

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043020\
 Data File : VV015835.D
 Acq On : 30 Apr 2020 14:28
 Operator : SY/MD
 Sample : L2370-22
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 01 01:46:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 01 01:42:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	128573	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124775	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58976	5.00	ug/L	0.00

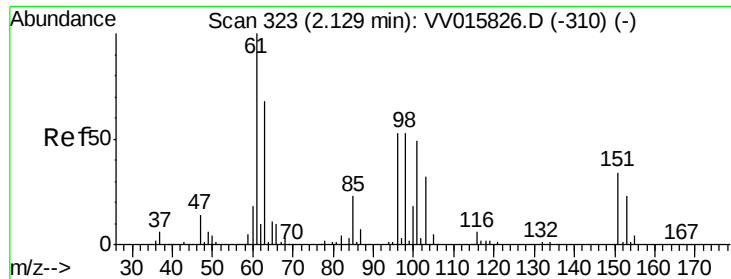
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36366	5.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.20%
7) Chloroethane-d5	1.57	69	32906	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.12	63	53622	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	3.97	46	93162	43.18	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.36%
24) Chloroform-d	4.38	84	67831	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.06	65	41948	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.08	84	140180	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.10	67	44472	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.34	98	125350	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.65	79	15388	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.12	63	70141	39.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.18%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29810	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	45568	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	620	0.077 ug/L #	22
16) Methylene chloride	2.52	84	1189	0.129 ug/L	91
25) Chloroform	4.41	83	6151	0.352 ug/L	97
35) Methylcyclohexane	6.09	83	11148	0.738 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5719	0.631 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1463	0.116 ug/L #	69
44) trans-1,3-Dichloropropene	7.64	75	849	0.080 ug/L #	68
48) 2-Hexanone	8.17	43	4999	1.192 ug/L #	53

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



#10

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

Concen: 0.077 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampled :

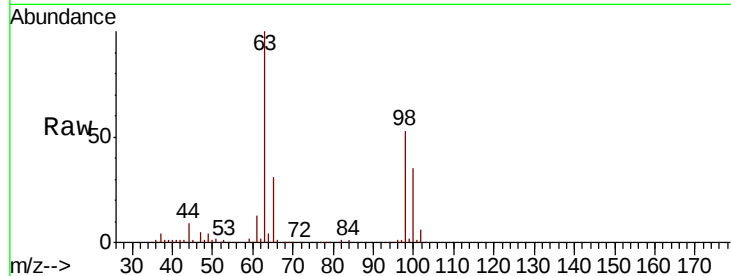
Tot Ion:101 Resp: 620

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 55.2 82.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

2.12

400

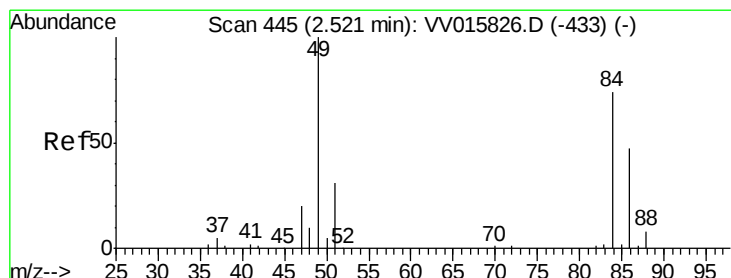
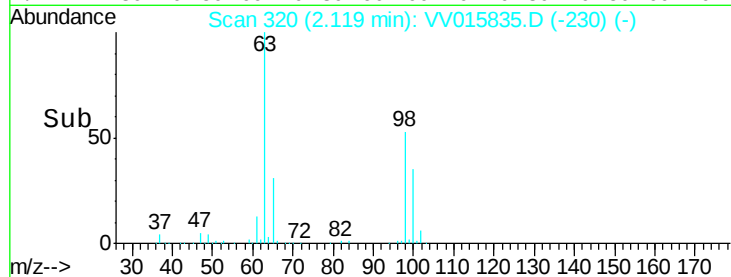
300

