

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032093.D
 Acq On : 17 May 2019 10:19
 Operator : JC/SP
 Sample : K2739-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB887

Quant Time: May 18 02:12:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 18 01:51:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	390811	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	406015	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	163231	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	138593	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.67	69	121610	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.27	63	191948	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.19	46	266322	41.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.42%
24) Chloroform-d	4.64	84	248455	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.31	65	123133	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
32) Benzene-d6	5.33	84	517370	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.33	67	148064	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.80%
41) Toluene-d8	7.56	98	432452	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	7.85	79	48660	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.31	63	228885	38.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	128619	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	155480	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

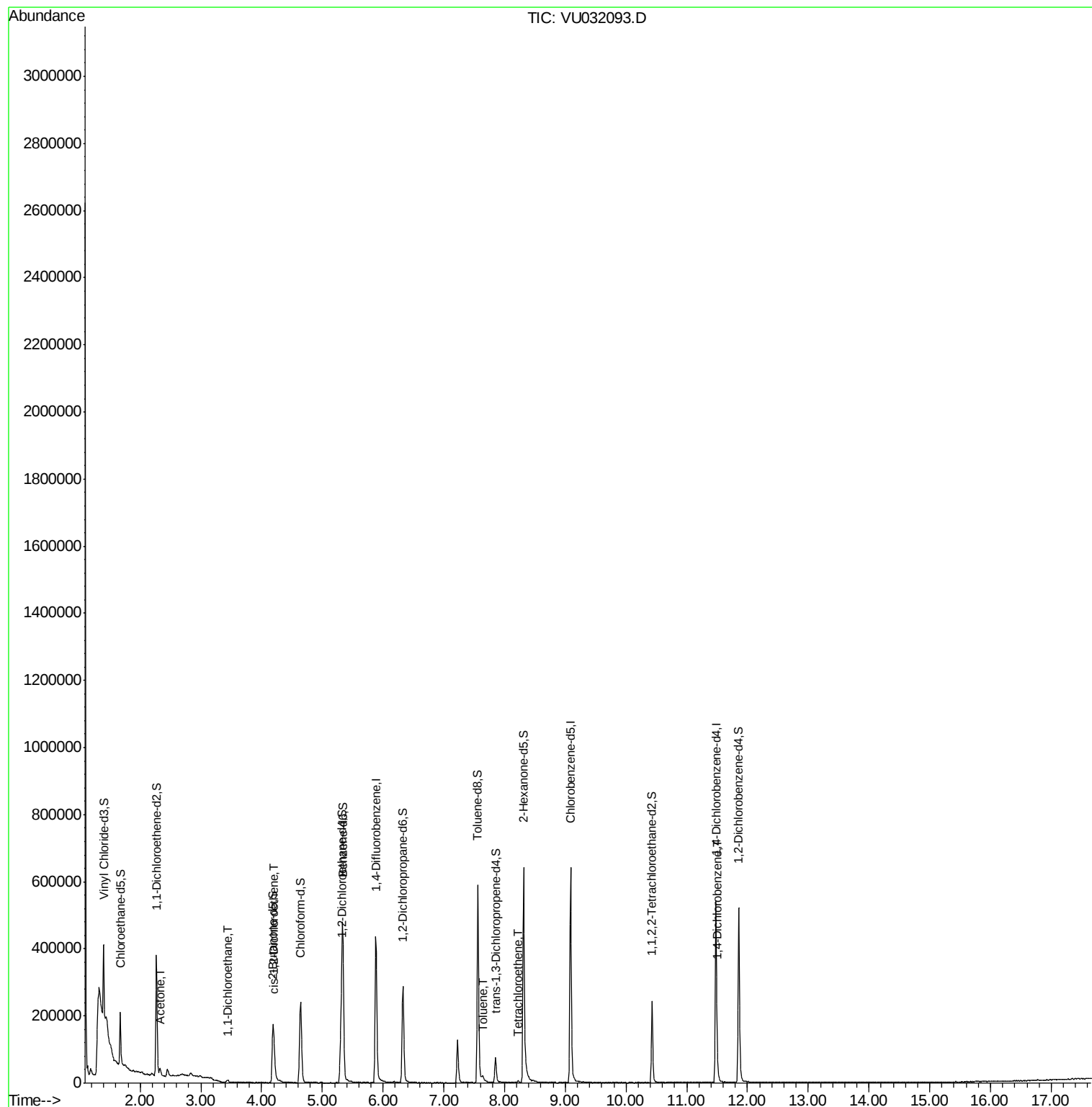
					Ovalue
13) Acetone	2.32	43	14016	6.606	ug/L 98
19) 1,1-Dichloroethane	3.44	63	6446	0.242	ug/L # 87
22) cis-1,2-Dichloroethene	4.21	96	4459	0.270	ug/L # 61
42) Toluene	7.64	91	11125	0.170	ug/L 93
47) Tetrachloroethene	8.22	164	1441	0.114	ug/L # 69
63) 1,4-Dichlorobenzene	11.50	146	5535	0.204	ug/L 89

