

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061620\
 Data File : VV016950.D
 Acq On : 16 Jun 2020 10:38
 Operator : SY/MD
 Sample : L2914-21
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 17 00:57:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 17 00:55:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	328857	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	317236	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156520	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92024	39.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.32%
7) Chloroethane-d5	1.58	69	70774	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.66%
11) 1,1-Dichloroethene-d2	2.12	63	140397	36.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.06%
21) 2-Butanone-d5	3.90	46	168190	97.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.93%
24) Chloroform-d	4.38	84	224357	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
26) 1,2-Dichloroethane-d4	5.05	65	164189	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.32%
32) Benzene-d6	5.07	84	438387	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
36) 1,2-Dichloropropane-d6	6.09	67	138046	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.86%
41) Toluene-d8	7.34	98	407086	48.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%
43) trans-1,3-Dichloropropene-	7.64	79	67865	45.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.42%
47) 2-Hexanone-d5	8.11	63	95002	76.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	165214	43.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	171873	51.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.90%

Target Compounds

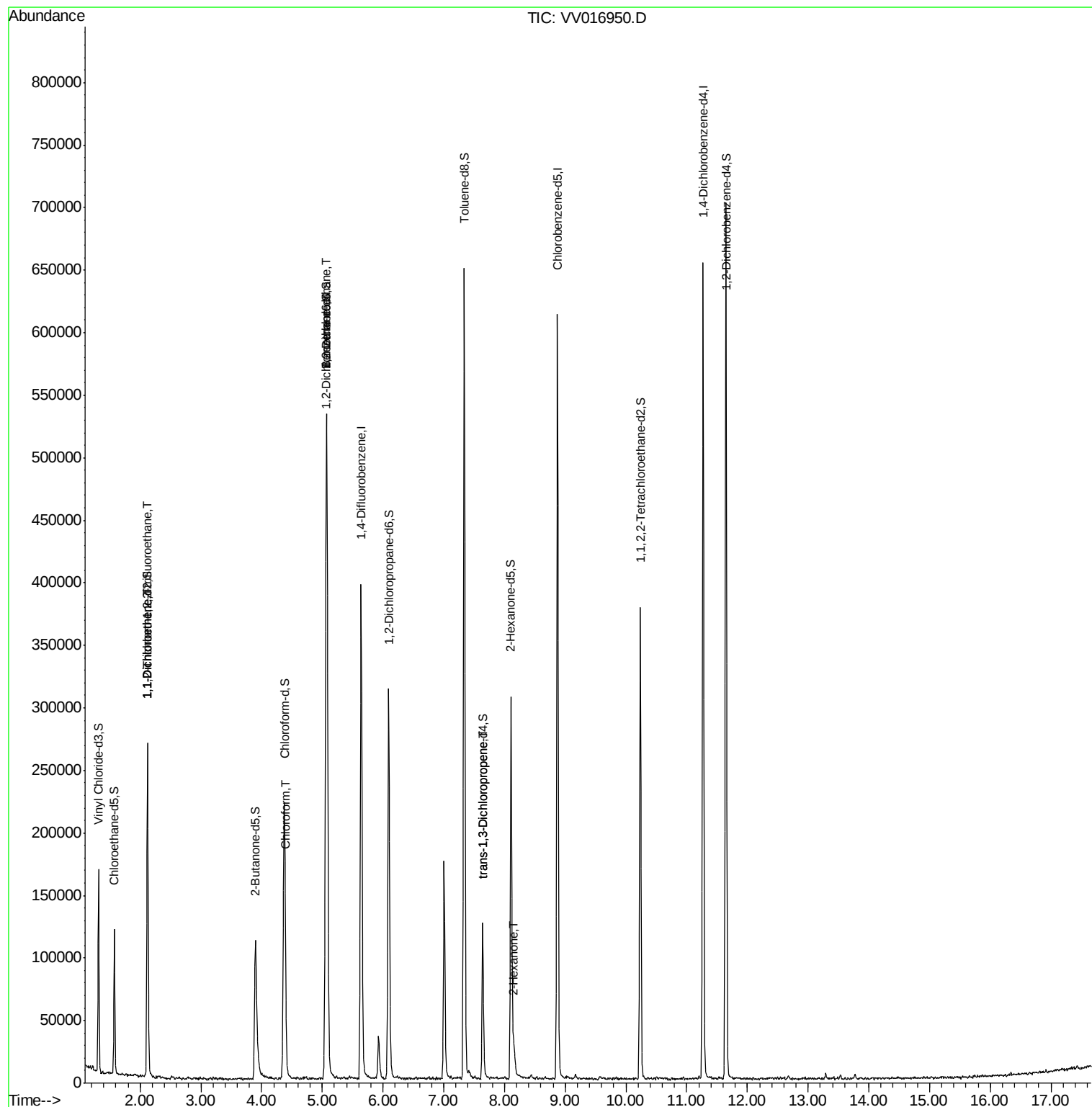
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1375	0.786 ug/L #	23
12) 1,1-Dichloroethene	2.12	96	1204	0.738 ug/L #	1
25) Chloroform	4.40	83	4318	1.003 ug/L	87
27) 1,2-Dichloroethane	5.07	62	3247	0.900 ug/L	97
44) trans-1,3-Dichloropropene	7.64	75	3538	0.960 ug/L	92
48) 2-Hexanone	8.16	43	11015	4.107 ug/L #	80

