

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091820\
 Data File : VU040215.D
 Acq On : 18 Sep 2020 16:49
 Operator : SY/MD
 Sample : L4063-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK5

Quant Time: Sep 18 23:23:53 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	105933	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	107679	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45355	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	26769	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.92	69	25805	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.58	63	47063	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.66	46	130862	56.57	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.14%
24) Chloroform-d	5.08	84	70245	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.72	65	43726	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.74	84	122701	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.70	67	41662	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.91	98	95750	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.19	79	17116	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.64	63	92618	51.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38937	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	39101	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

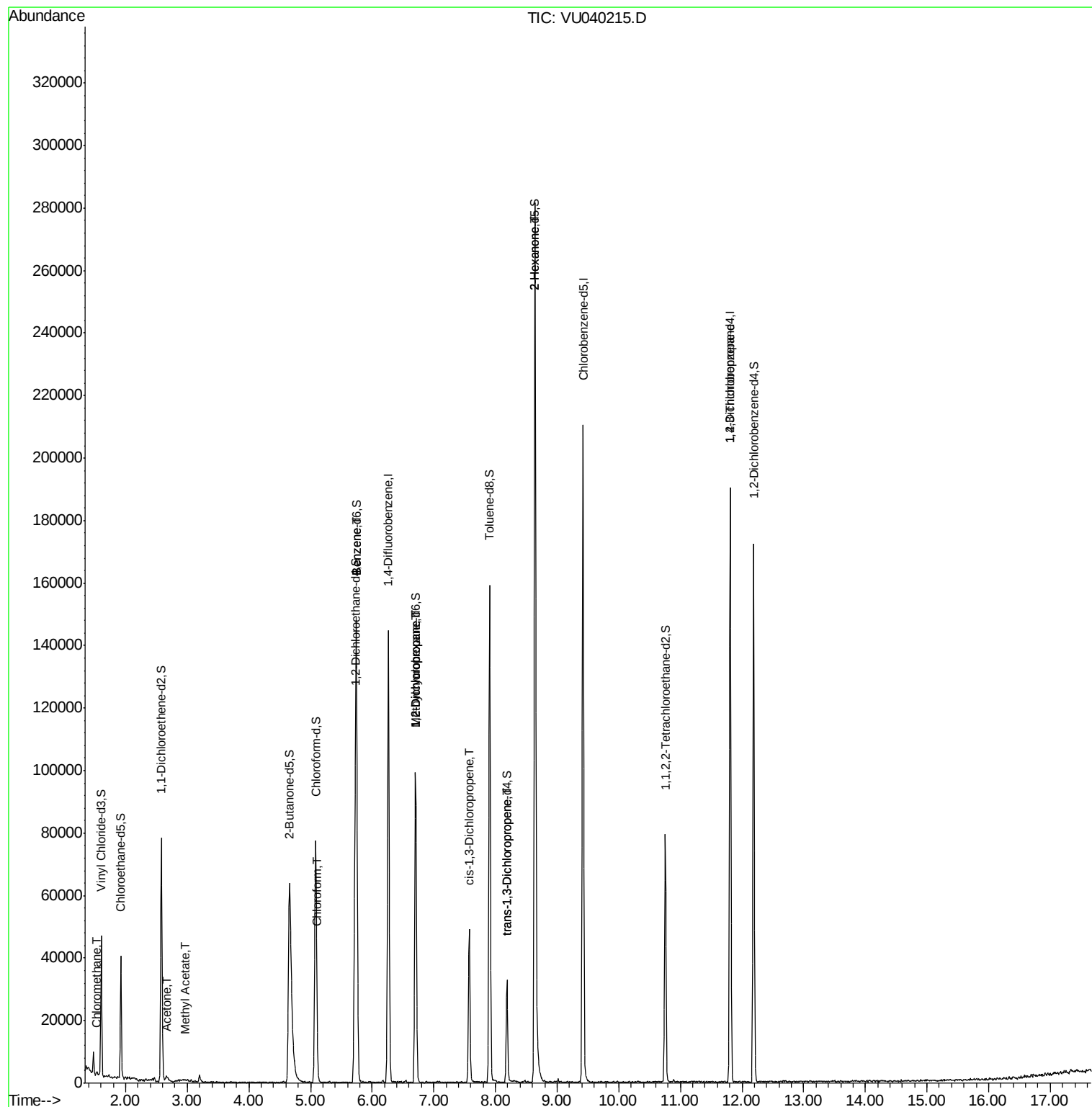
					Ovalue
3) Chloromethane	1.52	50	583	0.058 ug/L	100
13) Acetone	2.66	43	1696	0.792 ug/L	63
15) Methyl Acetate	2.97	43	477	0.089 ug/L #	54
25) Chloroform	5.11	83	1362	0.073 ug/L #	70
33) Benzene	5.74	78	1025	0.027 ug/L	100
35) Methylcyclohexane	6.70	83	10435	0.660 ug/L #	14
37) 1,2-Dichloropropane	6.71	63	5213	0.500 ug/L #	91
39) cis-1,3-Dichloropropene	7.58	75	1166	0.076 ug/L #	67
44) trans-1,3-Dichloropropene	8.19	75	974	0.068 ug/L #	71
48) 2-Hexanone	8.64	43	14380	2.304 ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	6308	0.816 ug/L #	80

