

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103020\
 Data File : VU041028.D
 Acq On : 29 Oct 2020 20:59
 Operator : SY/MD
 Sample : L4558-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BQ3

Quant Time: Oct 30 08:15:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 30 08:06:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	51204	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	51876	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21160	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15218	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.92	69	13273	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.58	63	23802	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	4.66	46	78807	55.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.26%
24) Chloroform-d	5.08	84	33806	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.72	65	22330	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.75	84	58336	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.70	67	21366	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.91	98	44184	3.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.20%
43) trans-1,3-Dichloropropene-	8.19	79	7965	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.64	63	53220	50.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.96%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	20878	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	18370	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

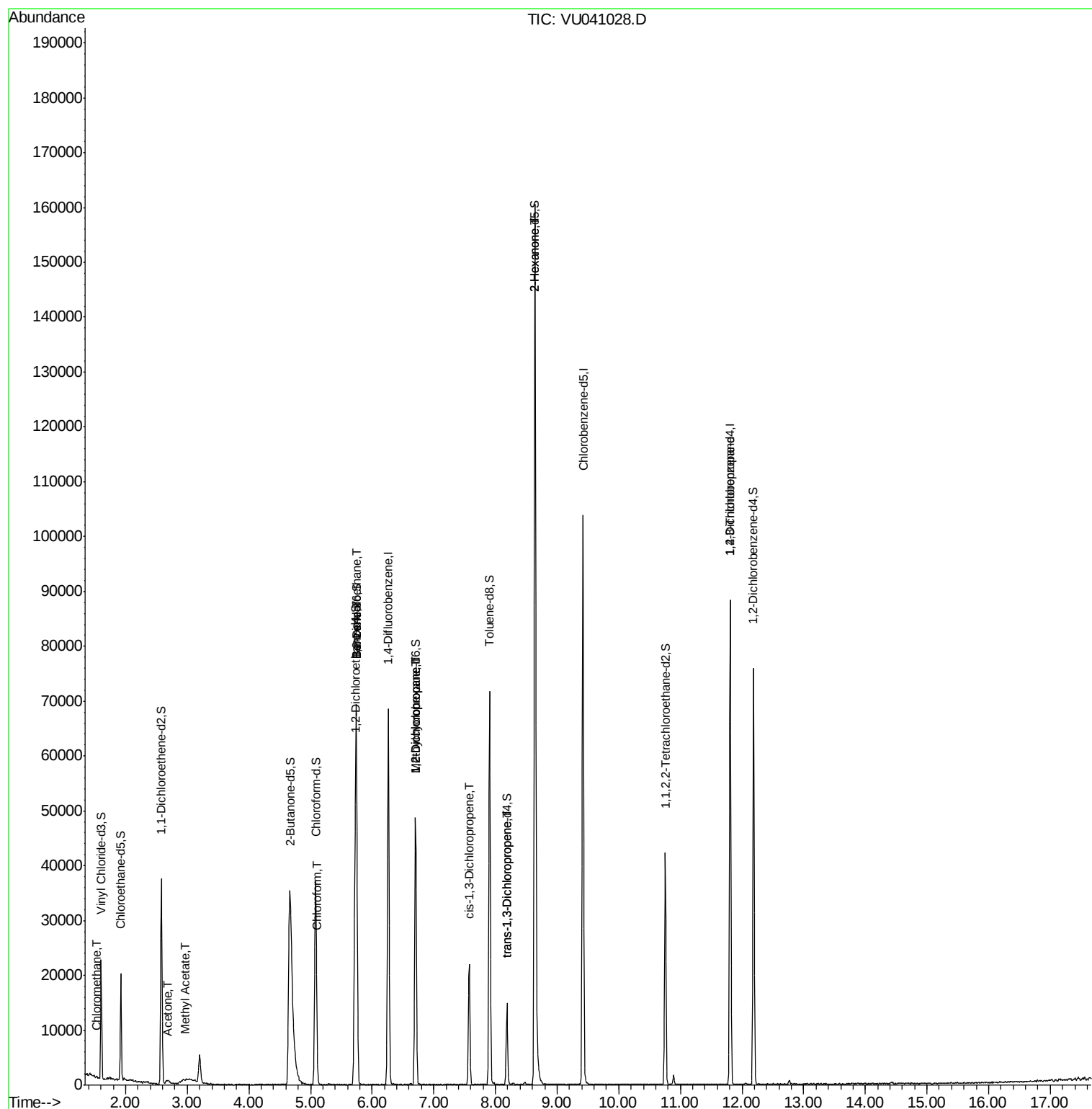
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	448	0.092	ug/L	97
13) Acetone	2.68	43	884	0.913	ug/L	80
15) Methyl Acetate	2.96	43	258	0.116	ug/L #	53
25) Chloroform	5.11	83	565	0.077	ug/L	91
27) 1,2-Dichloroethane	5.75	62	283	0.052	ug/L #	74
33) Benzene	5.75	78	394	0.025	ug/L	100
35) Methylcyclohexane	6.70	83	4851	0.824	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2560	0.610	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	423	0.073	ug/L #	39
44) trans-1,3-Dichloropropene	8.19	75	400	0.074	ug/L #	64
48) 2-Hexanone	8.64	43	7957	3.160	ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	2874	0.919	ug/L #	88

