

Data File : VU041399.D
Acq On : 23 Nov 2020 19:51
Operator : SY/MD
Sample : L4849-08DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4421DL

Quant Time: Nov 24 01:56:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 24 01:52:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	63550	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68125	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28644	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22243	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.92	69	16553	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.58	63	36610	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	4.66	46	72886	64.05	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.10%
24) Chloroform-d	5.08	84	45400	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.72	65	28912	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.74	84	78406	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.70	67	25687	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.91	98	70782	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.19	79	11603	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.64	63	45684	57.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.98%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22609	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	27324	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

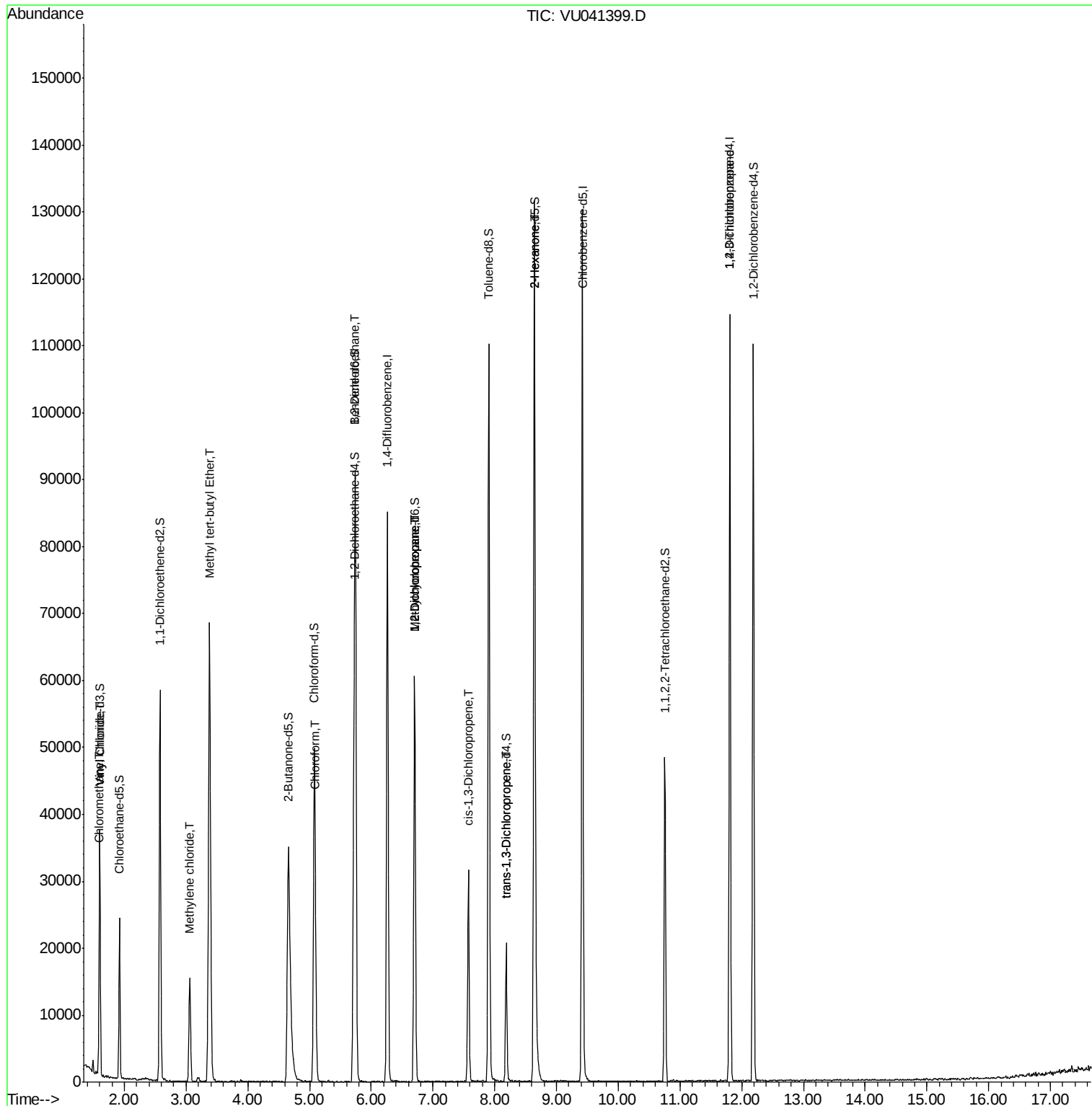
					Qvalue	
3) Chloromethane	1.59	50	234	0.045	ug/L #	43
5) Vinyl chloride	1.61	62	1229	0.221	ug/L #	82
16) Methylene chloride	3.06	84	7054	1.261	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	71329	7.319	ug/L	99
25) Chloroform	5.10	83	2820	0.304	ug/L	87
27) 1,2-Dichloroethane	5.74	62	492	0.081	ug/L #	78
35) Methylcyclohexane	6.70	83	6527	0.899	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	3125	0.623	ug/L #	90
39) cis-1,3-Dichloropropene	7.57	75	701	0.101	ug/L #	49
44) trans-1,3-Dichloropropene	8.19	75	472	0.075	ug/L	91
48) 2-Hexanone	8.64	43	7933	3.515	ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	3817	1.165	ug/L	95

