

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016833.D
 Acq On : 11 Jun 2020 17:41
 Operator : SY/MD
 Sample : L2929-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 01:33:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 01:27:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	345021	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329861	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	164495	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	80075	32.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.78%
7) Chloroethane-d5	1.56	69	60614	41.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.98%
11) 1,1-Dichloroethene-d2	2.11	63	114570	28.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.06%#
21) 2-Butanone-d5	3.89	46	154640	85.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.82%
24) Chloroform-d	4.37	84	193961	39.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.36%
26) 1,2-Dichloroethane-d4	5.05	65	139884	41.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.08%
32) Benzene-d6	5.07	84	370004	38.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.82%
36) 1,2-Dichloropropane-d6	6.09	67	117862	39.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.52%
41) Toluene-d8	7.34	98	334626	38.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.70%#
43) trans-1,3-Dichloropropene-	7.64	79	56292	36.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.94%
47) 2-Hexanone-d5	8.11	63	96723	74.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.85%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	165866	42.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	153438	43.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.42%

Target Compounds

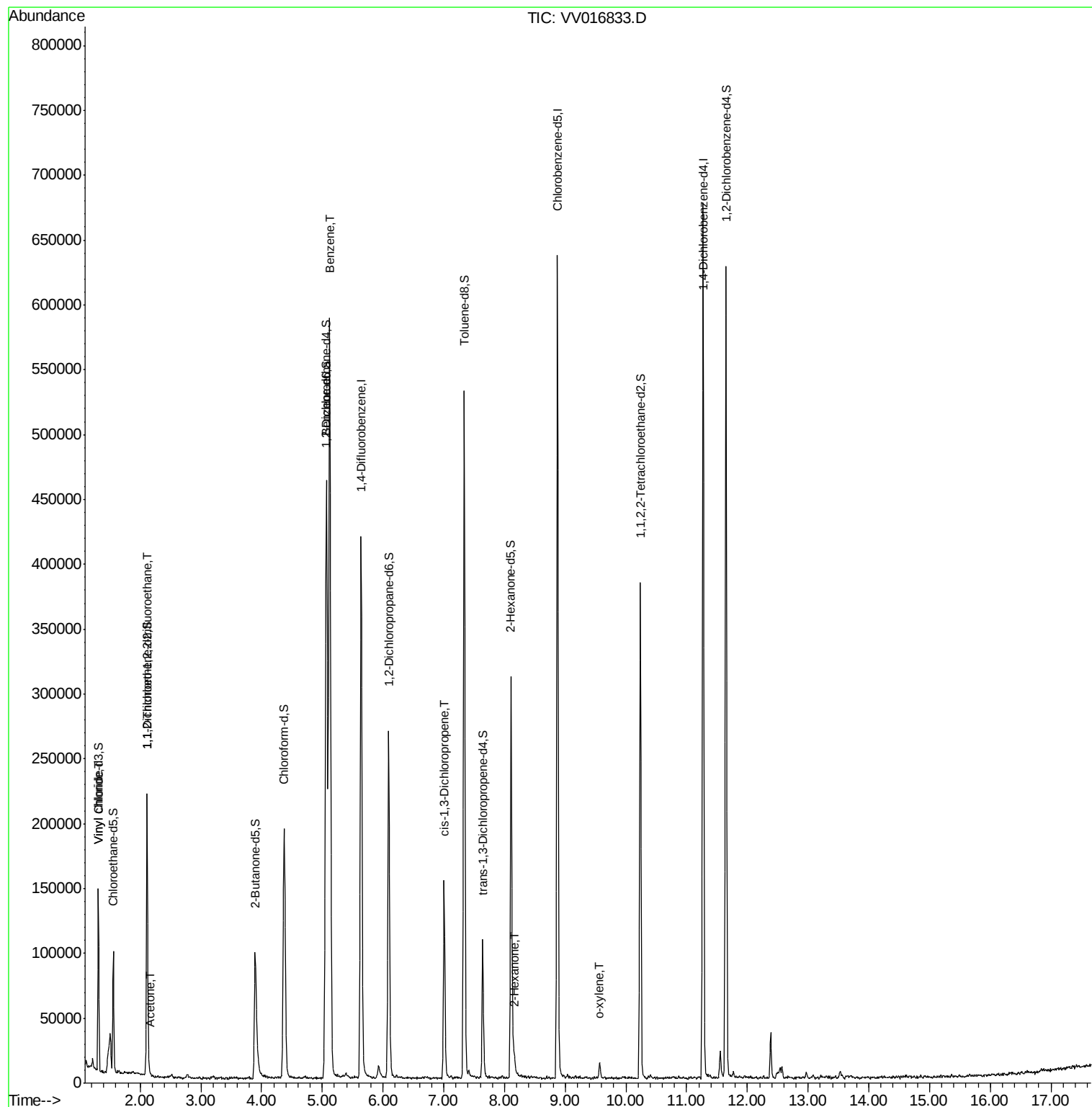
					Ovalue
5) Vinyl chloride	1.32	62	2648	1.076 ug/L #	39
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1180	0.643 ug/L #	22
13) Acetone	2.17	43	1154	0.972 ug/L	99
33) Benzene	5.12	78	565762	57.970 ug/L	100
39) cis-1,3-Dichloropropene	7.01	75	4282	1.086 ug/L #	68
48) 2-Hexanone	8.16	43	6519	2.338 ug/L #	79
54) o-xylene	9.57	106	2994	0.715 ug/L	93

