

Data File : VU032229.D
Acq On : 22 May 2019 17:58
Operator : JC/SP
Sample : K2888-03DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN5DL

Quant Time: May 23 01:51:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	382496	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	380464	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	154217	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	119170	5.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.00%
7) Chloroethane-d5	1.68	69	97558	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.27	63	175057	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	4.20	46	253748	41.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.76%
24) Chloroform-d	4.64	84	226049	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.31	65	113055	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
32) Benzene-d6	5.33	84	464754	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.33	67	139640	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.60%
41) Toluene-d8	7.56	98	394373	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	7.85	79	49480	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
46) 2-Hexanone-d5	8.31	63	213594	42.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	107161	3.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	61.60%#
64) 1,2-Dichlorobenzene-d4	11.86	152	139202	3.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	65.60%#

Target Compounds

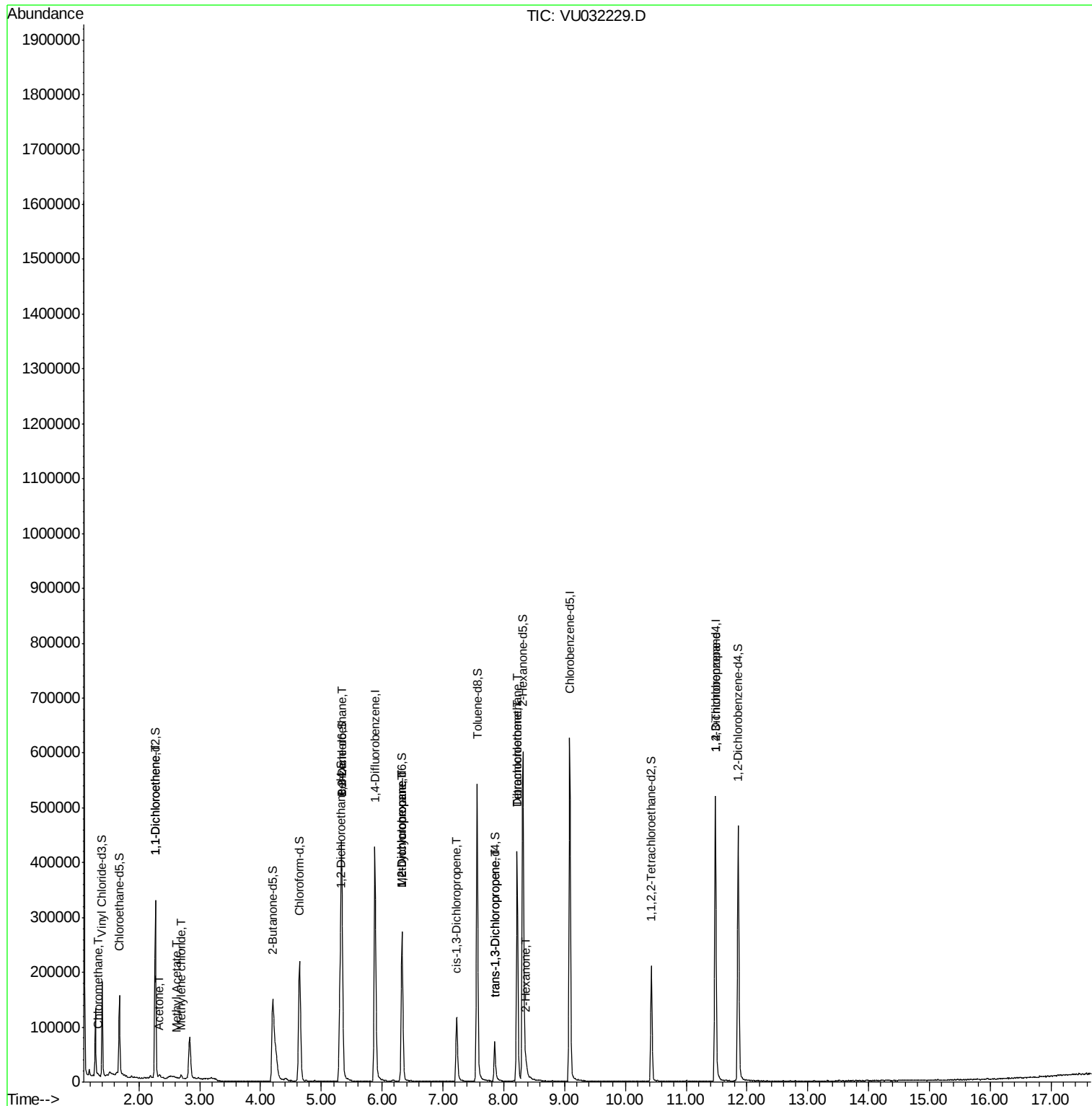
						Qvalue
3) Chloromethane	1.32	50	2682	0.164	ug/L	94
12) 1,1-Dichloroethene	2.27	96	1613	0.118	ug/L #	1
13) Acetone	2.34	43	2135	1.137	ug/L	89
15) Methyl Acetate	2.62	43	898	0.163	ug/L #	41
16) Methylene chloride	2.69	84	3089	0.170	ug/L #	76
27) 1,2-Dichloroethane	5.32	62	2579	0.182	ug/L #	73
35) Methylcyclohexane	6.32	83	35063	1.723	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	13964	1.127	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2861	0.162	ug/L #	45
44) trans-1,3-Dichloropropene	7.85	75	2024	0.146	ug/L #	53
47) Tetrachloroethene	8.22	164	101485	8.900	ug/L	98
48) 2-Hexanone	8.37	43	7632	1.589	ug/L #	88
49) Dibromochloromethane	8.22	129	91806	8.429	ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	16182	2.005	ug/L	94

