

Data File : VU033152.D
Acq On : 02 Jul 2019 19:47
Operator : JC/SP
Sample : K3597-17DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM74DL

Quant Time: Jul 03 02:20:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 02:14:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	80566	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	85915	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42257	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	32814	7.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	140.80%#
7) Chloroethane-d5	1.64	69	28989	6.80	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	136.00%#
11) 1,1-Dichloroethene-d2	2.25	63	51696	4.71	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.20%
20) 2-Butanone-d5	4.19	46	95361	56.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.34%
24) Chloroform-d	4.63	84	61128	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	5.30	65	35410	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.33	84	114412	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
36) 1,2-Dichloropropane-d6	6.32	67	38399	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.56	98	98782	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.85	79	14319	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.31	63	64257	52.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	33051	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	44493	5.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.00%

Target Compounds

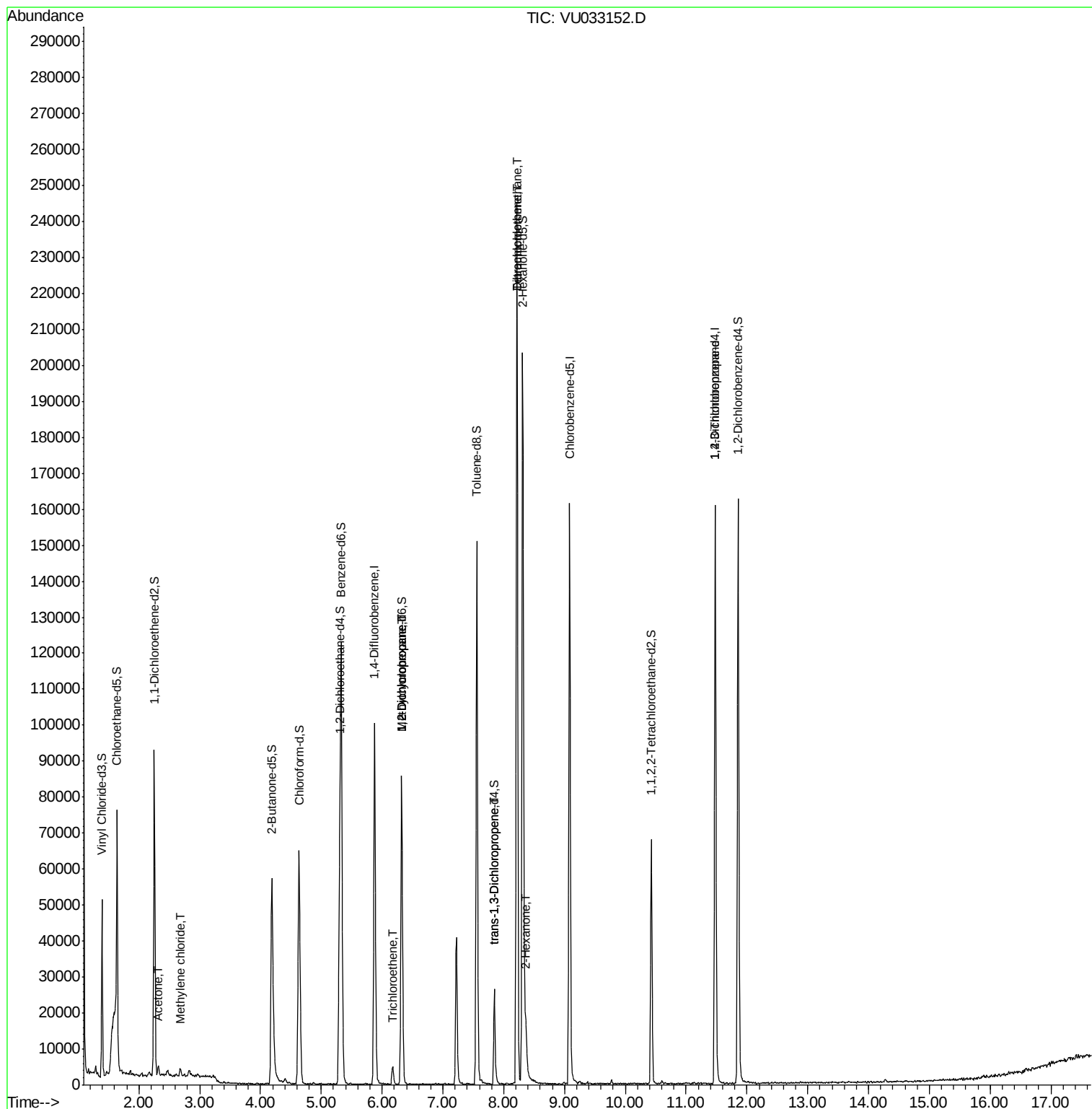
						Qvalue
13) Acetone	2.32	43	2616	1.917	ug/L	75
16) Methylene chloride	2.68	84	718	0.116	ug/L	87
34) Trichloroethene	6.18	95	1263	0.183	ug/L	92
35) Methylcyclohexane	6.32	83	8877	0.864	ug/L #	17
37) 1,2-Dichloropropane	6.32	63	4257	0.611	ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	718	0.088	ug/L	97
47) Tetrachloroethene	8.22	164	51872	9.041	ug/L	96
48) 2-Hexanone	8.37	43	8072	2.301	ug/L #	92
49) Dibromochloromethane	8.22	129	48457	7.931	ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	5486	1.158	ug/L #	84

