

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
 Data File : VU041345.D
 Acq On : 19 Nov 2020 16:02
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK16

Quant Time: Nov 20 05:58:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 20 05:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	67618	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68619	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28720	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	18834	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	1.92	69	17662	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.58	63	33129	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.66	46	62433	30.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.88%
24) Chloroform-d	5.08	84	49645	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.72	65	31253	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.74	84	85514	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.70	67	29850	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.90	98	71562	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.19	79	11906	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.64	63	64196	43.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26835	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	28450	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

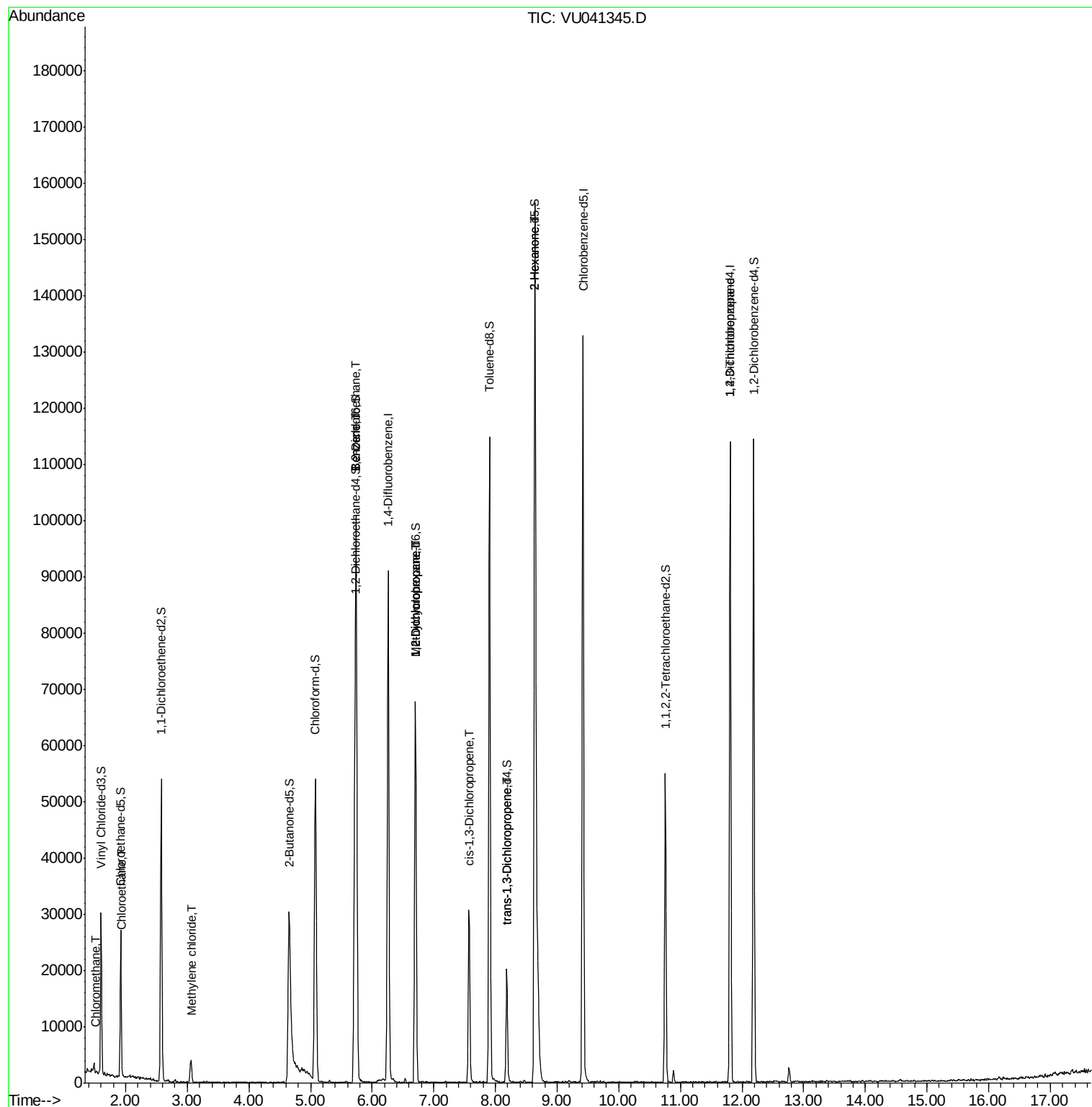
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	270	0.045	ug/L #	43
8) Chloroethane	1.94	64	368	0.094	ug/L #	43
16) Methylene chloride	3.06	84	2081	0.377	ug/L	90
27) 1,2-Dichloroethane	5.74	62	701	0.094	ug/L #	74
33) Benzene	5.75	78	573	0.031	ug/L	100
35) Methylcyclohexane	6.70	83	7413	1.110	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	3680	0.677	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	724	0.095	ug/L #	77
44) trans-1,3-Dichloropropene	8.18	75	490	0.068	ug/L #	71
48) 2-Hexanone	8.64	43	8195	2.441	ug/L #	72
59) 1,2,3-Trichloropropane	11.81	75	3488	0.814	ug/L	91