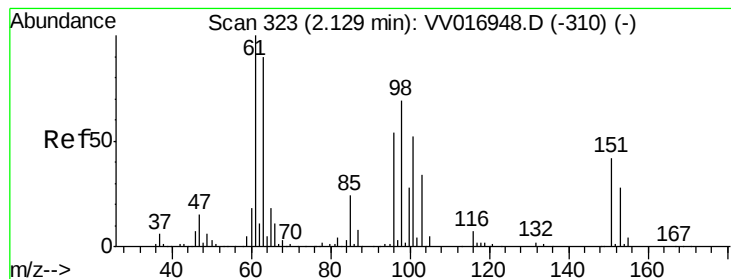
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.786 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016950.D

Acq: 16 Jun 2020 10:38

Instrument :

MSVOA_V

ClientSampled :

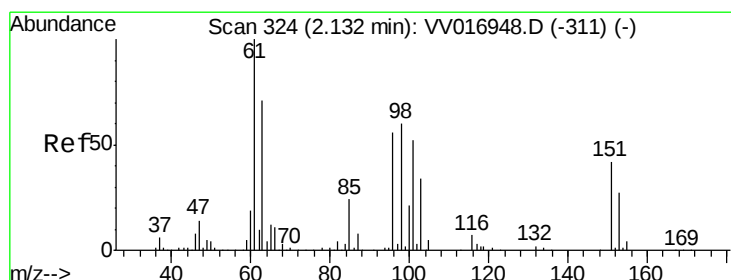
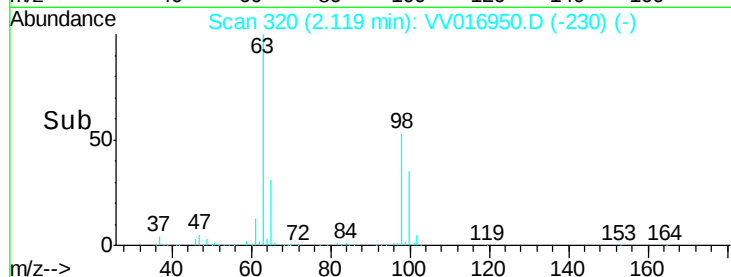
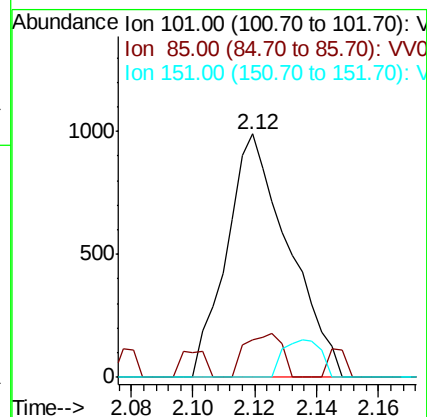
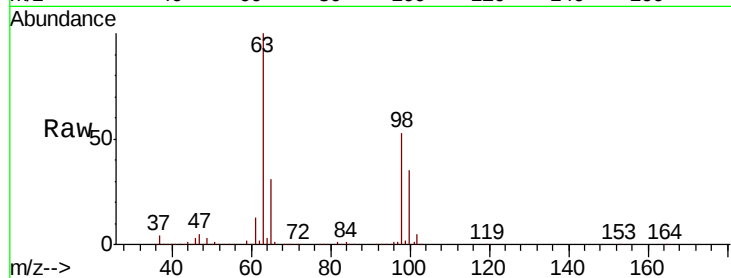
Tot Ion:101 Resp: 1375