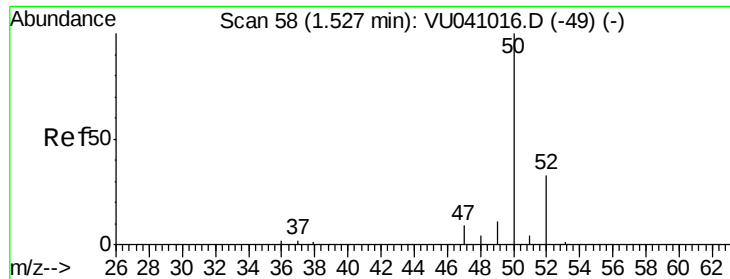
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU103020\
Data File : VU041028.D
Acq On : 29 Oct 2020 20:59
Operator : SY/MD
Sample : L4558-10
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BQ3

Quant Time: Oct 30 08:15:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 30 08:06:28 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.092 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU041028.D

Acq: 29 Oct 2020 20:59

Instrument :

MSVOA_U

ClientSampleId :

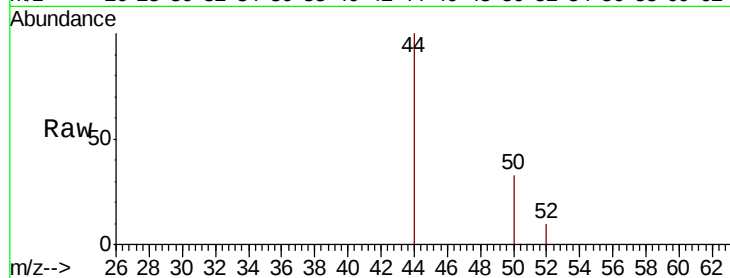
C0BQ3

Tot Ion: 50 Resp: 448

Ion Ratio Lower Upper

50 100

52 30.6 22.4 41.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.53

400

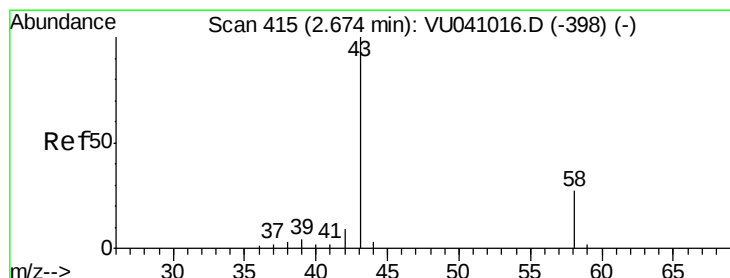
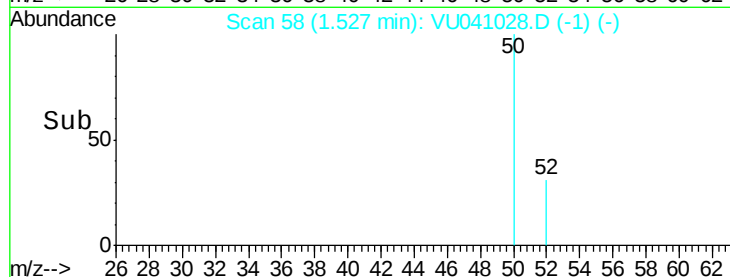
300