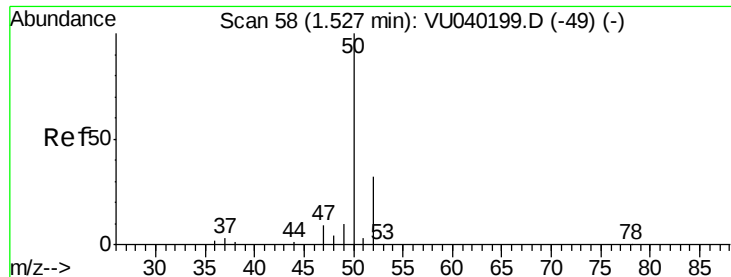
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 18 23:20:35 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.058 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU040215.D

Acq: 18 Sep 2020 16:49

Instrument :

MSVOA_U

ClientSampled :

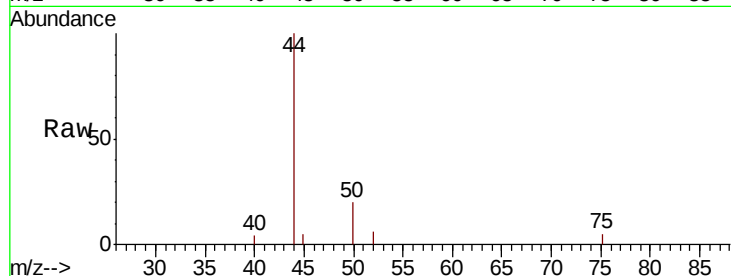
C0AK5

Tot Ion: 50 Resp: 583

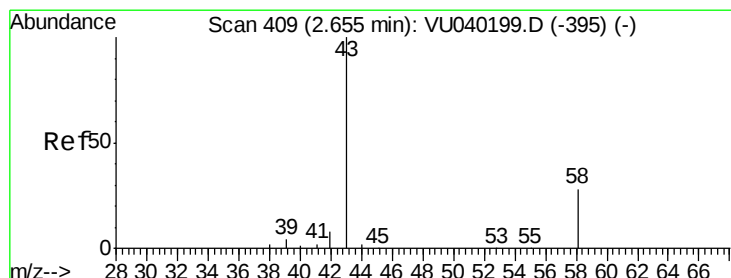
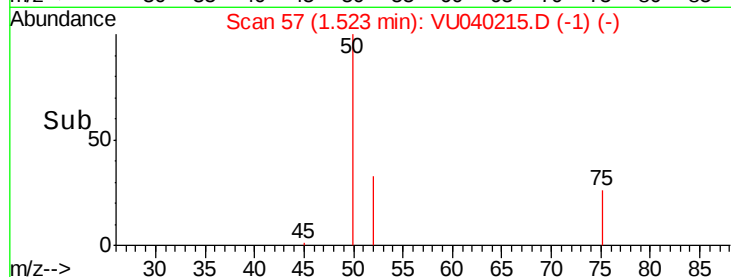
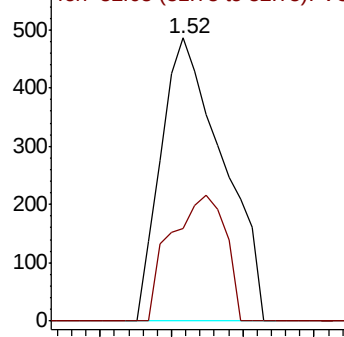
Ion Ratio Lower Upper

50 100

52 32.5 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU040215.D (-1) (-)