Ion Ratio Lower Upper

101 100

85 10.6 35.5 53.3#

151 0.0 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.738 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016950.D

Acq: 16 Jun 2020 10:38

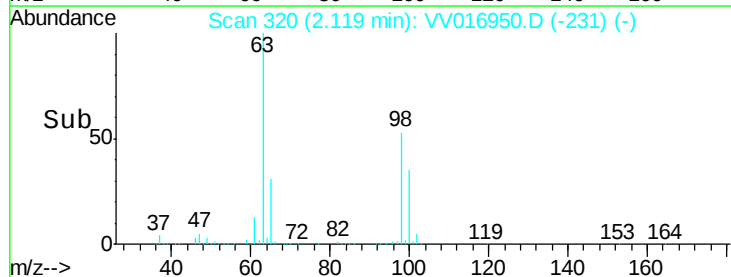
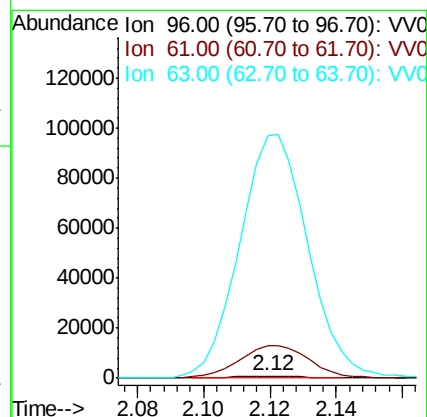
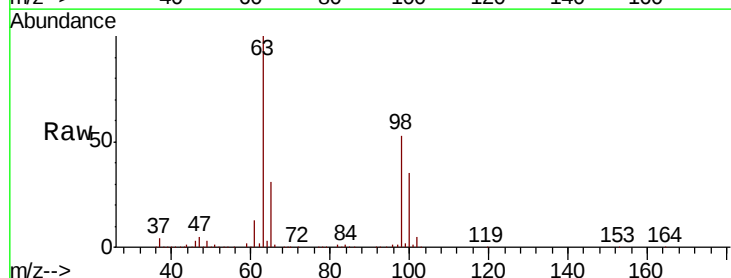
Tgt Ion: 96 Resp: 1204

