

Data File : VU032049.D
Acq On : 16 May 2019 15:16
Operator : JC/SP
Sample : VU0516WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK16

Quant Time: May 17 07:20:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	402715	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	415347	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	171166	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	166295	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.68	69	146705	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.27	63	225166	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.40%
20) 2-Butanone-d5	4.20	46	327077	49.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.22%
24) Chloroform-d	4.64	84	289167	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.31	65	146817	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.33	84	602409	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.33	67	179240	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.56	98	512830	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.85	79	60353	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.31	63	284294	47.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	140371	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	181734	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

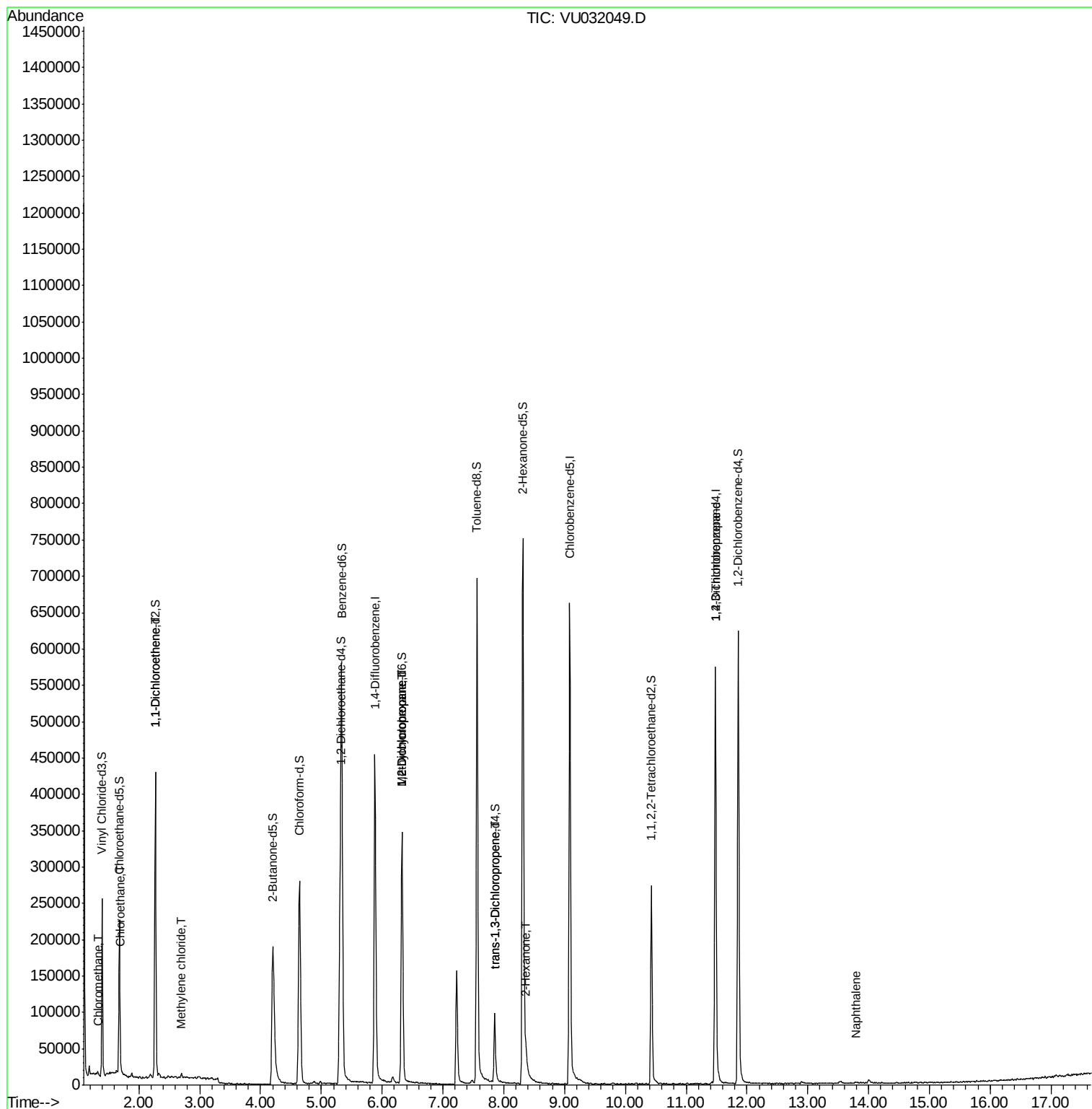
					Qvalue
3) Chloromethane	1.33	50	3108	0.161 ug/L #	78
8) Chloroethane	1.70	64	1408	0.112 ug/L #	61
12) 1,1-Dichloroethene	2.28	96	2063	0.128 ug/L #	1
16) Methylene chloride	2.69	84	2224	0.115 ug/L	84
35) Methylcyclohexane	6.32	83	43573	1.749 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	18972	1.217 ug/L #	87
44) trans-1,3-Dichloropropene	7.85	75	2860	0.171 ug/L	87
48) 2-Hexanone	8.37	43	16455	2.935 ug/L #	61
59) 1,2,3-Trichloropropane	11.48	75	19352	1.954 ug/L	98
69) Naphthalene	13.79	128	3183	0.146 ug/L #	80