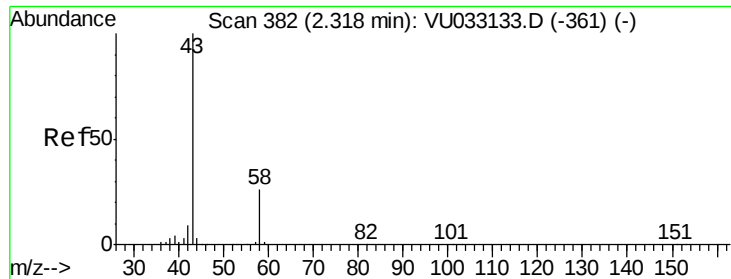
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.917 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

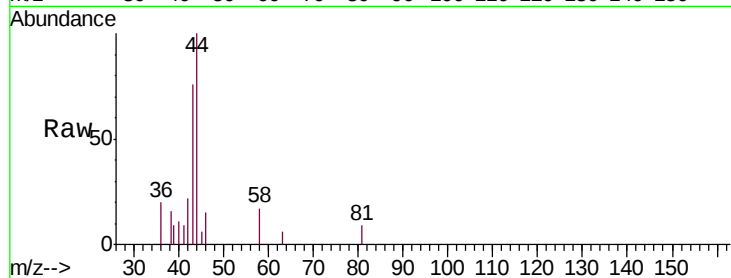
GAM74DL

Tgt Ion: 43 Resp: 2616

Ion Ratio Lower Upper

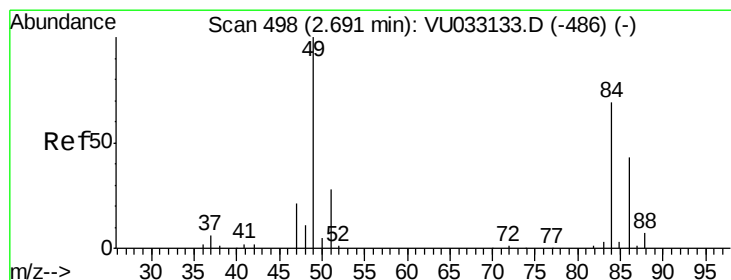
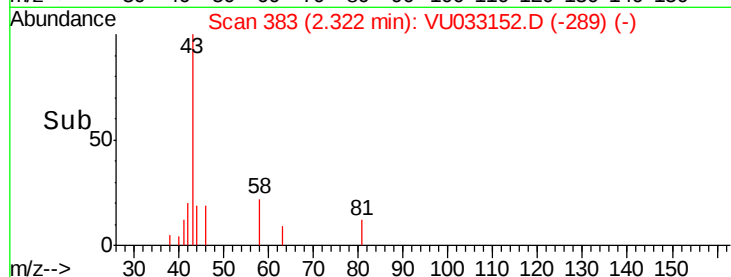
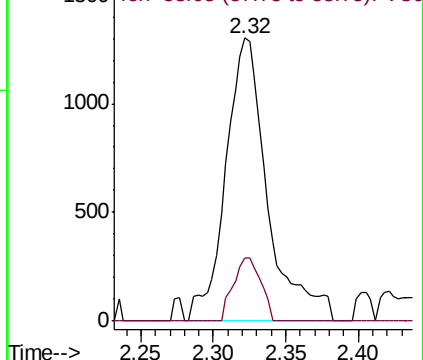
43 100

