

Data File : VU032442.D
Acq On : 04 Jun 2019 21:13
Operator : JC/SP
Sample : K3081-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALE4

Quant Time: Jun 04 23:10:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 04 22:54:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	94174	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	88787	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45096	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	32391	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.67	69	27075	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.27	63	48592	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.18	46	96694	56.59	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.18%
24) Chloroform-d	4.64	84	60178	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.31	65	33606	5.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.40%
32) Benzene-d6	5.33	84	123475	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.32	67	38568	5.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.40%
41) Toluene-d8	7.56	98	114892	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
43) trans-1,3-Dichloropropene-	7.85	79	15961	5.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.80%
46) 2-Hexanone-d5	8.31	63	80594	55.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32825	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	47813	5.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.80%

Target Compounds

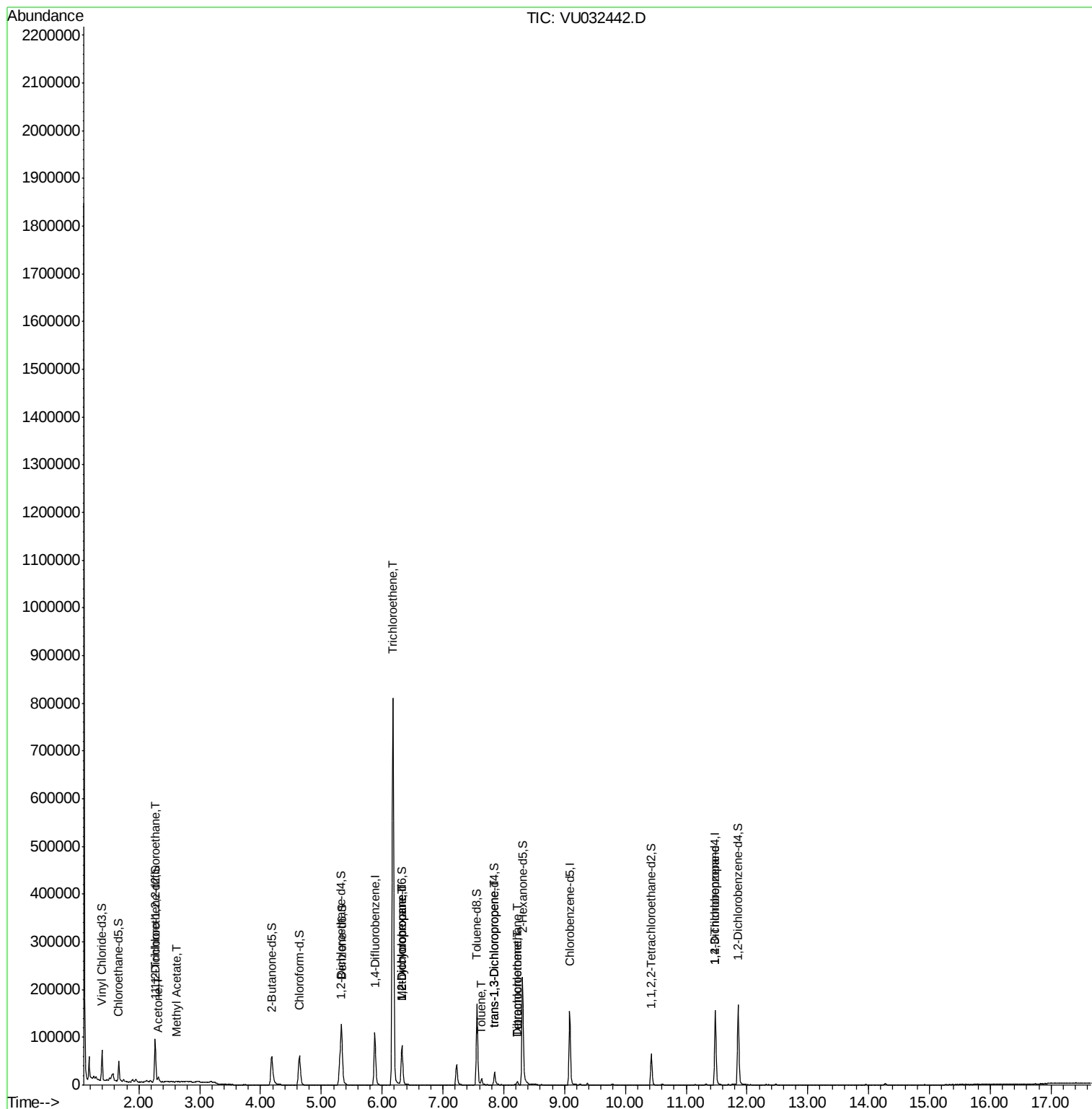
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	2331	0.372 ug/L	85
13) Acetone	2.32	43	8531	6.432 ug/L	99
15) Methyl Acetate	2.61	43	485	0.133 ug/L #	53
34) Trichloroethene	6.18	95	271398	36.043 ug/L	99
35) Methylcyclohexane	6.32	83	8795	0.726 ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4078	0.602 ug/L #	89
42) Toluene	7.64	91	9974	0.342 ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	687	0.083 ug/L #	81
47) Tetrachloroethene	8.22	164	1807	0.305 ug/L	81
49) Dibromochloromethane	8.22	129	1577	0.250 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	4976	1.119 ug/L	90