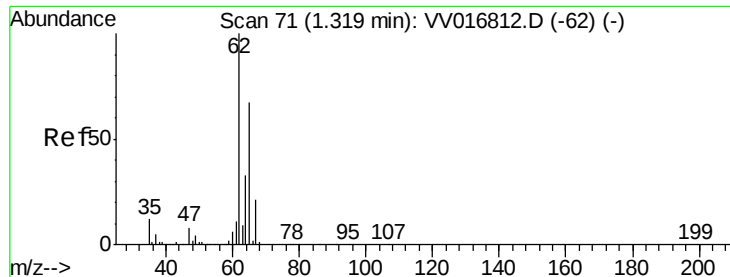
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 12 01:27:40 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.076 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV016833.D

Acq: 11 Jun 2020 17:41

Instrument :

MSVOA_V

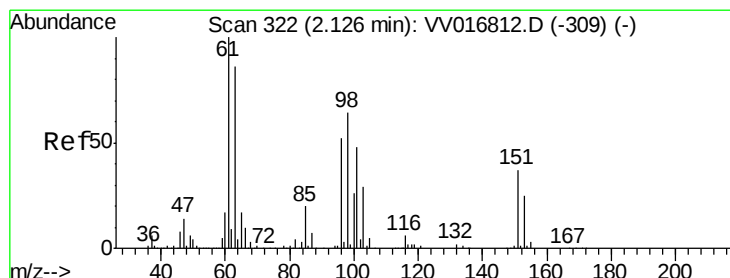
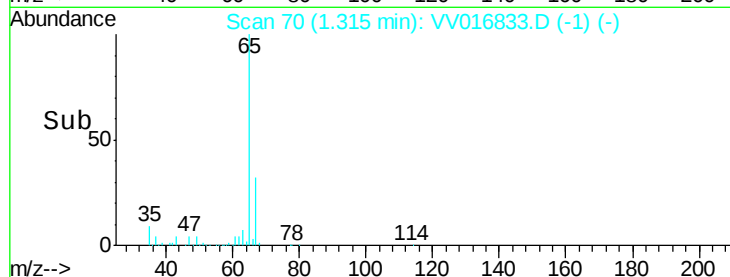
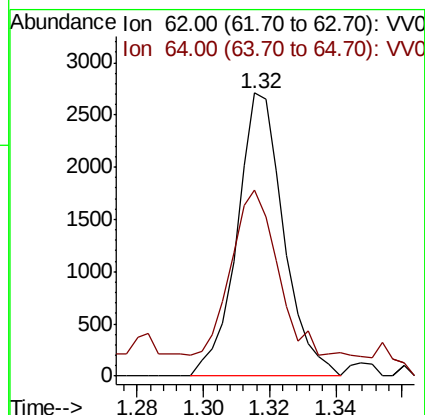
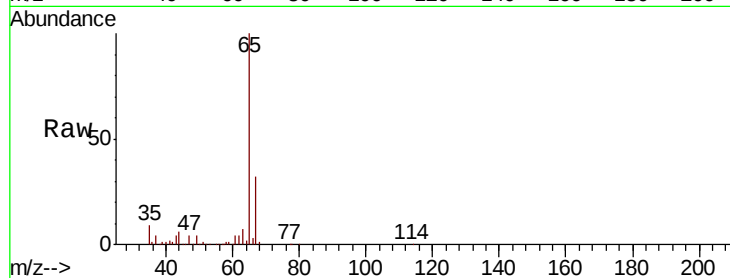
ClientSampleId :