200

100

0

Time-->



#13

Acetone

Concen: 0.913 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.01 min

Lab File: VU041028.D

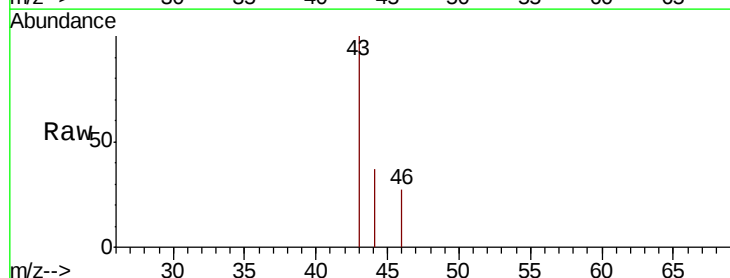
Acq: 29 Oct 2020 20:59

Tgt Ion: 43 Resp: 884

Ion Ratio Lower Upper

43 100

58 4.6 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.68

500

400

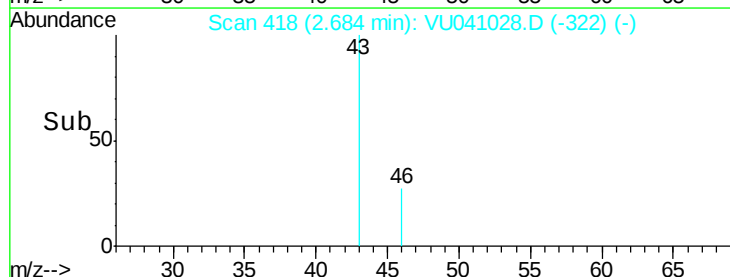
300

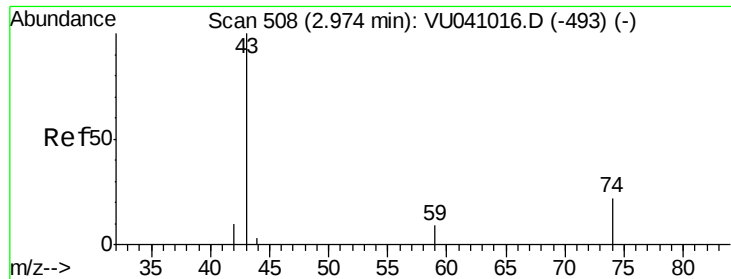
200

100

0

Time-->

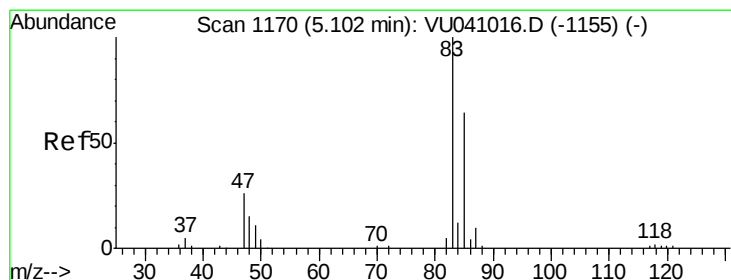
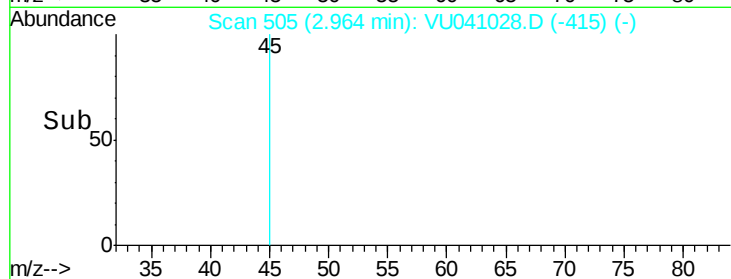
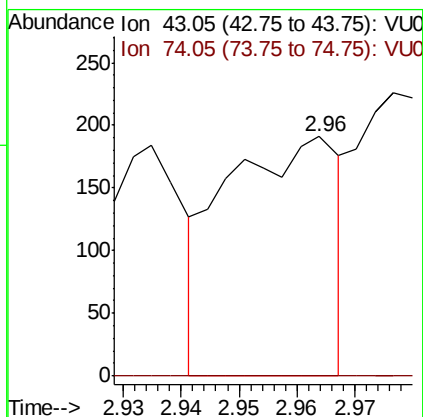
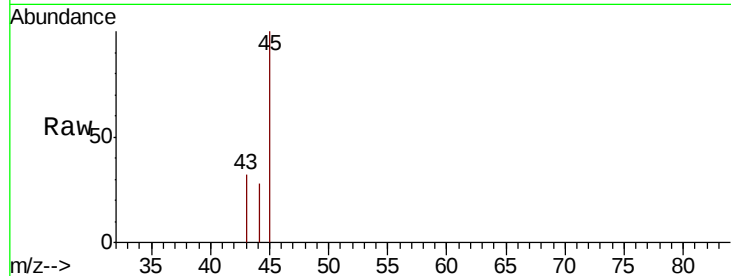




#15
Methvl Acetate
Concen: 0.116 ug/L
RT: 2.96 min Scan# 505
Delta R.T. -0.01 min
Lab File: VU041028.D
Acq: 29 Oct 2020 20:59