#13

Acetone

Concen: 0.792 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU040215.D

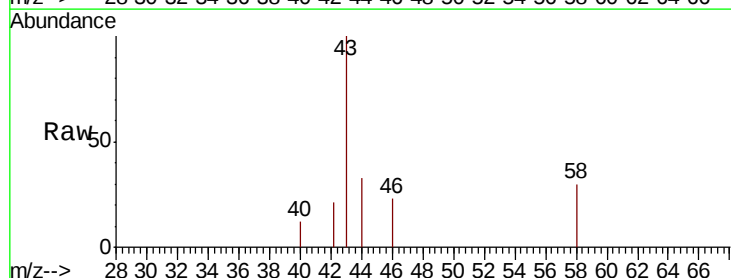
Acq: 18 Sep 2020 16:49

Tgt Ion: 43 Resp: 1696

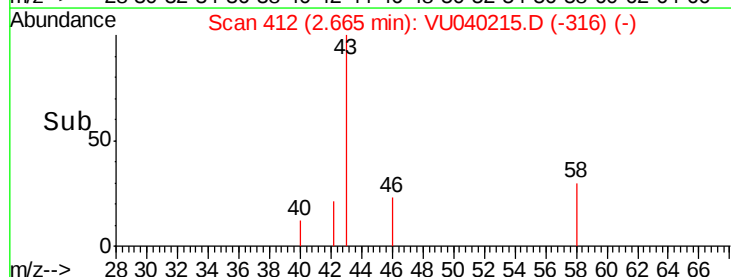
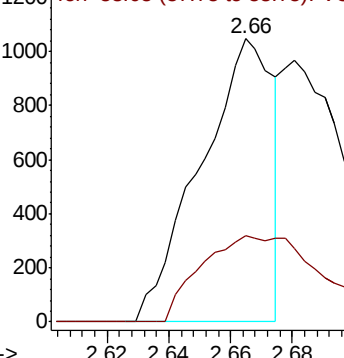
Ion Ratio Lower Upper

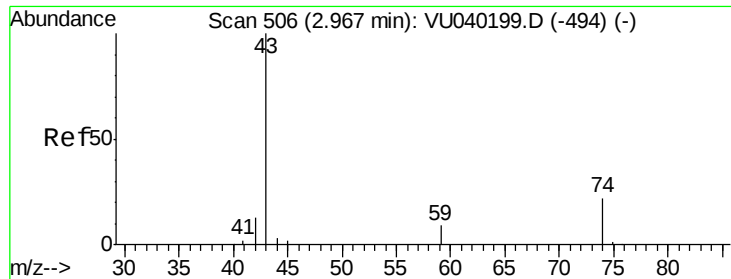
43 100

58 47.3 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040215.D (-316) (-)





#15

Methvl Acetate

Concen: 0.089 ug/L

RT: 2.97 min Scan# 506

Delta R.T. -0.00 min

Lab File: VU040215.D

Acq: 18 Sep 2020 16:49

Instrument :

MSVOA_U

ClientSampleId :

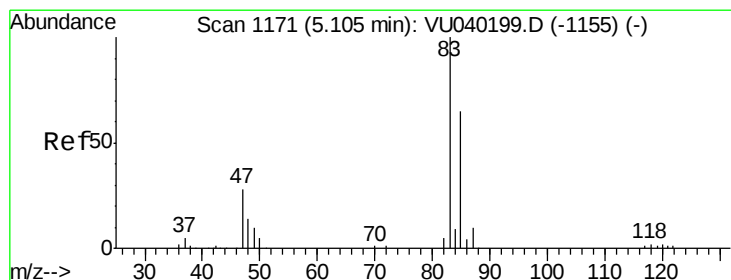
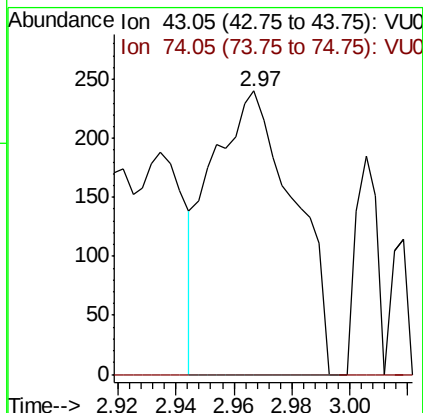
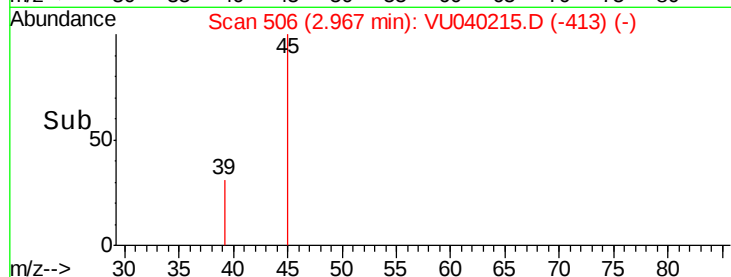
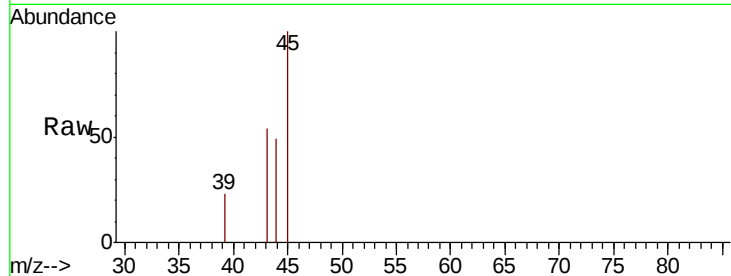
C0AK5

