

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032948.D
 Acq On : 21 Jun 2019 16:47
 Operator : JC/SP
 Sample : K3469-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-2-8.0-062019

Quant Time: Jun 22 01:55:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 00:32:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	193744	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	188192	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89393	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	58660	44.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.60%
7) Chloroethane-d5	1.68	69	45516	43.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.26	63	82685	31.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.00%
21) 2-Butanone-d5	4.17	46	124762	113.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.21%
24) Chloroform-d	4.64	84	117319	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.16%
26) 1,2-Dichloroethane-d4	5.30	65	82504	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.24%
32) Benzene-d6	5.33	84	221159	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.16%
36) 1,2-Dichloropropane-d6	6.33	67	74702	47.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.60%
41) Toluene-d8	7.56	98	195294	42.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.02%
43) trans-1,3-Dichloropropene-	7.85	79	36029	44.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.64%
47) 2-Hexanone-d5	8.31	63	74031	101.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.45%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	116405	48.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	84769	49.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

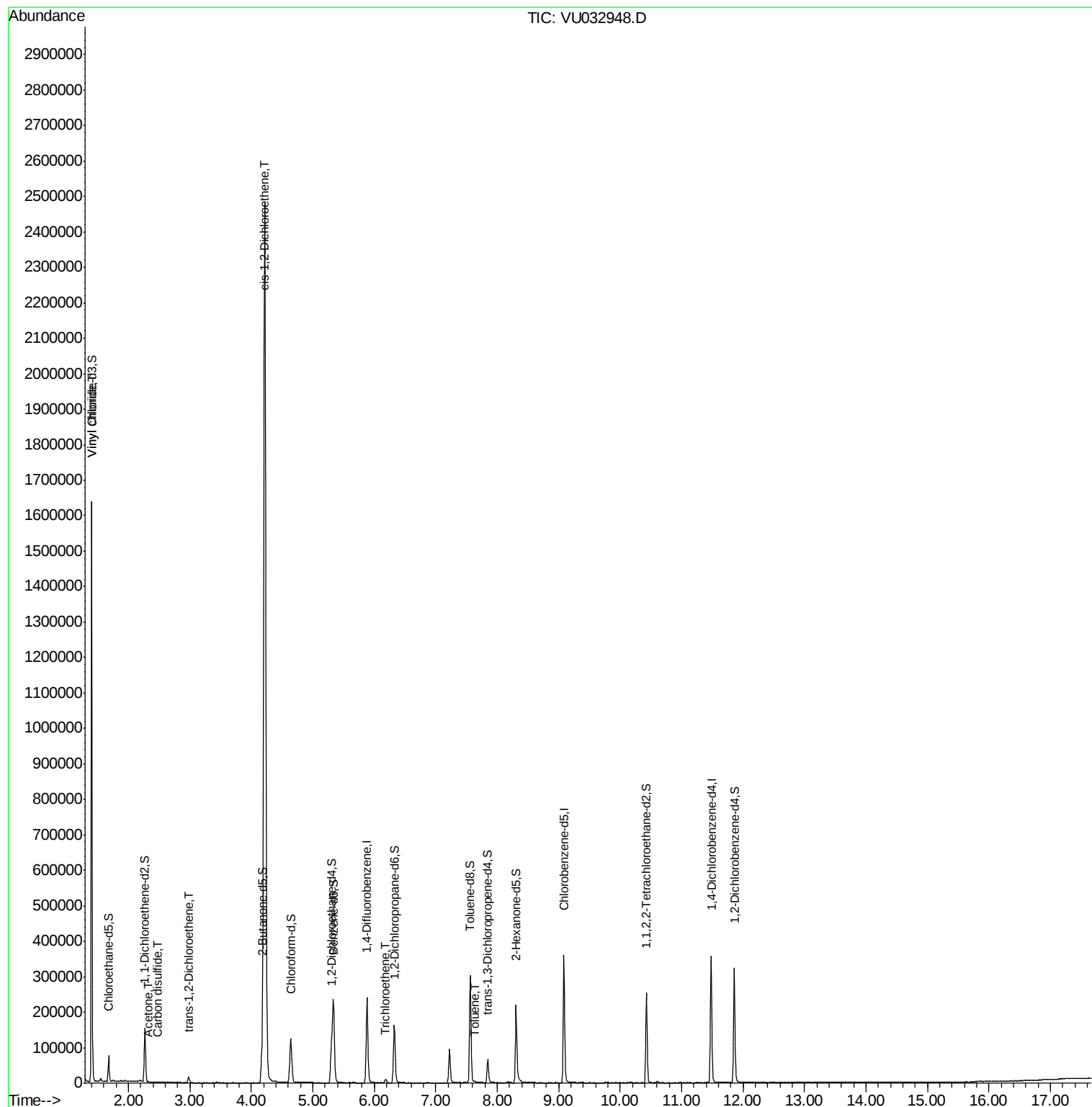
					Ovalue
5) Vinyl chloride	1.40	62	888741	505.151	ug/L 99
13) Acetone	2.32	43	1486	0.976	ug/L 77
14) Carbon disulfide	2.47	76	2357	0.611	ug/L # 88
17) trans-1,2-Dichloroethene	2.97	96	6190	4.679	ug/L 97
20) cis-1,2-Dichloroethene	4.22	96	1304821	905.289	ug/L 93
34) Trichloroethene	6.18	95	3058	2.111	ug/L 94
42) Toluene	7.64	91	2801	0.478	ug/L 100