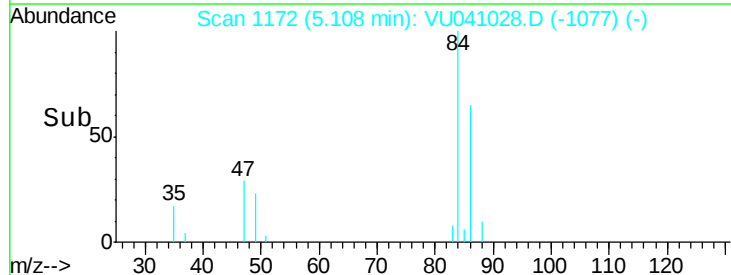
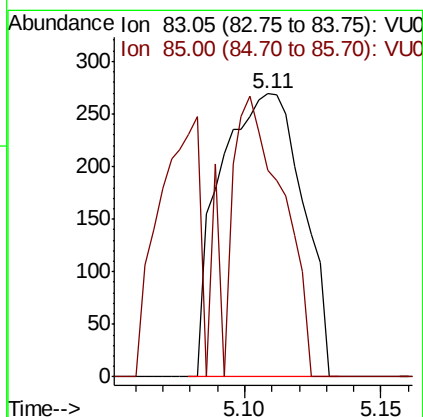
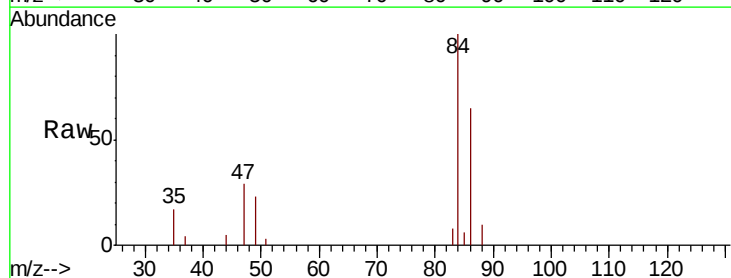
Instrument :
MSVOA_U
ClientSampleId :
C0BQ3

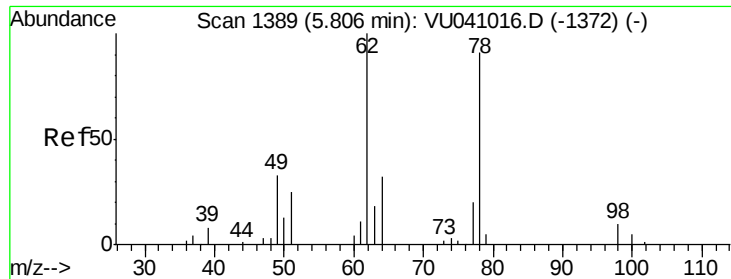
Tot Ion: 43 Resp: 258
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#25
Chloroform
Concen: 0.077 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VU041028.D
Acq: 29 Oct 2020 20:59

Tgt Ion: 83 Resp: 565
Ion Ratio Lower Upper
83 100
85 73.2 46.1 85.7





#27

1,2-Dichloroethane

Concen: 0.052 ug/L

RT: 5.75 min Scan# 1370

Delta R.T. -0.06 min

Lab File: VU041028.D

Acq: 29 Oct 2020 20:59

Instrument :

MSVOA_U

ClientSampleId :

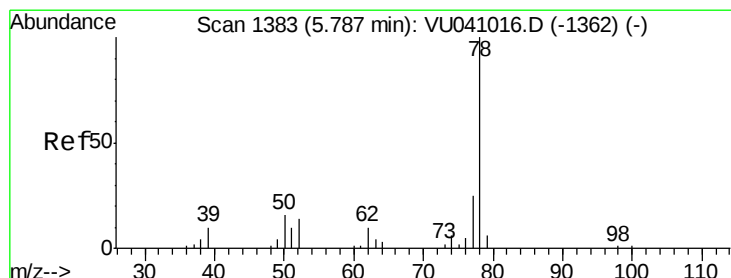
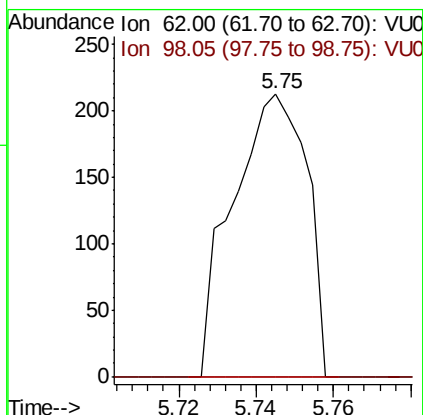
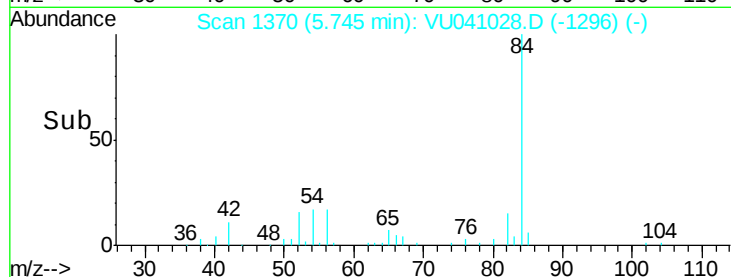
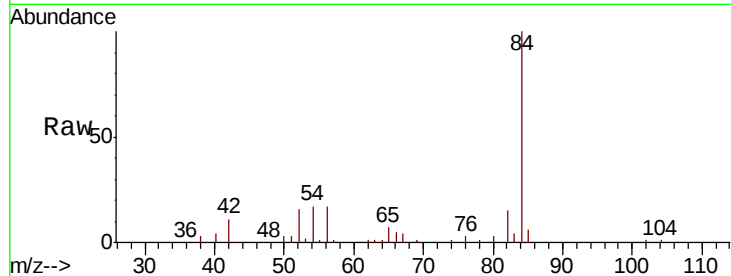
C0BQ3

