

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061518\
 Data File : VU024618.D
 Acq On : 16 Jun 2018 01:51
 Operator : MD/SY
 Sample : J3527-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DAXS5

Quant Time: Jun 16 03:45:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 16 03:36:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	307164	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	266643	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	115614	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72888	41.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.92%
7) Chloroethane-d5	1.68	69	60607	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.62%
11) 1,1-Dichloroethene-d2	2.27	63	110049	31.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.66%
21) 2-Butanone-d5	4.18	46	164301	110.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.71%
24) Chloroform-d	4.65	84	162531	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.76%
26) 1,2-Dichloroethane-d4	5.31	65	107422	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
32) Benzene-d6	5.35	84	333521	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.74%
36) 1,2-Dichloropropane-d6	6.34	67	112816	52.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.76%
41) Toluene-d8	7.57	98	319420	48.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.52%
43) trans-1,3-Dichloropropene-	7.85	79	51276	46.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.32%
47) 2-Hexanone-d5	8.31	63	129166	116.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.49%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	161279	51.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	117962	52.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.76%

Target Compounds

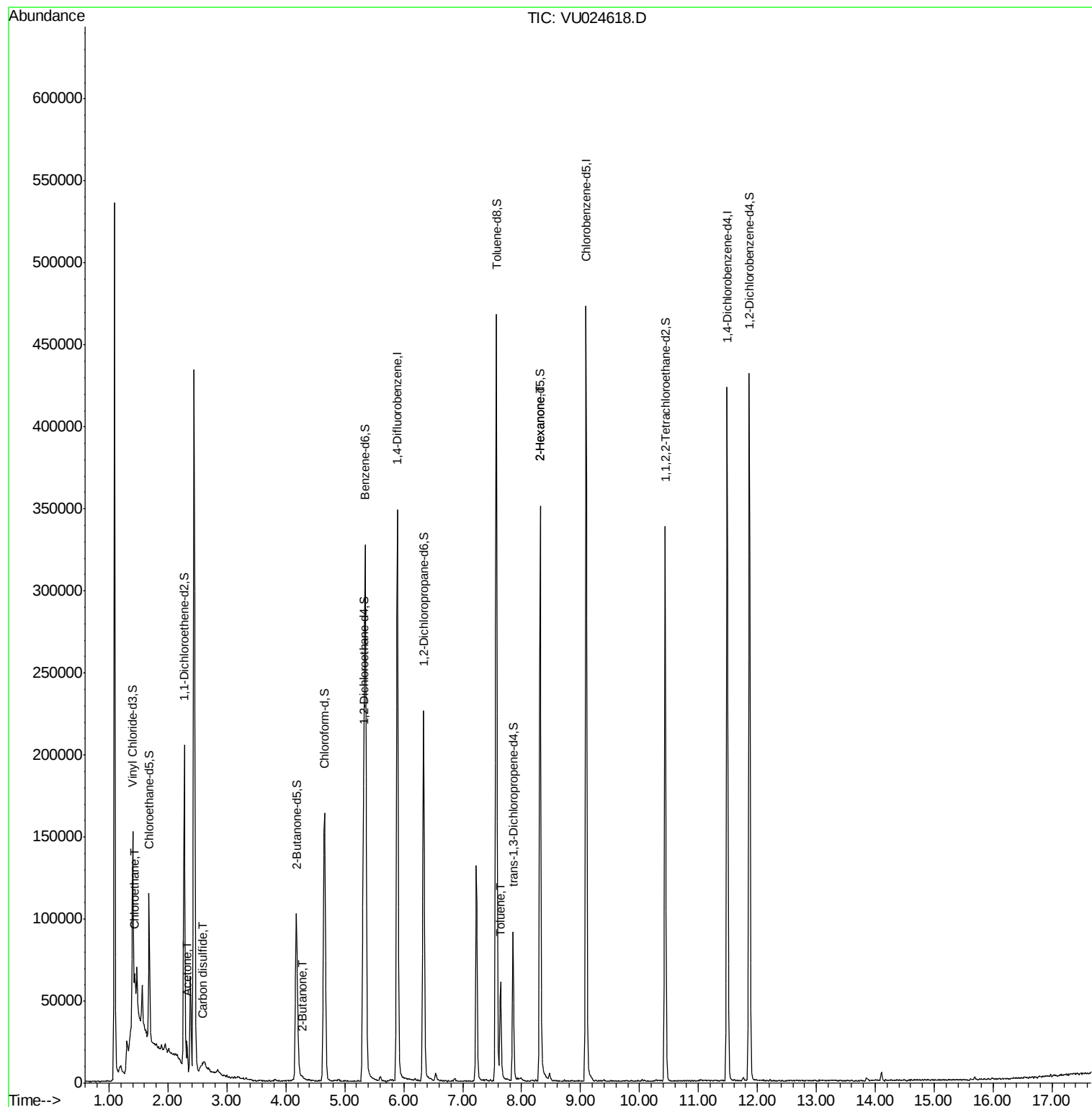
					Qvalue
8) Chloroethane	1.43	64	167202	118.977 ug/L #	52
13) Acetone	2.32	43	19056	12.029 ug/L	93
14) Carbon disulfide	2.59	76	14972	2.503 ug/L	97
22) 2-Butanone	4.28	43	2567	1.272 ug/L	84
42) Toluene	7.64	91	43490	4.995 ug/L	100
48) 2-Hexanone	8.31	43	13808	5.255 ug/L #	65