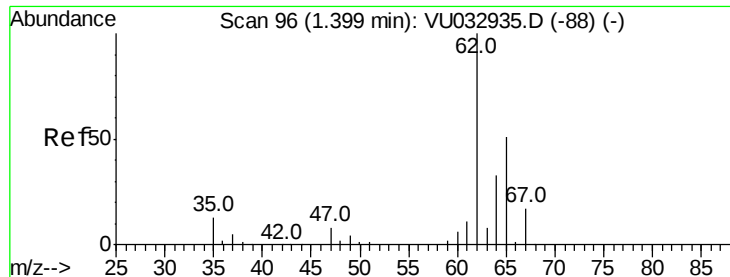
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 505.151 ug/L

RT: 1.40 min Scan# 34

Delta R.T. 0.00 min

Lab File: VU032948.D

Acq: 21 Jun 2019 16:47

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ClientSampleId :

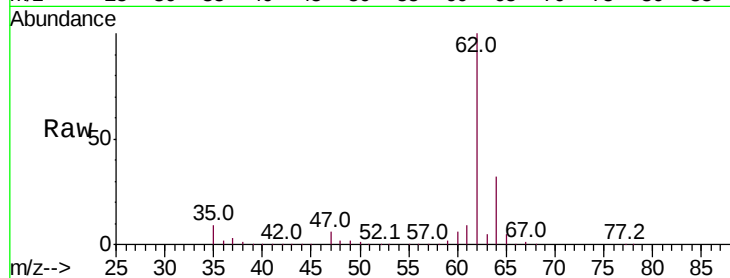
T11-MW-2-8.0-062019

Tot Ion: 62 Resp: 888741

Ion Ratio Lower Upper

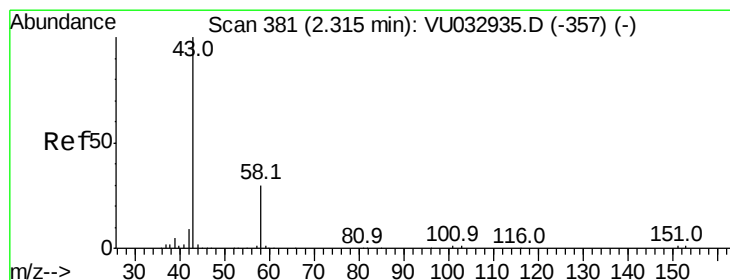
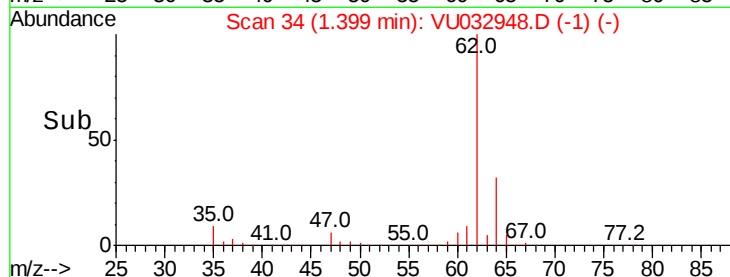
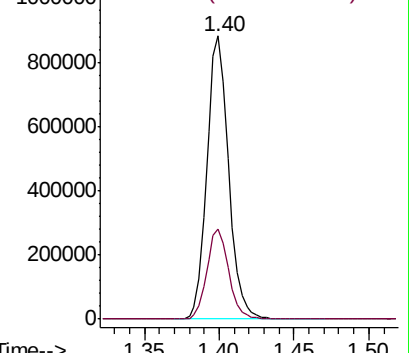