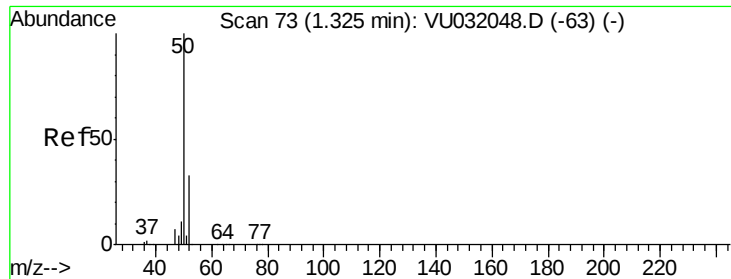
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.161 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032049.D

Acq: 16 May 2019 15:16

Instrument :

MSVOA_U

ClientSampleId :

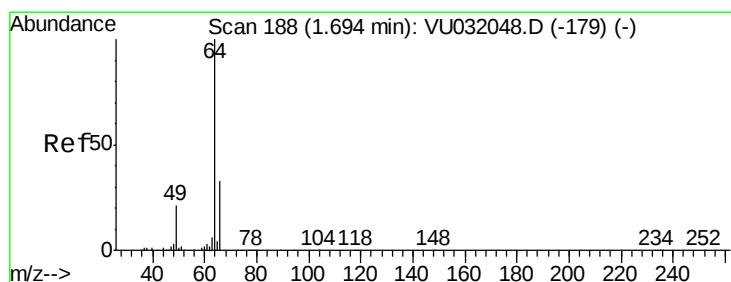
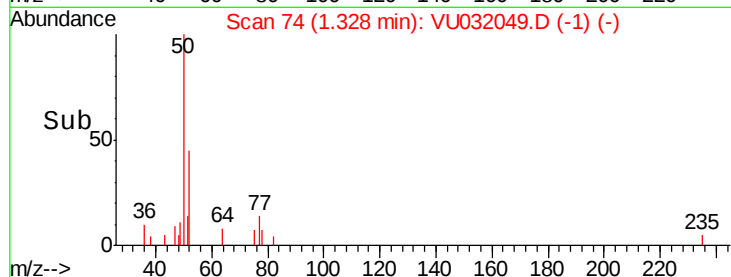
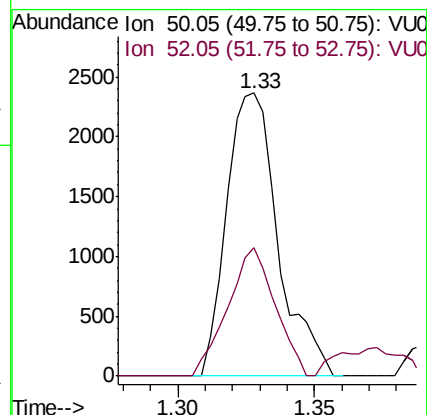
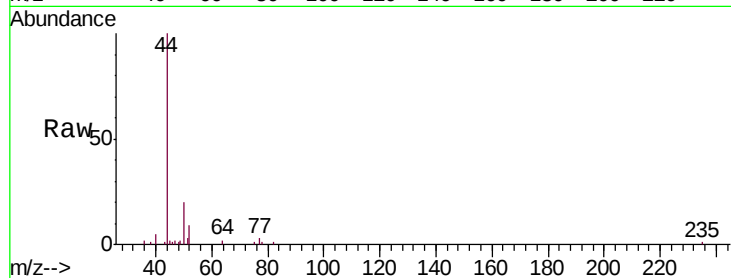
VBLK16

