

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120420\
 Data File : VU041476.D
 Acq On : 04 Dec 2020 17:25
 Operator : SY/MD
 Sample : L4944-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ0

Quant Time: Dec 05 05:27:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 05 05:22:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	50352	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	47702	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22975	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	11501	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.92	69	11176	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.58	63	22541	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.66	46	50395	51.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.92%
24) Chloroform-d	5.08	84	36623	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.72	65	24978	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.74	84	55528	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.70	67	16031	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.90	98	51078	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	8.19	79	9647	5.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.80%
46) 2-Hexanone-d5	8.64	63	39640	51.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	17760	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	23226	5.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.20%

Target Compounds

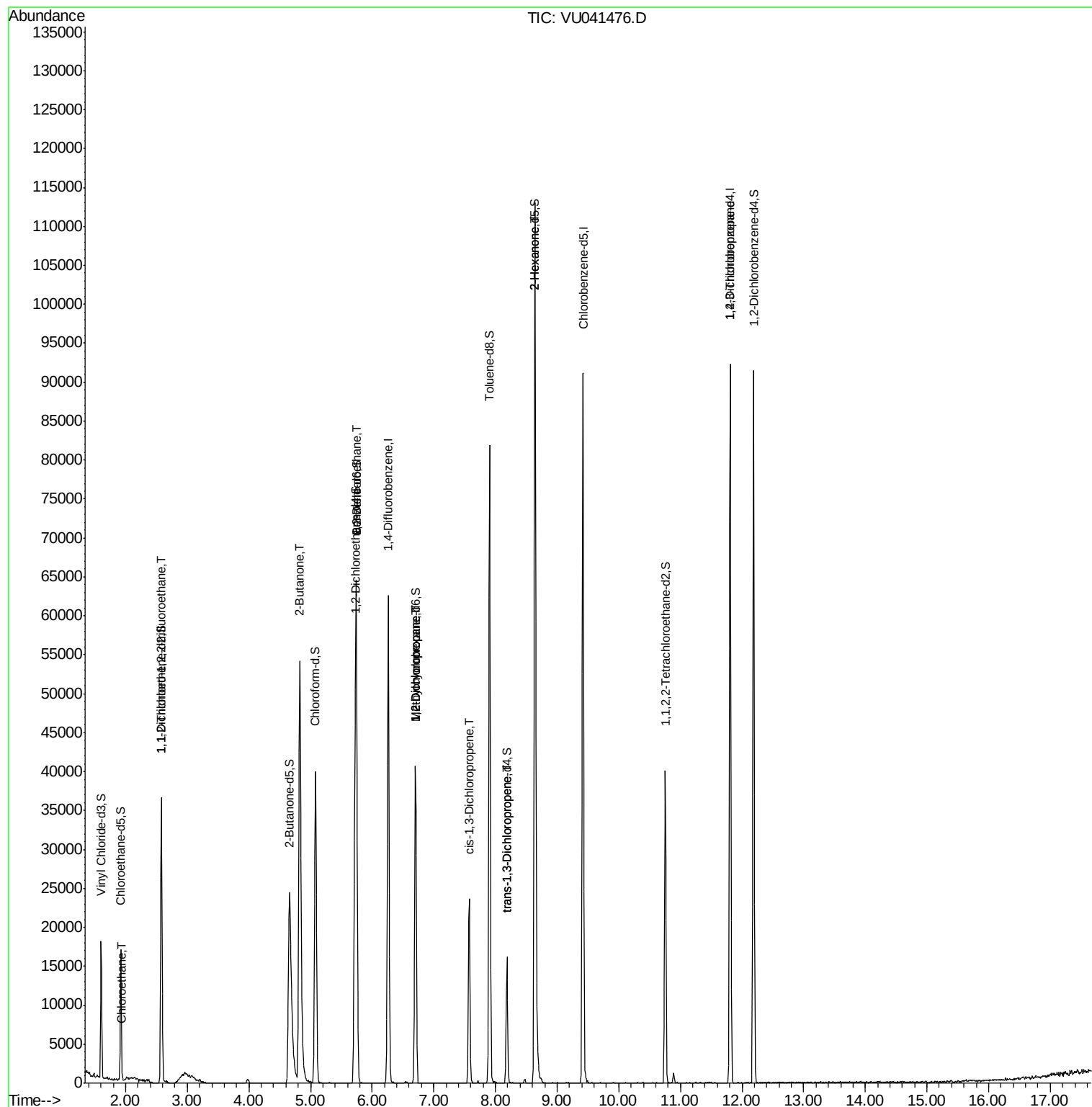
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	123	0.055	ug/L #	45
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	165	0.048	ug/L #	17
21) 2-Butanone	4.83	43	82906	87.757	ug/L #	43
27) 1,2-Dichloroethane	5.75	62	306	0.056	ug/L #	79
35) Methylcyclohexane	6.70	83	4784	0.984	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	2392	0.864	ug/L #	84
39) cis-1,3-Dichloropropene	7.57	75	726	0.145	ug/L #	64
44) trans-1,3-Dichloropropene	8.19	75	551	0.110	ug/L	100
48) 2-Hexanone	8.64	43	6117	3.434	ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	2417	0.900	ug/L #	80