Tot Ion: 62 Resp: 283

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



#33

Benzene

Concen: 0.025 ug/L

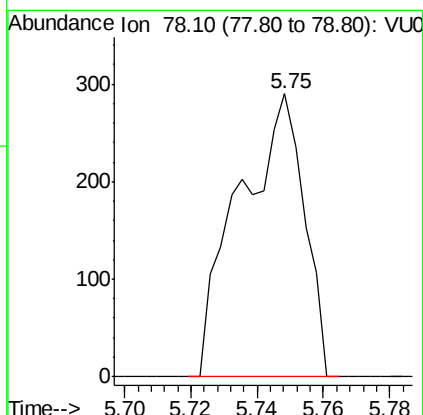
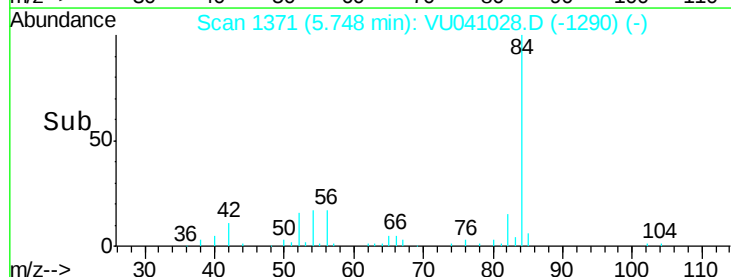
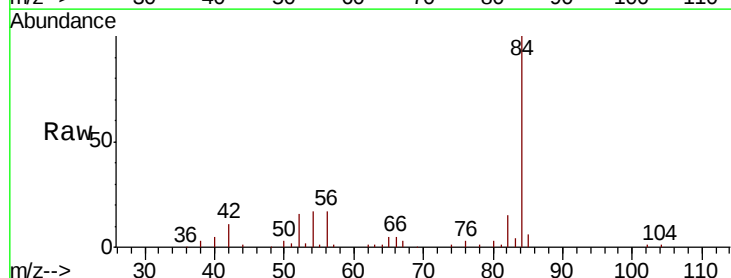
RT: 5.75 min Scan# 1371