Tot Ion: 43 Resp: 477

Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.0#



#25

Chloroform

Concen: 0.073 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU040215.D

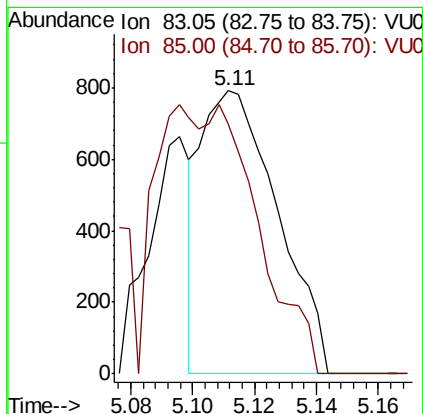
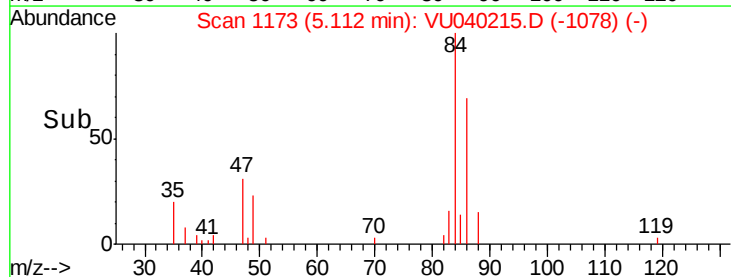
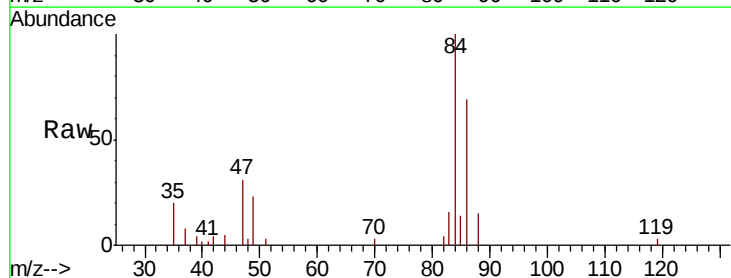
Acq: 18 Sep 2020 16:49

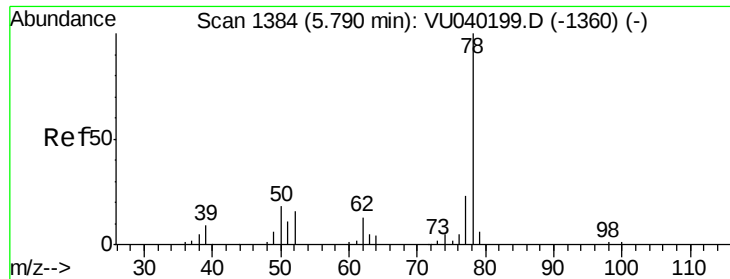
Tgt Ion: 83 Resp: 1362

Ion Ratio Lower Upper

83 100

85 88.4 45.3 84.1#





#33

Benzene

Concen: 0.027 ug/L

RT: 5.74 min Scan# 1368

Delta R.T. -0.05 min

Lab File: VU040215.D

Acq: 18 Sep 2020 16:49

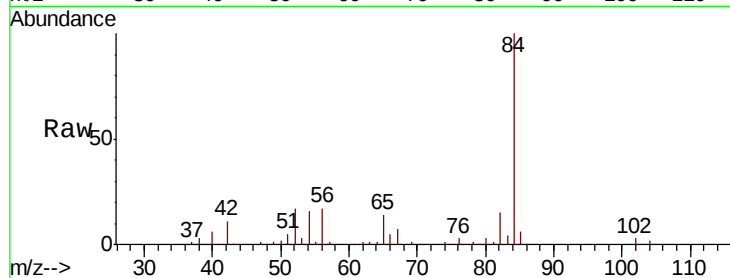
Instrument :