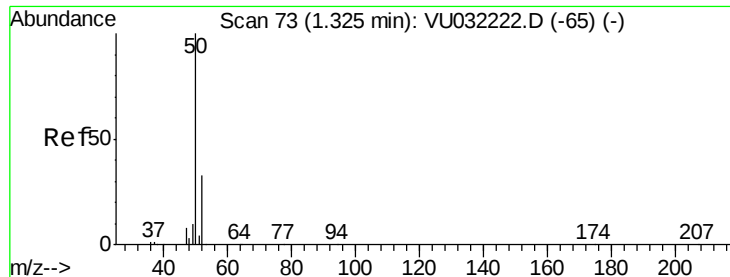
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.164 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032229.D

Acq: 22 May 2019 17:58

Instrument :

MSVOA_U

ClientSampleId :

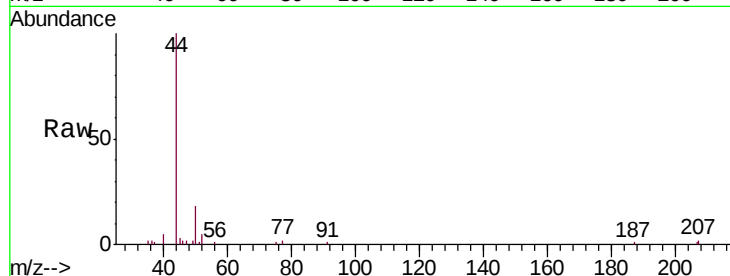
C0BN5DL

Tgt Ion: 50 Resp: 2682

Ion Ratio Lower Upper

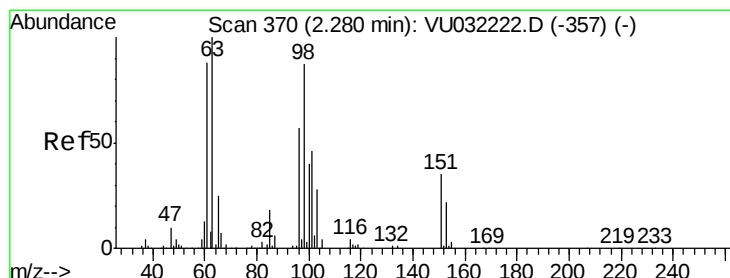
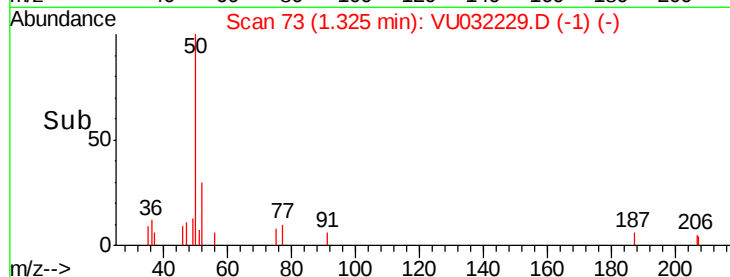
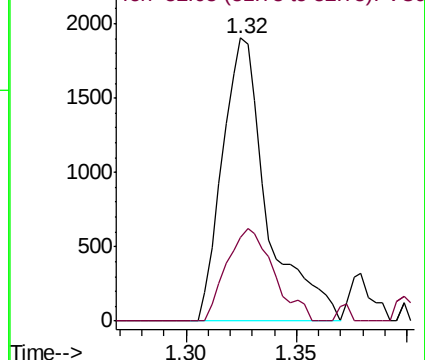
50 100

52 29.7 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#12

1,1-Dichloroethene

Concen: 0.118 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032229.D

Acq: 22 May 2019 17:58

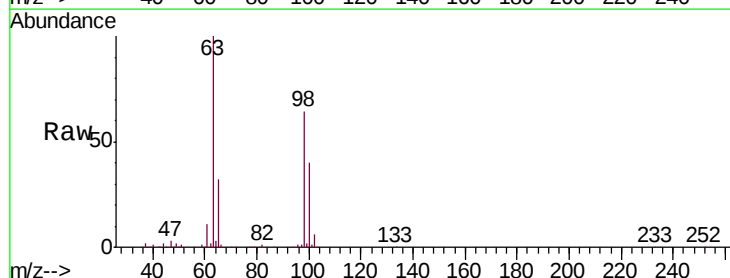
Tgt Ion: 96 Resp: 1613

Ion Ratio Lower Upper

96 100

61 1179.6 113.8 211.3#

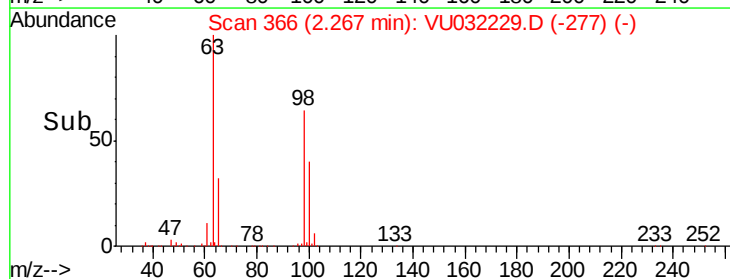
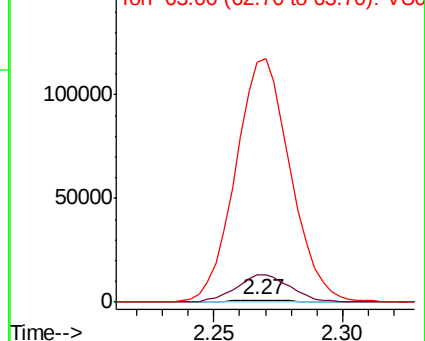
63 10258.3 108.8 202.2#