58 14.6 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU033133.D (-361) (-)

Ion 58.05 (57.75 to 58.75): VU033133.D (-361) (-)



#16

Methylene chloride

Concen: 0.116 ug/L

RT: 2.68 min Scan# 496

Delta R.T. -0.01 min

Lab File: VU033152.D

Acq: 02 Jul 2019 19:47

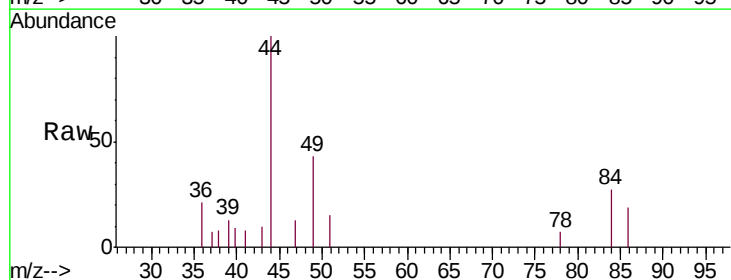
Tgt Ion: 84 Resp: 718

Ion Ratio Lower Upper

84 100

86 70.0 42.8 79.6

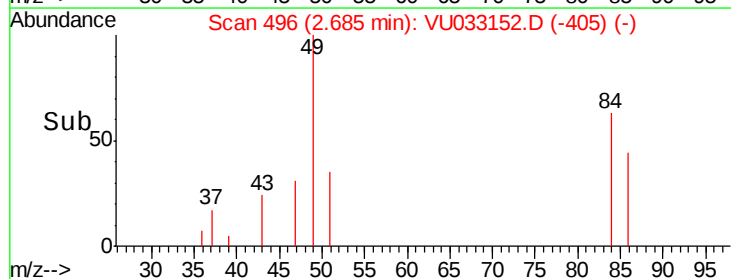
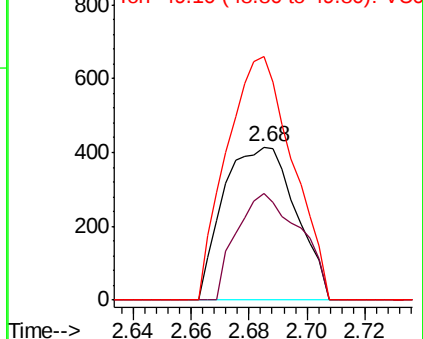
49 159.4 99.5 184.9

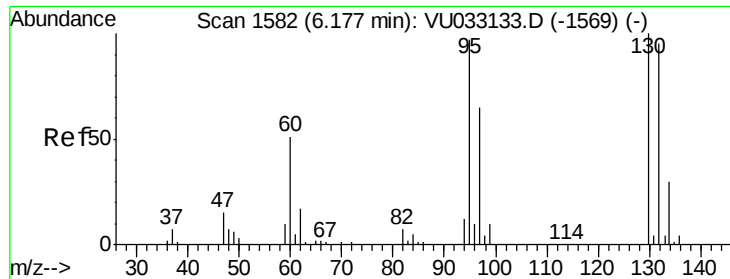


Abundance Ion 84.05 (83.75 to 84.75): VU033133.D (-486) (-)

Ion 86.00 (85.70 to 86.70): VU033133.D (-486) (-)

Ion 49.10 (48.80 to 49.80): VU033133.D (-486) (-)





#34

Trichloroethene

Concen: 0.183 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VU033152.D

Acq: 02 Jul 2019 19:47

Instrument :

MSVOA_U

ClientSampleId :