MSVOA_U

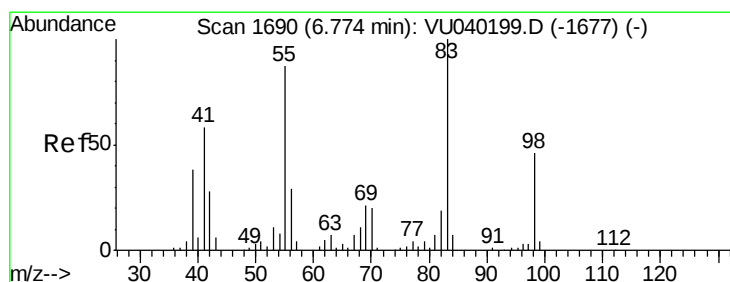
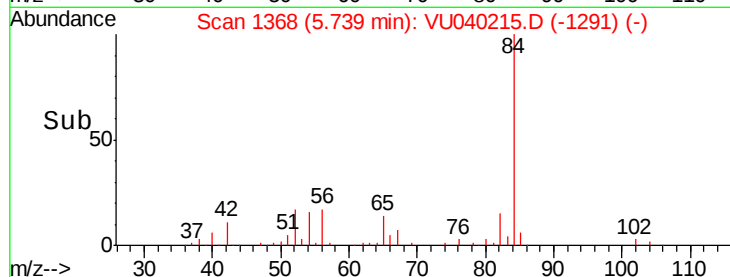
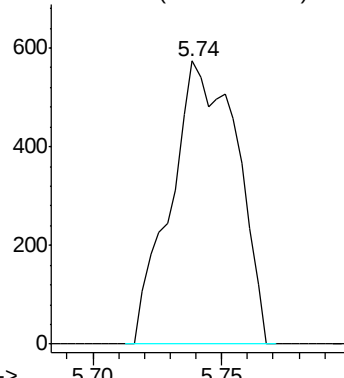
ClientSampled :

C0AK5

Tgt Ion: 78 Resp: 1025



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.660 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040215.D

Acq: 18 Sep 2020 16:49

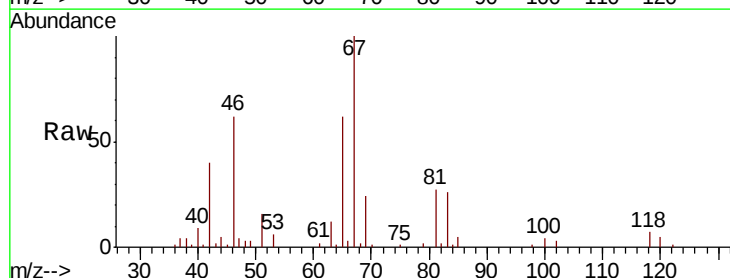
Tgt Ion: 83 Resp: 10435

Ion Ratio Lower Upper

83 100

55 0.0 70.5 105.7#

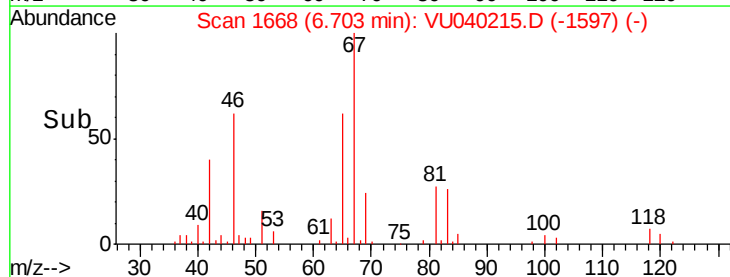
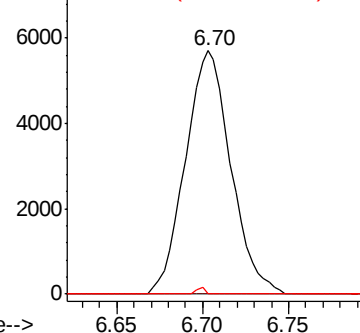
98 0.5 37.8 56.6#