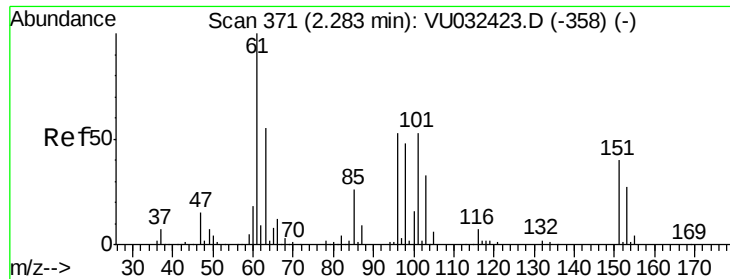
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.372 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU032442.D

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Instrument :

MSVOA_U

ClientSampleId :

GALE4

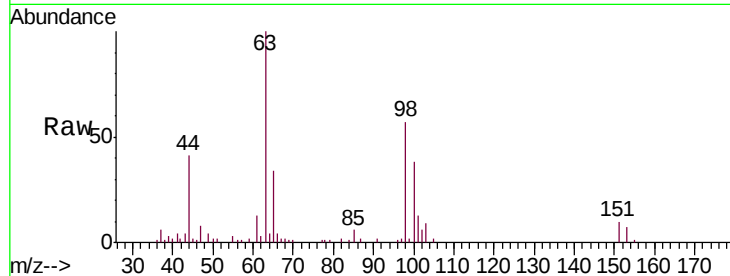
Tgt Ion:101 Resp: 2331

Ion Ratio Lower Upper

101 100

85 39.5 38.9 58.3

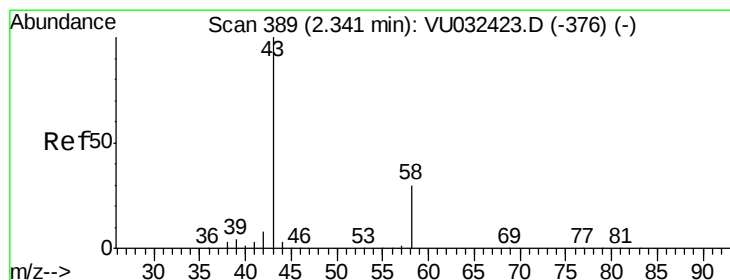
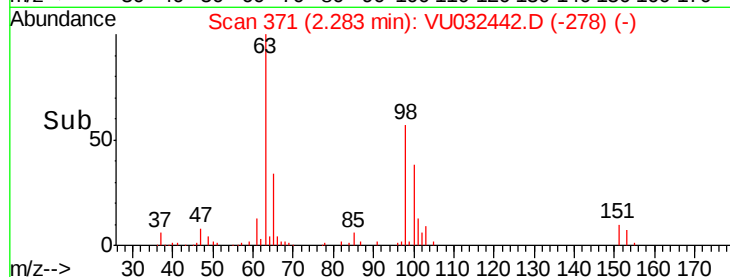
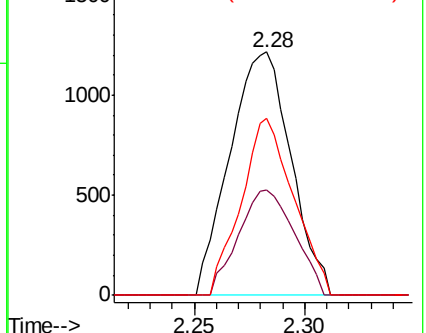
151 62.5 61.0 91.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 6.432 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.02 min