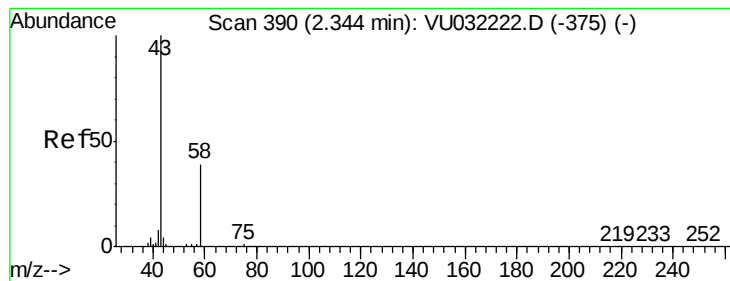


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.137 ug/L

RT: 2.34 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU032229.D

Acq: 22 May 2019 17:58

Instrument :

MSVOA_U

ClientSampleId :

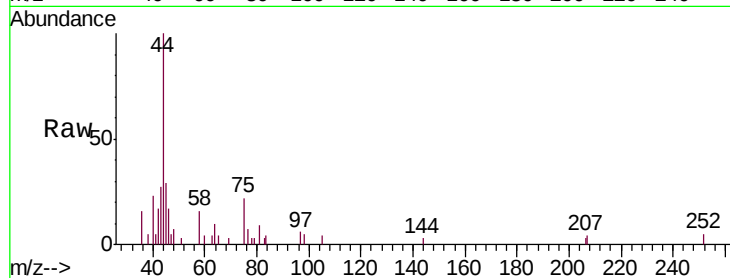
C0BN5DL

Tgt Ion: 43 Resp: 2135

Ion Ratio Lower Upper

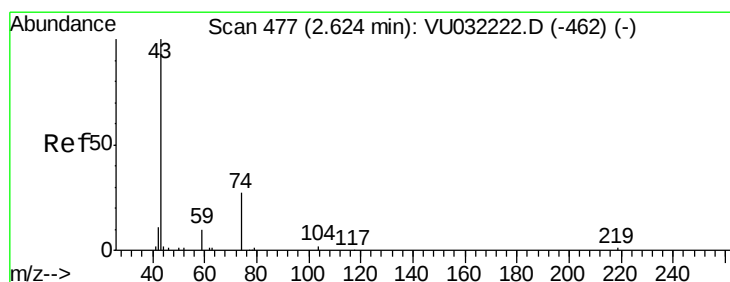
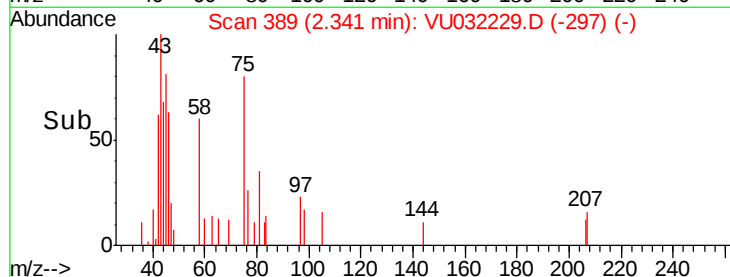
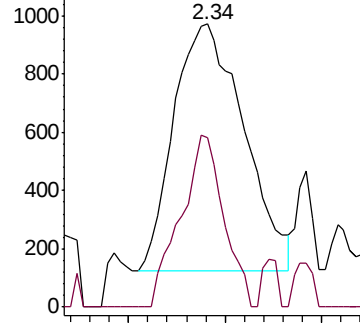
43 100

58 42.7 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 0.163 ug/L

RT: 2.62 min Scan# 475

Delta R.T. -0.01 min

Lab File: VU032229.D

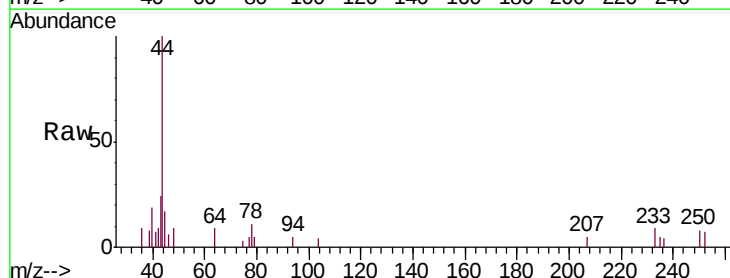
Acq: 22 May 2019 17:58

Tgt Ion: 43 Resp: 898

Ion Ratio Lower Upper

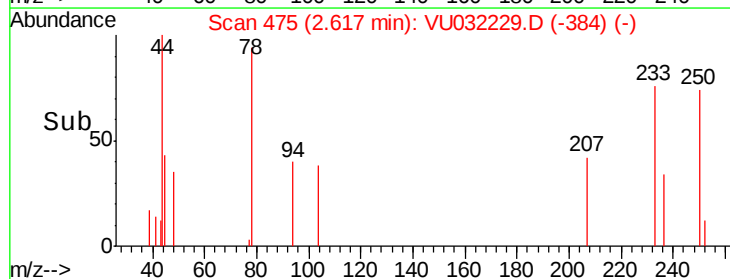
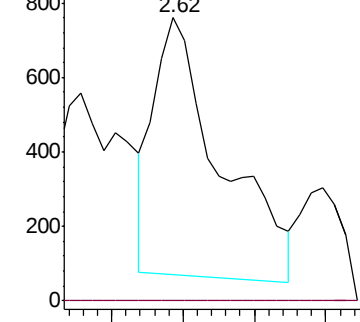
43 100