GAM74DL

Tgt Ion: 95 Resp: 1263

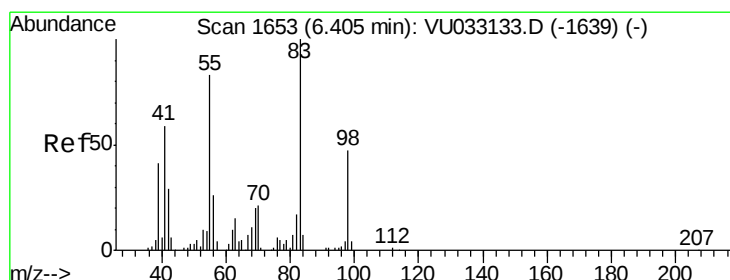
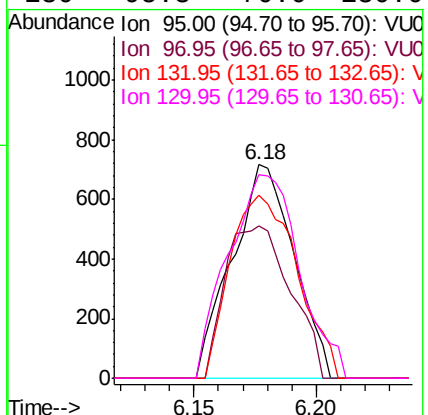
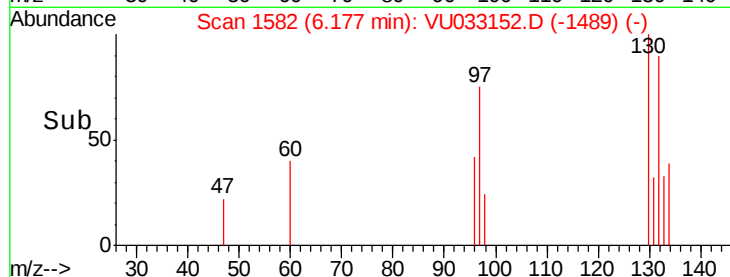
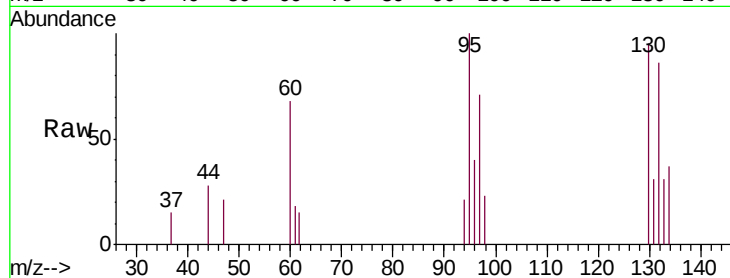
Ion Ratio Lower Upper

95 100

97 71.4 42.8 79.4

132 85.8 64.6 120.0

130 95.3 70.0 130.0



#35

Methylcyclohexane

Concen: 0.864 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.08 min

Lab File: VU033152.D

Acq: 02 Jul 2019 19:47

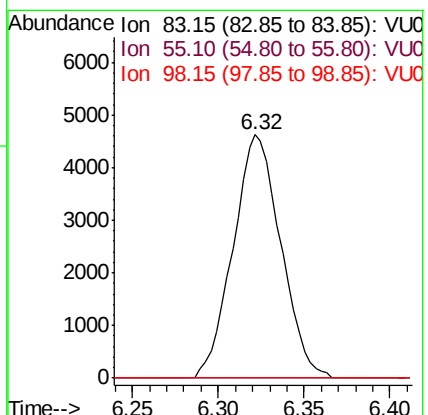
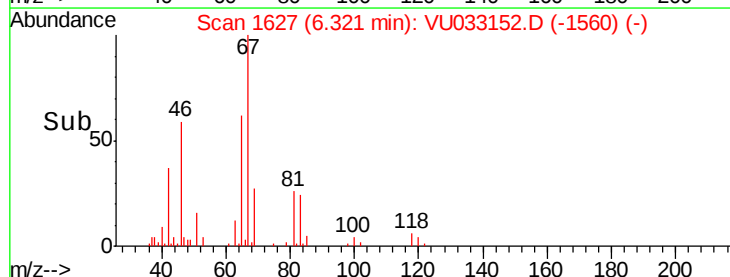
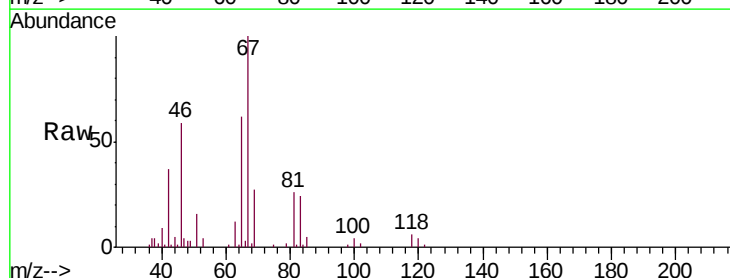
Tgt Ion: 83 Resp: 8877