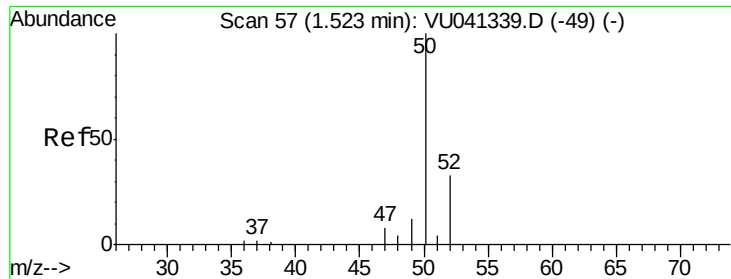
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.045 ug/L

RT: 1.52 min Scan# 57

Delta R.T. 0.00 min

Lab File: VU041345.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_U

ClientSampleId :

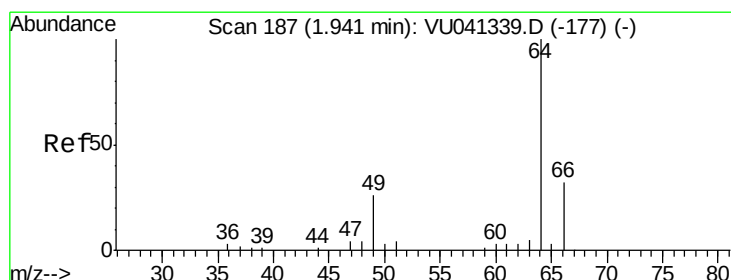
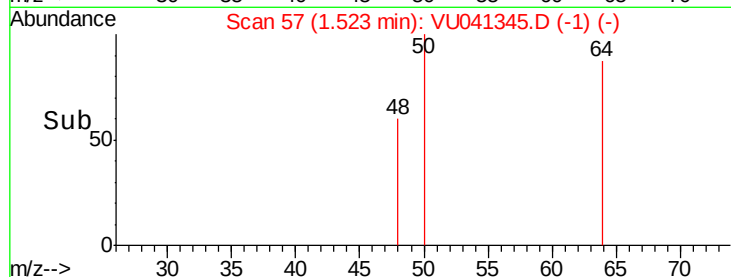
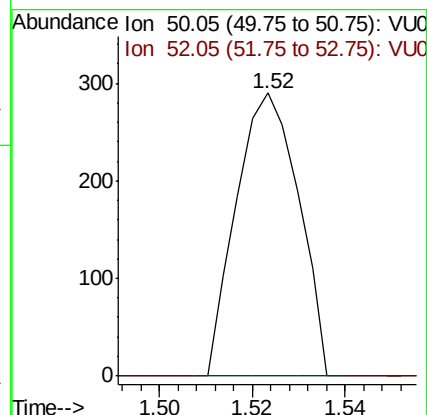
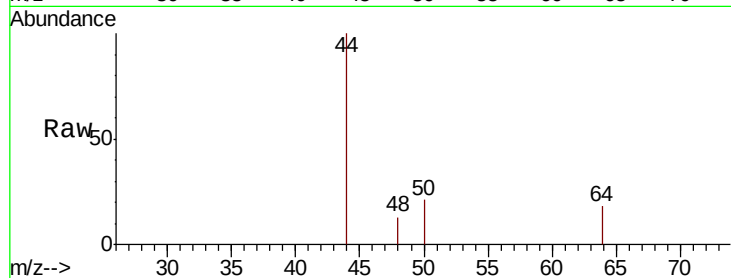
VIBLK16