200

100

0

Time--> 2.08 2.10 2.12 2.14



#16

Methylene chloride

Concen: 0.129 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV015835.D

Acq: 30 Apr 2020 14:28

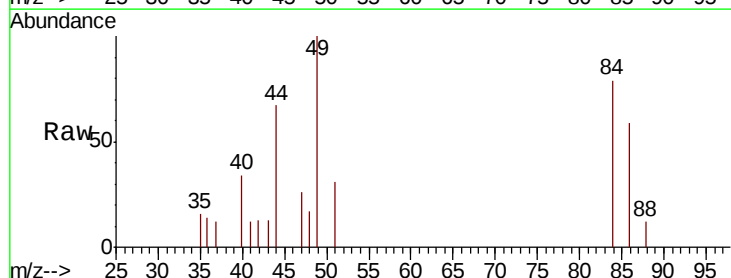
Tgt Ion: 84 Resp: 1189

Ion Ratio Lower Upper

84 100

86 74.6 45.1 83.7

49 126.3 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

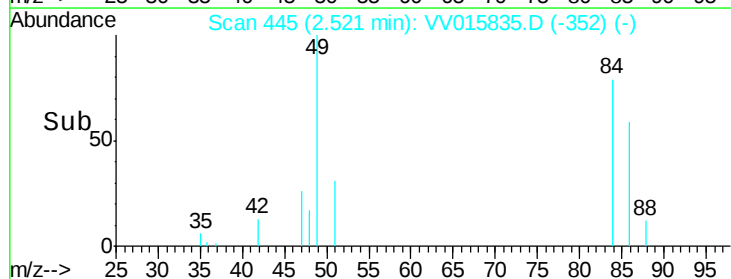
2.52

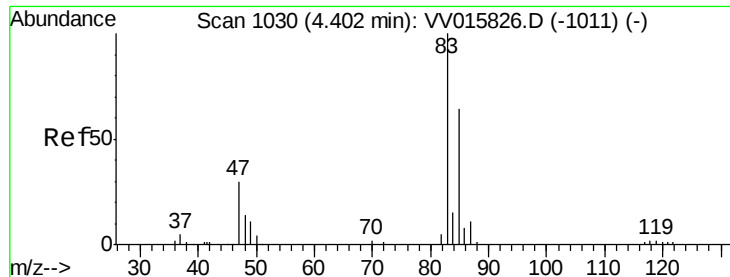
1000

500

0

Time--> 2.50 2.55

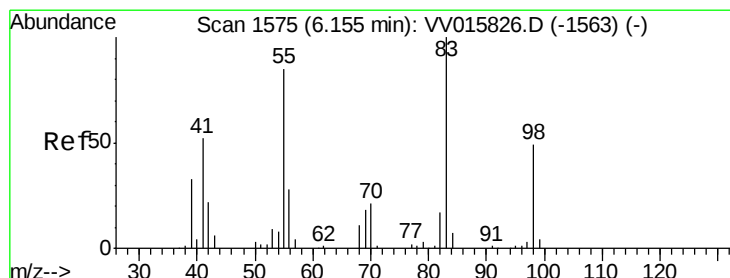
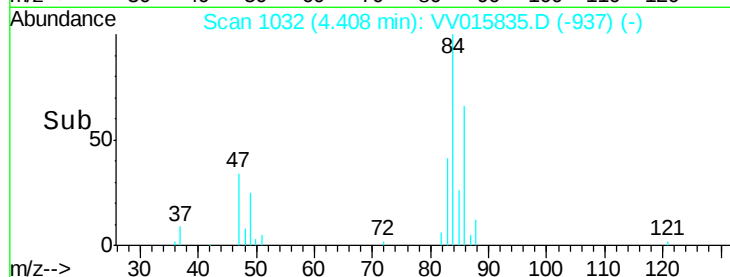
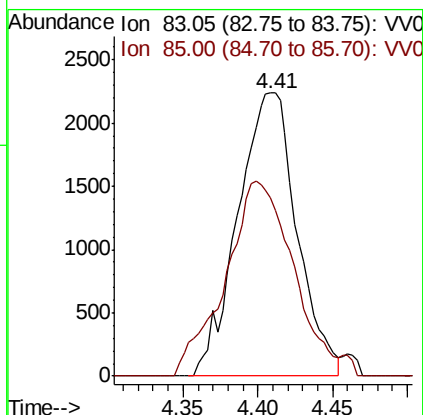
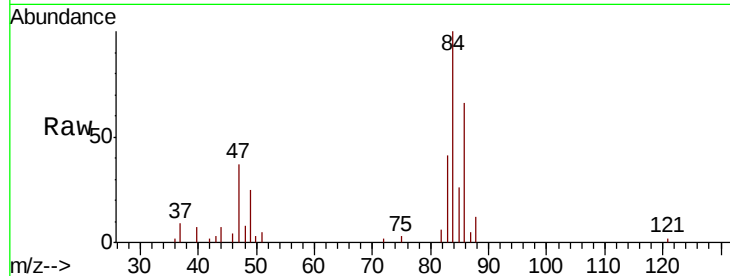