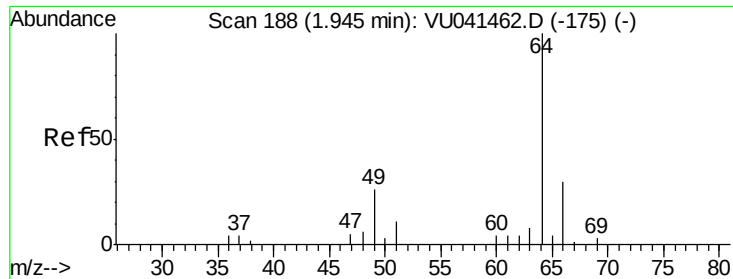
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.055 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.01 min

Lab File: VU041476.D

Acq: 04 Dec 2020 17:25

Instrument :

MSVOA_U

ClientSampleId :

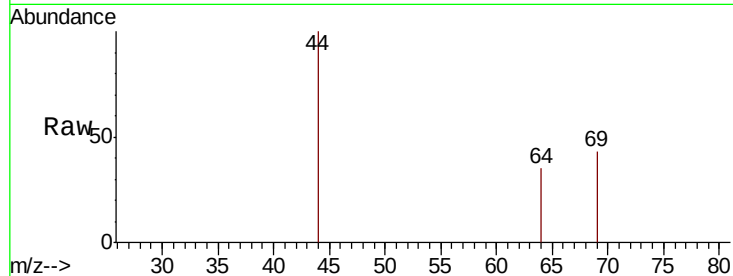
C0AQ0

Tot Ion: 64 Resp: 123

Ion Ratio Lower Upper

64 100

66 0.0 20.9 38.9#

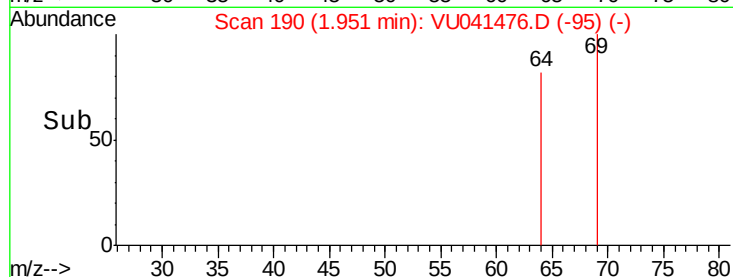


Abundance Ion 64.10 (63.80 to 64.80): VU041462.D (-175) (-)