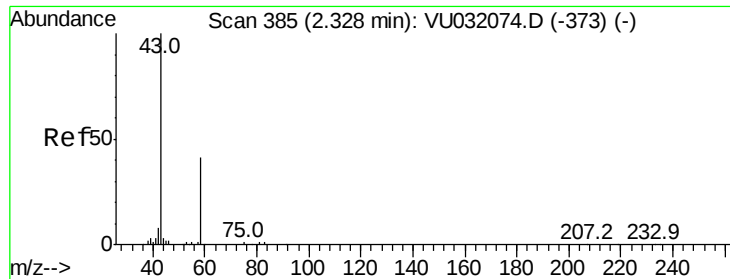
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
Data File : VU032093.D
Acq On : 17 May 2019 10:19
Operator : JC/SP
Sample : K2739-11
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 56 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB887

Quant Time: May 18 02:12:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 01:51:41 2019
Response via : Initial Calibration





#13

Acetone

Concen: 6.606 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.01 min

Lab File: VU032093.D

Acq: 17 May 2019 10:19

Instrument :

MSVOA_U

ClientSampleId :

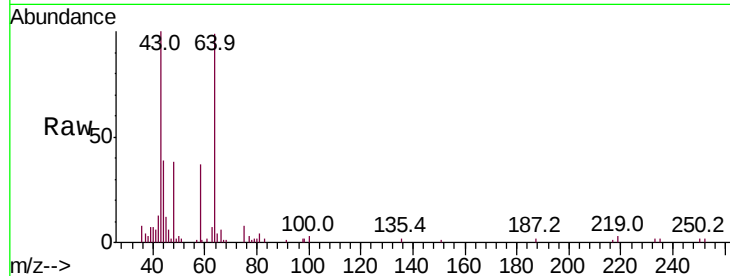
DB887

Tot Ion: 43 Resp: 14016

Ion Ratio Lower Upper

43 100

58 40.9 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032074.D (-373) (-)

Ion 58.05 (57.75 to 58.75): VU032074.D (-373) (-)

2.32

10000

8000

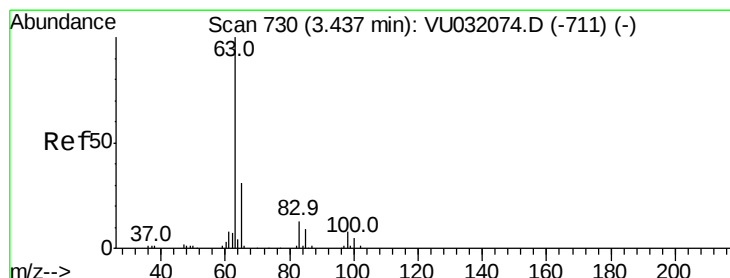
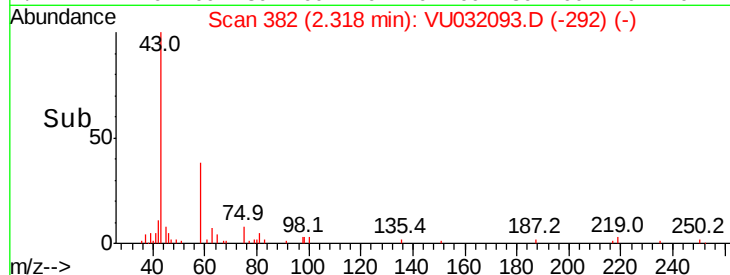
6000