#25
Chloroform
Concen: 0.352 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015835.D
Acq: 30 Apr 2020 14:28

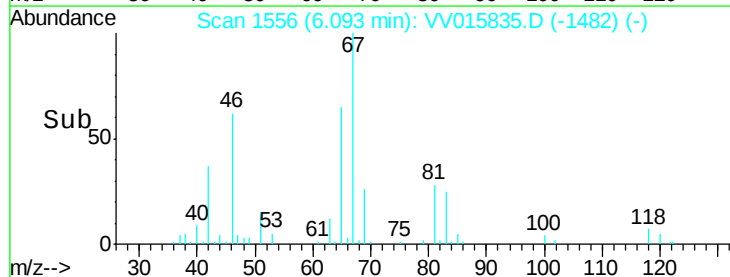
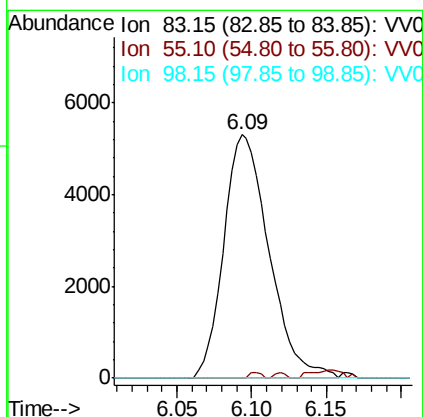
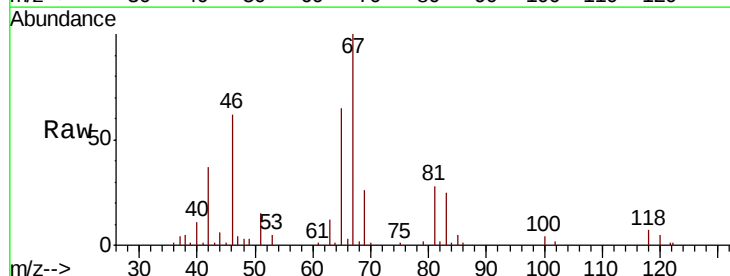
Instrument :
MSVOA_V
ClientSampleId :

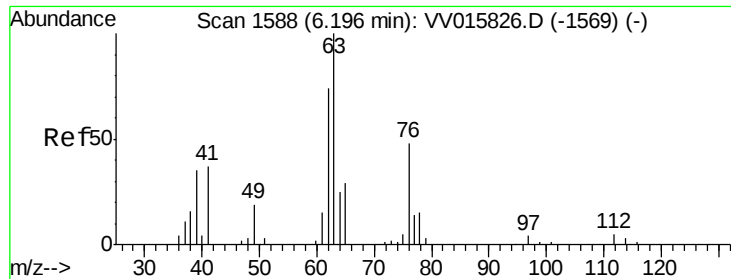
Tot Ion: 83 Resp: 6151
Ion Ratio Lower Upper
83 100
85 63.1 46.1 85.5



#35
Methylcyclohexane
Concen: 0.738 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015835.D
Acq: 30 Apr 2020 14:28

Tgt Ion: 83 Resp: 11148
Ion Ratio Lower Upper
83 100
55 0.6 66.6 99.8#
98 0.4 39.5 59.3#