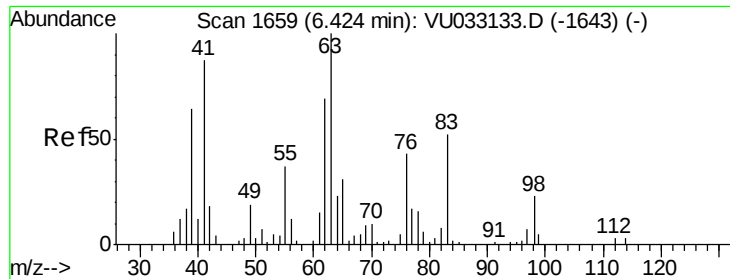
Ion Ratio Lower Upper

83 100

55 0.0 66.5 99.7#

98 1.9 37.1 55.7#





#37

1,2-Dichloropropane

Concen: 0.611 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU033152.D

Acq: 02 Jul 2019 19:47

Instrument :

MSVOA_U

ClientSampleId :

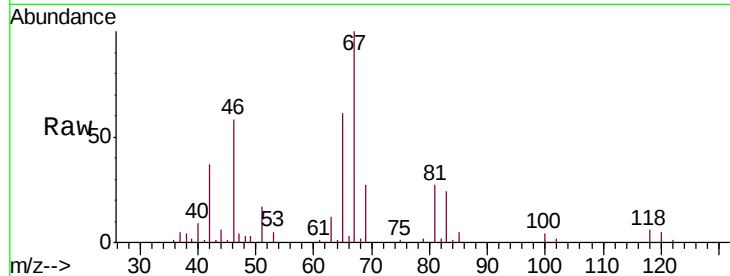
GAM74DL

Tgt Ion: 63 Resp: 4257

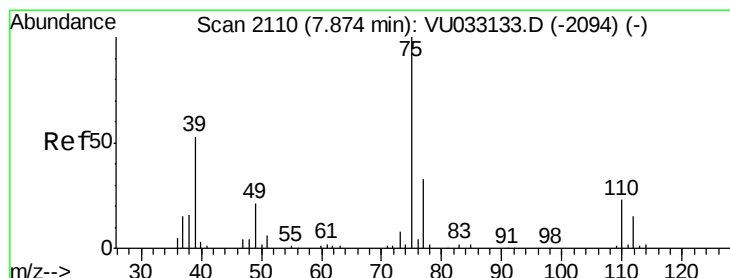
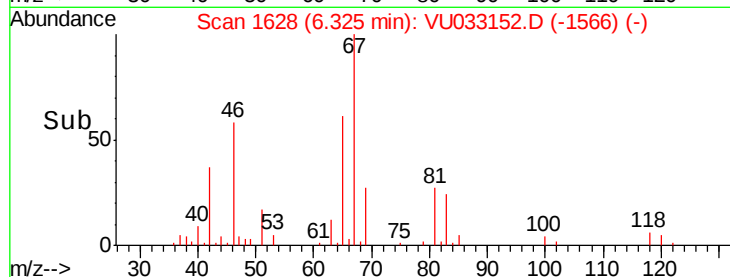
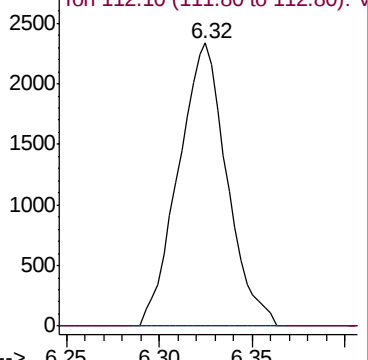
Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU033133.D (-1643) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU033152.D