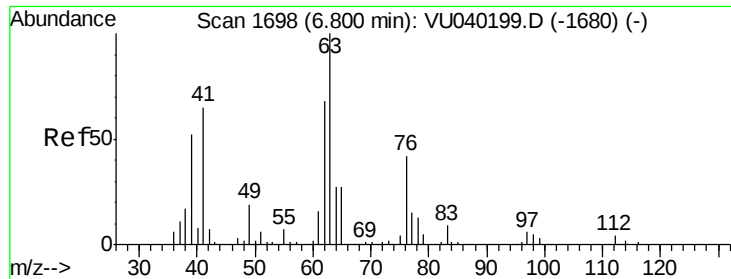


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

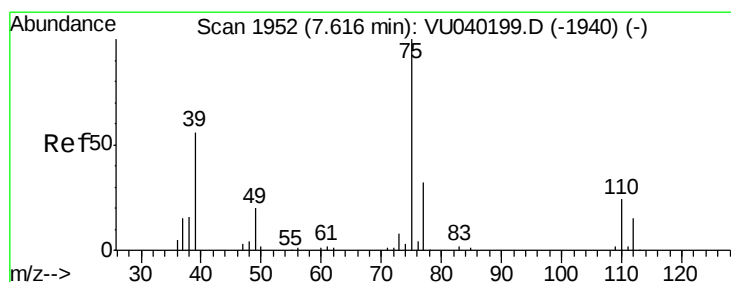
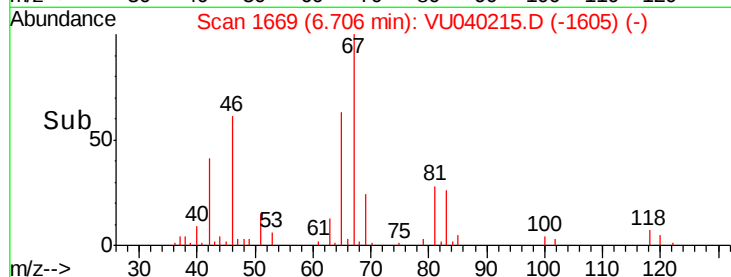
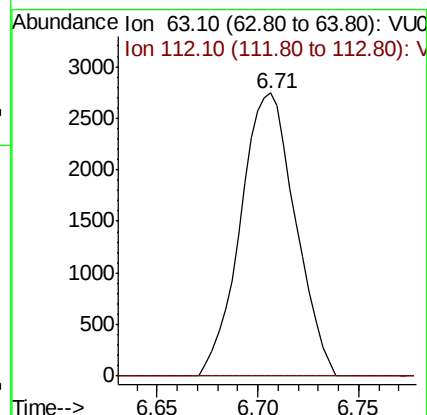
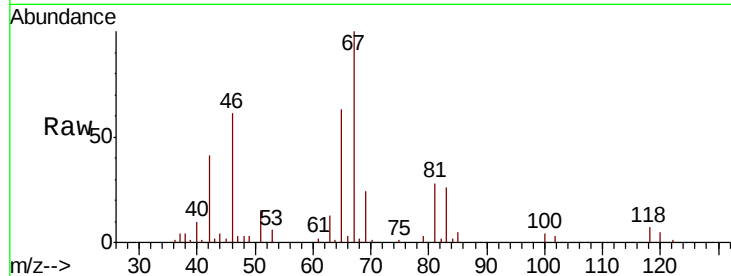




#37
 1,2-Dichloropropane
 Concen: 0.500 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.09 min
 Lab File: VU040215.D
 Acq: 18 Sep 2020 16:49