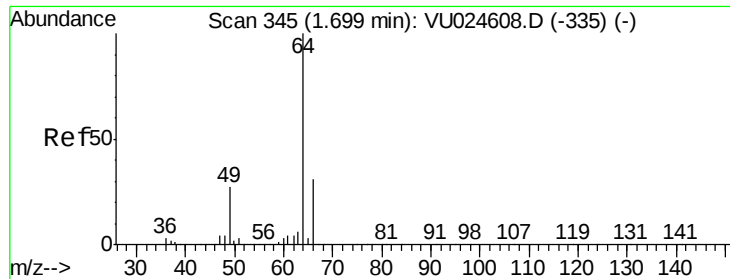
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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DAXS5

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Quant Title : VOC Analysis
QLast Update : Sat Jun 16 03:36:16 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 118.977 ug/L

RT: 1.43 min Scan# 262

Delta R.T. -0.27 min

Lab File: VU024618.D

Acq: 16 Jun 2018 01:51

Instrument :

MSVOA_U

ClientSampleId :

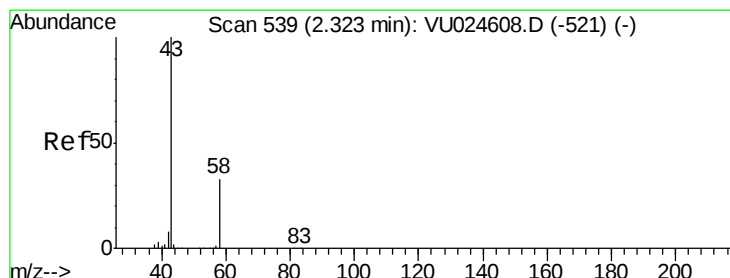
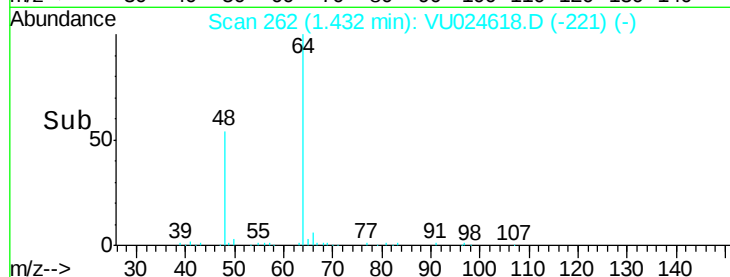
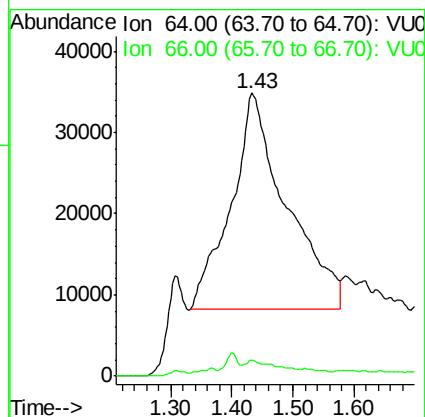
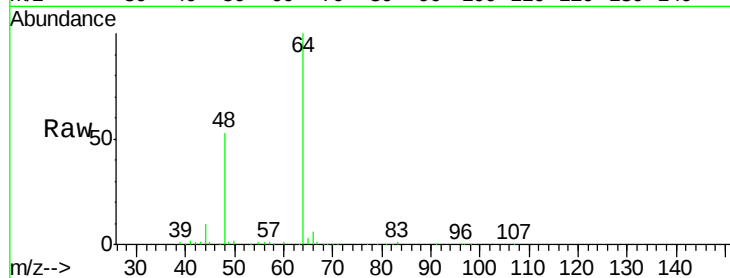
DAXS5