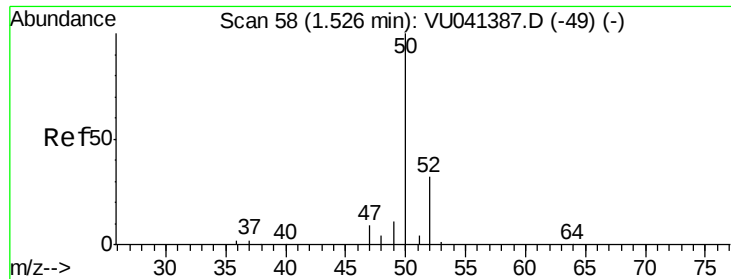
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.045 ug/L

RT: 1.59 min Scan# 77

Delta R.T. 0.06 min

Lab File: VU041399.D

Acq: 23 Nov 2020 19:51

Instrument :

MSVOA_U

ClientSampleId :

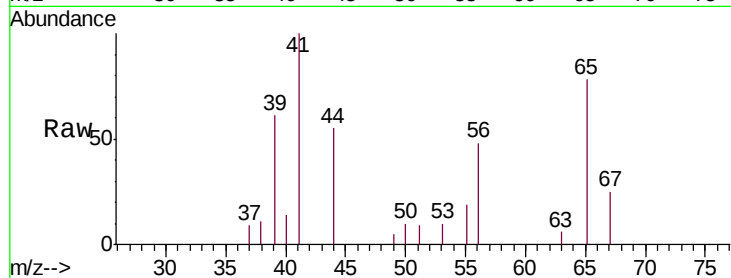
H4421DL

Tgt Ion: 50 Resp: 234

Ion Ratio Lower Upper

50 100

52 0.0 22.3 41.5#



Abundance Ion 50.05 (49.75 to 50.75): VU041387.D (-49) (-)

Ion 52.05 (51.75 to 52.75): VU041387.D (-49) (-)

1.59

250

200

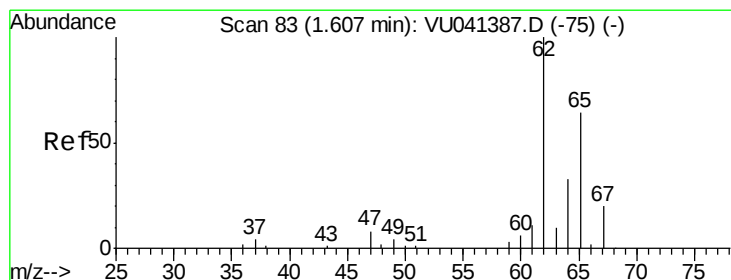
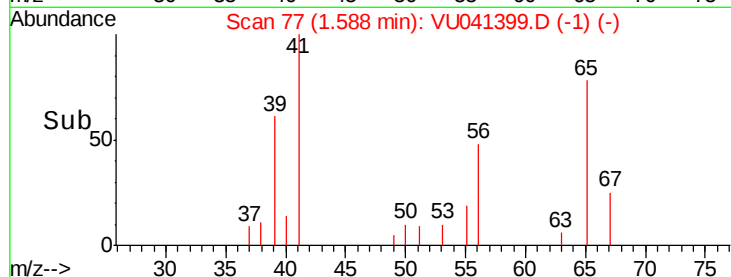
150

100

50

0

Time-->



#5

Vinyl chloride

Concen: 0.221 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041399.D

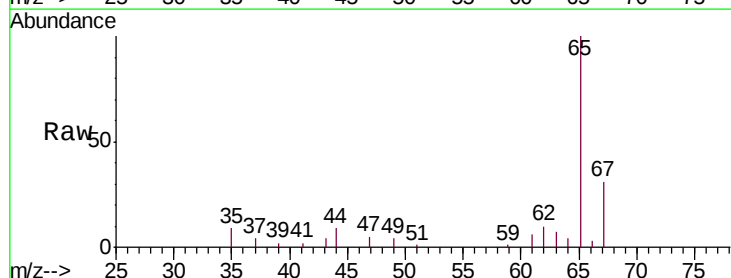
Acq: 23 Nov 2020 19:51

Tgt Ion: 62 Resp: 1229

Ion Ratio Lower Upper

62 100

64 44.5 23.8 44.2#



Abundance Ion 62.00 (61.70 to 62.70): VU041387.D (-75) (-)