62 100

64 32.0 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#13

Acetone

Concen: 0.976 ug/L

RT: 2.32 min Scan# 320

Delta R.T. 0.00 min

Lab File: VU032948.D

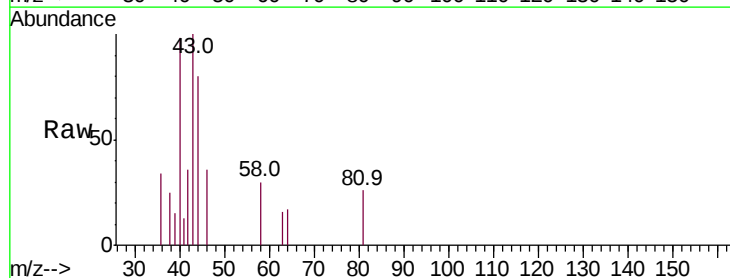
Acq: 21 Jun 2019 16:47

Tgt Ion: 43 Resp: 1486

Ion Ratio Lower Upper

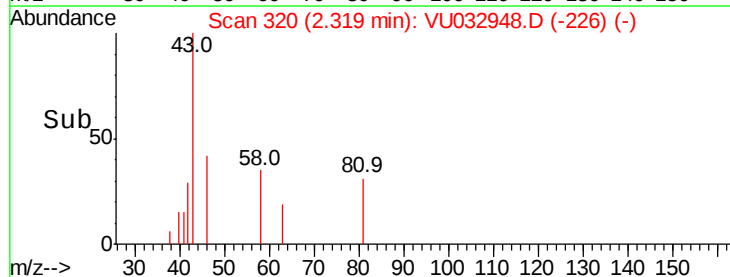
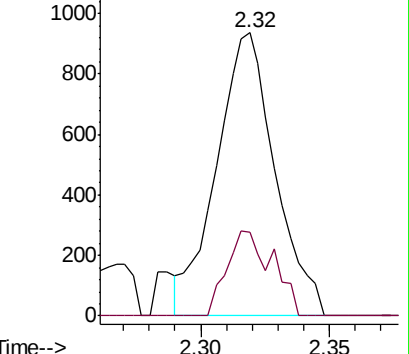
43 100

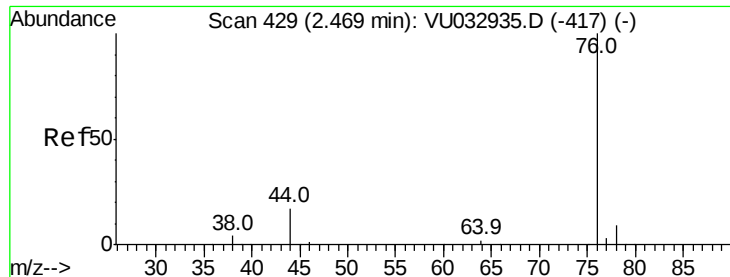
58 17.6 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#14