Tgt Ion: 50 Resp: 3108

Ion Ratio Lower Upper

50 100

52 45.3 23.2 43.0#



#8

Chloroethane

Concen: 0.112 ug/L

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU032049.D

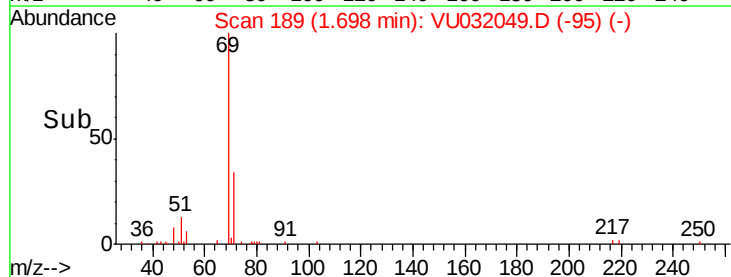
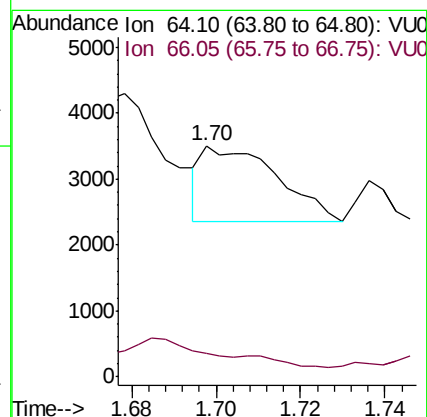
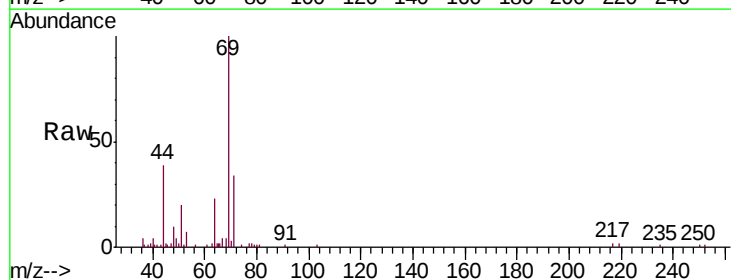
Acq: 16 May 2019 15:16

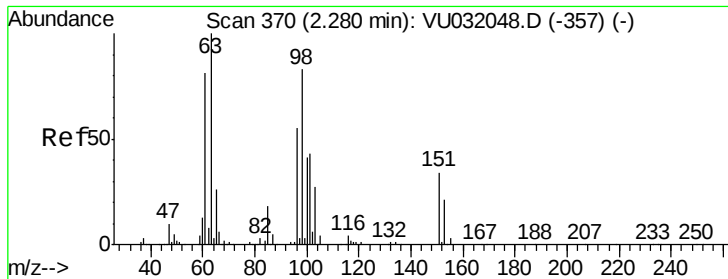
Tgt Ion: 64 Resp: 1408

Ion Ratio Lower Upper

64 100

66 9.9 22.0 41.0#





#12

1,1-Dichloroethene

Concen: 0.128 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU032049.D

Acq: 16 May 2019 15:16

Instrument :

MSVOA_U

ClientSampleId :