Ion 64.10 (63.80 to 64.80): VU041387.D (-75) (-)

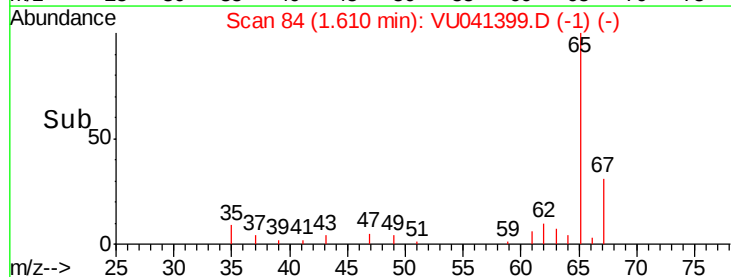
1.61

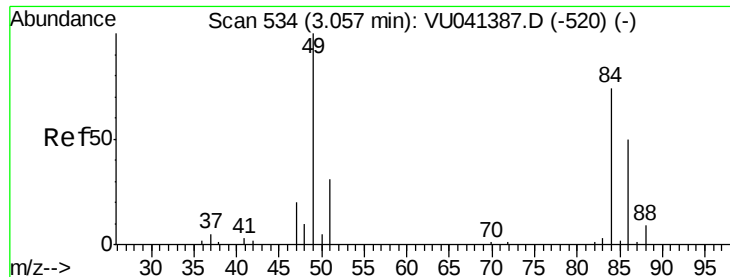
1000

500

0

Time-->

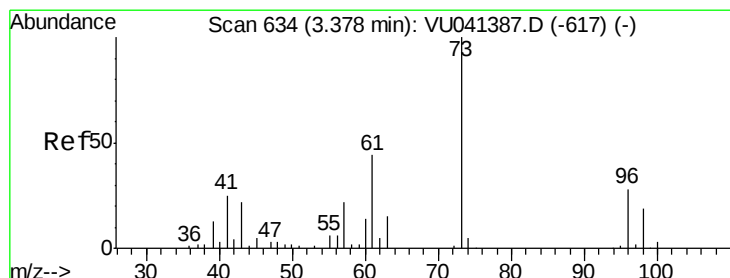
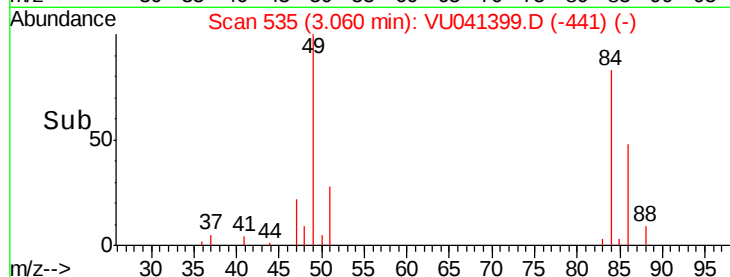
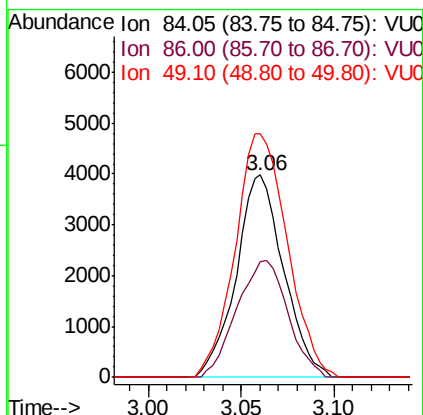
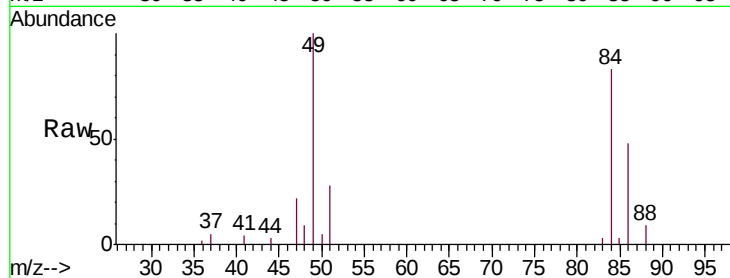




#16
Methylene chloride
Concen: 1.261 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041399.D
Acq: 23 Nov 2020 19:51