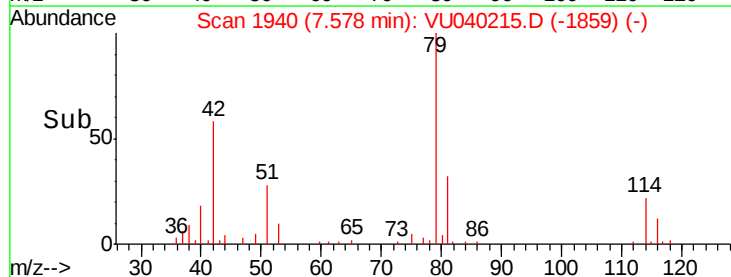
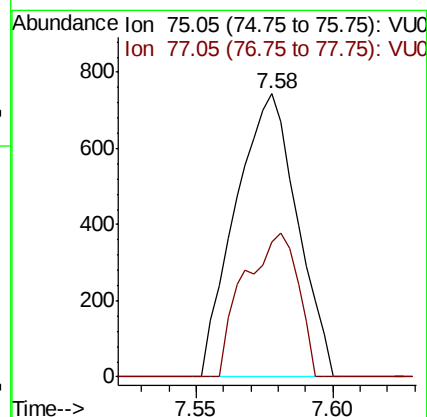
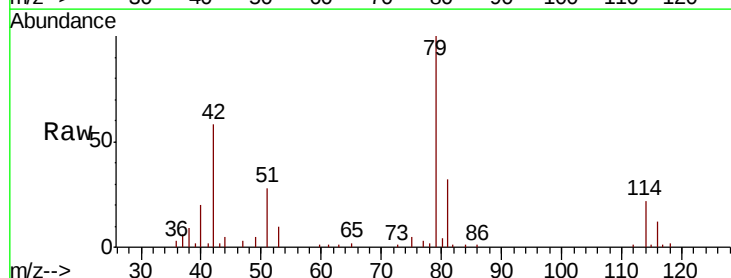
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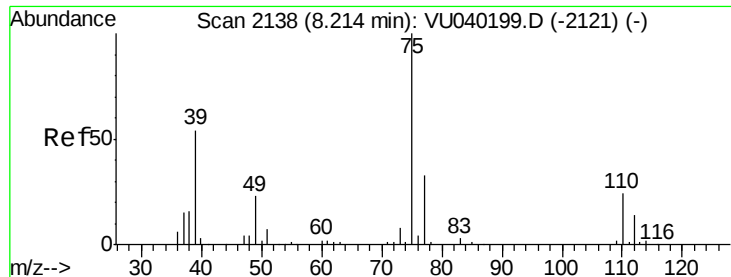
Tot Ion: 63 Resp: 5213
 Ion Ratio Lower Upper
 63 100
 112 0.9 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040215.D
 Acq: 18 Sep 2020 16:49

Tgt Ion: 75 Resp: 1166
 Ion Ratio Lower Upper
 75 100
 77 47.9 21.1 39.3#

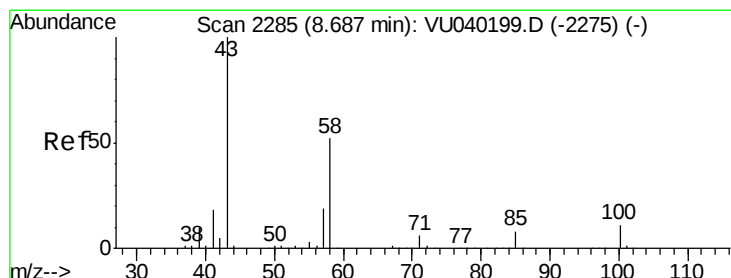
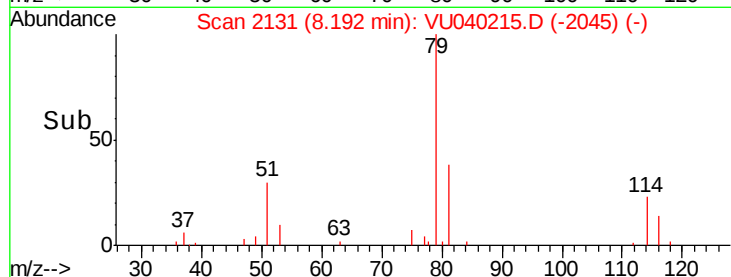
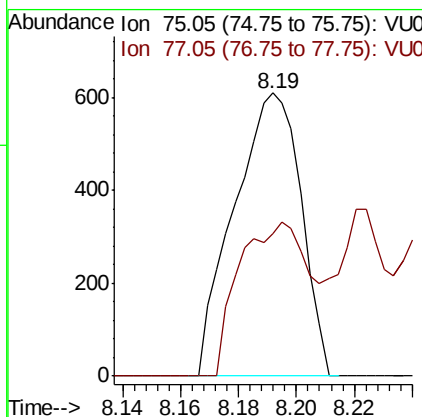
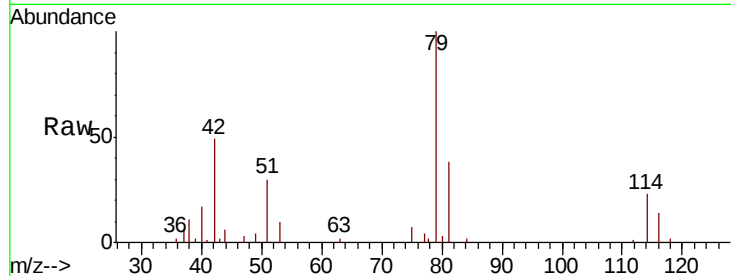