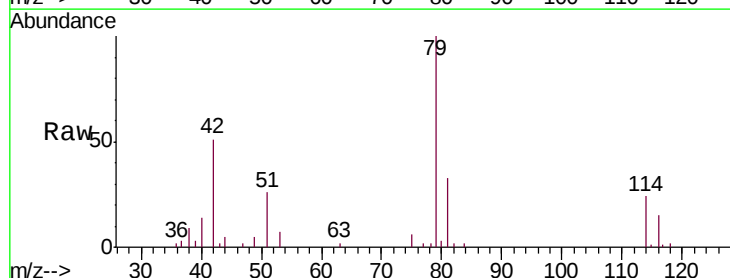
Acq: 02 Jul 2019 19:47

Tgt Ion: 75 Resp: 718

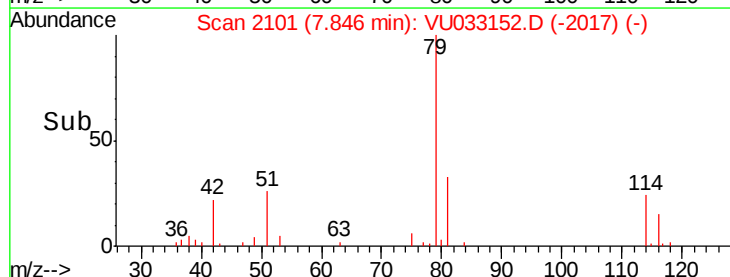
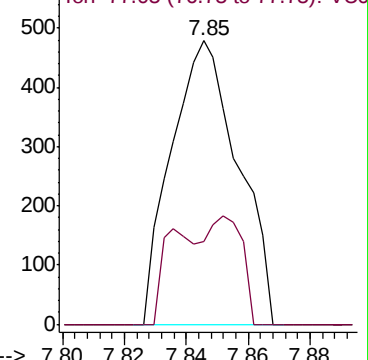
Ion Ratio Lower Upper

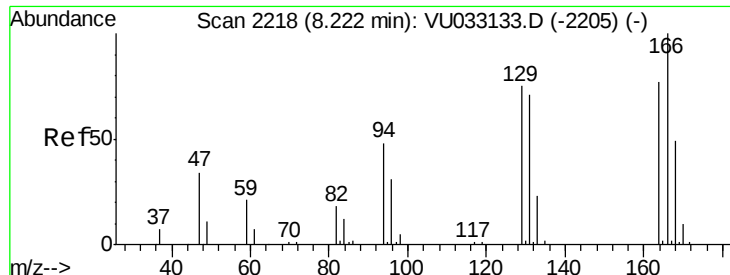
75 100

77 29.3 21.6 40.2



Abundance Ion 75.05 (74.75 to 75.75): VU033133.D (-2094) (-)

