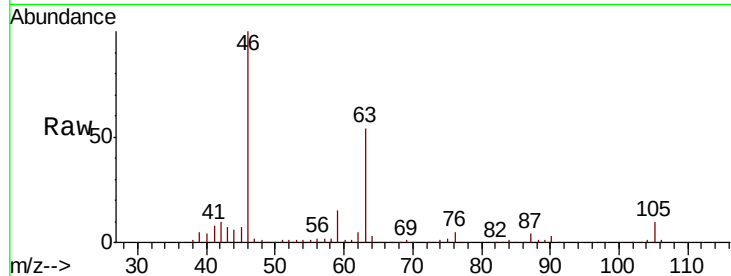




#48
 2-Hexanone
 Concen: 2.346 ug/L
 RT: 8.64 min Scan# 2270
 Delta R.T. -0.05 min
 Lab File: VU040206.D
 Acq: 18 Sep 2020 13:20

Instrument :
 MSVOA_U
 ClientSampled :
 C0TR2

Tot Ion:	43	Resp:	13989
Ion	Ratio	Lower	Upper
43	100		
58	28.1	39.6	59.4#
57	29.6	14.3	21.5#
100	0.3	8.0	12.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.872 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040206.D
 Acq: 18 Sep 2020 13:20

Tgt Ion:	75	Resp:	6440
Ion	Ratio	Lower	Upper
75	100		
77	36.1	24.9	37.3