Tgt Ion: 64 Resp: 167202

Ion Ratio Lower Upper

64 100

66 5.8 22.7 42.3#



#13

Acetone

Concen: 12.029 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024618.D

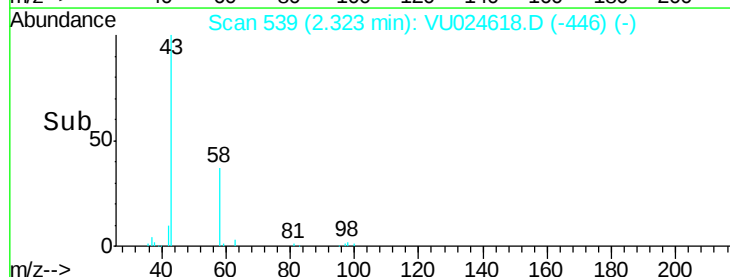
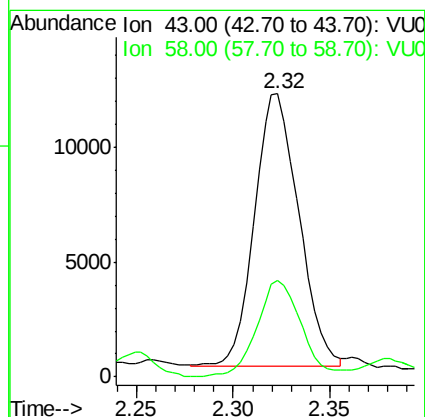
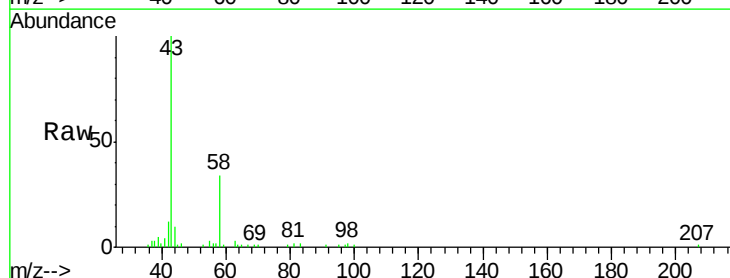
Acq: 16 Jun 2018 01:51

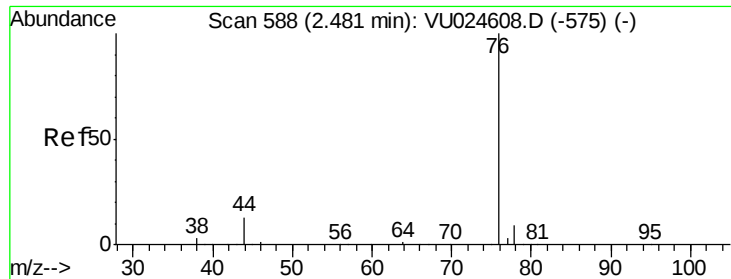
Tgt Ion: 43 Resp: 19056

Ion Ratio Lower Upper

43 100

58 35.8 0.0 64.2





#14

Carbon disulfide

Concen: 2.503 ug/L

RT: 2.59 min Scan# 621

Delta R.T. 0.11 min

Lab File: VU024618.D

Acq: 16 Jun 2018 01:51

Instrument :

MSVOA_U

ClientSampleId :