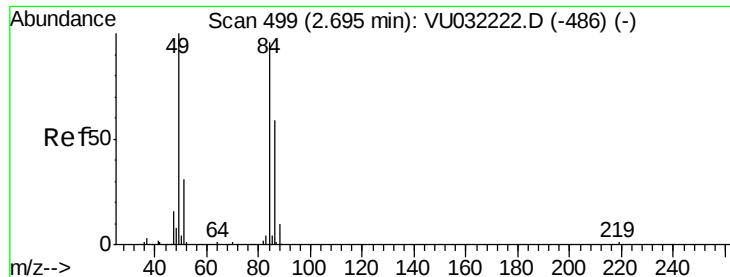
74 0.0 27.3 40.9#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

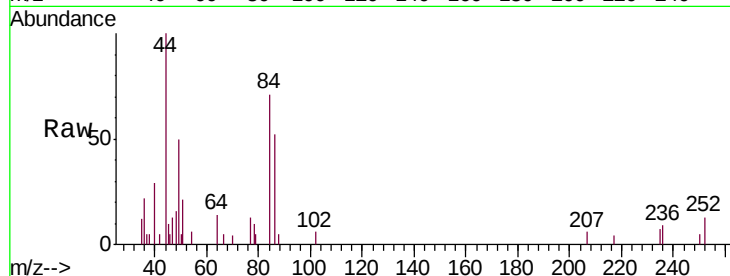




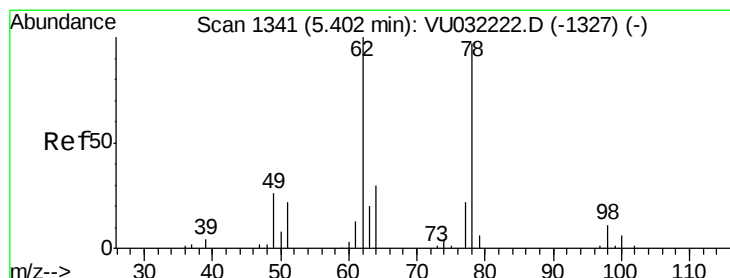
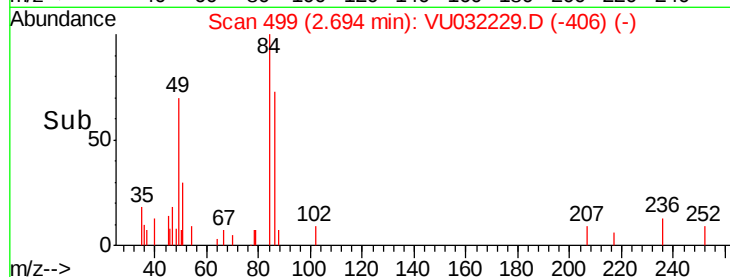
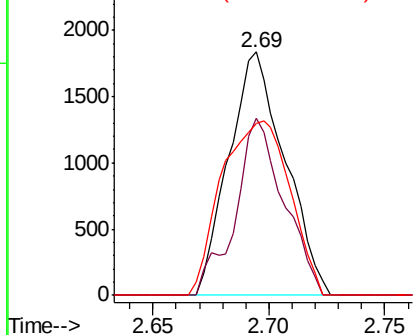
#16
Methylene chloride
Concen: 0.170 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU032229.D
Acq: 22 May 2019 17:58

Instrument :
MSVOA_U
ClientSampleId :
C0BN5DL

Tgt Ion: 84 Resp: 3089
Ion Ratio Lower Upper
84 100
86 72.6 43.6 81.0
49 70.5 71.1 132.1#

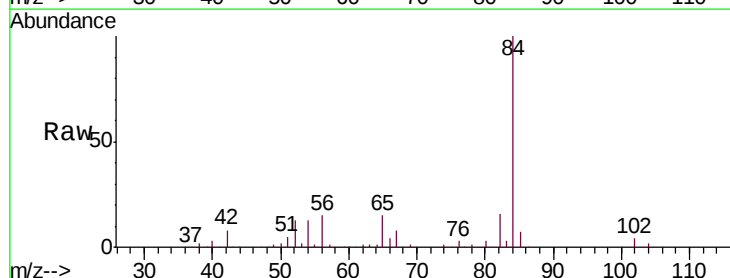


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

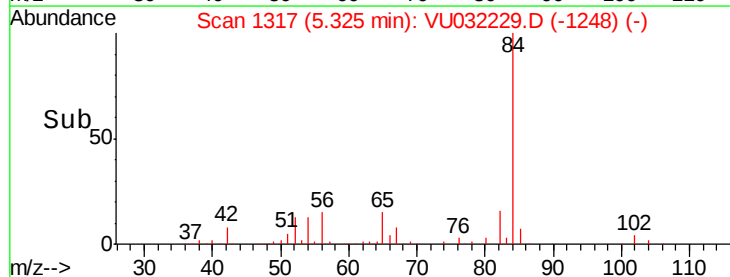
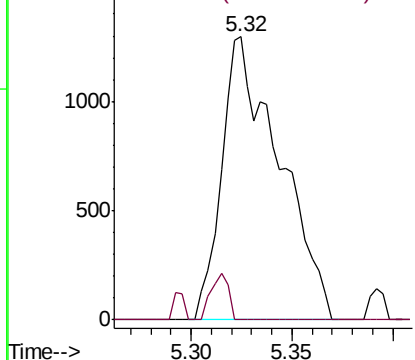