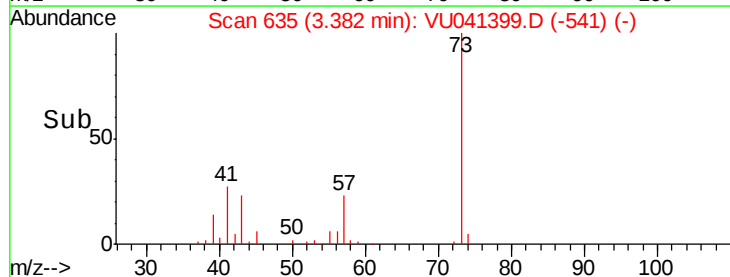
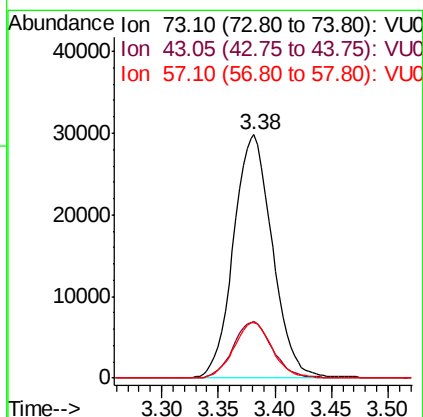
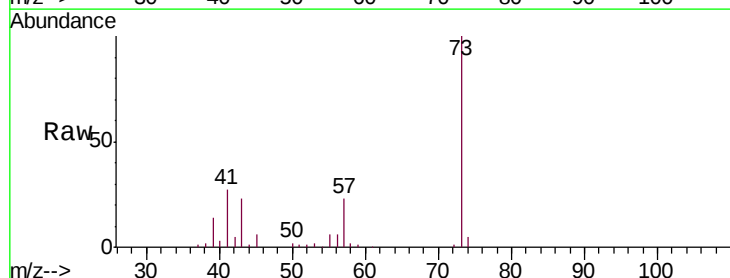
Instrument :
MSVOA_U
ClientSampleId :
H4421DL

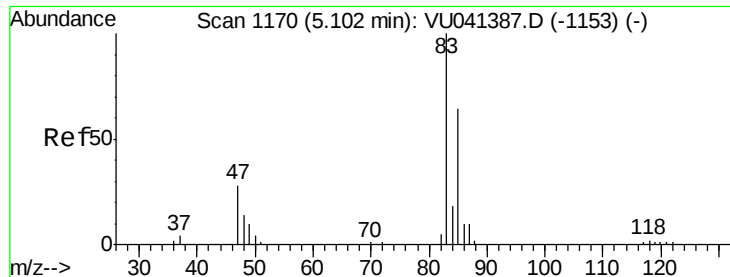
Tgt Ion: 84 Resp: 7054
Ion Ratio Lower Upper
84 100
86 57.3 44.4 82.5
49 120.3 89.9 167.0



#17
Methyl tert-butyl Ether
Concen: 7.319 ug/L
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU041399.D
Acq: 23 Nov 2020 19:51

Tgt Ion: 73 Resp: 71329
Ion Ratio Lower Upper
73 100
43 23.2 18.3 27.5
57 22.3 17.7 26.5

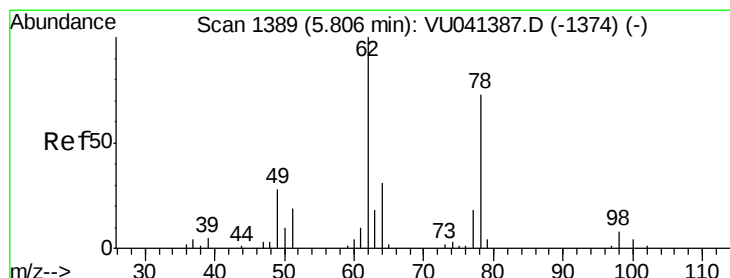
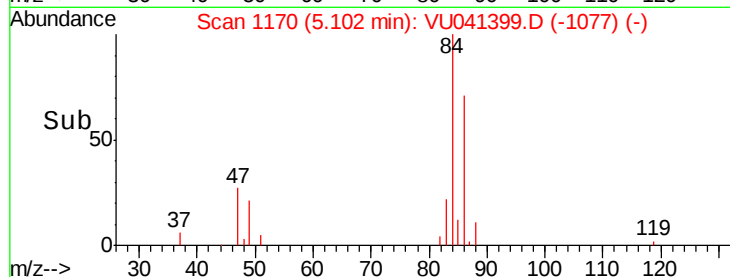
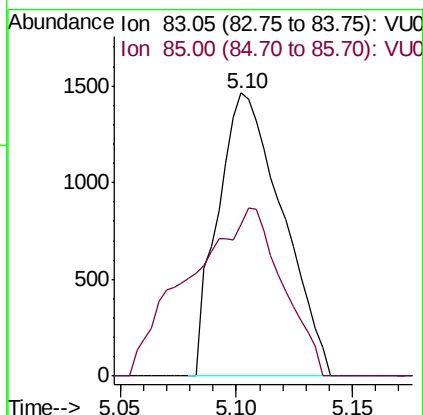
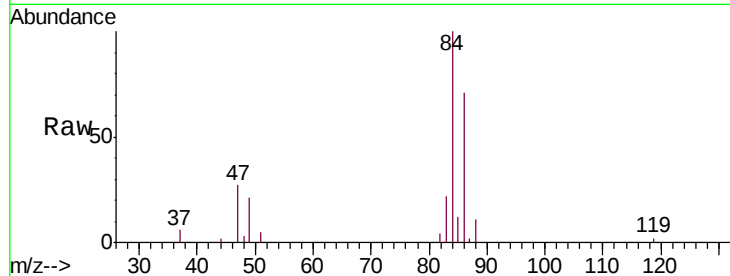