Tot Ion: 50 Resp: 270

Ion Ratio Lower Upper

50 100

52 0.0 22.4 41.6#



#8

Chloroethane

Concen: 0.094 ug/L

RT: 1.94 min Scan# 186

Delta R.T. -0.00 min

Lab File: VU041345.D

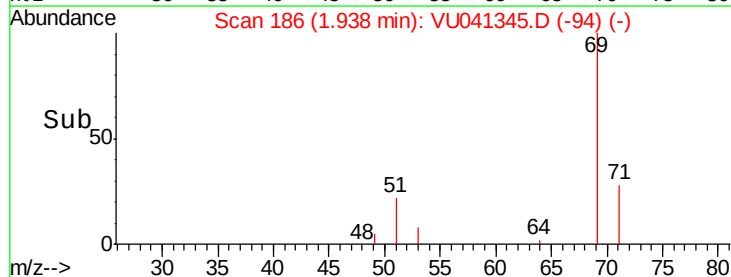
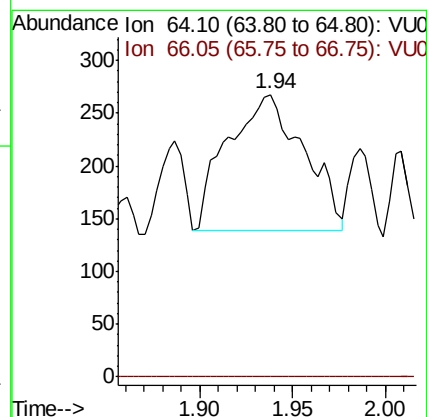
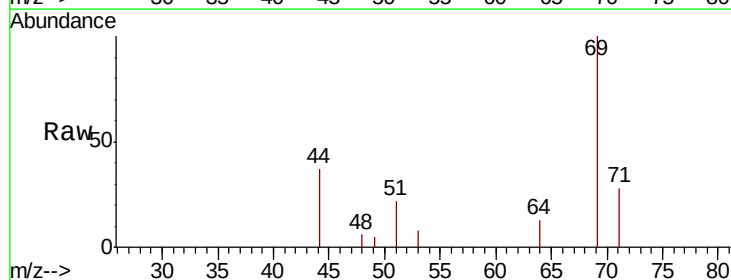
Acq: 19 Nov 2020 16:02