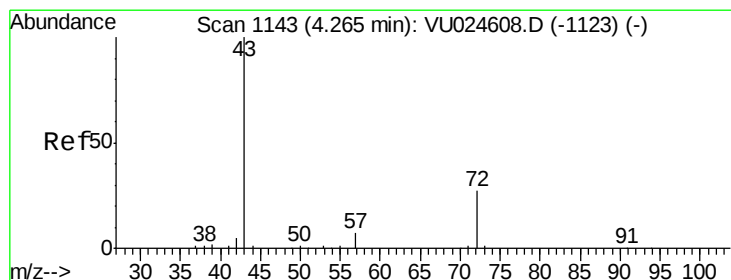
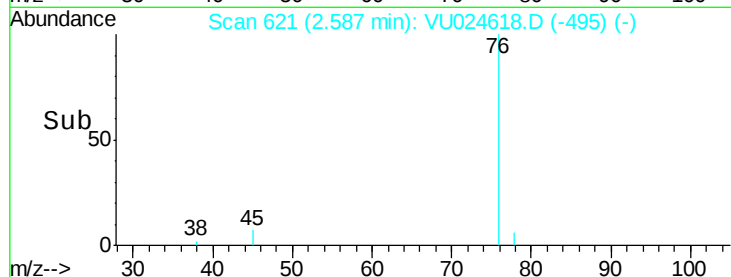
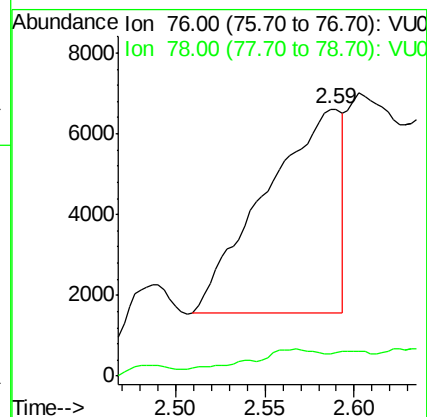
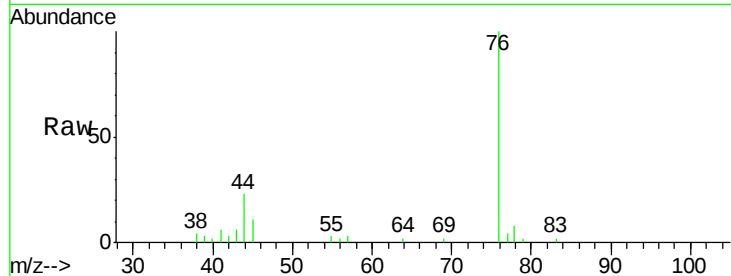
DAXS5

Tgt Ion: 76 Resp: 14972

Ion Ratio Lower Upper

76 100

78 8.1 7.4 11.0



#22

2-Butanone

Concen: 1.272 ug/L

RT: 4.28 min Scan# 1147

Delta R.T. 0.01 min

Lab File: VU024618.D

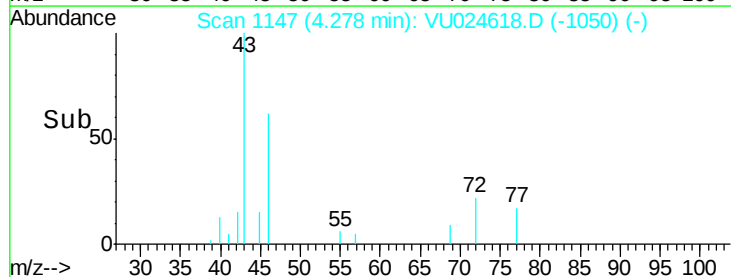
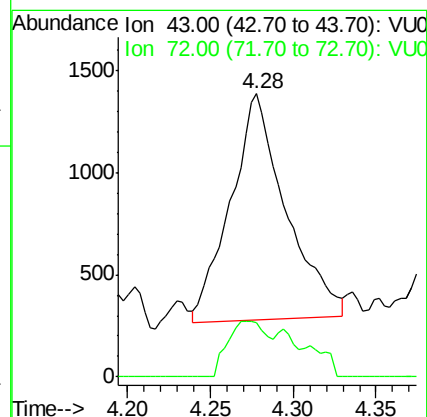
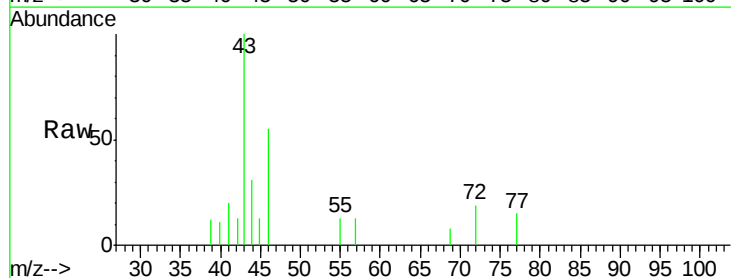
Acq: 16 Jun 2018 01:51