Lab File: VU032442.D

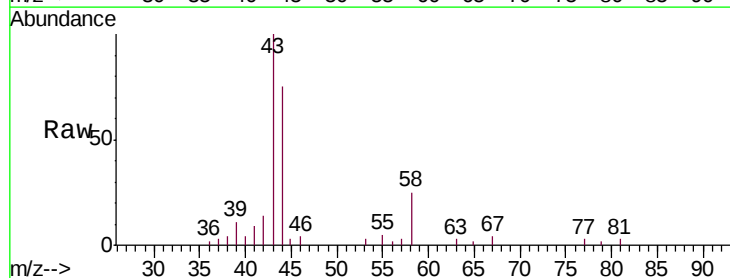
Acq: 04 Jun 2019 21:13

Tgt Ion: 43 Resp: 8531

Ion Ratio Lower Upper

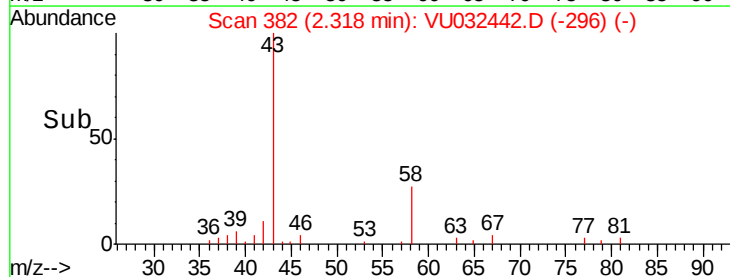
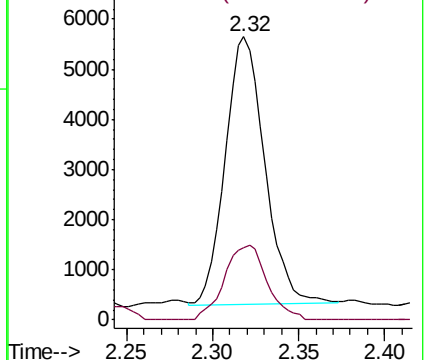
43 100

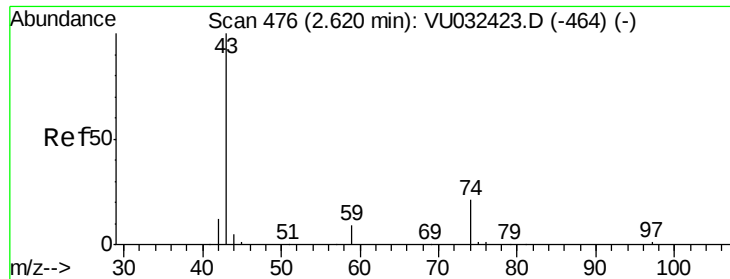
58 30.1 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