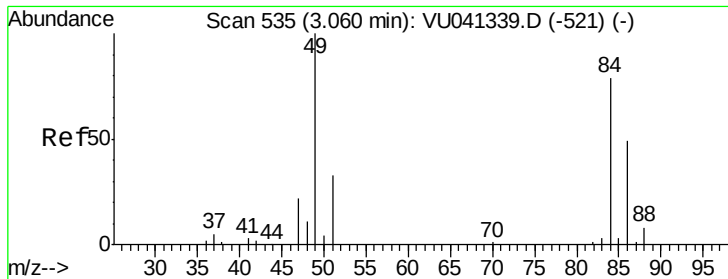
Tgt Ion: 64 Resp: 368

Ion Ratio Lower Upper

64 100

66 0.0 22.3 41.5#

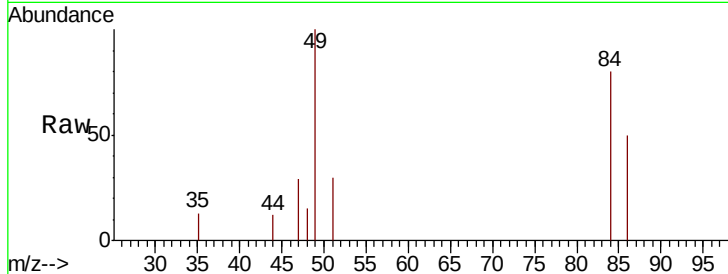




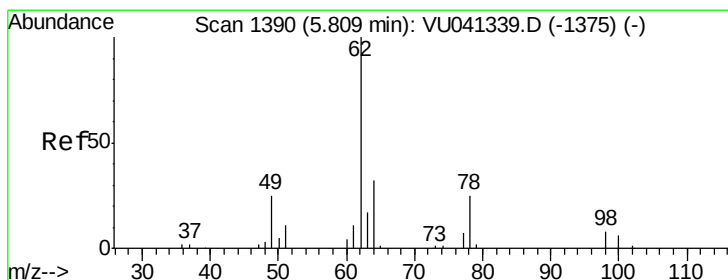
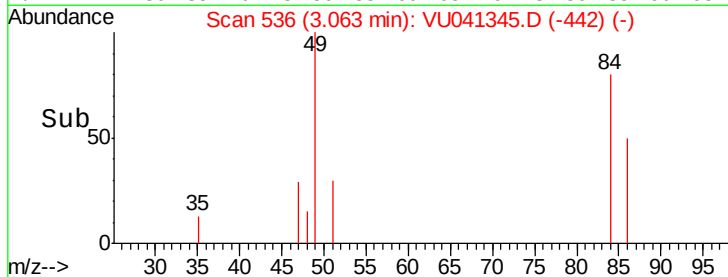
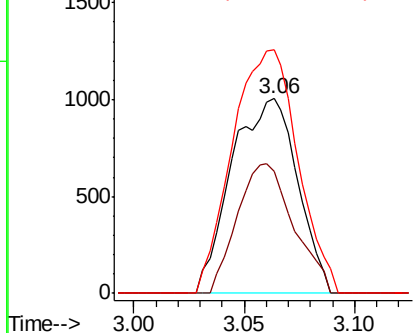
#16
Methvlene chloride
Concen: 0.377 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU041345.D
Acq: 19 Nov 2020 16:02

Instrument :
MSVOA_U
ClientSampleId :
VIBLK16

Tot Ion: 84 Resp: 2081
Ion Ratio Lower Upper
84 100
86 62.6 42.8 79.6
49 125.2 99.5 184.7

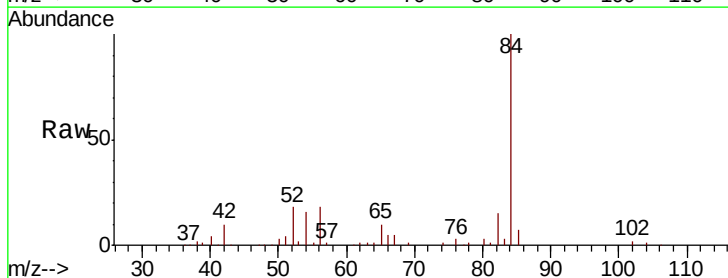


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

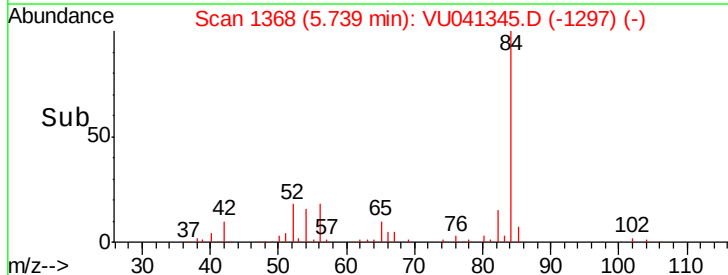
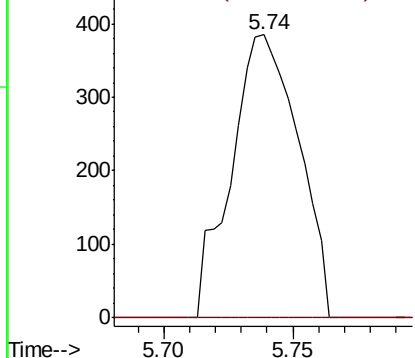


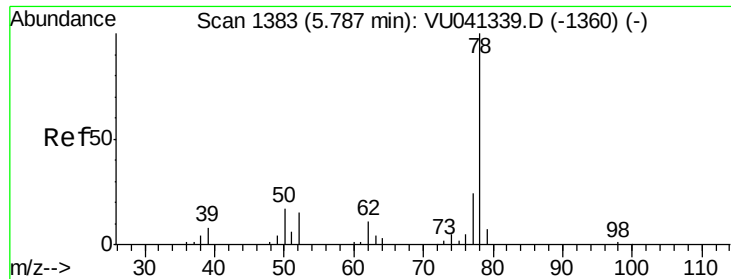
#27
1,2-Dichloroethane
Concen: 0.094 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041345.D
Acq: 19 Nov 2020 16:02