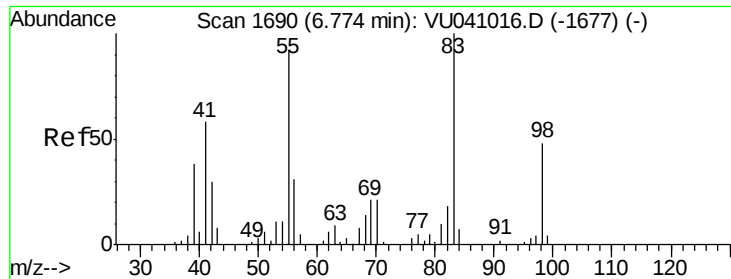
Delta R.T. -0.04 min

Lab File: VU041028.D

Acq: 29 Oct 2020 20:59

Tgt Ion: 78 Resp: 394

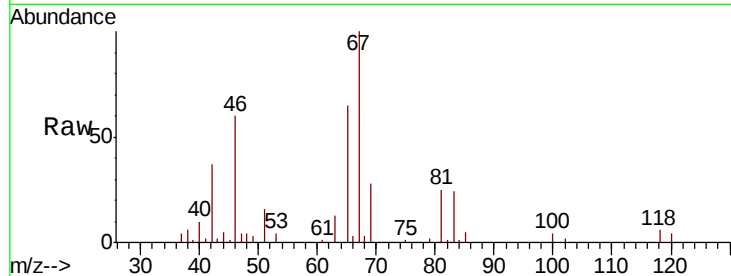




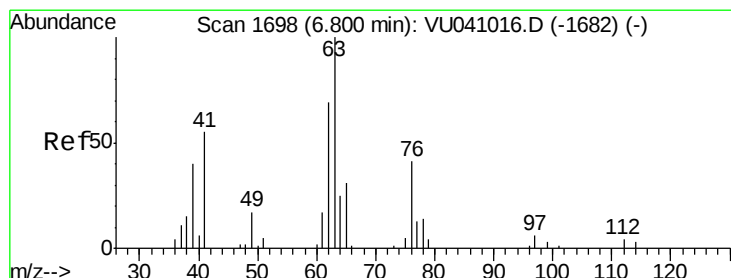
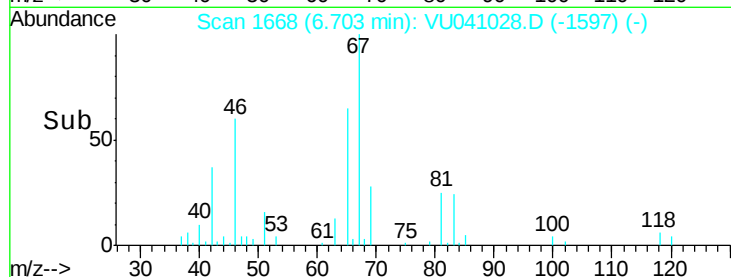
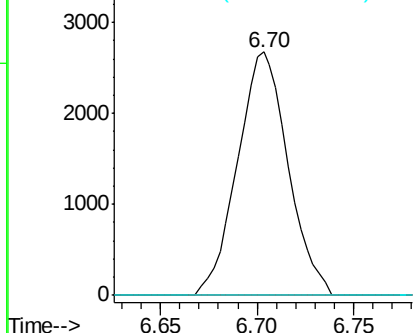
#35
Methvlcvclohexane
Concen: 0.824 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041028.D
Acq: 29 Oct 2020 20:59

Instrument :
MSVOA_U
ClientSampleId :
C0BQ3

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	0.0	36.6	55.0#

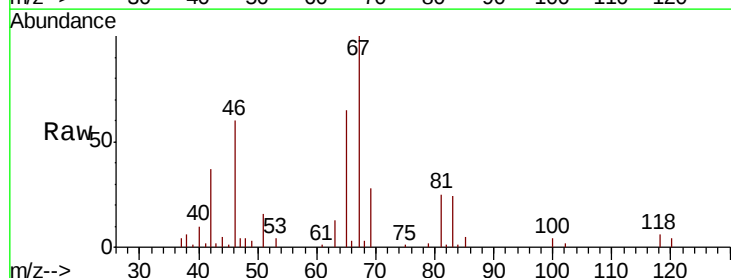


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

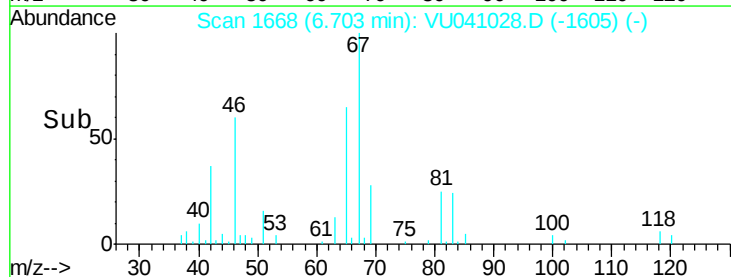
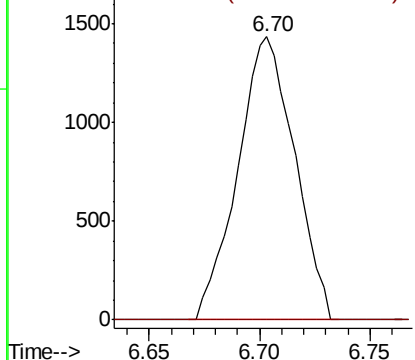


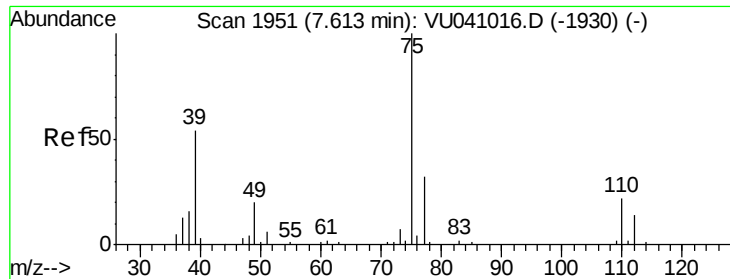
#37
1,2-Dichloropropane
Concen: 0.610 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041028.D
Acq: 29 Oct 2020 20:59