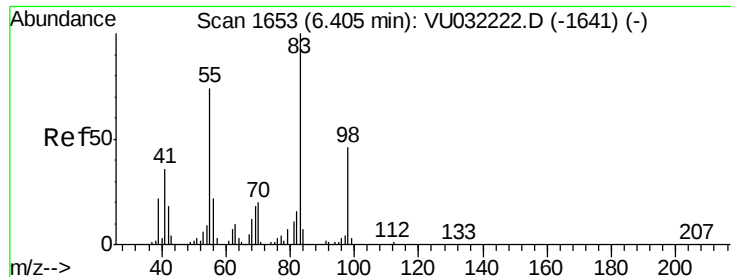
#27
1,2-Dichloroethane
Concen: 0.182 ug/L
RT: 5.32 min Scan# 1317
Delta R.T. -0.08 min
Lab File: VU032229.D
Acq: 22 May 2019 17:58

Tgt Ion: 62 Resp: 2579
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#



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

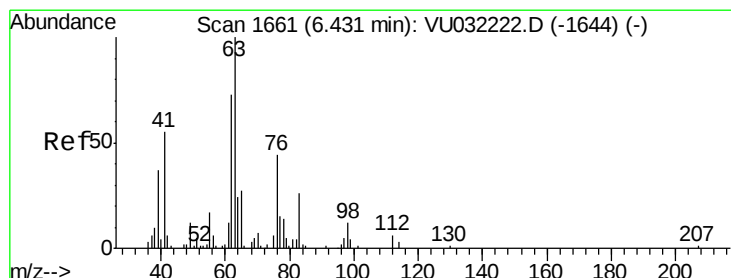
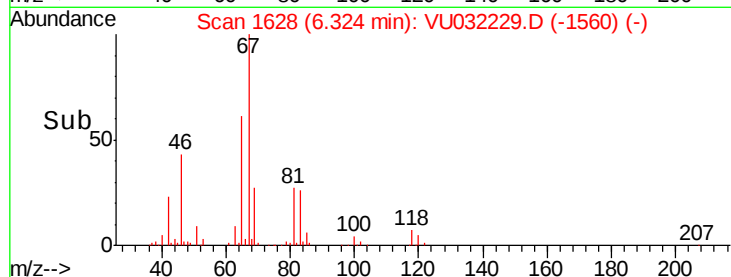
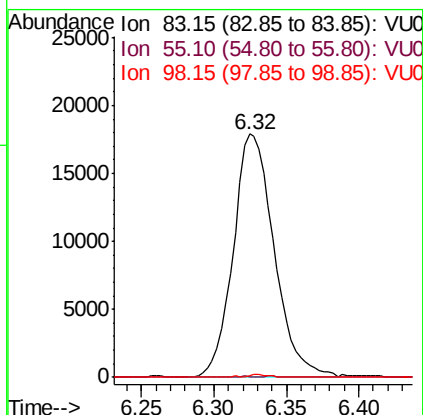
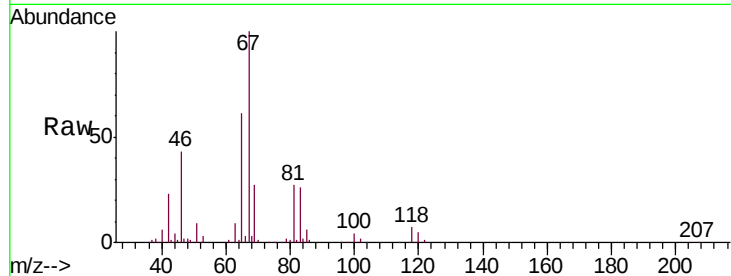




#35
Methylcyclohexane
Concen: 1.723 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032229.D
Acq: 22 May 2019 17:58

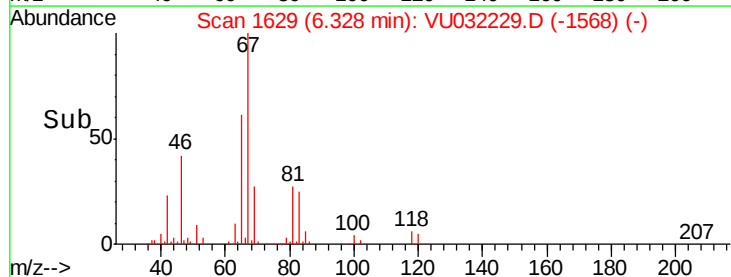
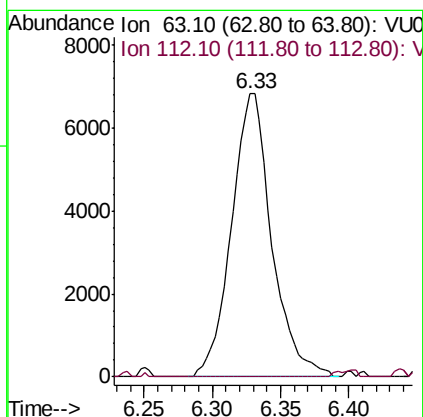
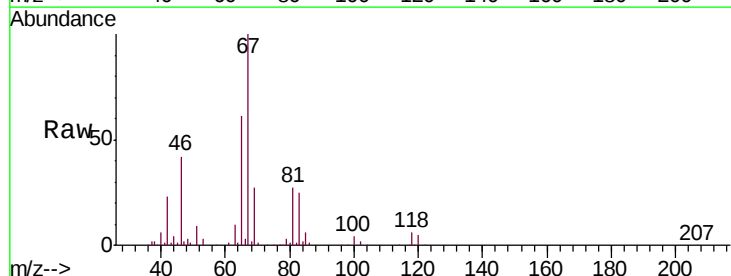
Instrument :
MSVOA_U
ClientSampleId :
C0BN5DL