Tot Ion: 62 Resp: 2648

Ion Ratio Lower Upper

62 100

64 65.8 22.3 41.5#



#10

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

Concen: 0.643 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016833.D

Acq: 11 Jun 2020 17:41

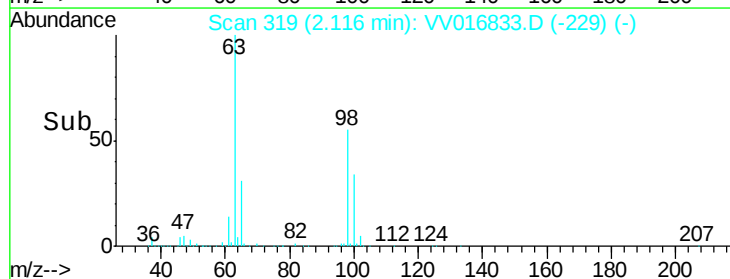
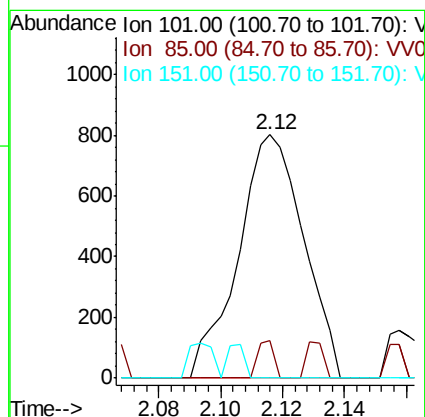
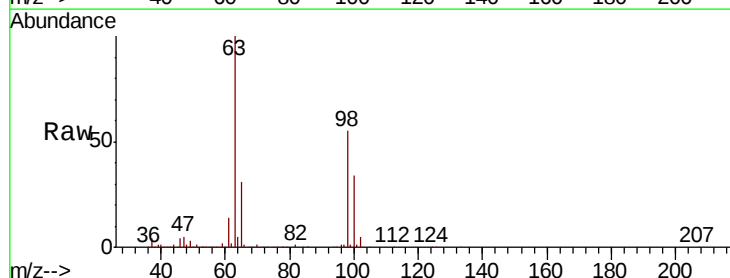
Tgt Ion: 101 Resp: 1180

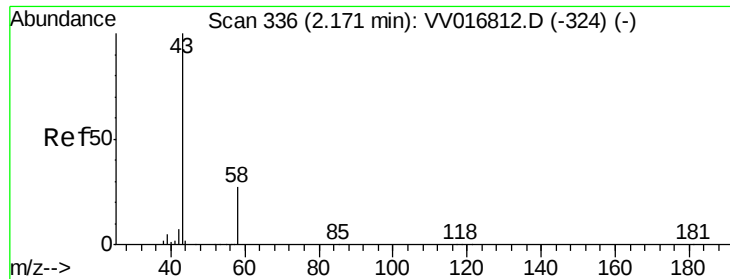
Ion Ratio Lower Upper

101 100

85 3.9 35.5 53.3#

151 3.6 63.9 95.9#





#13

Acetone

Concen: 0.972 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

Lab File: VV016833.D

Acq: 11 Jun 2020 17:41

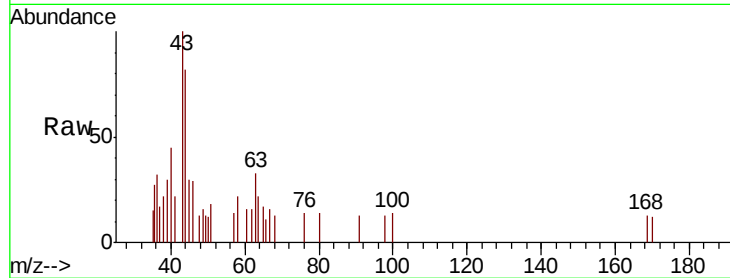
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 1154