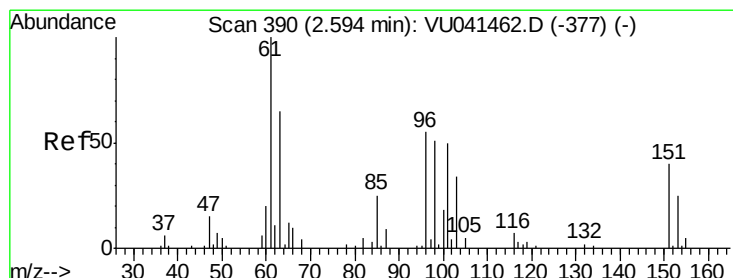
Ion 66.05 (65.75 to 66.75): VU041462.D (-175) (-)

1.95

1.93 1.94 1.95 1.96 1.97



Time-->



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.048 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU041476.D

Acq: 04 Dec 2020 17:25

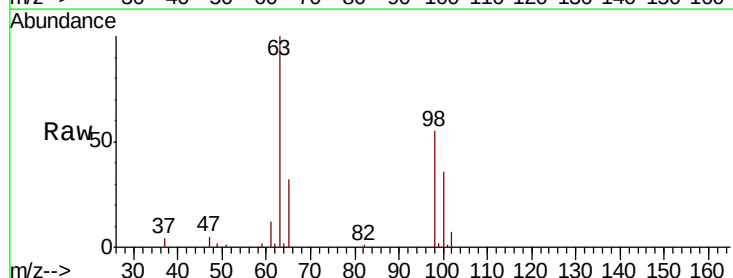
Tgt Ion: 101 Resp: 165

Ion Ratio Lower Upper

101 100

85 0.0 39.4 59.2#

151 0.0 63.8 95.8#



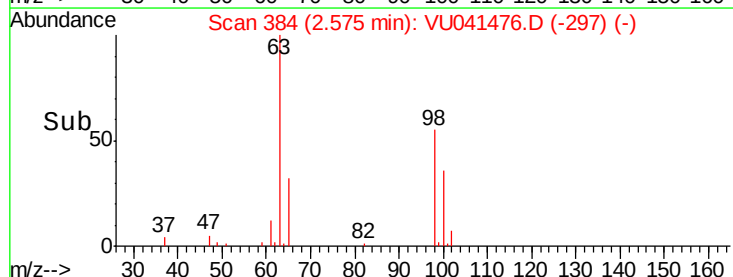
Abundance Ion 101.00 (100.70 to 101.70): VU041462.D (-377) (-)

Ion 85.00 (84.70 to 85.70): VU041462.D (-377) (-)

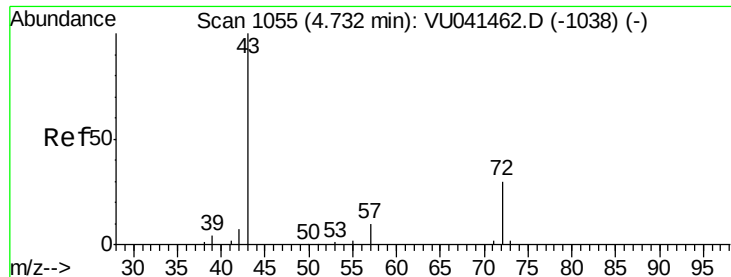
Ion 151.00 (150.70 to 151.70): VU041462.D (-377) (-)

2.57

2.56 2.57 2.58 2.59 2.60



Time-->



#21

2-Butanone

Concen: 87.757 ug/L

RT: 4.83 min Scan# 1084

Delta R.T. 0.09 min

Lab File: VU041476.D

Acq: 04 Dec 2020 17:25

Instrument :

MSVOA_U

ClientSampleId :