4000

2000

0

Time--> 2.25 2.30 2.35



#19

1,1-Dichloroethane

Concen: 0.242 ug/L

RT: 3.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU032093.D

Acq: 17 May 2019 10:19

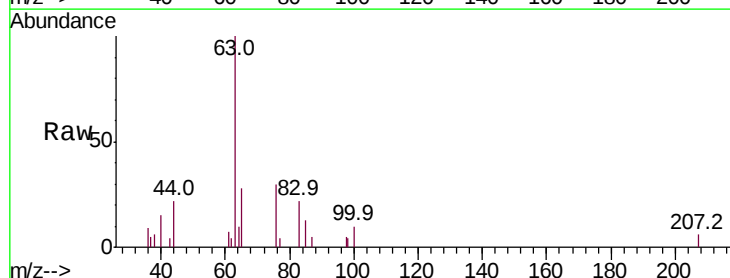
Tgt Ion: 63 Resp: 6446

Ion Ratio Lower Upper

63 100

65 27.7 23.0 42.6

83 22.4 9.3 17.3#



Abundance Ion 63.10 (62.80 to 63.80): VU032074.D (-711) (-)

Ion 65.10 (64.80 to 65.80): VU032074.D (-711) (-)

Ion 83.05 (82.75 to 83.75): VU032074.D (-711) (-)