#25
Chloroform
Concen: 0.304 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. 0.00 min
Lab File: VU041399.D
Acq: 23 Nov 2020 19:51

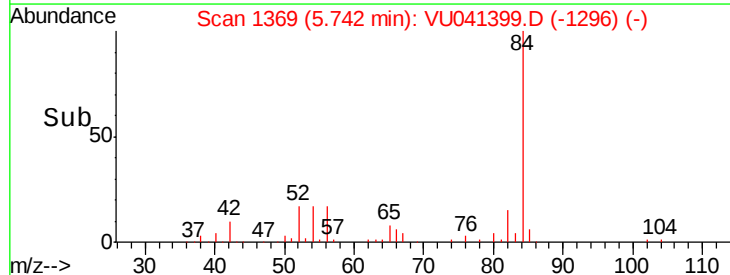
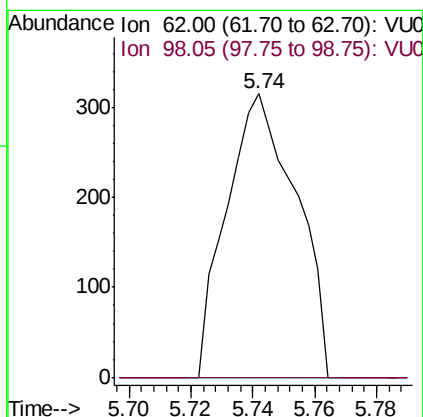
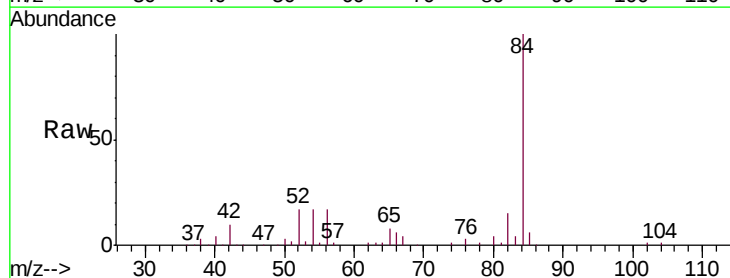
Instrument :
MSVOA_U
ClientSampleId :
H4421DL

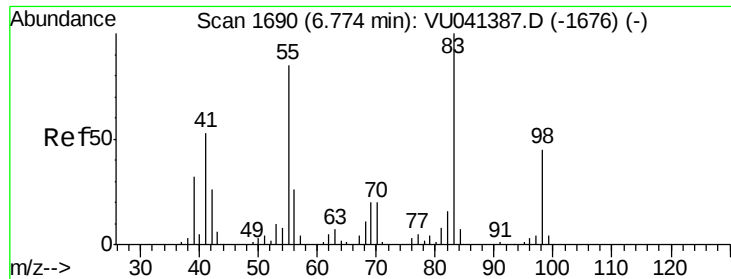
Tgt Ion: 83 Resp: 2820
Ion Ratio Lower Upper
83 100
85 53.5 44.7 82.9



#27
1,2-Dichloroethane
Concen: 0.081 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU041399.D
Acq: 23 Nov 2020 19:51