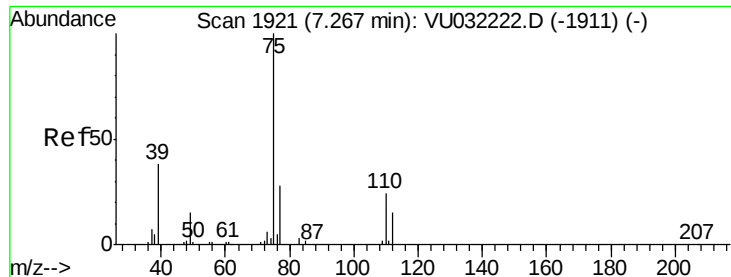
Tgt Ion: 83 Resp: 35063
Ion Ratio Lower Upper
83 100
55 0.1 59.7 89.5#
98 0.5 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 1.127 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032229.D
Acq: 22 May 2019 17:58

Tgt Ion: 63 Resp: 13964
Ion Ratio Lower Upper
63 100
112 1.1 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.162 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU032229.D

Acq: 22 May 2019 17:58

Instrument :

MSVOA_U

ClientSampleId :

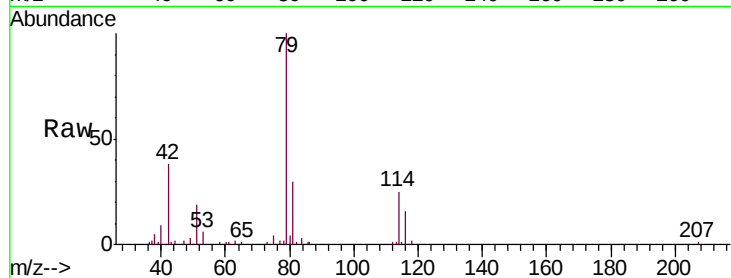
C0BN5DL

Tgt Ion: 75 Resp: 2861

Ion Ratio Lower Upper

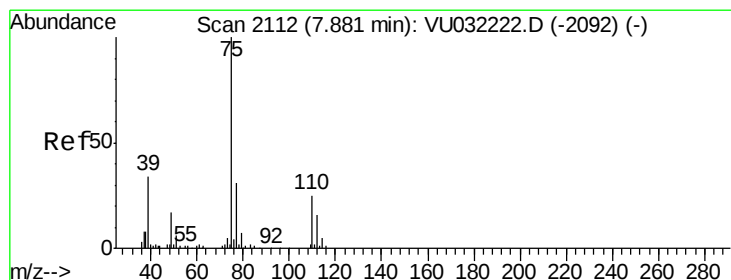
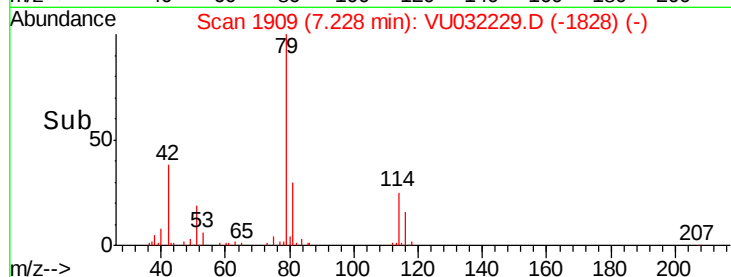
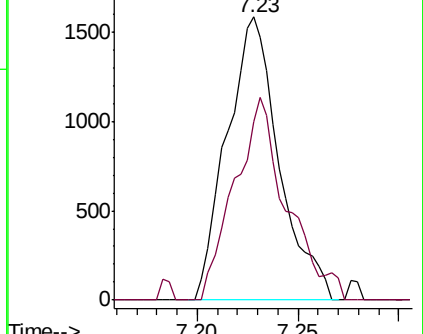
75 100

77 63.2 22.6 42.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.146 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU032229.D