Ion Ratio Lower Upper

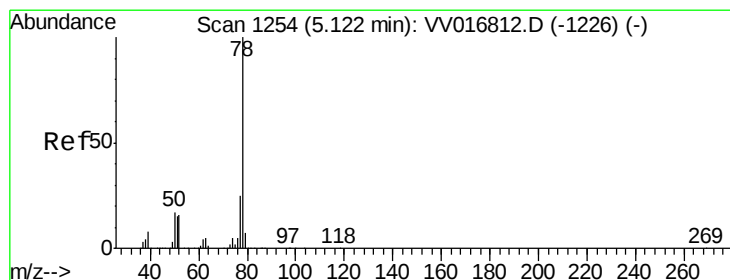
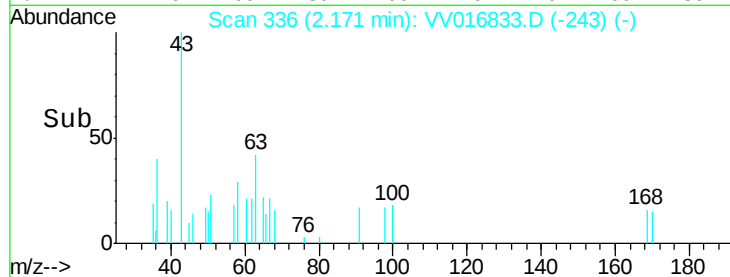
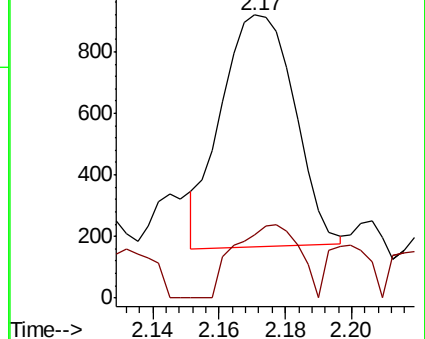
43 100

58 27.9 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV016812.D (-324) (-)

Ion 58.00 (57.70 to 58.70): VV016812.D (-324) (-)



#33

Benzene

Concen: 57.970 ug/L

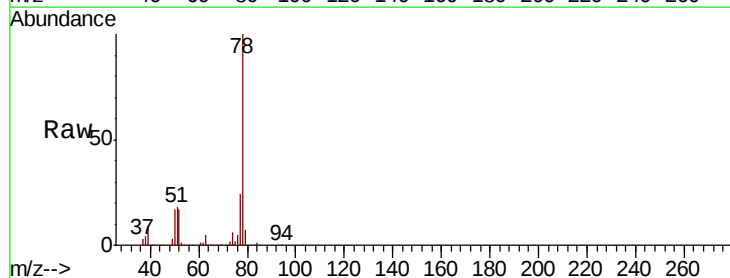
RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

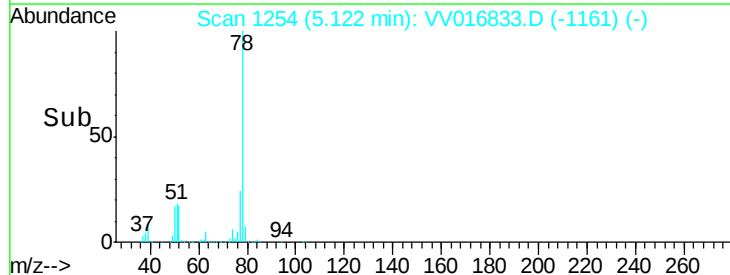
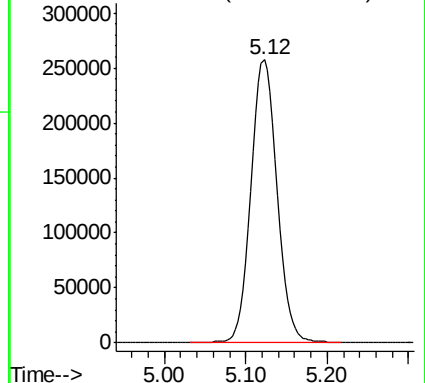
Lab File: VV016833.D

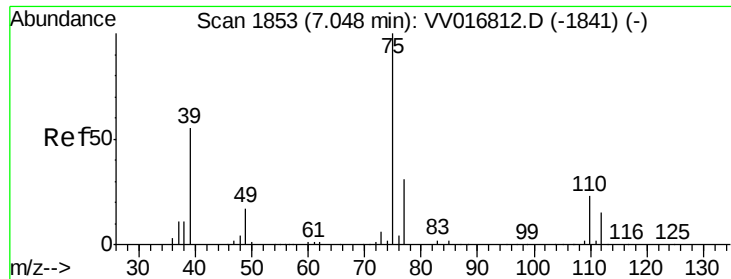
Acq: 11 Jun 2020 17:41

Tgt Ion: 78 Resp: 565762



Abundance Ion 78.00 (77.70 to 78.70): VV016812.D (-1226) (-)