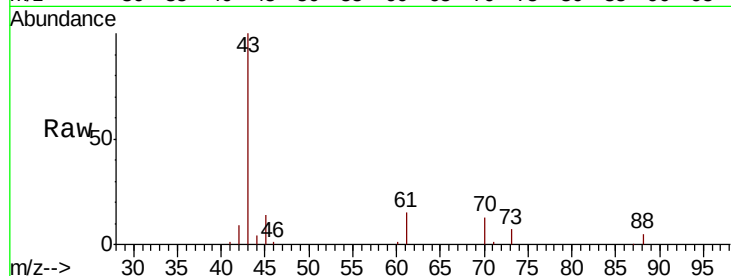
C0AQ0

Tot Ion: 43 Resp: 82906

Ion Ratio Lower Upper

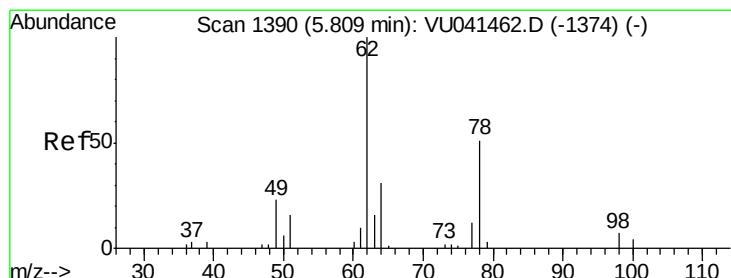
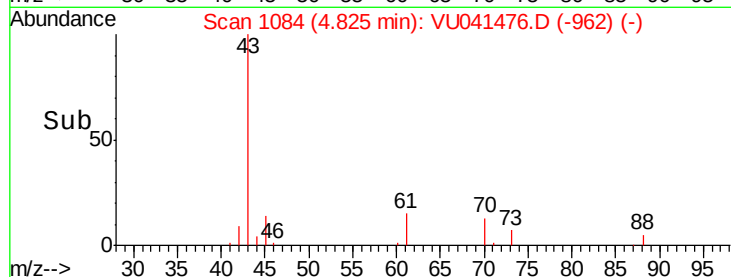
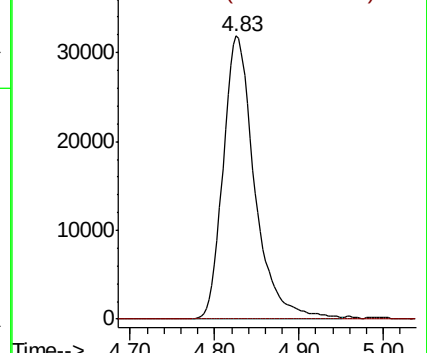
43 100

72 0.0 15.7 47.1#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0



#27

1,2-Dichloroethane

Concen: 0.056 ug/L

RT: 5.75 min Scan# 1370

Delta R.T. -0.06 min

Lab File: VU041476.D

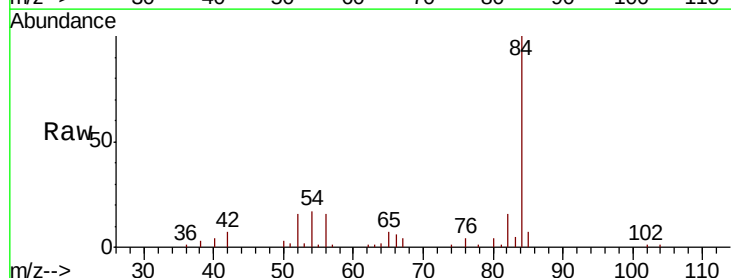
Acq: 04 Dec 2020 17:25

Tgt Ion: 62 Resp: 306

Ion Ratio Lower Upper

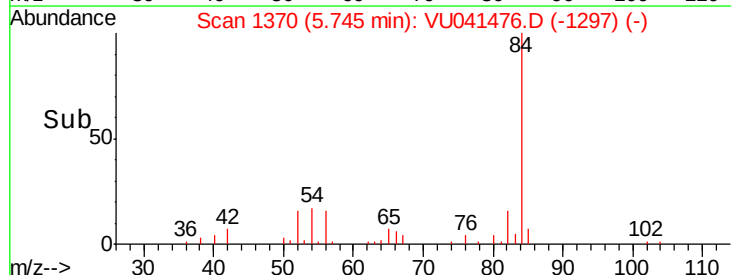
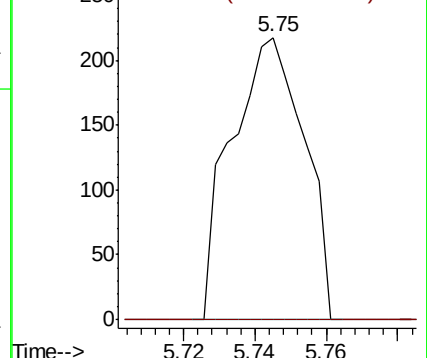
62 100