VBLK16

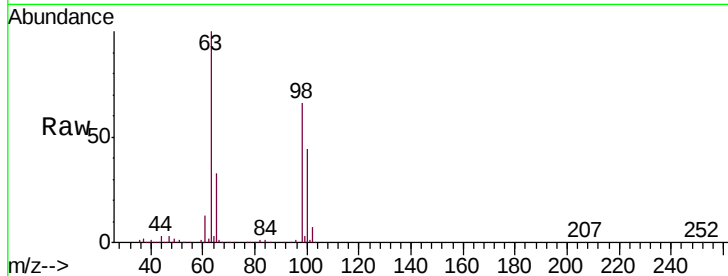
Tgt Ion: 96 Resp: 2063

Ion Ratio Lower Upper

96 100

61 1210.3 111.7 207.5#

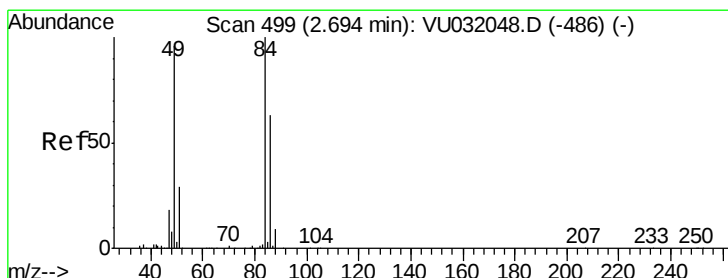
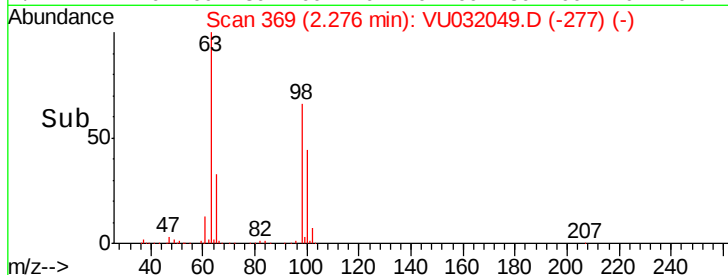
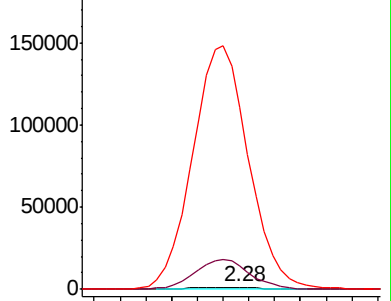
63 9418.4 152.2 282.6#



Abundance Ion 96.00 (95.70 to 96.70): VU032049.D (-277) (-)

Ion 61.05 (60.75 to 61.75): VU032049.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU032049.D (-277) (-)



#16

Methylene chloride

Concen: 0.115 ug/L

RT: 2.69 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU032049.D

Acq: 16 May 2019 15:16

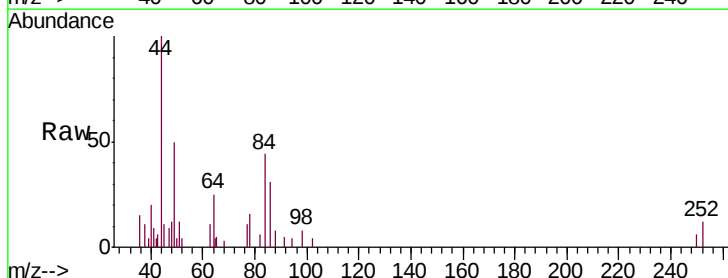
Tgt Ion: 84 Resp: 2224

Ion Ratio Lower Upper

84 100

86 71.3 43.1 80.1

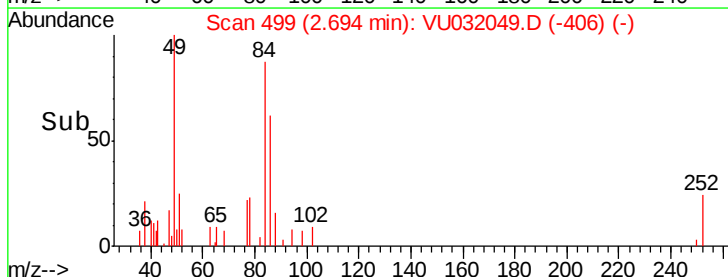
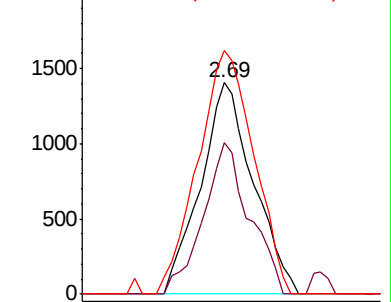
49 115.1 67.7 125.7