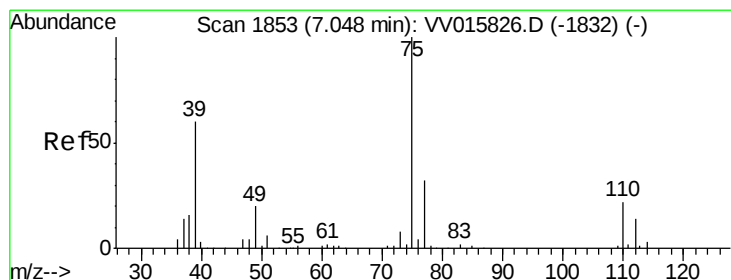
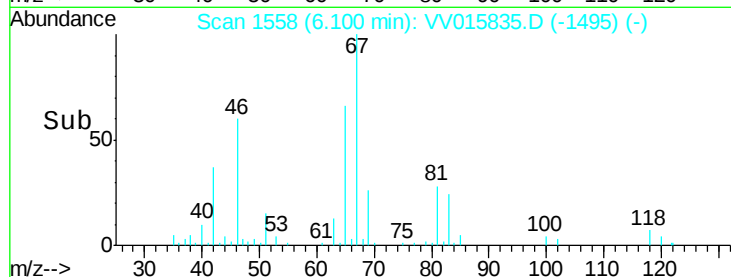
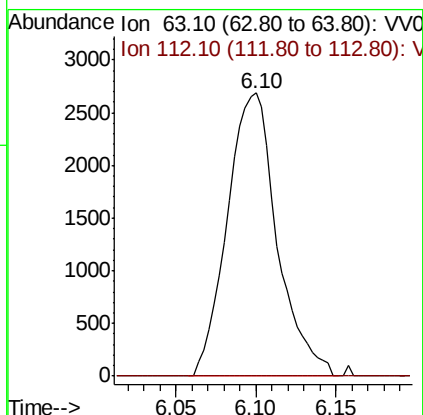
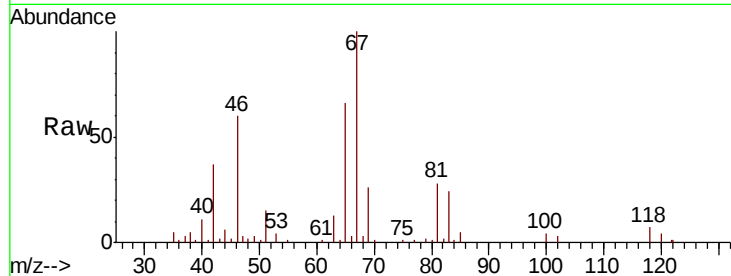




#37
 1,2-Dichloropropane
 Concen: 0.631 ug/L
 RT: 6.10 min Scan# 1558
 Delta R.T. -0.10 min
 Lab File: VV015835.D
 Acq: 30 Apr 2020 14:28

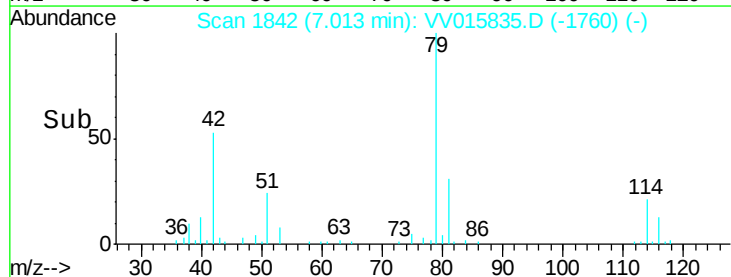
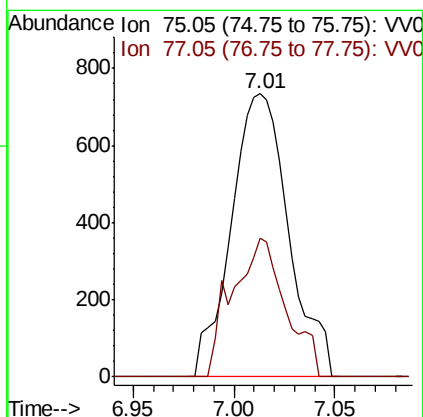
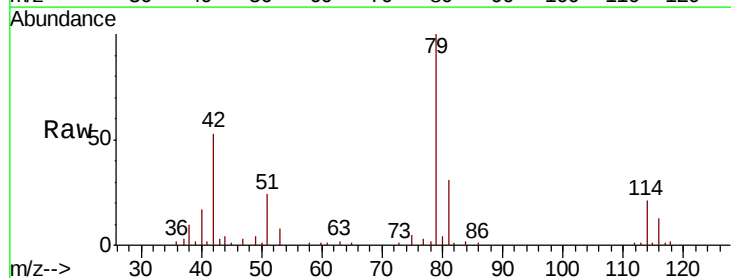
Instrument :
 MSVOA_V
 ClientSampleId :