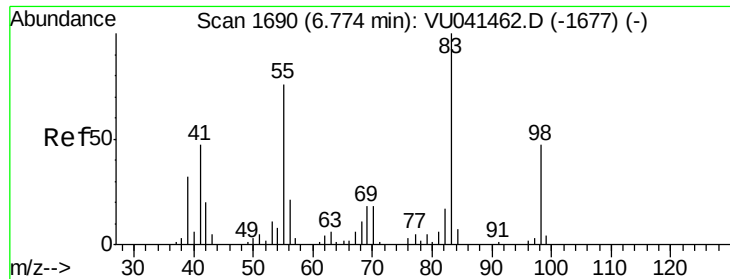
98 0.0 5.7 8.5#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

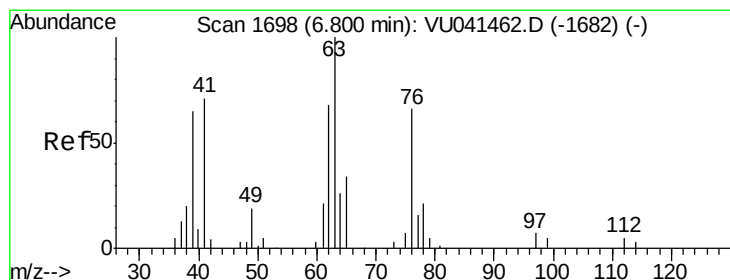
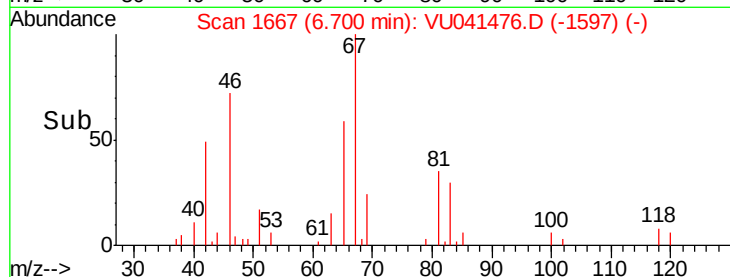
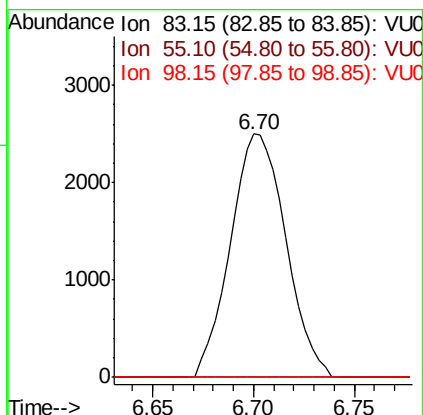
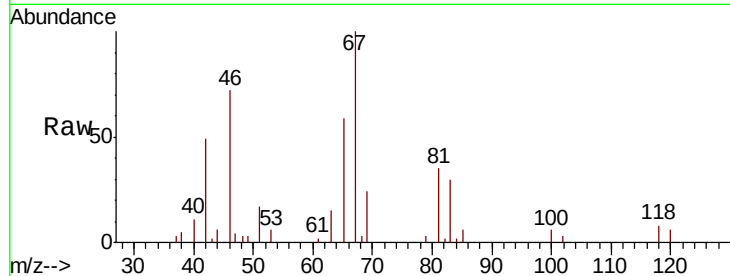




#35
Methylvlcyclohexane
Concen: 0.984 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041476.D
Acq: 04 Dec 2020 17:25