Tgt Ion: 62 Resp: 492
Ion Ratio Lower Upper
62 100
98 0.0 6.0 9.0#

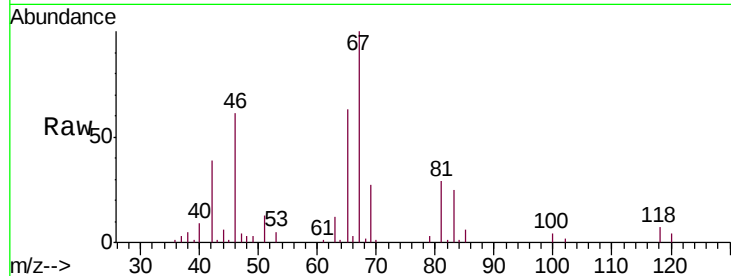




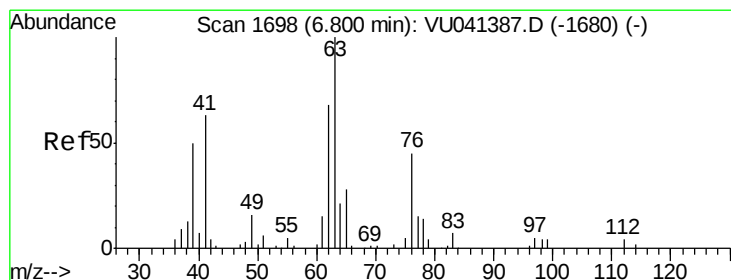
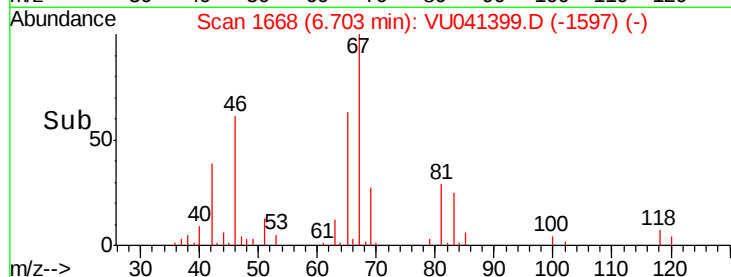
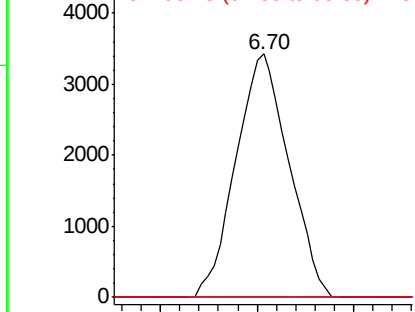
#35
Methylcyclohexane
Concen: 0.899 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041399.D
Acq: 23 Nov 2020 19:51

Instrument :
MSVOA_U
ClientSampleId :
H4421DL

Tgt Ion: 83 Resp: 6527
Ion Ratio Lower Upper
83 100
55 0.0 68.4 102.6#
98 0.0 36.5 54.7#

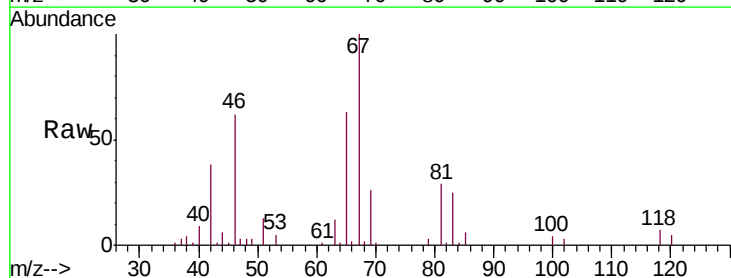


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

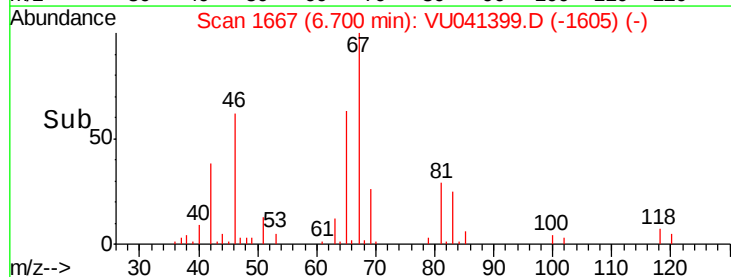
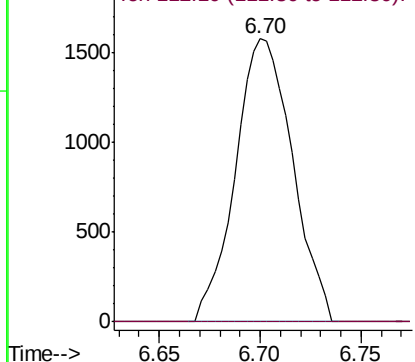