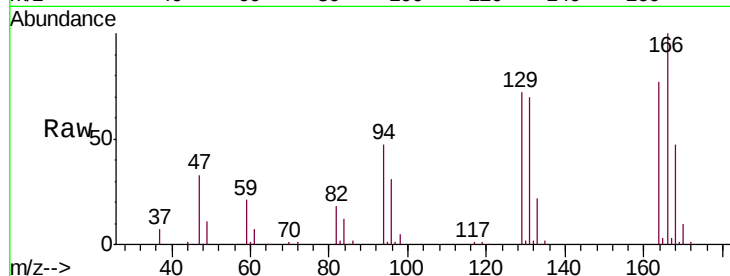




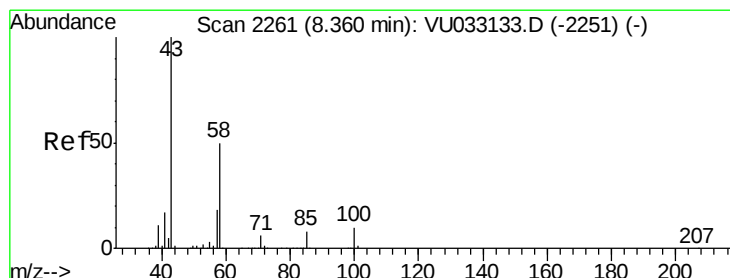
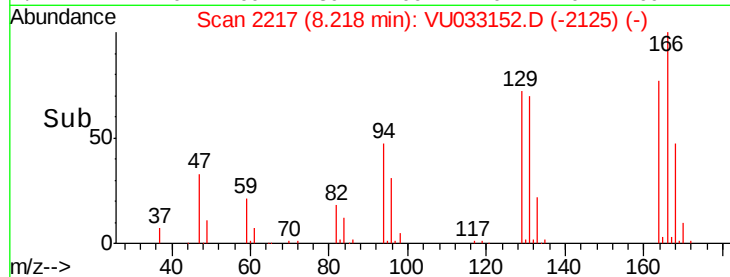
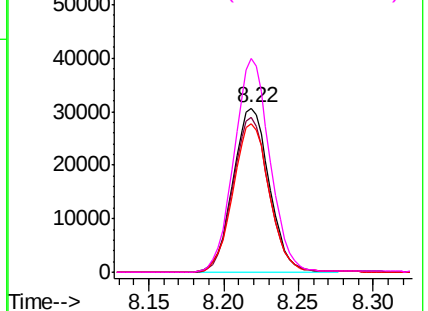
#47
Tetrachloroethene
Concen: 9.041 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. -0.00 min
Lab File: VU033152.D
Acq: 02 Jul 2019 19:47

Instrument :
MSVOA_U
ClientSampleId :
GAM74DL

Tgt Ion:164 Resp: 51872
Ion Ratio Lower Upper
164 100
129 94.0 65.3 121.3
131 90.4 60.3 112.1
166 130.0 86.9 161.3

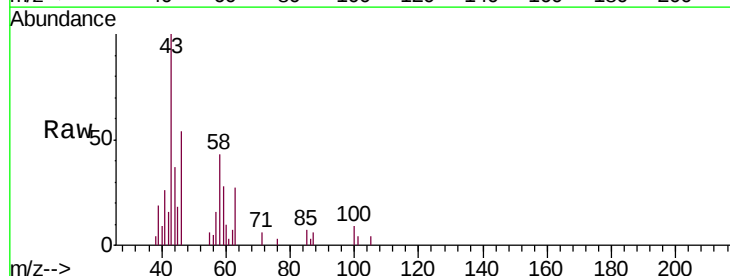


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

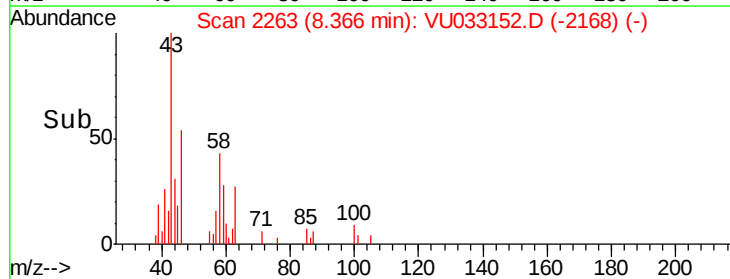
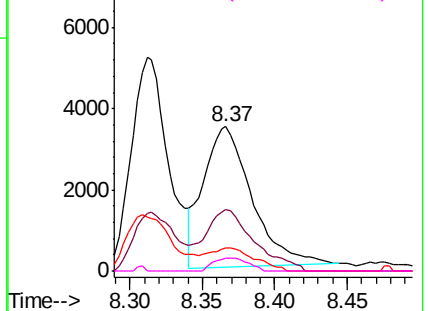


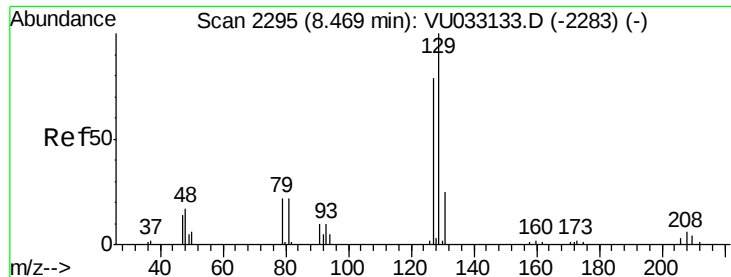
#48
2-Hexanone
Concen: 2.301 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU033152.D
Acq: 02 Jul 2019 19:47