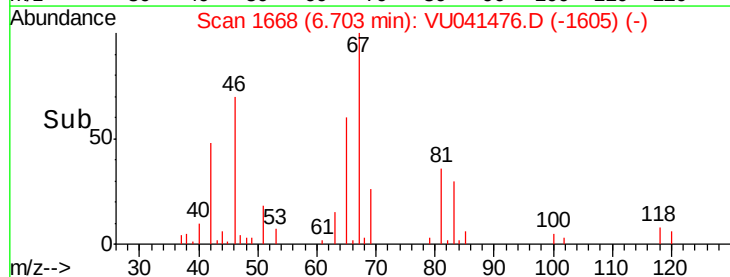
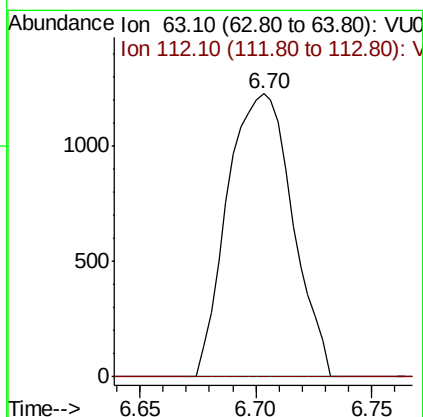
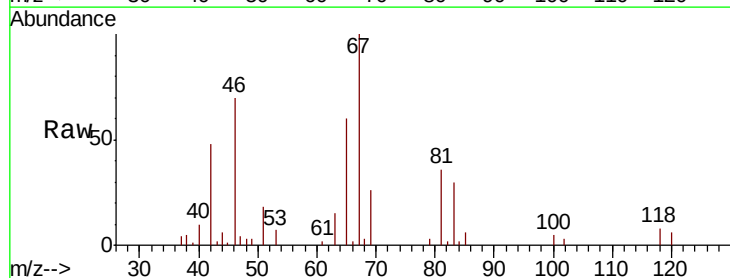
Instrument :
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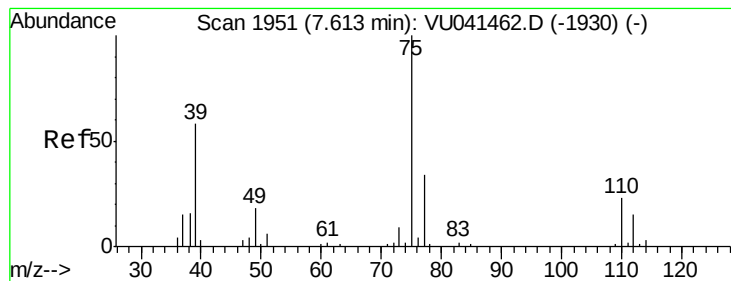
Tot Ion: 83 Resp: 4784
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.0 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 0.864 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041476.D
Acq: 04 Dec 2020 17:25