Tgt Ion: 62 Resp: 701
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0





#33

Benzene

Concen: 0.031 ug/L

RT: 5.75 min Scan# 1370

Delta R.T. -0.04 min

Lab File: VU041345.D

Acq: 19 Nov 2020 16:02

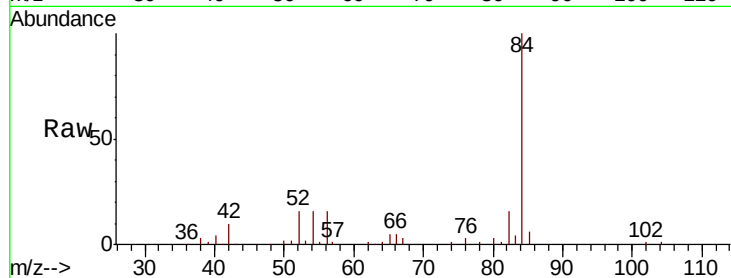
Instrument :

MSVOA_U

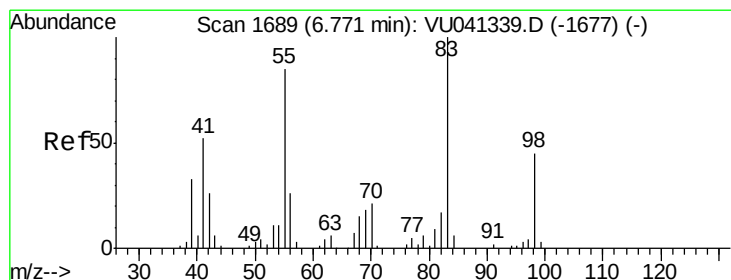
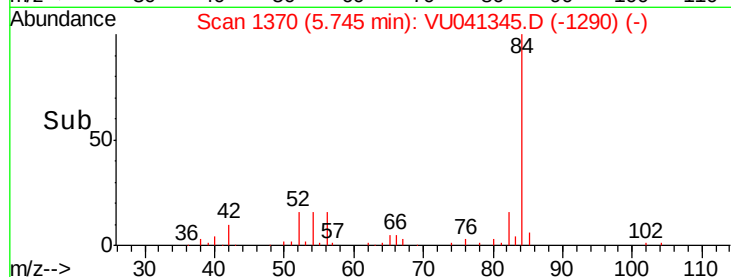
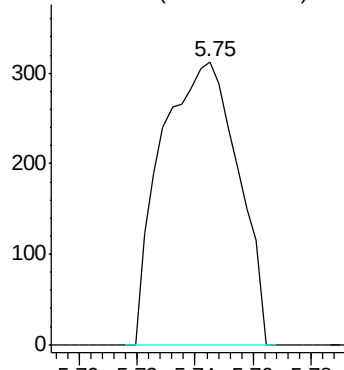
ClientSampleId :

VIBLK16

Tgt Ion: 78 Resp: 573



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 1.110 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041345.D

Acq: 19 Nov 2020 16:02

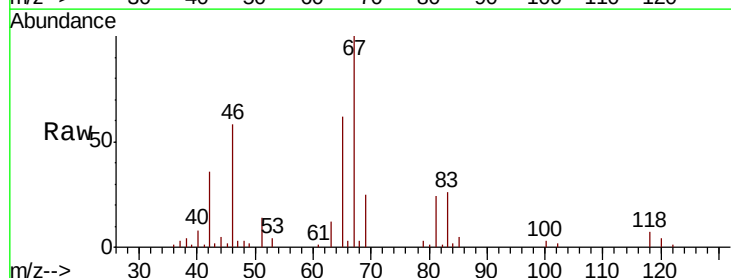
Tgt Ion: 83 Resp: 7413

Ion Ratio Lower Upper

83 100

55 0.0 72.0 108.0#

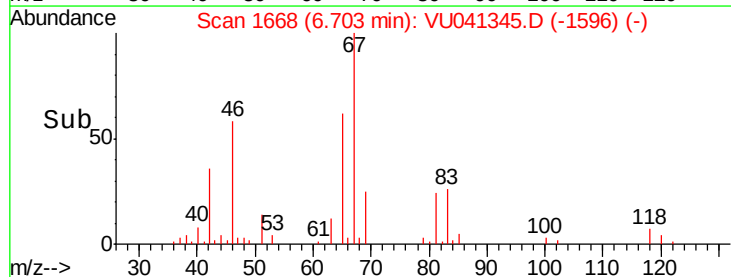
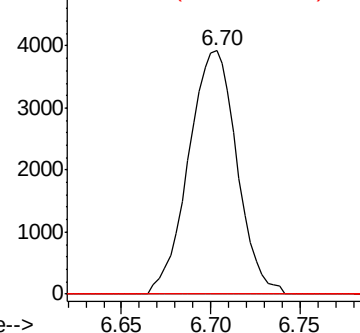
98 0.9 36.6 55.0#