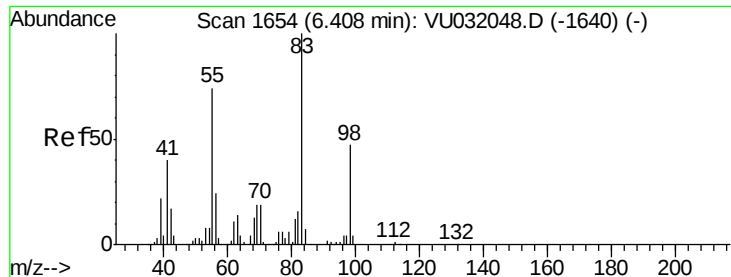


Abundance Ion 84.05 (83.75 to 84.75): VU032049.D (-406) (-)

Ion 86.00 (85.70 to 86.70): VU032049.D (-406) (-)

Ion 49.10 (48.80 to 49.80): VU032049.D (-406) (-)

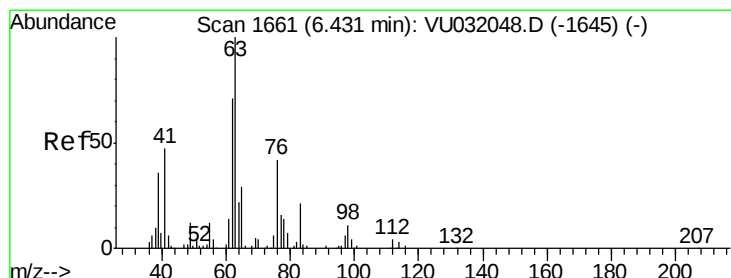
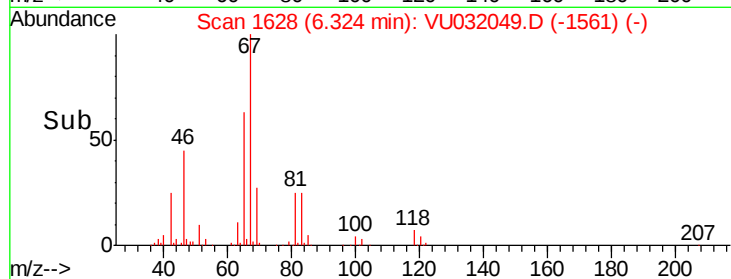
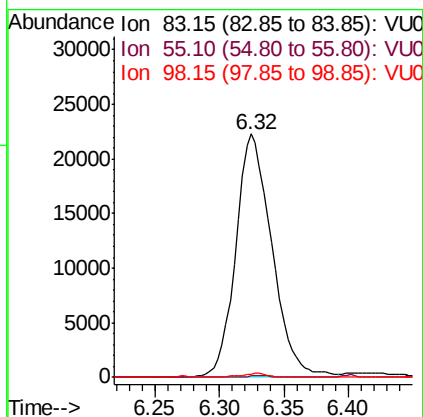
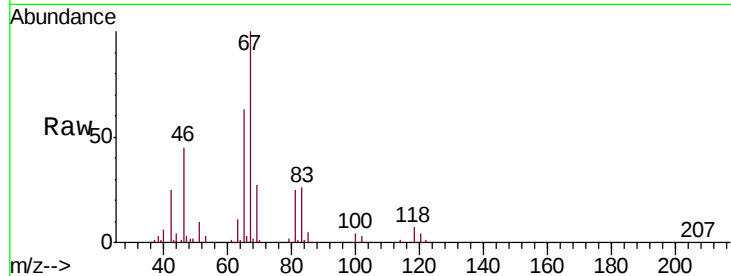