Tgt Ion: 63 Resp: 2392
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#



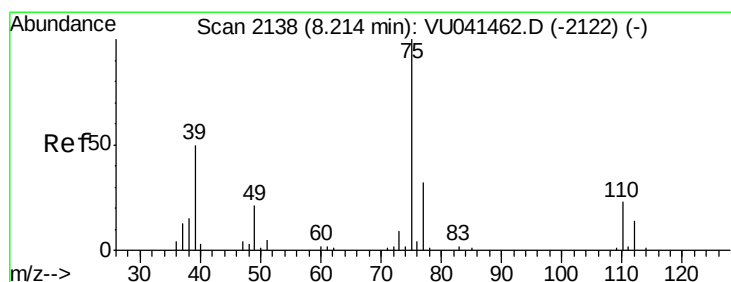
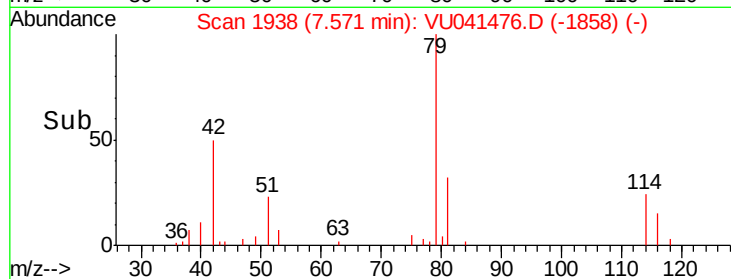
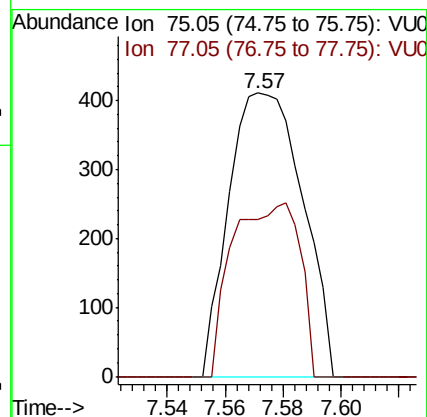
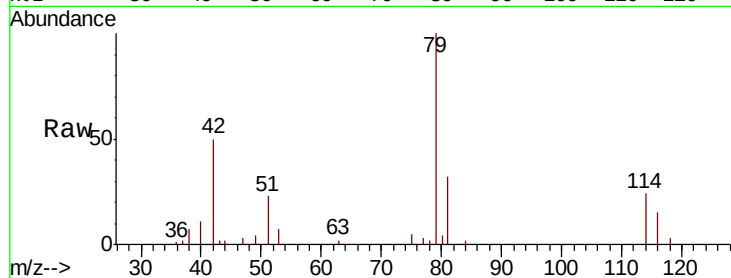


#39

cis-1,3-Dichloropropene
Concen: 0.145 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU041476.D
Acq: 04 Dec 2020 17:25

Instrument :
MSVOA_U
ClientSampleId :
C0AQ0

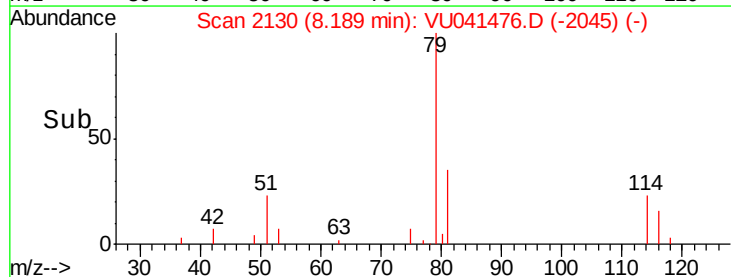
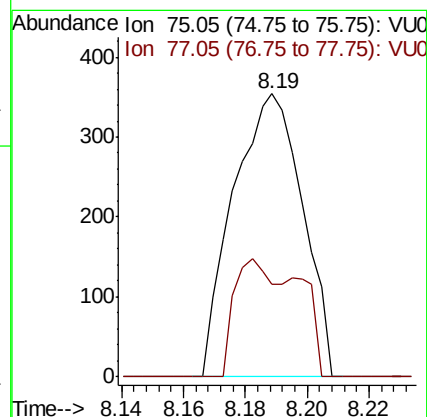
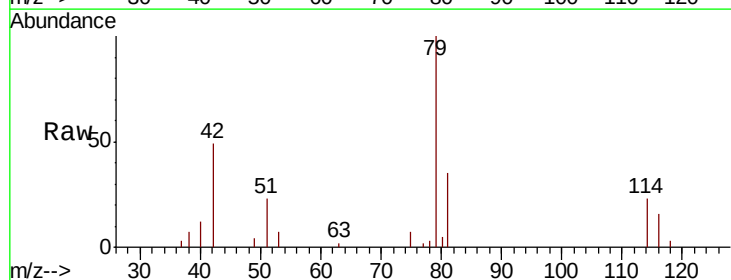
Tot Ion: 75 Resp: 726
Ion Ratio Lower Upper
75 100
77 55.2 24.0 44.6#