3.44

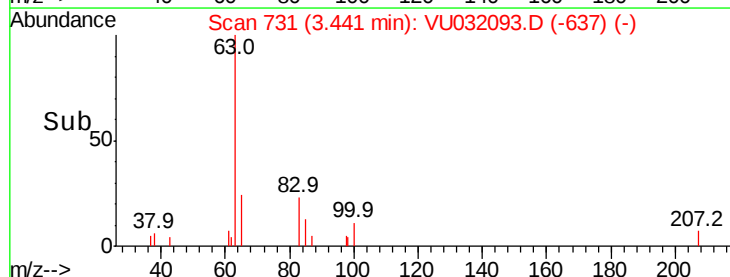
3000

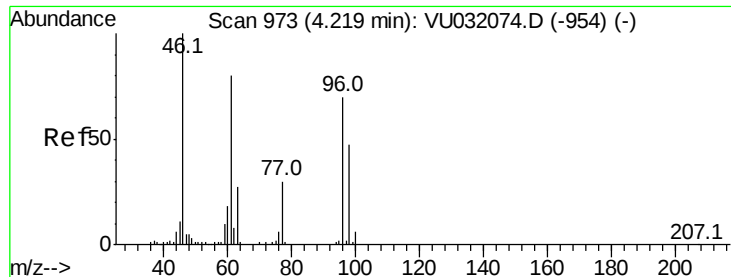
2000

1000

0

Time--> 3.35 3.40 3.45 3.50



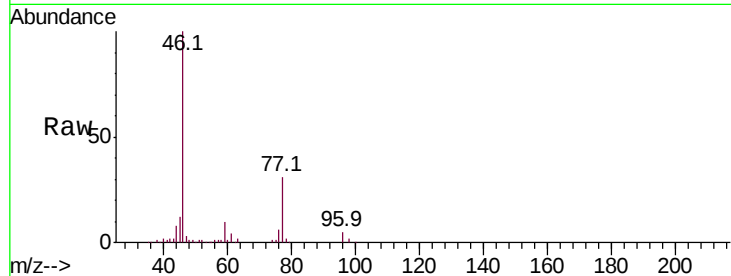


#22

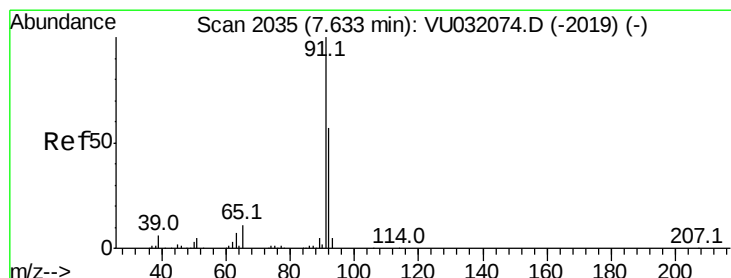
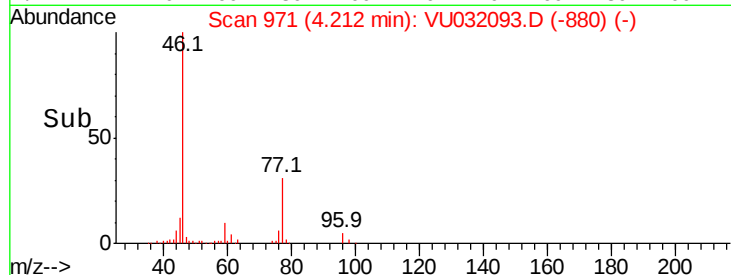
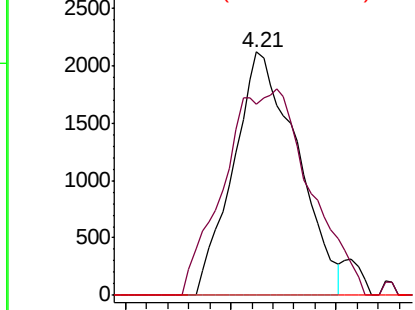
cis-1,2-Dichloroethene
 Concen: 0.270 ug/L
 RT: 4.21 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: VU032093.D
 Acq: 17 May 2019 10:19

Instrument :
 MSVOA_U
 ClientSampleID :
 DB887

Tot Ion: 96 Resp: 4459
 Ion Ratio Lower Upper
 96 100
 61 78.6 85.8 159.4#
 68 0.0 0.0 0.0



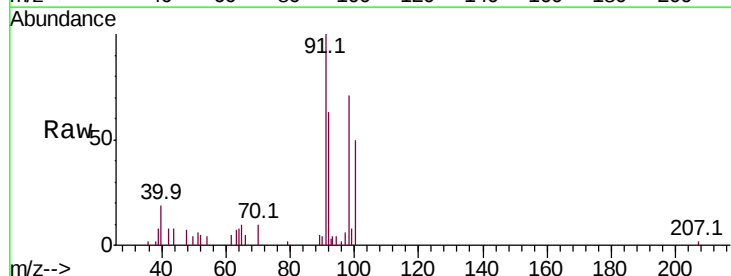
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



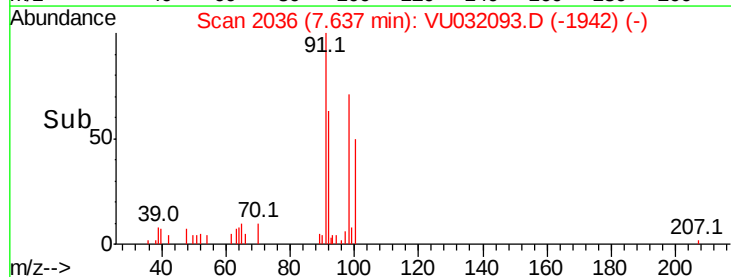
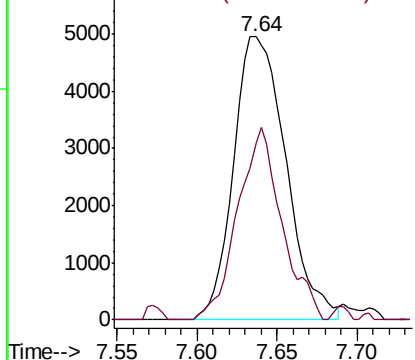
#42