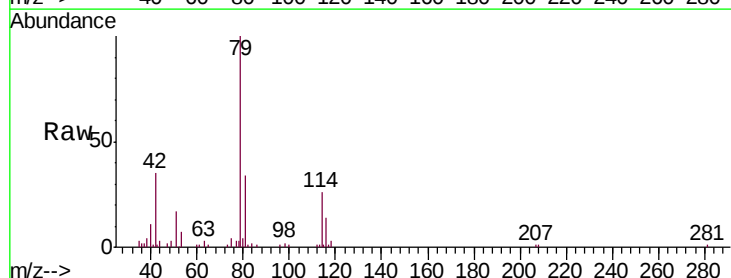
Acq: 22 May 2019 17:58

Tgt Ion: 75 Resp: 2024

Ion Ratio Lower Upper

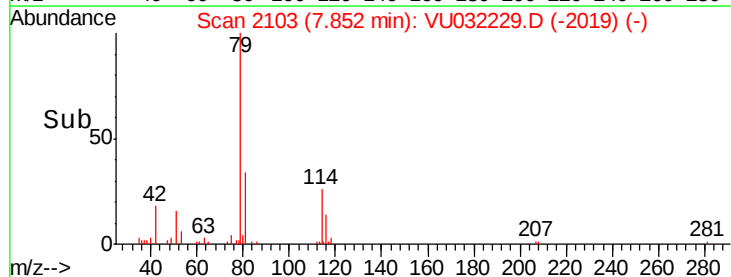
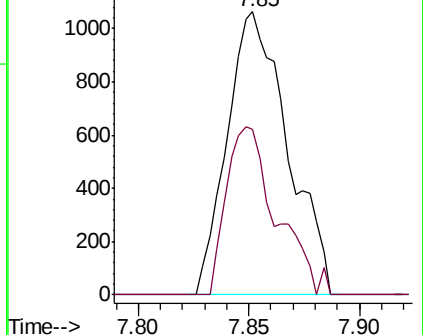
75 100

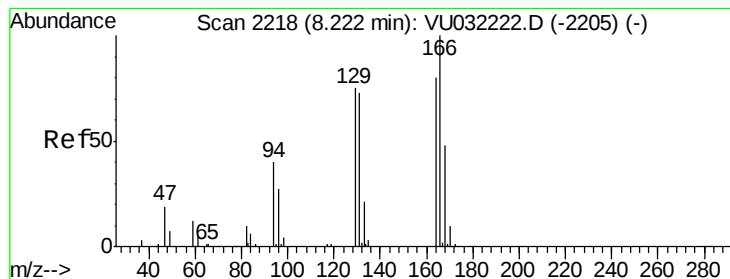
77 58.4 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0





#47

Tetrachloroethene

Concen: 8.900 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032229.D

Acq: 22 May 2019 17:58

Instrument :

MSVOA_U

ClientSampleId :

C0BN5DL

Tgt Ion:164 Resp: 101485

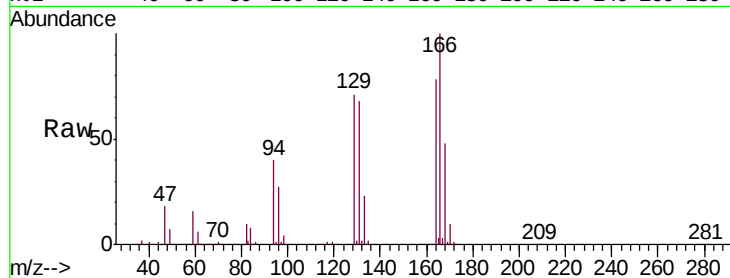
Ion Ratio Lower Upper

164 100

129 91.3 67.1 124.7

131 88.1 62.2 115.4

166 128.9 90.9 168.9

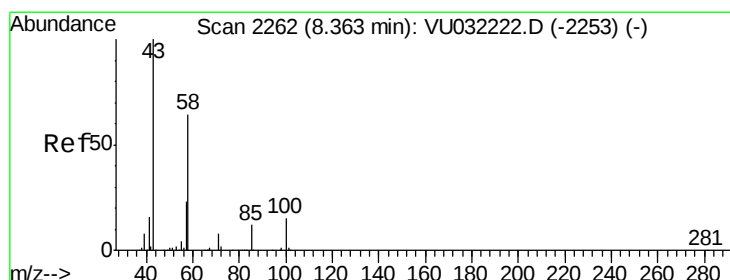
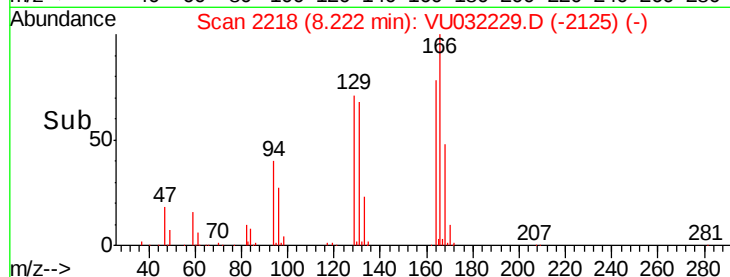
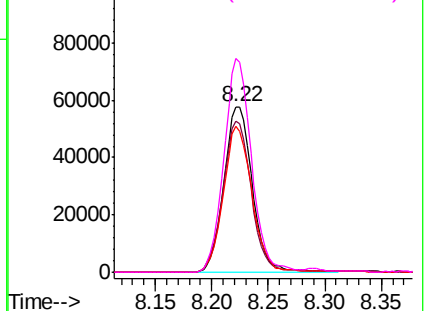


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.589 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU032229.D