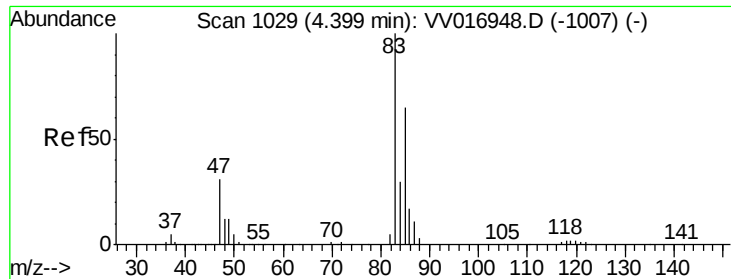
Ion Ratio Lower Upper

96 100

61 1745.7 130.4 242.2#

63 13131.1 103.3 191.9#

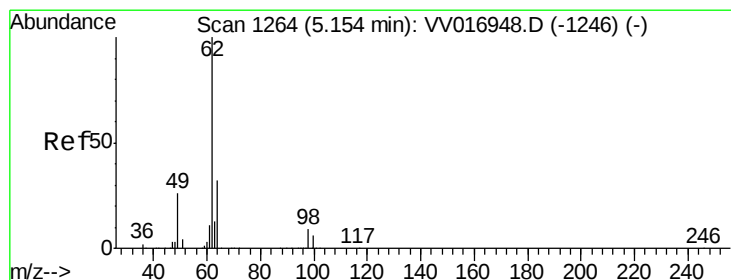
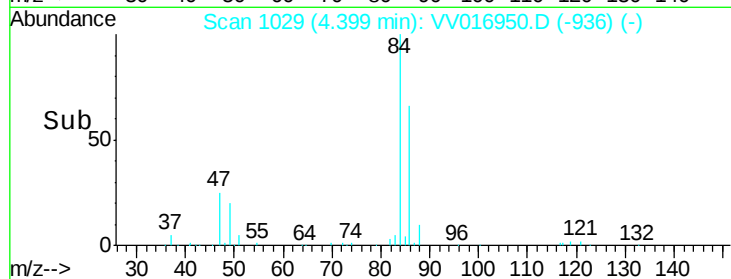
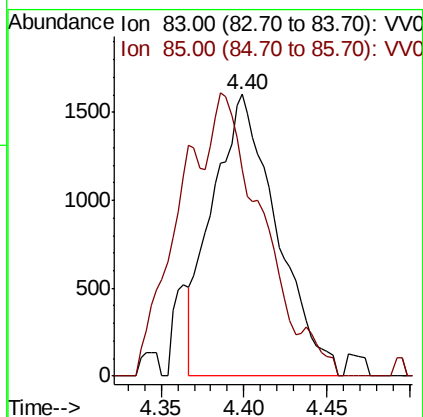
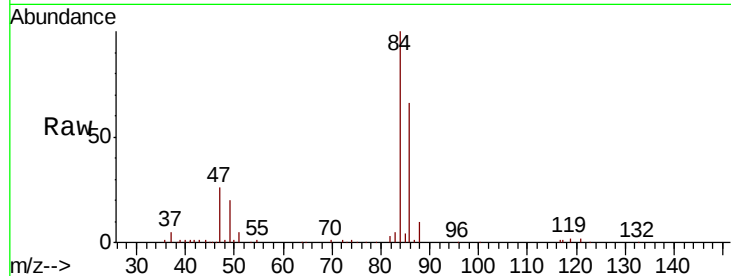




#25
Chloroform
Concen: 1.003 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV016950.D
Acq: 16 Jun 2020 10:38

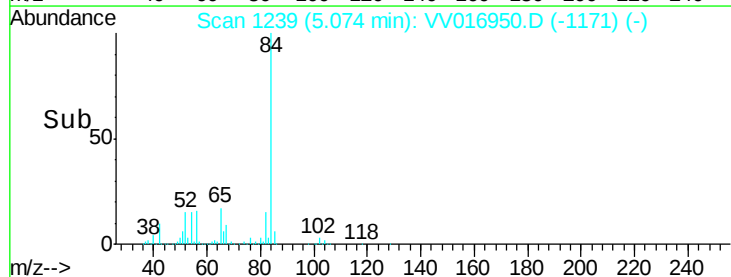
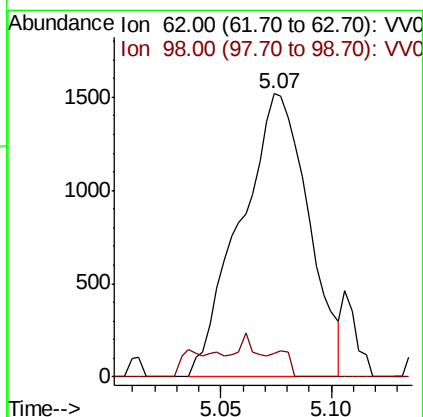
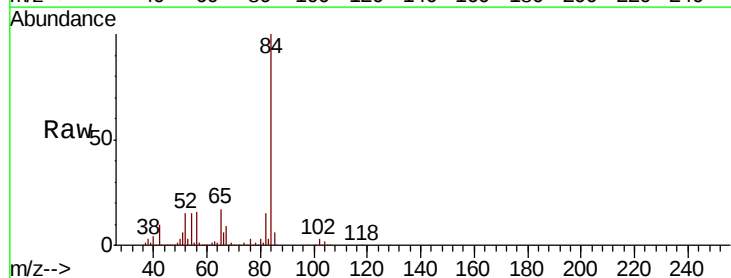
Instrument :
MSVOA_V
ClientSampleId :

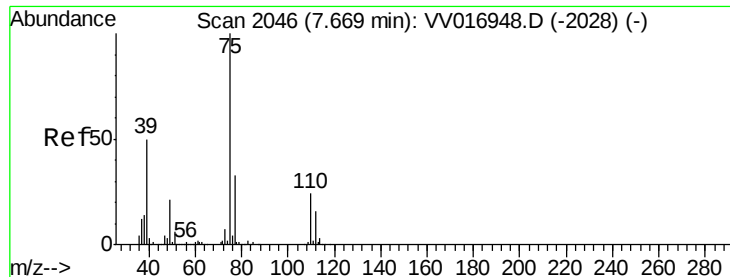
Tot Ion: 83 Resp: 4318
Ion Ratio Lower Upper
83 100
85 73.2 44.1 81.9