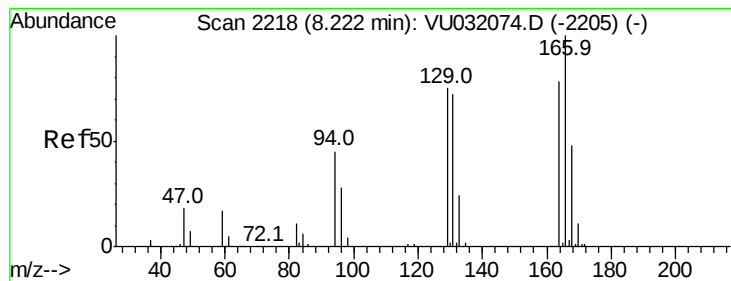
Toluene
 Concen: 0.170 ug/L
 RT: 7.64 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VU032093.D
 Acq: 17 May 2019 10:19

Tgt Ion: 91 Resp: 11125
 Ion Ratio Lower Upper
 91 100
 92 62.6 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0





#47

Tetrachloroethene

Concen: 0.114 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032093.D

Acq: 17 May 2019 10:19

Instrument :

MSVOA_U

ClientSampleId :

DB887

Tot Ion:164 Resp: 1441

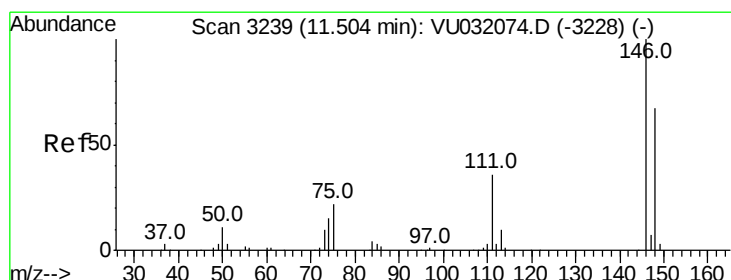
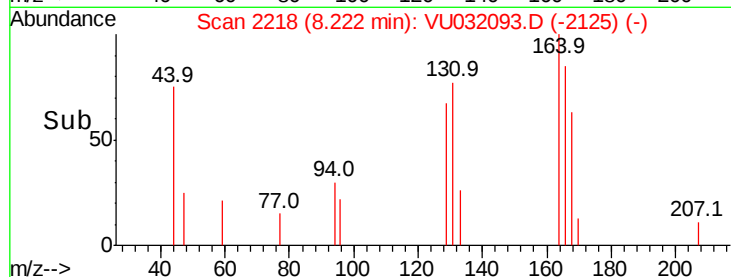
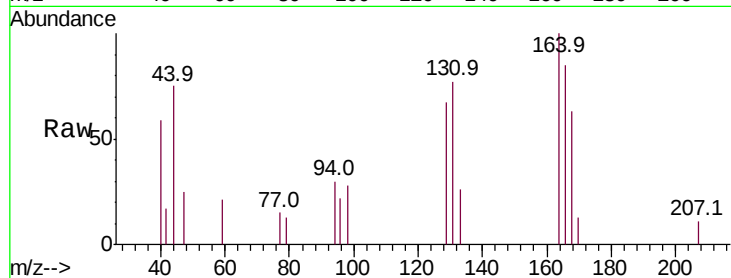
Ion Ratio Lower Upper

164 100

129 67.2 70.3 130.5#

131 77.1 64.5 119.9

166 85.3 92.3 171.5#



#63

1,4-Dichlorobenzene

Concen: 0.204 ug/L

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU032093.D

Acq: 17 May 2019 10:19

Tgt Ion:146 Resp: 5535

Ion Ratio Lower Upper

146 100

111 46.7 27.1 50.3

148 72.0 45.4 84.4