Acq: 22 May 2019 17:58

Tgt Ion: 43 Resp: 7632

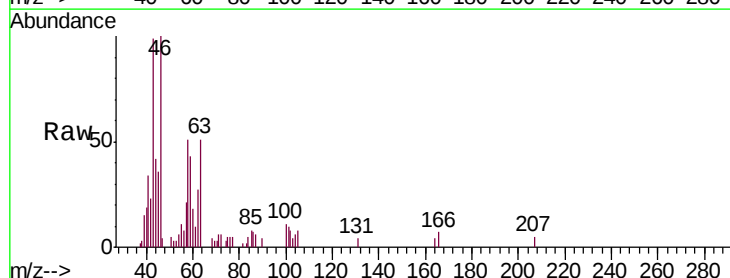
Ion Ratio Lower Upper

43 100

58 61.9 49.7 74.5

57 0.0 17.1 25.7#

100 9.0 11.6 17.4#

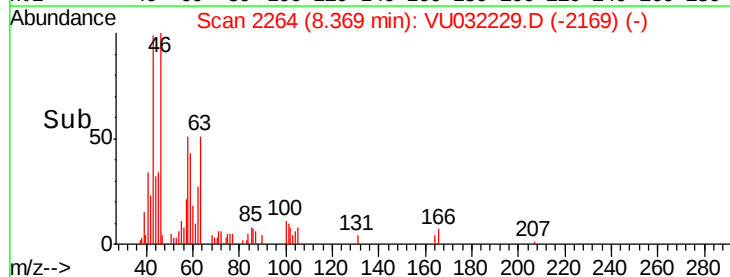
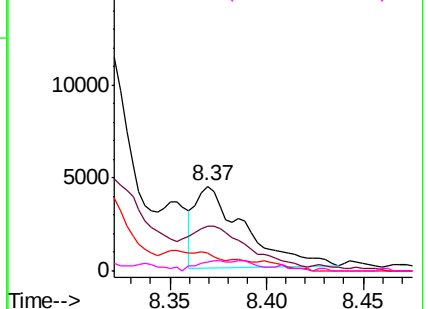


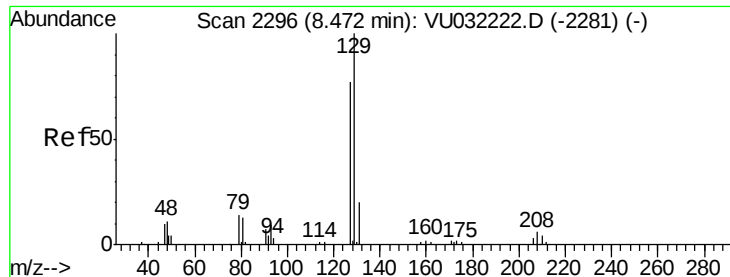
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 8.429 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU032229.D

Acq: 22 May 2019 17:58

Instrument :

MSVOA_U

ClientSampleId :

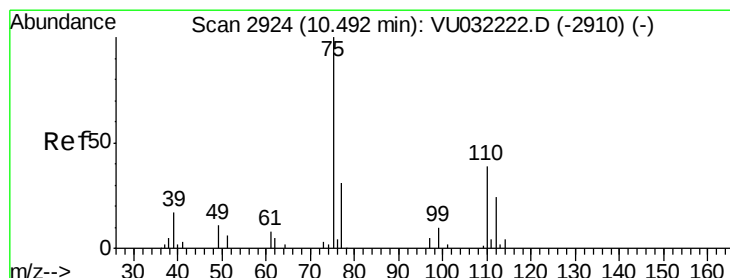
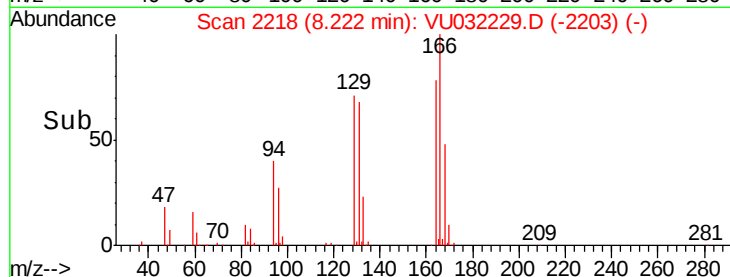
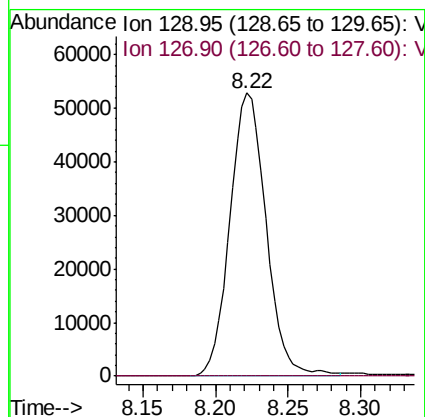
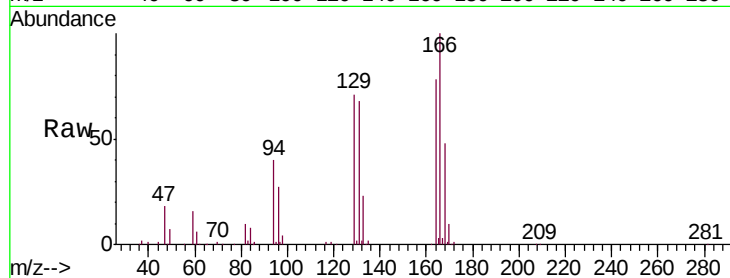
C0BN5DL

Tgt Ion:129 Resp: 91806

Ion Ratio Lower Upper

129 100

127 0.0 51.7 95.9#



#59

1,2,3-Trichloropropane

Concen: 2.005 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032229.D

Acq: 22 May 2019 17:58

Tgt Ion: 75 Resp: 16182

Ion Ratio Lower Upper

75 100

77 38.6 28.2 42.4