Carbon disulfide

Concen: 0.611 ug/L

RT: 2.47 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU032948.D

Acq: 21 Jun 2019 16:47

Instrument :

MSVOA_U

ClientSampleId :

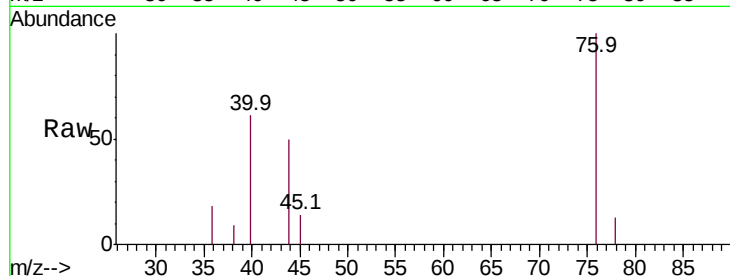
T11-MW-2-8.0-062019

Tot Ion: 76 Resp: 2357

Ion Ratio Lower Upper

76 100

78 13.5 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VU032935.D (-417) (-)

Ion 78.00 (77.70 to 78.70): VU032935.D (-417) (-)

2.47

1500

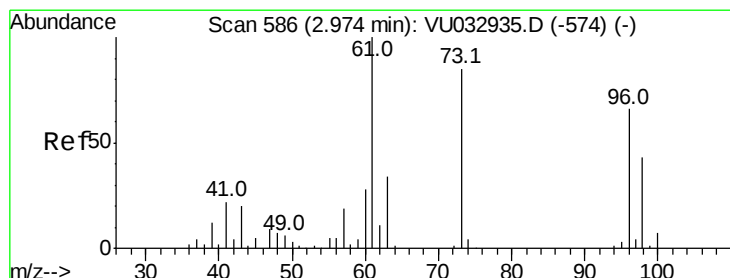
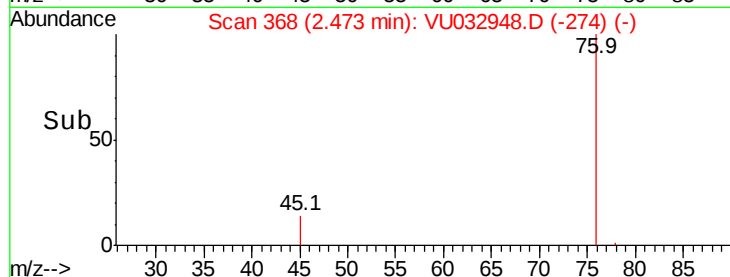
1000

500

0

2.45 2.50

Time-->



#17

trans-1,2-Dichloroethene

Concen: 4.679 ug/L

RT: 2.97 min Scan# 524

Delta R.T. 0.00 min

Lab File: VU032948.D

Acq: 21 Jun 2019 16:47

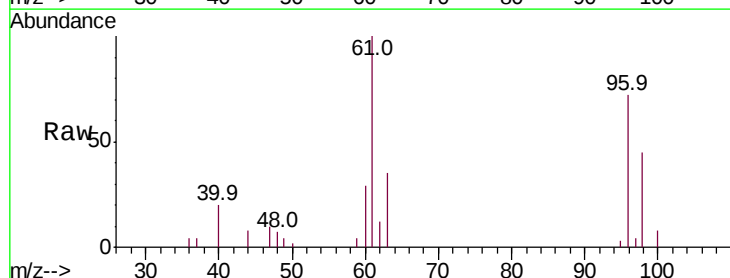
Tgt Ion: 96 Resp: 6190

Ion Ratio Lower Upper

96 100

61 138.8 100.9 187.5

98 62.5 44.0 81.8



Abundance Ion 96.00 (95.70 to 96.70): VU032935.D (-574) (-)

Ion 61.00 (60.70 to 61.70): VU032935.D (-574) (-)

Ion 98.00 (97.70 to 98.70): VU032935.D (-574) (-)