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



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

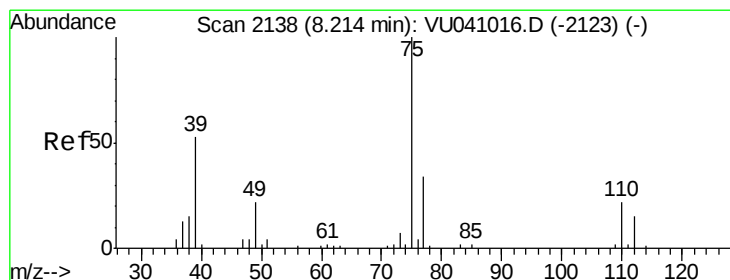
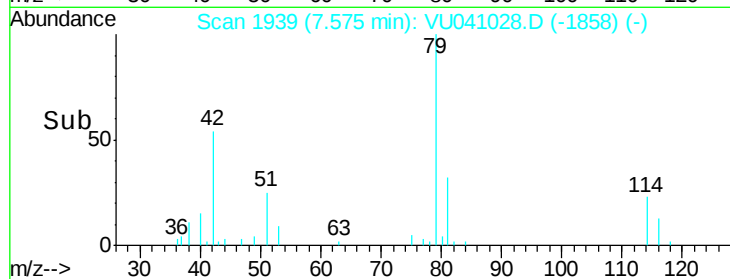
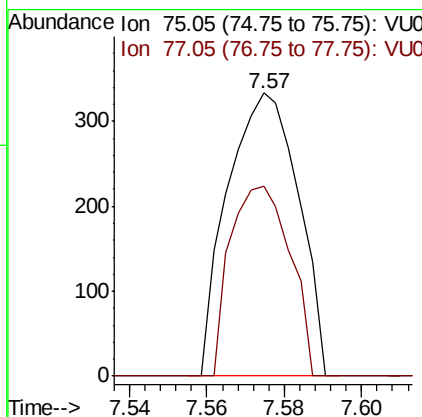
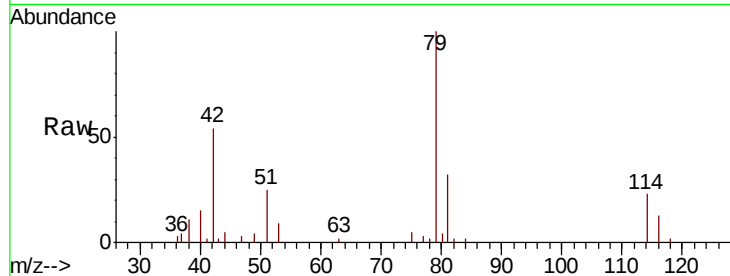




#39
 cis-1,3-Dichloropropene
 Concen: 0.073 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041028.D
 Acq: 29 Oct 2020 20:59

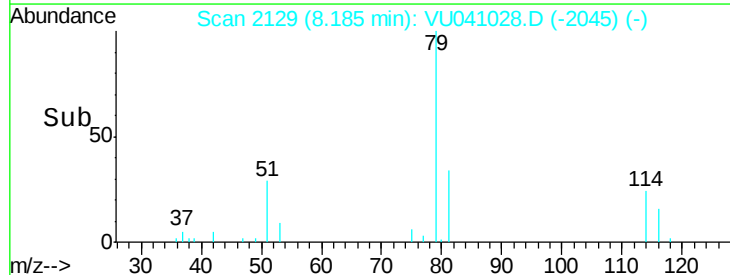
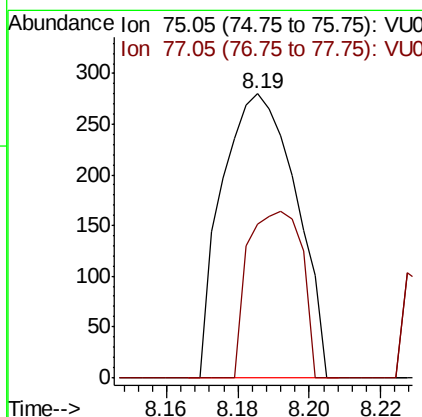
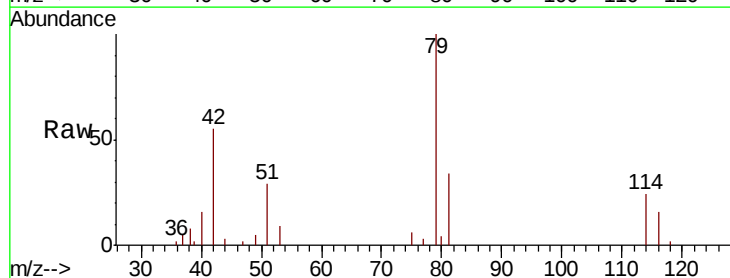
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BQ3