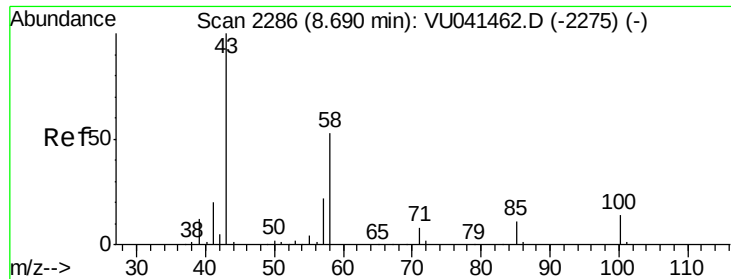


#44

trans-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU041476.D
Acq: 04 Dec 2020 17:25

Tgt Ion: 75 Resp: 551
Ion Ratio Lower Upper
75 100
77 32.8 22.7 42.3

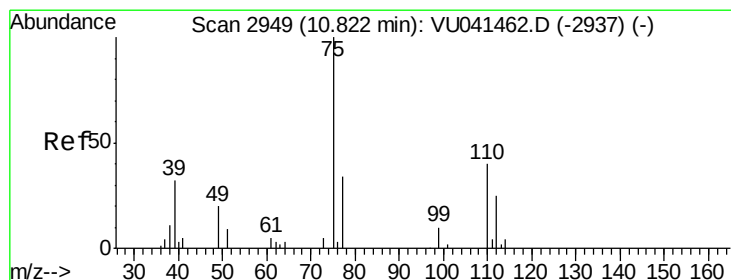
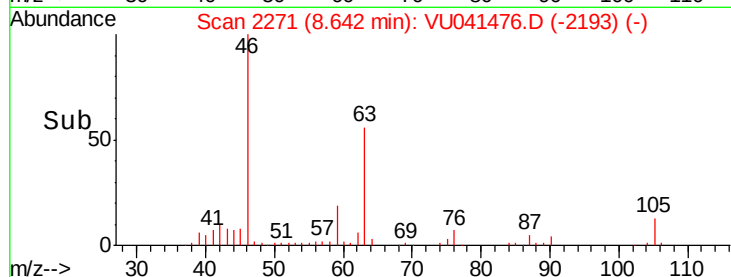
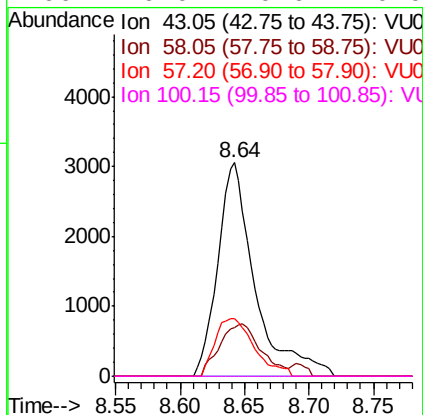
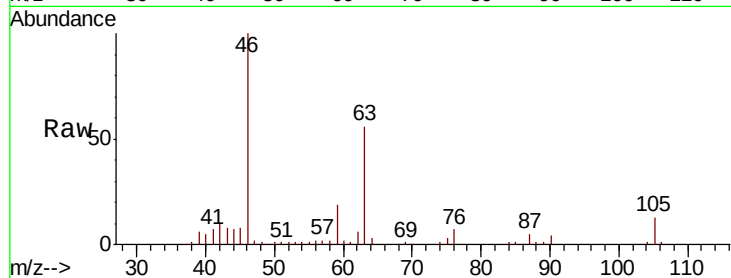




#48
2-Hexanone
Concen: 3.434 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041476.D
Acq: 04 Dec 2020 17:25

Instrument :
MSVOA_U
ClientSampleId :
C0AQ0

Tot Ion: 43 Resp: 6117
Ion Ratio Lower Upper
43 100
58 27.3 41.4 62.0#
57 28.4 17.1 25.7#
100 0.0 10.6 16.0#



#59
1,2,3-Trichloropropane
Concen: 0.900 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041476.D
Acq: 04 Dec 2020 17:25

Tgt Ion: 75 Resp: 2417
Ion Ratio Lower Upper
75 100
77 44.2 26.3 39.5#