6000

5000

4000

3000

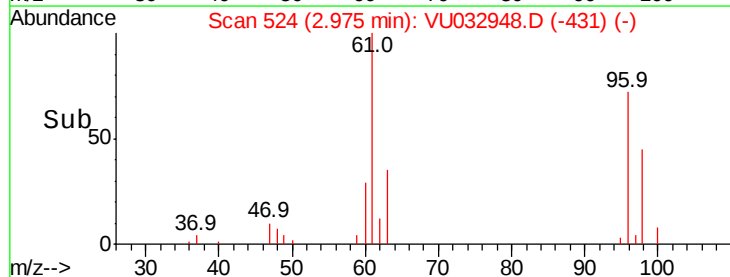
2000

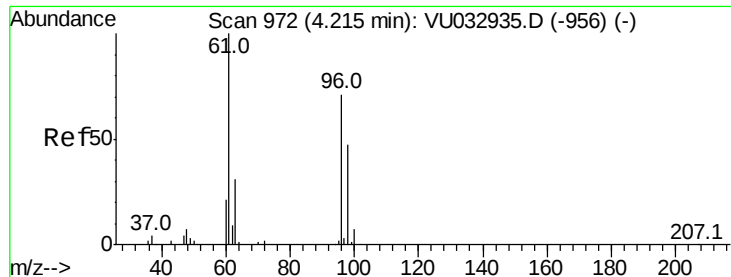
1000

0

2.95 3.00

Time-->

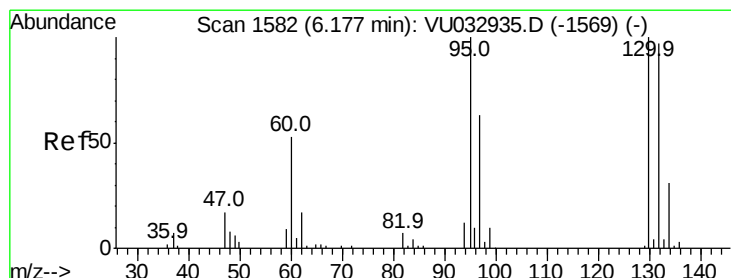
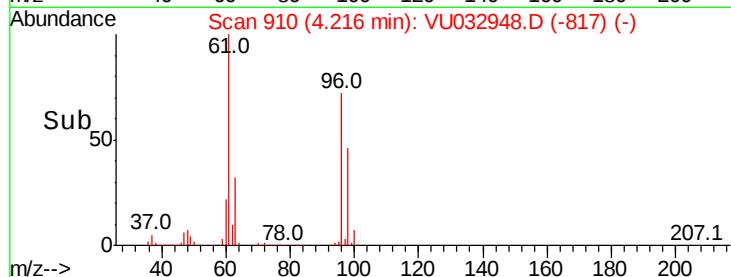
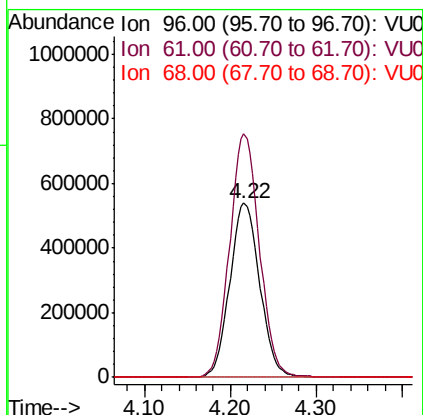
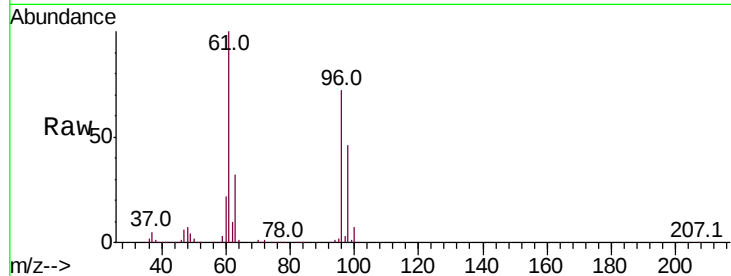