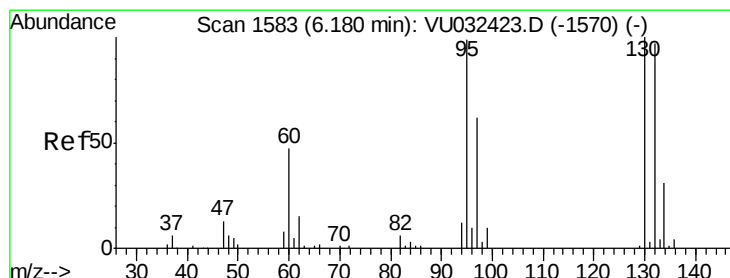
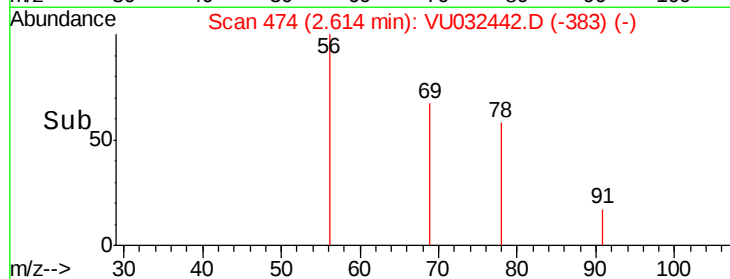
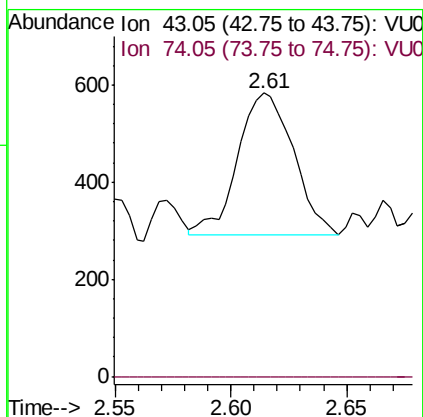
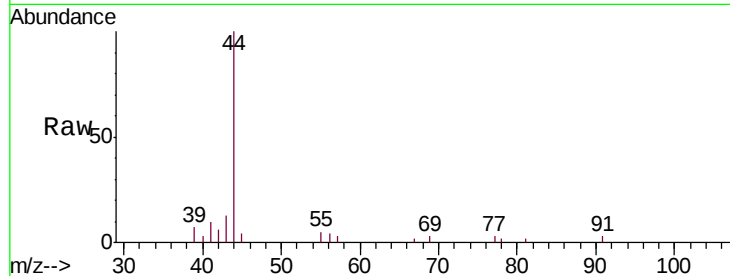




#15
Methyl Acetate
Concen: 0.133 ug/L
RT: 2.61 min Scan# 474
Delta R.T. -0.01 min
Lab File: VU032442.D
Acq: 04 Jun 2019 21:13

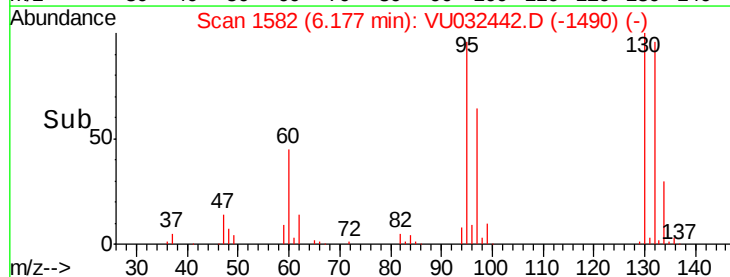
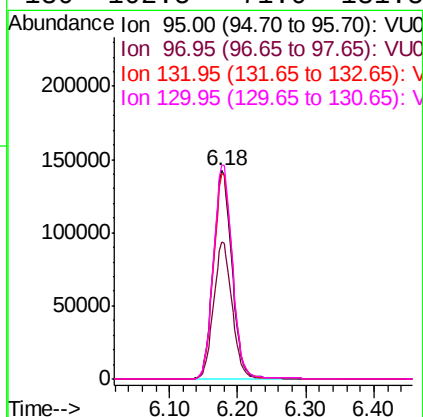
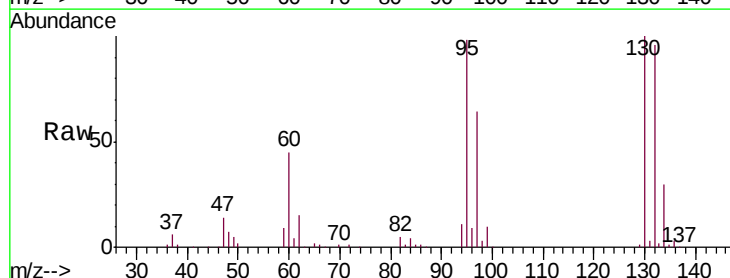
Instrument :
MSVOA_U
ClientSampled :
GALE4

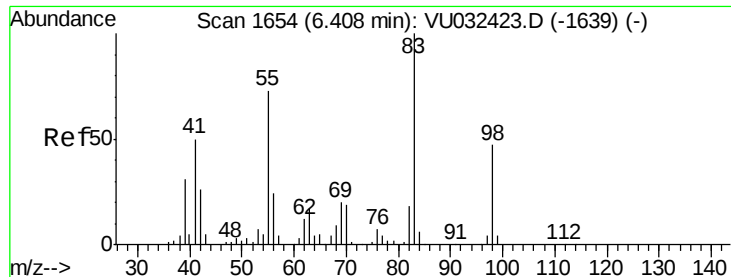
Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#34
Trichloroethene
Concen: 36.043 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VU032442.D
Acq: 04 Jun 2019 21:13