Tgt Ion: 43 Resp: 8072
Ion Ratio Lower Upper
43 100
58 42.6 39.0 58.6
57 15.9 13.9 20.9
100 6.6 8.6 12.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 7.931 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.25 min

Lab File: VU033152.D

Acq: 02 Jul 2019 19:47

Instrument :

MSVOA_U

ClientSampleId :

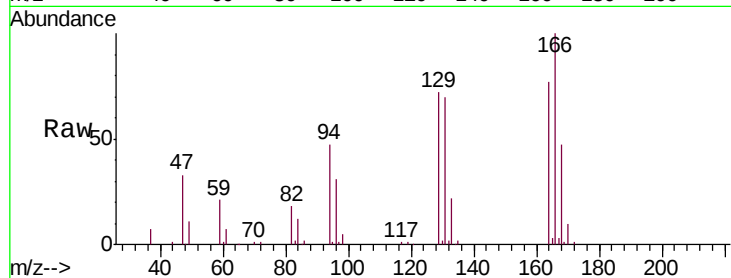
GAM74DL

Tgt Ion:129 Resp: 48457

Ion Ratio Lower Upper

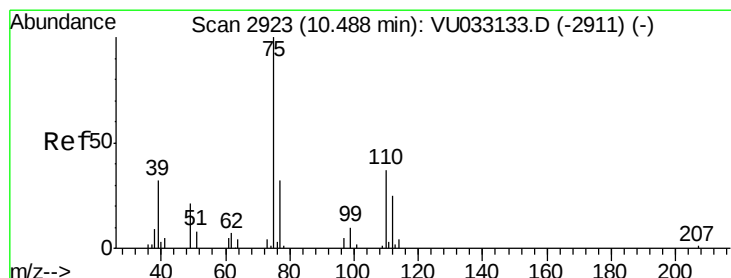
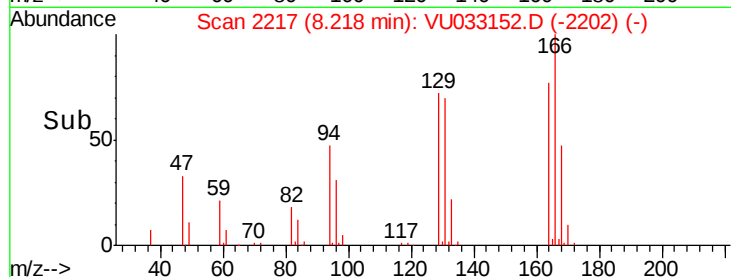
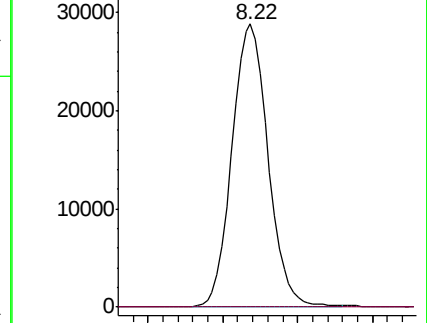
129 100

127 0.0 51.6 95.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 1.158 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033152.D

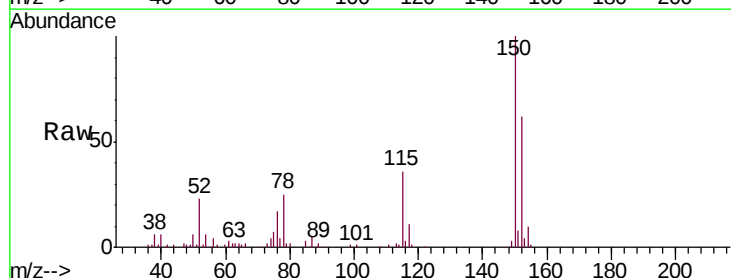
Acq: 02 Jul 2019 19:47

Tgt Ion: 75 Resp: 5486

Ion Ratio Lower Upper

75 100

77 41.2 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