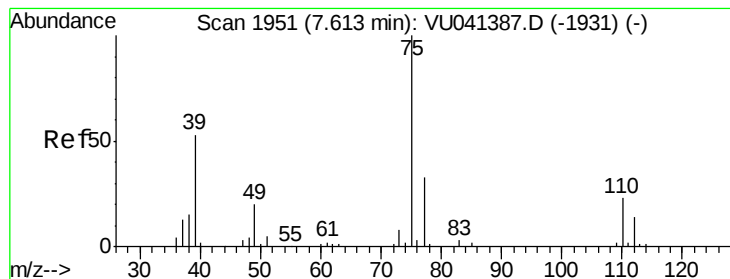
#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041399.D
Acq: 23 Nov 2020 19:51

Tgt Ion: 63 Resp: 3125
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



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



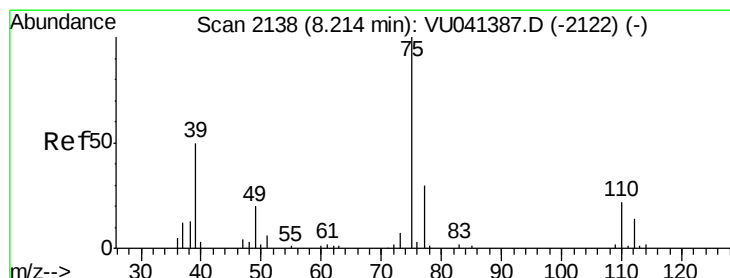
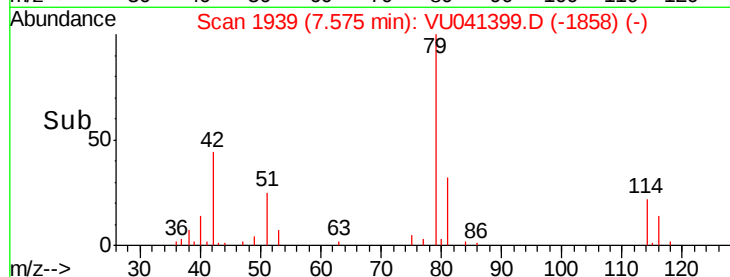
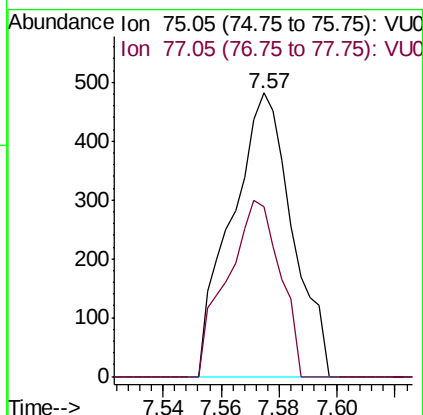
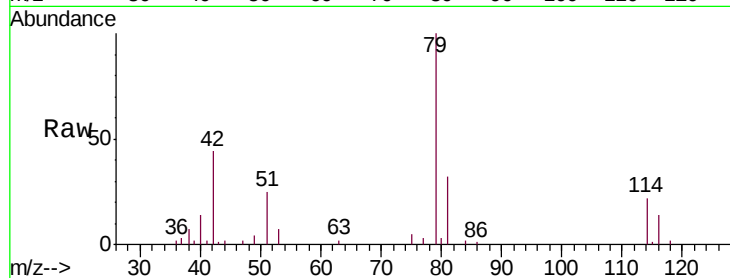


#39

cis-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041399.D
Acq: 23 Nov 2020 19:51

Instrument :
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H4421DL

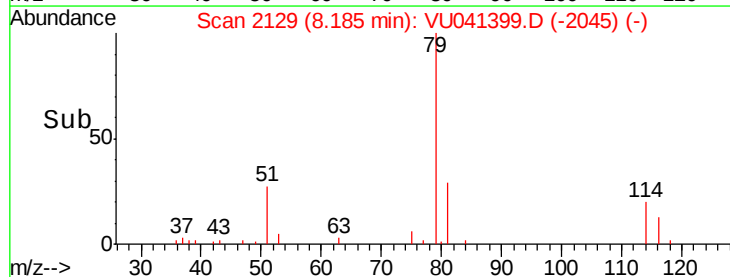
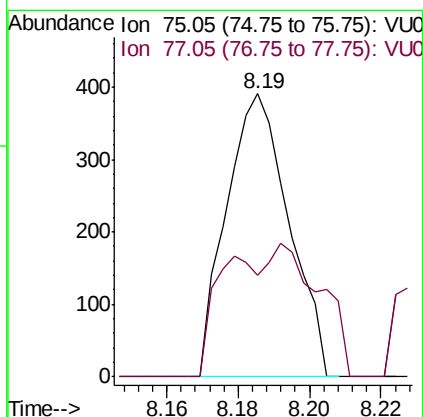
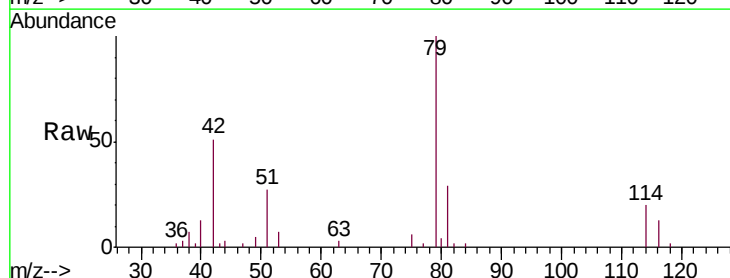
Tgt Ion: 75 Resp: 701
Ion Ratio Lower Upper
75 100
77 59.8 22.1 41.1#