Tgt Ion: 95 Resp: 271398
Ion Ratio Lower Upper
95 100
97 65.5 44.1 81.9
132 98.2 68.8 127.8
130 102.5 71.0 131.8





#35

Methylcyclohexane

Concen: 0.726 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032442.D

Acq: 04 Jun 2019 21:13

Instrument :

MSVOA_U

ClientSampleId :

GALE4

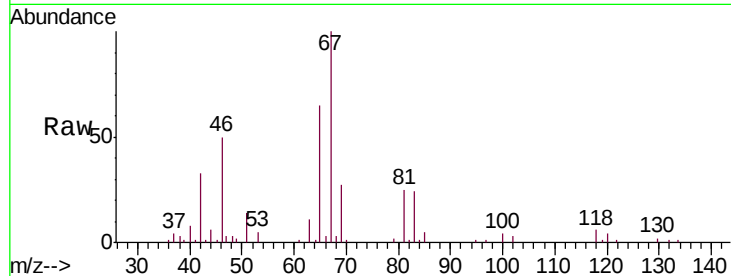
Tgt Ion: 83 Resp: 8795

Ion Ratio Lower Upper

83 100

55 1.0 60.0 90.0#

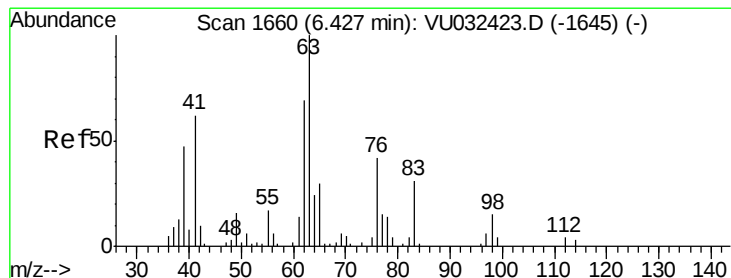
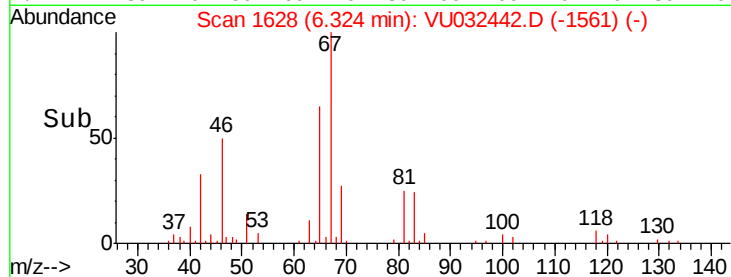
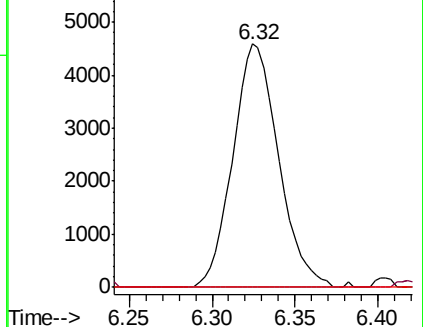
98 0.0 37.8 56.8#



Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37

1,2-Dichloropropane

Concen: 0.602 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032442.D

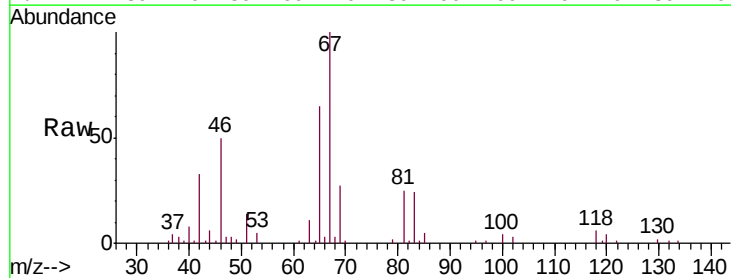
Acq: 04 Jun 2019 21:13

Tgt Ion: 63 Resp: 4078

Ion Ratio Lower Upper

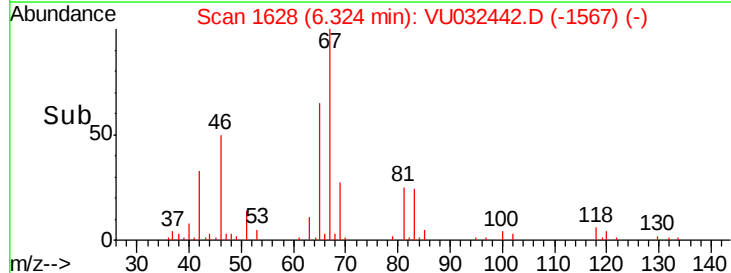
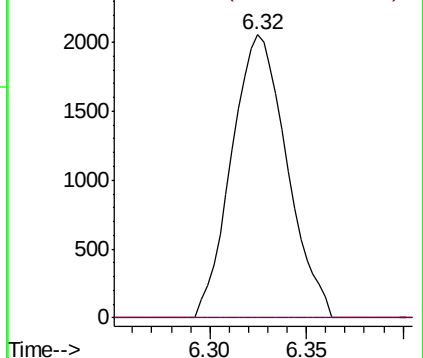
63 100

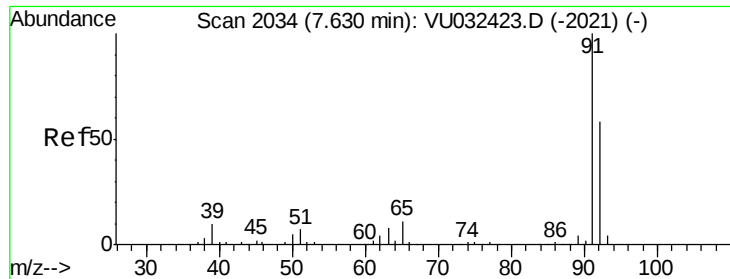
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.342 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VU032442.D

Acq: 04 Jun 2019 21:13

Instrument :

MSVOA_U

ClientSampleId :

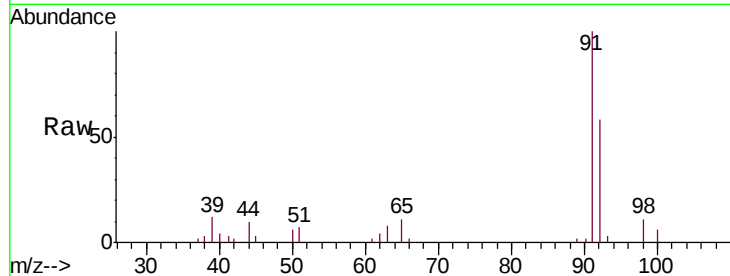
GALE4

Tgt Ion: 91 Resp: 9974

Ion Ratio Lower Upper

91 100

92 58.5 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU032442.D (-2021) (-)

Ion 92.15 (91.85 to 92.85): VU032442.D (-2021) (-)

7.64

6000

5000

4000

3000

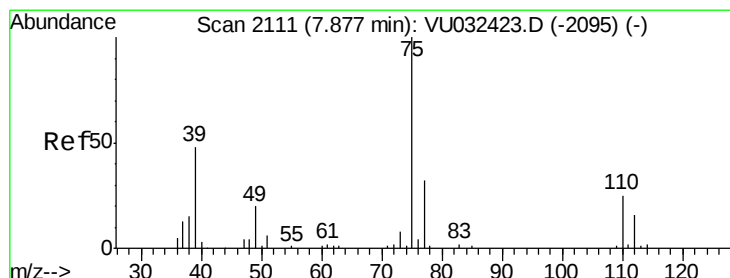
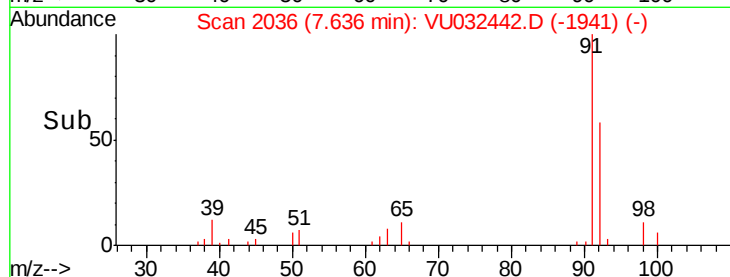
2000