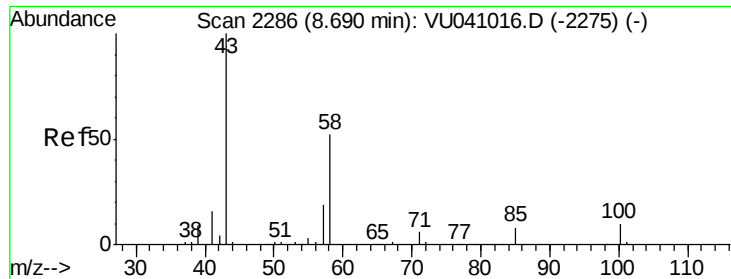
Tot Ion: 75 Resp: 423
 Ion Ratio Lower Upper
 75 100
 77 67.0 22.7 42.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.074 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU041028.D
 Acq: 29 Oct 2020 20:59

Tgt Ion: 75 Resp: 400
 Ion Ratio Lower Upper
 75 100
 77 53.9 23.3 43.3#

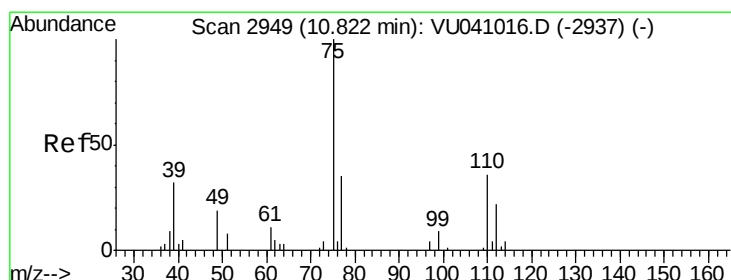
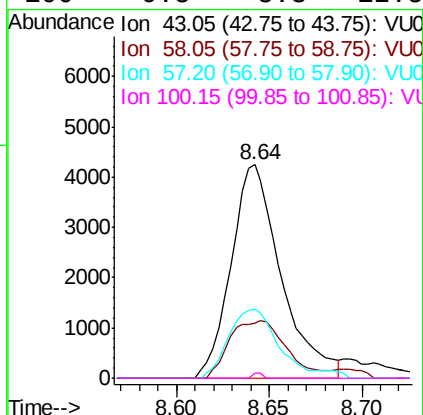
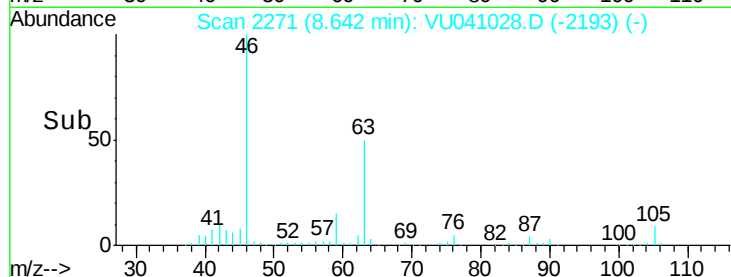
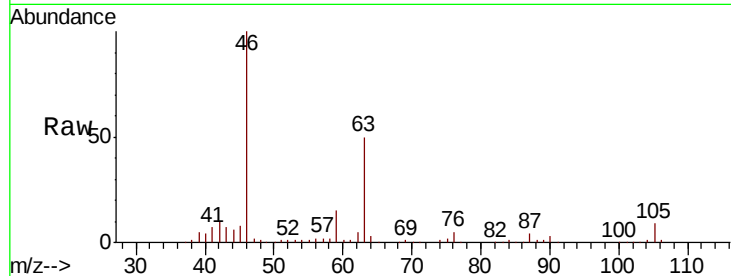




#48
2-Hexanone
Concen: 3.160 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041028.D
Acq: 29 Oct 2020 20:59

Instrument :
MSVOA_U
ClientSampleId :
C0BQ3

Tot Ion: 43 Resp: 7957
Ion Ratio Lower Upper
43 100
58 31.0 41.4 62.2#
57 31.6 14.6 21.8#
100 0.5 8.3 12.5#



#59
1,2,3-Trichloropropane
Concen: 0.919 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041028.D
Acq: 29 Oct 2020 20:59

Tgt Ion: 75 Resp: 2874
Ion Ratio Lower Upper
75 100
77 38.6 25.7 38.5#