#35
Methylcyclohexane
Concen: 1.749 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032049.D
Acq: 16 May 2019 15:16

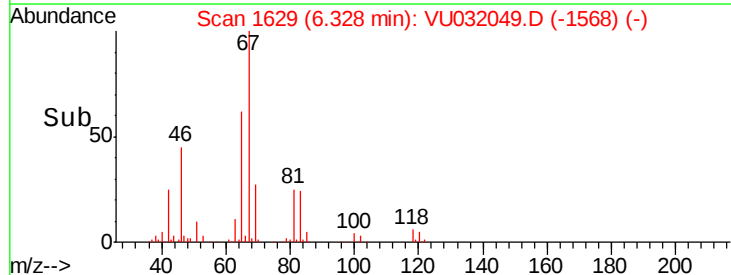
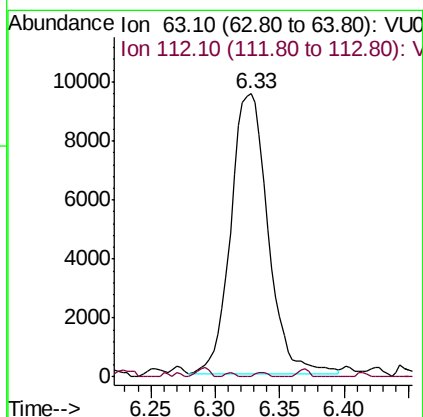
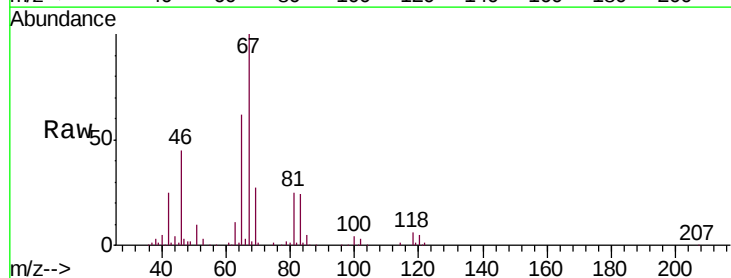
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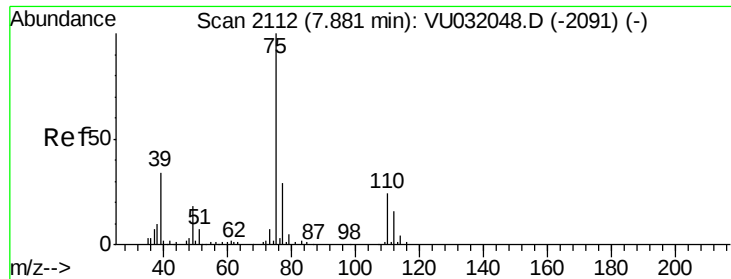
Tgt Ion: 83 Resp: 43573
Ion Ratio Lower Upper
83 100
55 0.3 59.7 89.5#
98 1.1 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 1.217 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032049.D
Acq: 16 May 2019 15:16