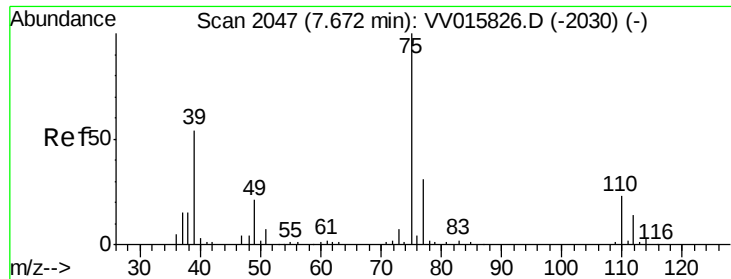
Tot Ion: 63 Resp: 5719
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV015835.D
 Acq: 30 Apr 2020 14:28

Tgt Ion: 75 Resp: 1463
 Ion Ratio Lower Upper
 75 100
 77 48.9 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015835.D

Acq: 30 Apr 2020 14:28

Instrument :

MSVOA_V

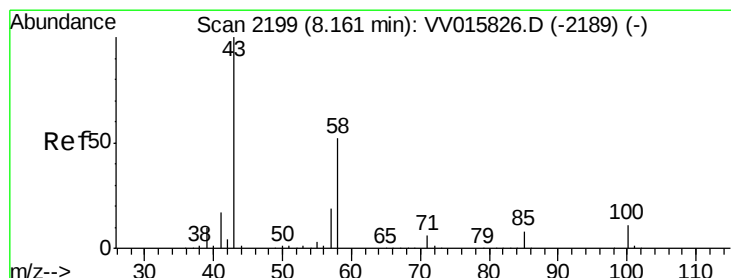
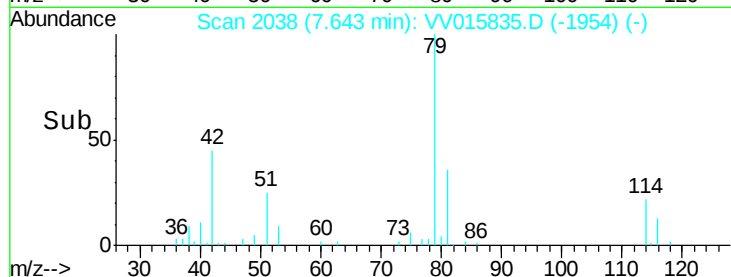
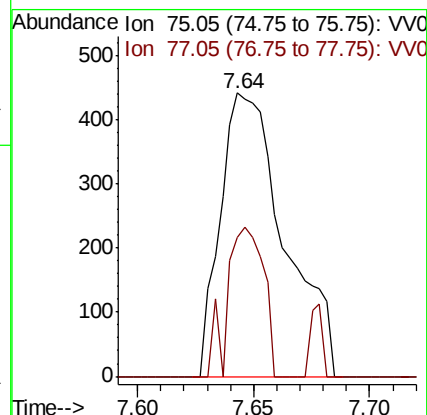
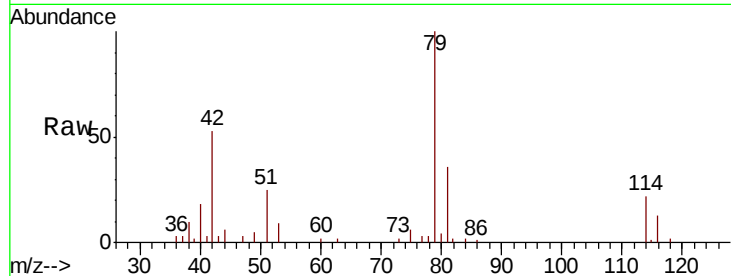
ClientSampleId :

Tot Ion: 75 Resp: 849

Ion Ratio Lower Upper

75 100

77 49.1 21.8 40.6#



#48

2-Hexanone

Concen: 1.192 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV015835.D

Acq: 30 Apr 2020 14:28

Tgt Ion: 43 Resp: 4999

Ion Ratio Lower Upper

43 100

58 5.9 41.1 61.7#

57 25.8 15.0 22.4#

100 5.8 9.0 13.4#