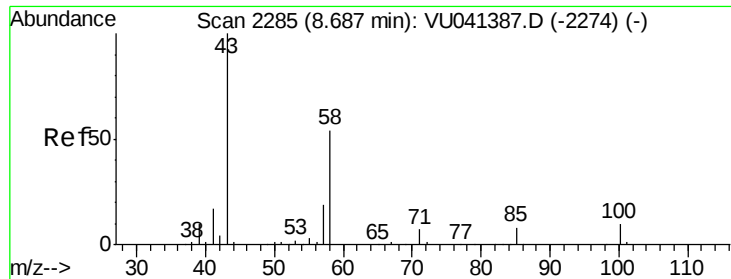


#44

trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041399.D
Acq: 23 Nov 2020 19:51

Tgt Ion: 75 Resp: 472
Ion Ratio Lower Upper
75 100
77 36.1 21.7 40.3

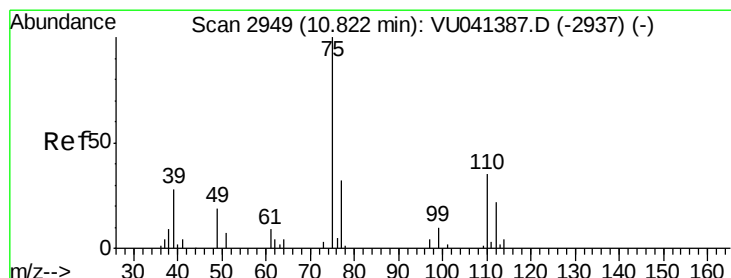
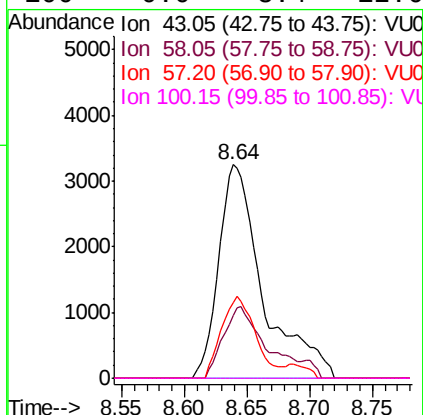
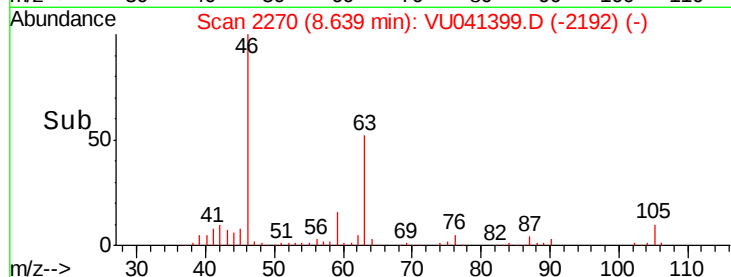
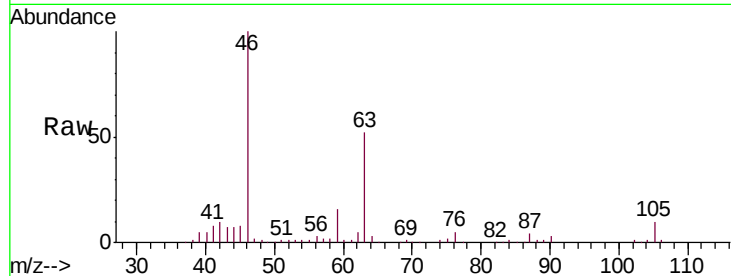




#48
2-Hexanone
Concen: 3.515 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
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ClientSampleId :
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Tgt Ion: 43 Resp: 7933
Ion Ratio Lower Upper
43 100
58 32.3 42.0 63.0#
57 29.6 15.0 22.4#
100 0.0 8.4 12.6#



#59
1,2,3-Trichloropropane
Concen: 1.165 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041399.D
Acq: 23 Nov 2020 19:51

Tgt Ion: 75 Resp: 3817
Ion Ratio Lower Upper
75 100
77 34.4 25.1 37.7