Tgt Ion: 63 Resp: 18972
Ion Ratio Lower Upper
63 100
112 0.5 3.8 5.6#

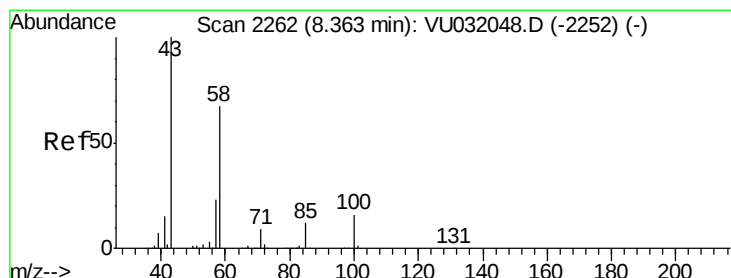
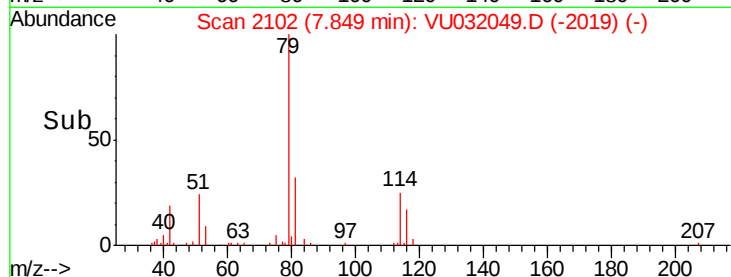
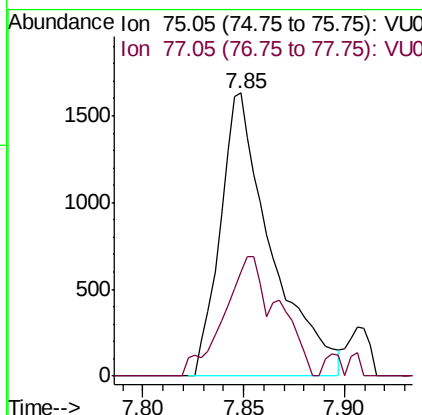
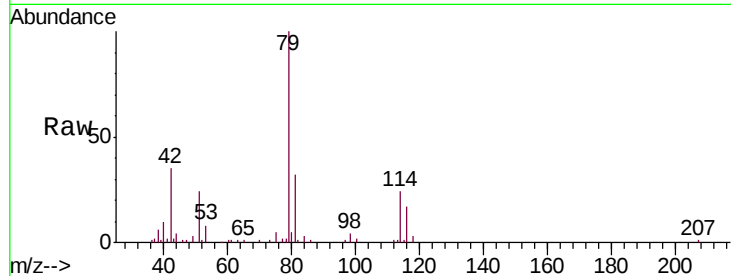




#44
trans-1,3-Dichloropropene
Concen: 0.171 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032049.D
Acq: 16 May 2019 15:16

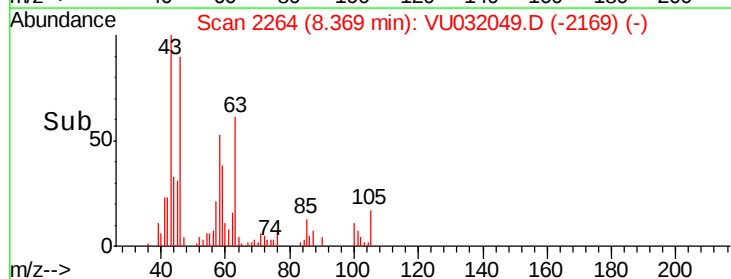
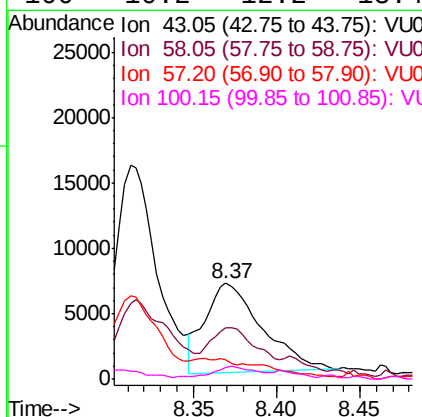
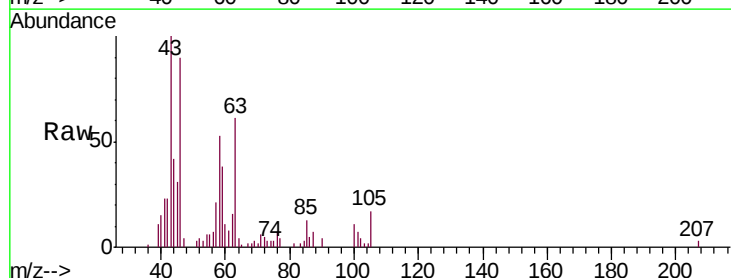
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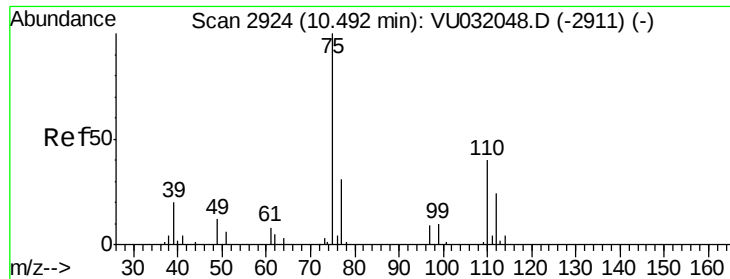
Tgt Ion: 75 Resp: 2860
Ion Ratio Lower Upper
75 100
77 36.8 21.0 39.0