1000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032442.D

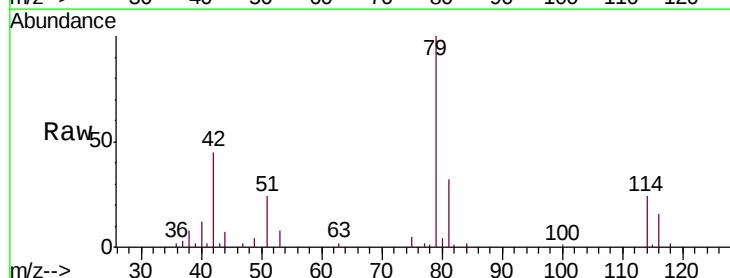
Acq: 04 Jun 2019 21:13

Tgt Ion: 75 Resp: 687

Ion Ratio Lower Upper

75 100

77 42.5 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VU032442.D (-2018) (-)

Ion 77.05 (76.75 to 77.75): VU032442.D (-2018) (-)

7.85

400

300

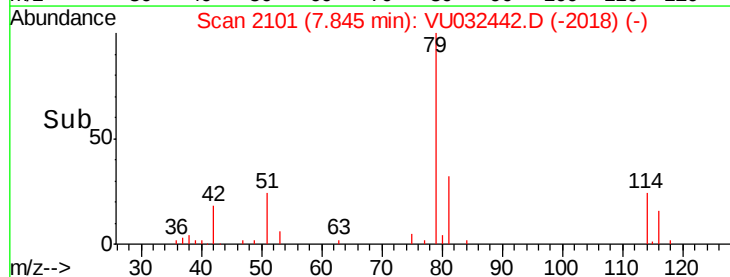
200

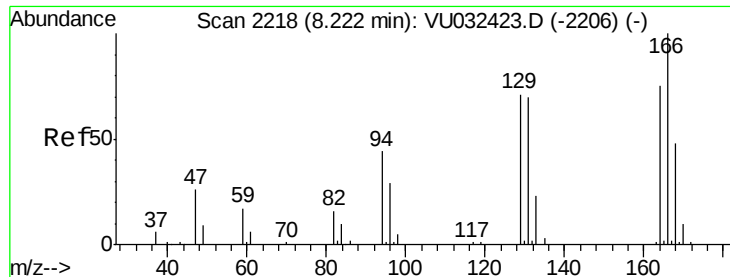
100

0

Time-->

7.82 7.84 7.86 7.88

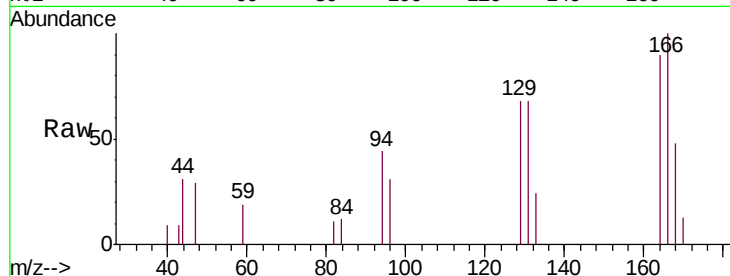




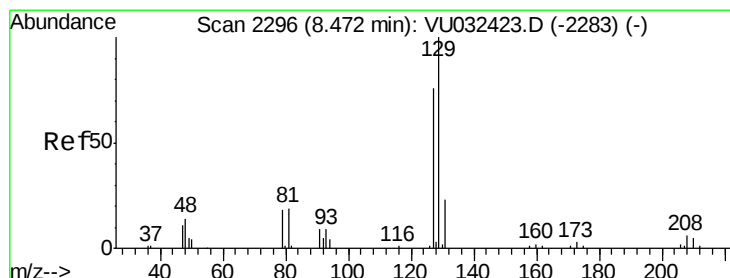
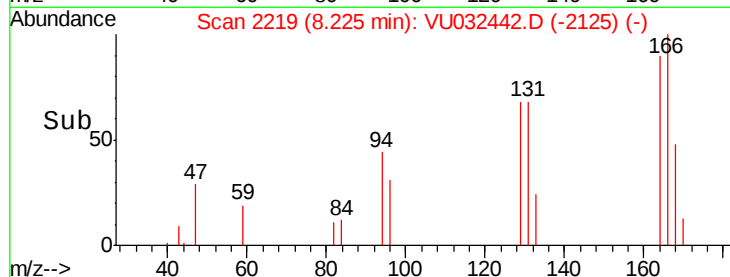
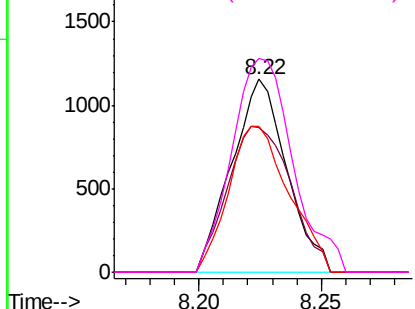
#47
Tetrachloroethene
Concen: 0.305 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032442.D
Acq: 04 Jun 2019 21:13