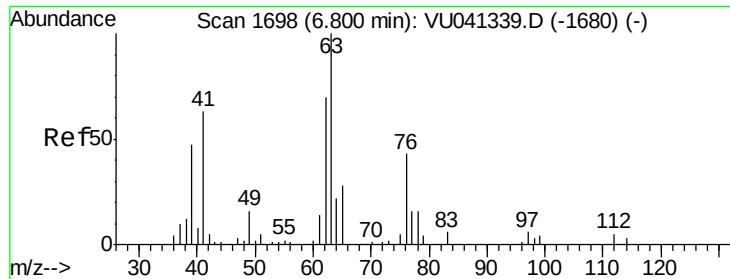


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

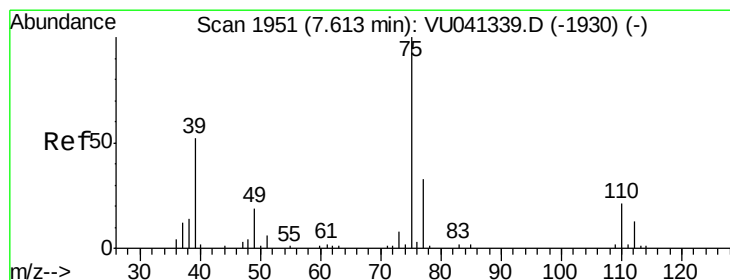
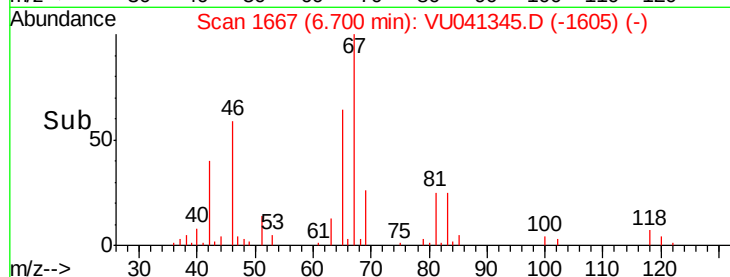
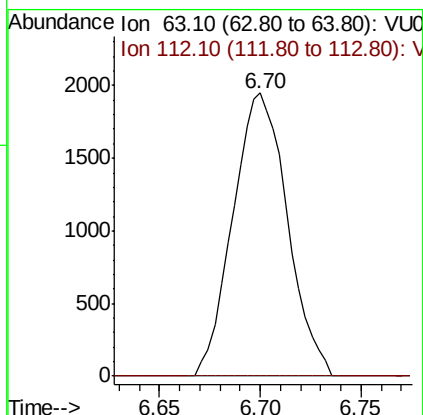
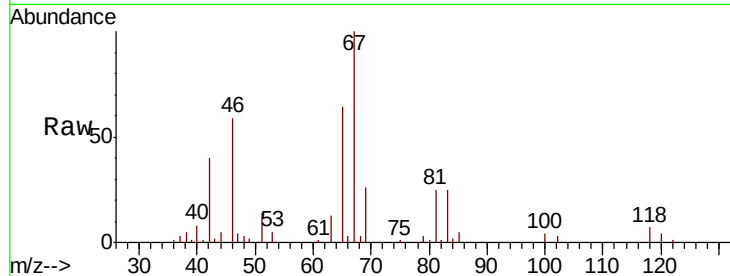




#37
 1,2-Dichloropropane
 Concen: 0.677 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041345.D
 Acq: 19 Nov 2020 16:02