#48
2-Hexanone
Concen: 2.935 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032049.D
Acq: 16 May 2019 15:16

Tgt Ion: 43 Resp: 16455
Ion Ratio Lower Upper
43 100
58 30.8 51.6 77.4#
57 0.0 18.4 27.6#
100 10.2 12.2 18.4#

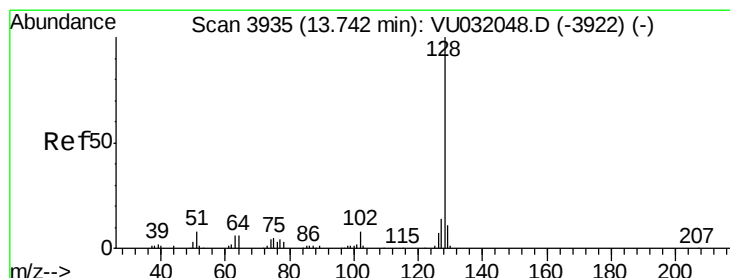
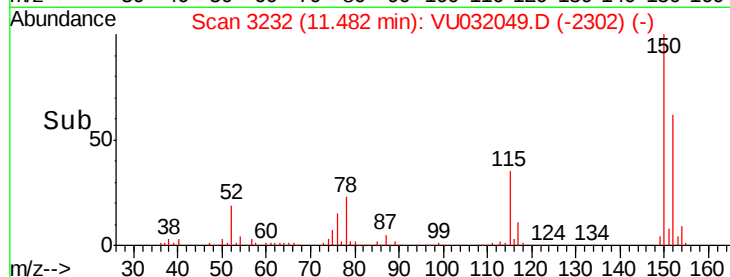
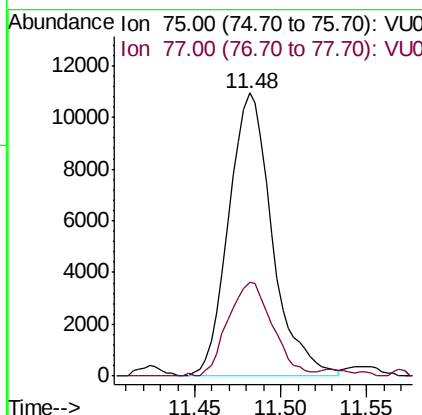
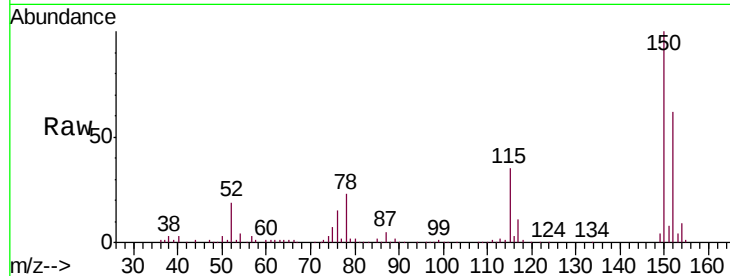




#59
 1,2,3-Trichloropropane
 Concen: 1.954 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU032049.D
 Acq: 16 May 2019 15:16

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 MSVOA_U
 ClientSampleId :
 VBLK16

Tgt Ion: 75 Resp: 19352
 Ion Ratio Lower Upper
 75 100
 77 33.7 26.2 39.2



#69
 Naphthalene
 Concen: 0.146 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. 0.05 min
 Lab File: VU032049.D
 Acq: 16 May 2019 15:16

Tgt Ion: 128 Resp: 3183
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.0 12.0#
 127 7.2 10.1 15.1#