#44
trans-1,3-Dichloropropene
Concen: 0.068 ug/L
RT: 8.19 min Scan# 2131
Delta R.T. -0.02 min
Lab File: VU040215.D
Acq: 18 Sep 2020 16:49

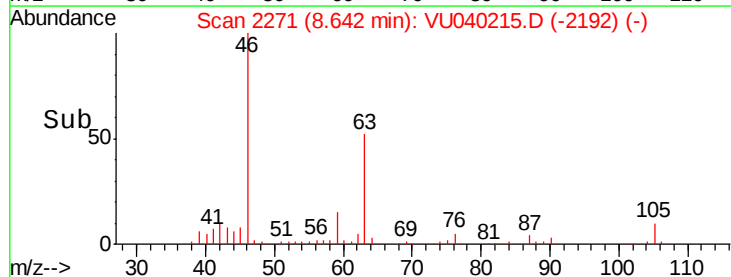
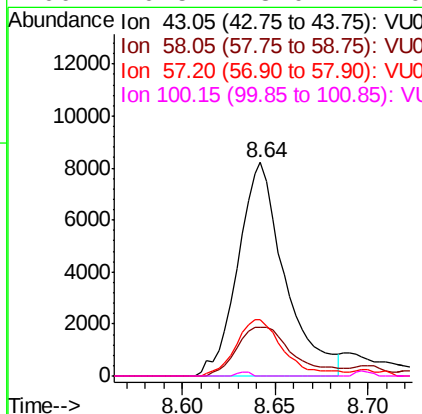
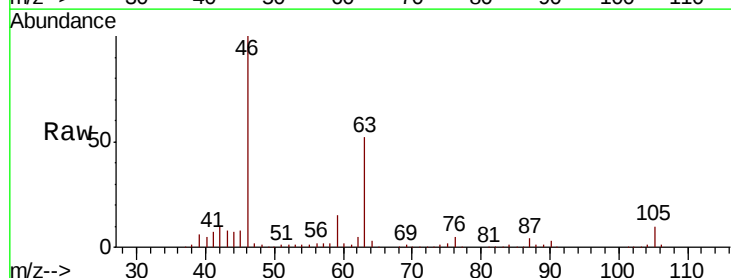
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MSVOA_U
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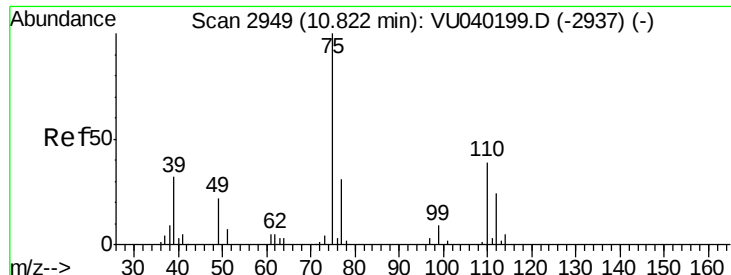
Tot Ion: 75 Resp: 974
Ion Ratio Lower Upper
75 100
77 50.6 23.9 44.3#



#48
2-Hexanone
Concen: 2.304 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040215.D
Acq: 18 Sep 2020 16:49

Tgt Ion: 43 Resp: 14380
Ion Ratio Lower Upper
43 100
58 27.5 39.6 59.4#
57 27.0 14.3 21.5#
100 0.5 8.0 12.0#





#59

1,2,3-Trichloropropane

Concen: 0.816 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040215.D

Acq: 18 Sep 2020 16:49

Instrument :

MSVOA_U

ClientSampleId :

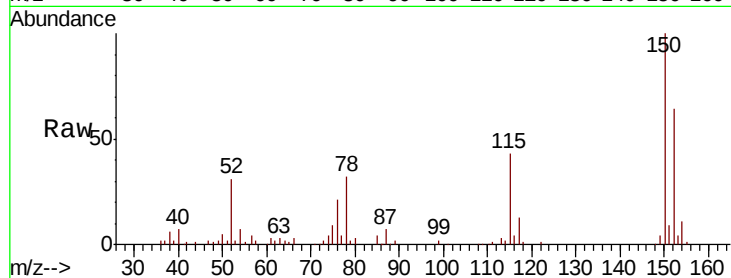
C0AK5

Tot Ion: 75 Resp: 6308

Ion Ratio Lower Upper

75 100

77 42.1 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