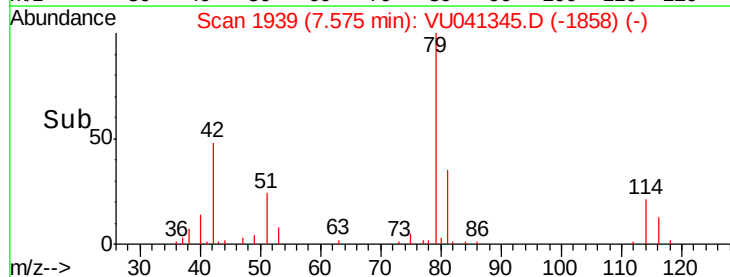
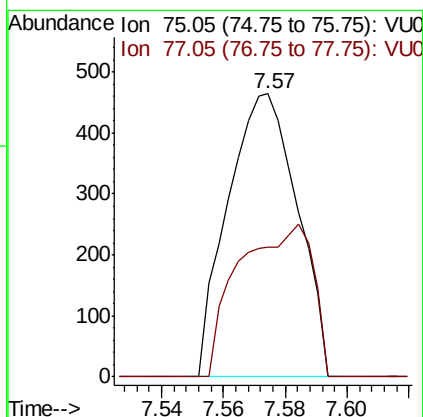
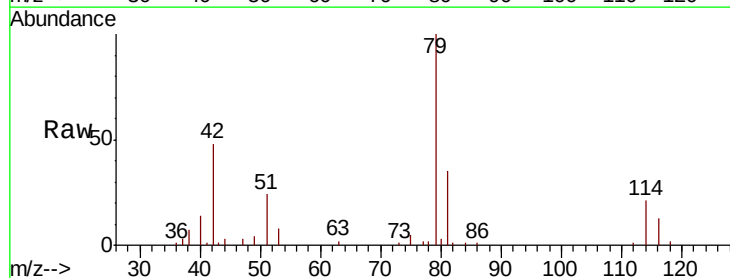
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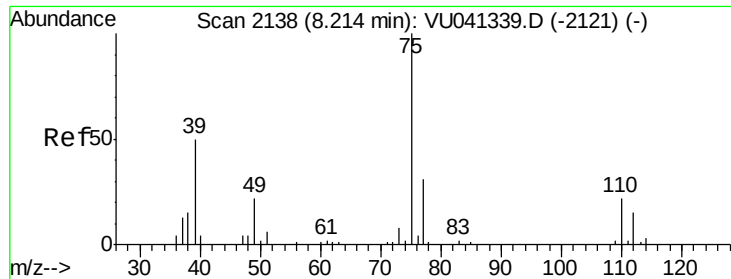
Tot Ion: 63 Resp: 3680
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041345.D
 Acq: 19 Nov 2020 16:02

Tgt Ion: 75 Resp: 724
 Ion Ratio Lower Upper
 75 100
 77 45.7 22.7 42.3#

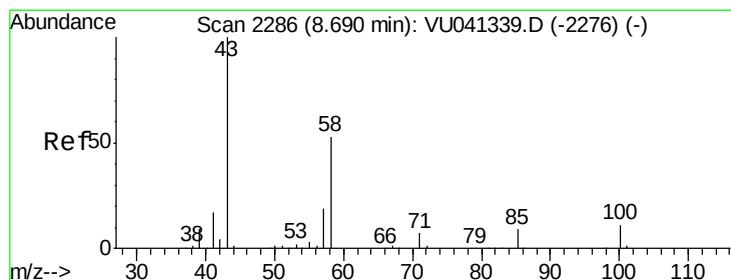
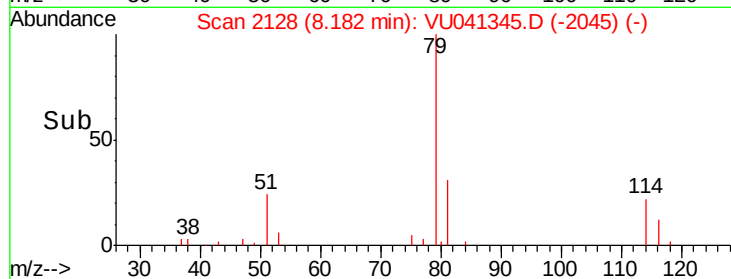
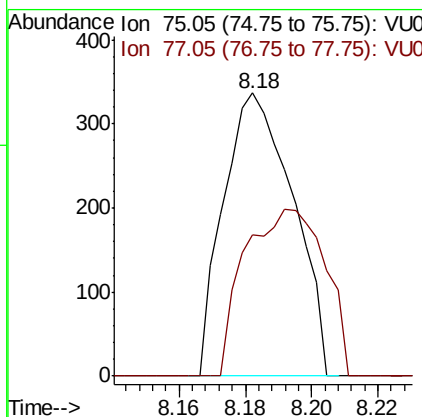
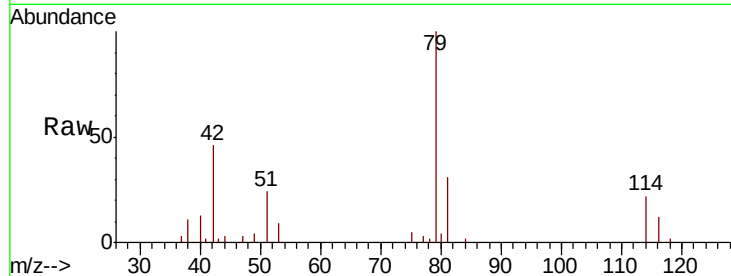