#27
1,2-Dichloroethane
Concen: 0.900 ug/L
RT: 5.07 min Scan# 1239
Delta R.T. -0.08 min
Lab File: VV016950.D
Acq: 16 Jun 2020 10:38

Tgt Ion: 62 Resp: 3247
Ion Ratio Lower Upper
62 100
98 8.2 7.4 11.2





#44

trans-1,3-Dichloropropene

Concen: 0.960 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016950.D

Acq: 16 Jun 2020 10:38

Instrument :

MSVOA_V

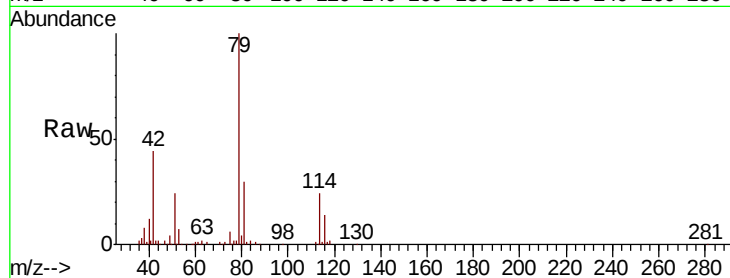
ClientSampled :

Tot Ion: 75 Resp: 3538

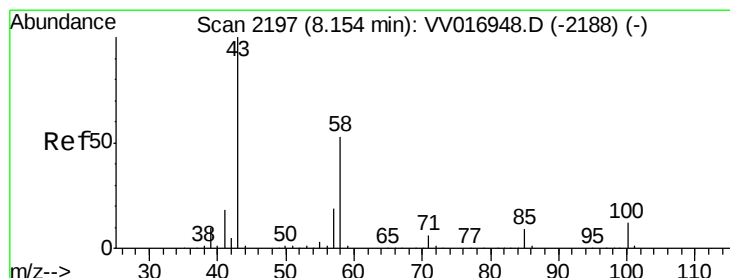
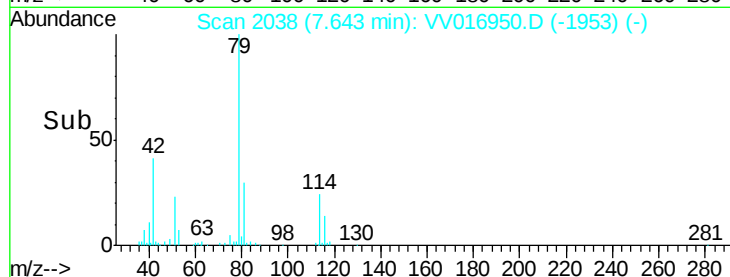
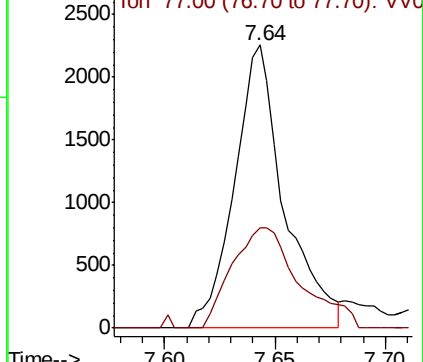
Ion Ratio Lower Upper

75 100

77 35.4 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV016948.D (-2028) (-)



#48

2-Hexanone

Concen: 4.107 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV016950.D

Acq: 16 Jun 2020 10:38

Tgt Ion: 43 Resp: 11015

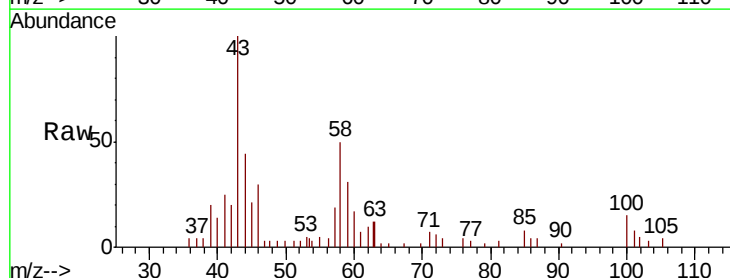
Ion Ratio Lower Upper

43 100

58 41.3 43.1 64.7#

57 3.1 15.3 22.9#

100 11.1 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VV016948.D (-2188) (-)