#20
cis-1,2-Dichloroethene
Concen: 905.289 ug/L
RT: 4.22 min Scan# 910
Delta R.T. 0.00 min
Lab File: VU032948.D
Acq: 21 Jun 2019 16:47

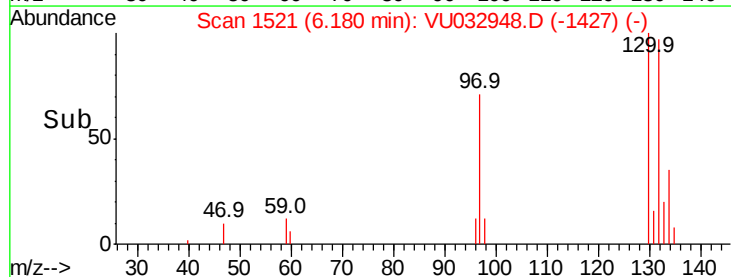
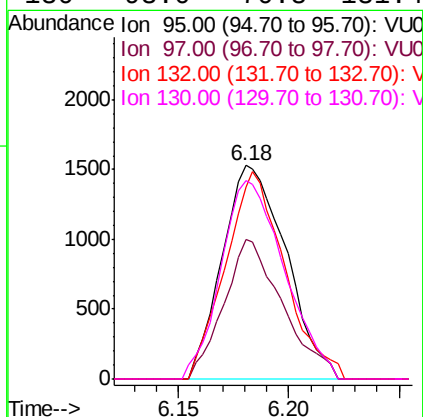
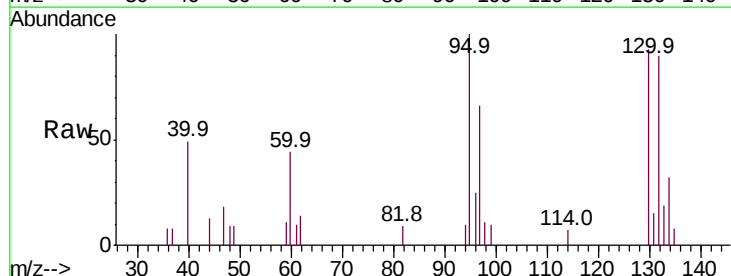
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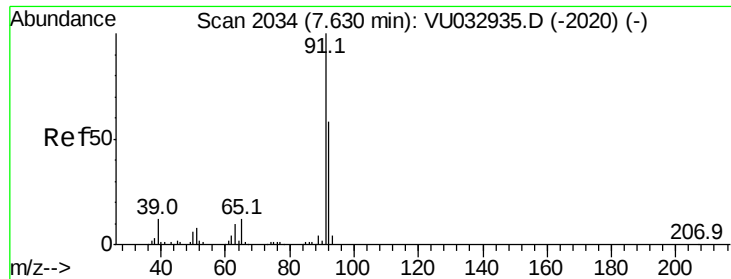
Tot Ion: 96 Resp: 1304821
Ion Ratio Lower Upper
96 100
61 139.8 92.4 171.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 2.111 ug/L
RT: 6.18 min Scan# 1521
Delta R.T. 0.00 min
Lab File: VU032948.D
Acq: 21 Jun 2019 16:47

Tgt Ion: 95 Resp: 3058
Ion Ratio Lower Upper
95 100
97 65.6 45.9 85.3
132 90.1 68.5 127.3
130 93.0 70.8 131.4





#42

Toluene

Concen: 0.478 ug/L

RT: 7.64 min Scan# 1974

Delta R.T. 0.01 min

Lab File: VU032948.D

Acq: 21 Jun 2019 16:47

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-2-8.0-062019

Tot Ion: 91 Resp: 2801

Ion Ratio Lower Upper

91 100

92 57.5 40.4 75.0