#44
trans-1,3-Dichloropropene
Concen: 0.068 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU041345.D
Acq: 19 Nov 2020 16:02

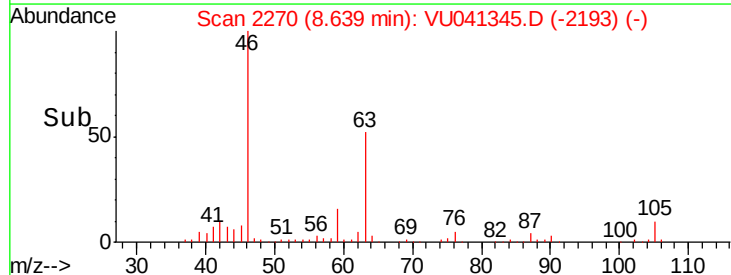
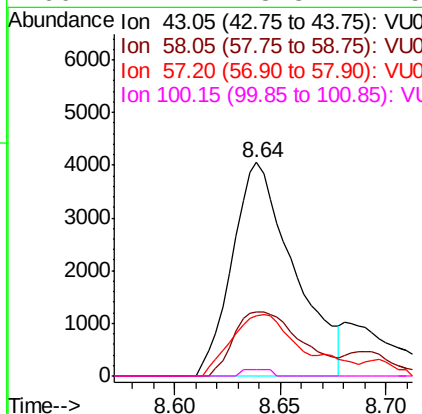
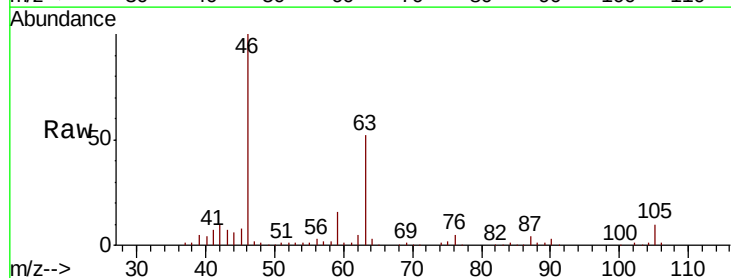
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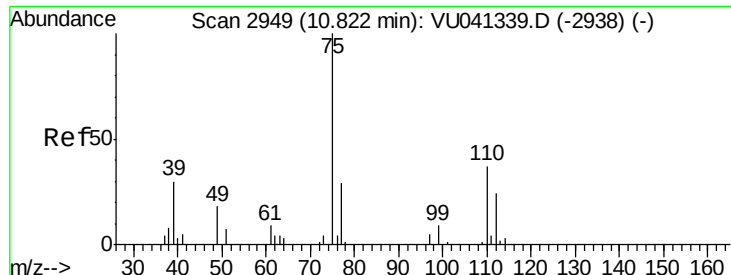
Tot Ion: 75 Resp: 490
Ion Ratio Lower Upper
75 100
77 49.9 23.3 43.3#



#48
2-Hexanone
Concen: 2.441 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041345.D
Acq: 19 Nov 2020 16:02

Tgt Ion: 43 Resp: 8195
Ion Ratio Lower Upper
43 100
58 33.3 41.4 62.2#
57 33.5 14.6 21.8#
100 1.4 8.3 12.5#





#59

1,2,3-Trichloropropane

Concen: 0.814 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041345.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_U

ClientSampleId :

VIBLK16

Tot Ion: 75 Resp: 3488

Ion Ratio Lower Upper

75 100

77 37.1 25.7 38.5