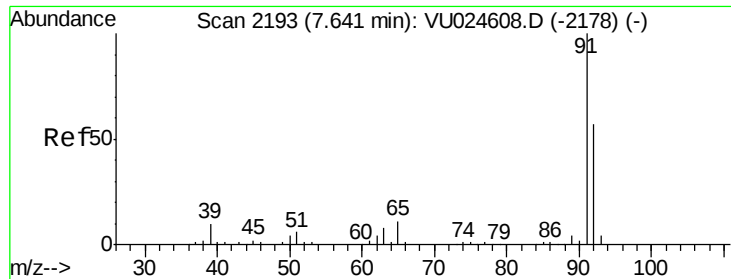
Tgt Ion: 43 Resp: 2567

Ion Ratio Lower Upper

43 100

72 17.9 13.1 39.3





#42

Toluene

Concen: 4.995 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024618.D

Acq: 16 Jun 2018 01:51

Instrument :

MSVOA_U

ClientSampled :

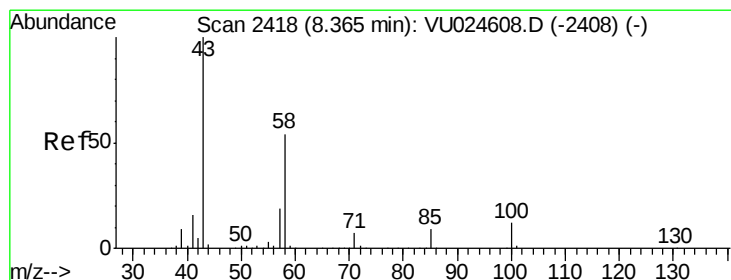
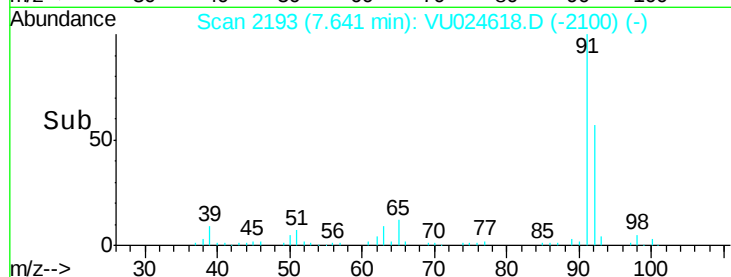
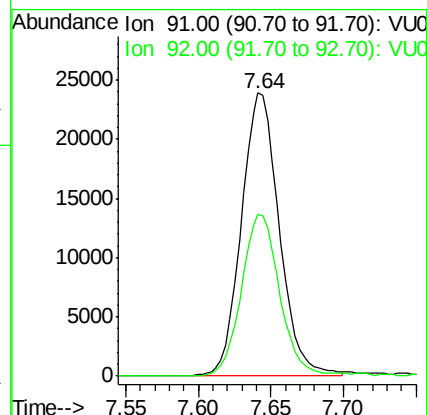
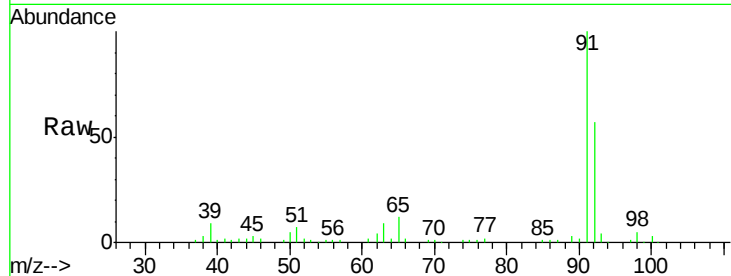
DAXS5

Tgt Ion: 91 Resp: 43490

Ion Ratio Lower Upper

91 100

92 57.1 39.8 73.8



#48

2-Hexanone

Concen: 5.255 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU024618.D

Acq: 16 Jun 2018 01:51

Tgt Ion: 43 Resp: 13808

Ion Ratio Lower Upper

43 100

58 22.0 42.6 63.8#

57 24.8 14.7 22.1#

100 0.0 9.0 13.4#