Instrument :
MSVOA_U
ClientSampleId :
GALE4

Tgt Ion:164 Resp: 1807
Ion Ratio Lower Upper
164 100
129 75.2 66.1 122.7
131 75.8 65.6 121.8
166 110.7 93.2 173.2

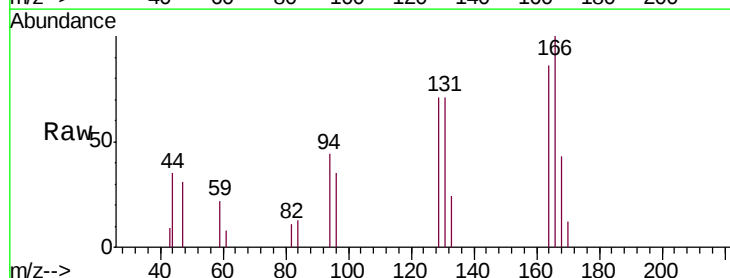


Abundance Ion 163.90 (163.60 to 164.60): V
2000
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

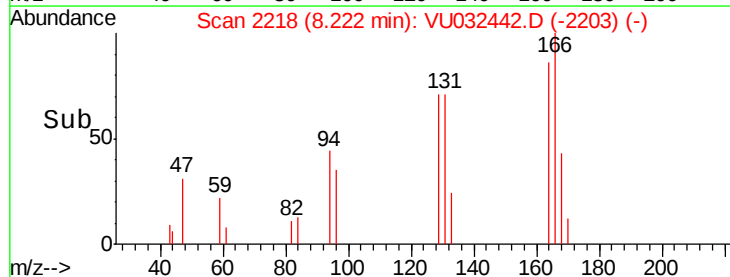
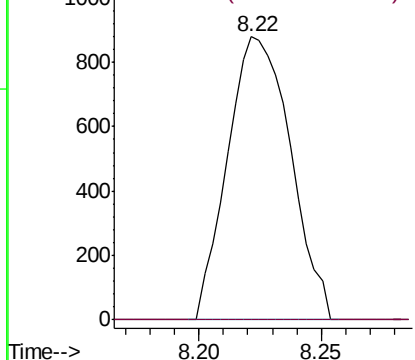


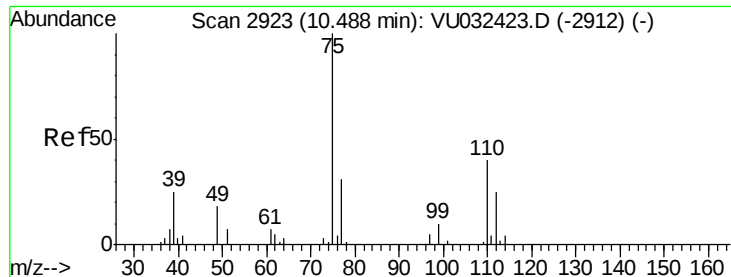
#49
Dibromochloromethane
Concen: 0.250 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032442.D
Acq: 04 Jun 2019 21:13

Tgt Ion:129 Resp: 1577
Ion Ratio Lower Upper
129 100
127 0.0 53.3 98.9#



Abundance Ion 128.95 (128.65 to 129.65): V
1000
Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 1.119 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032442.D

Acq: 04 Jun 2019 21:13

Instrument :

MSVOA_U

ClientSampleId :

GALE4

Tgt Ion: 75 Resp: 4976

Ion Ratio Lower Upper

75 100

77 37.2 25.3 37.9