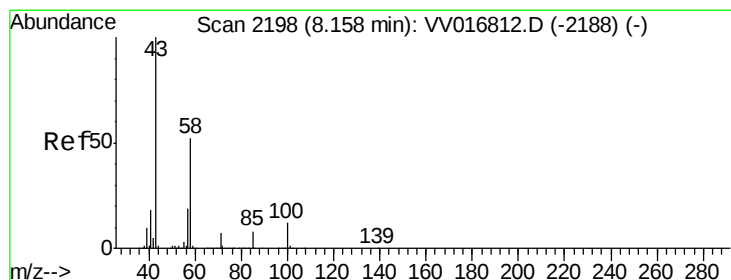
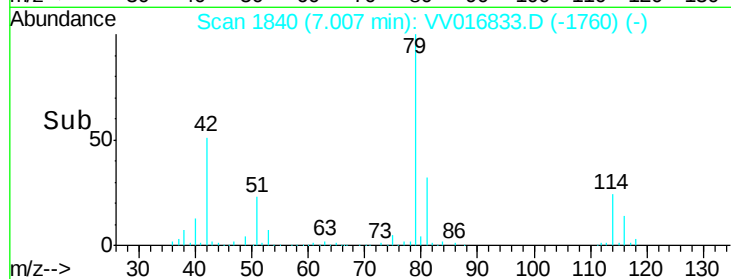
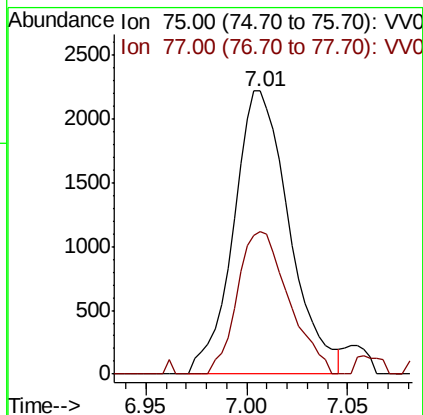
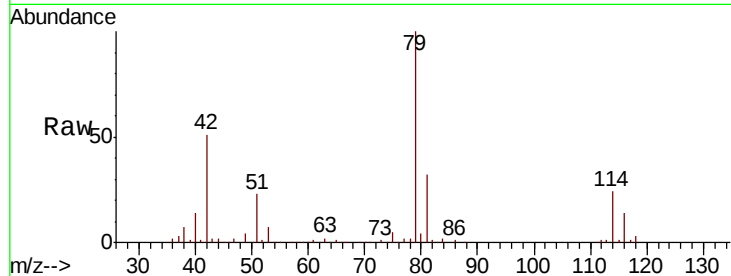


#39

cis-1,3-Dichloropropene
Concen: 1.086 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV016833.D
Acq: 11 Jun 2020 17:41

Instrument :
MSVOA_V
ClientSampled :

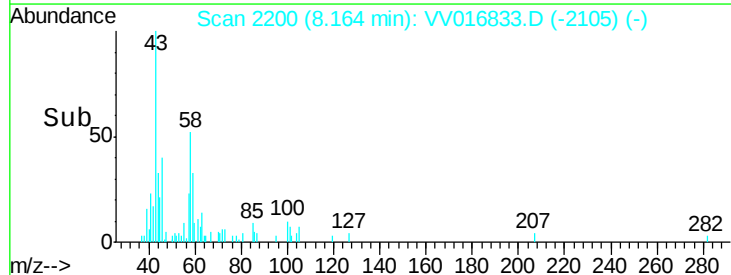
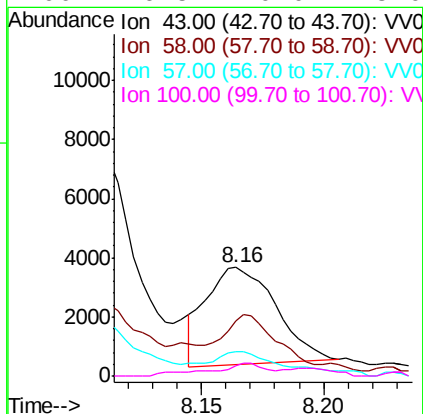
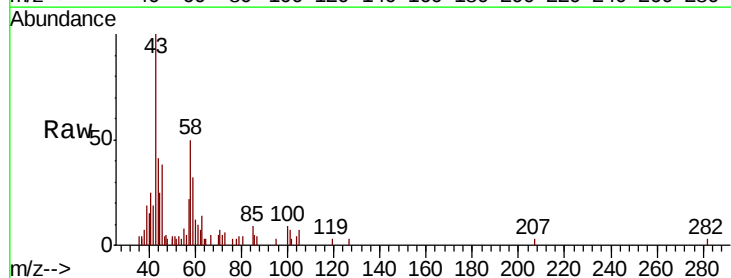
Tot Ion: 75 Resp: 4282
Ion Ratio Lower Upper
75 100
77 50.3 22.7 42.1#

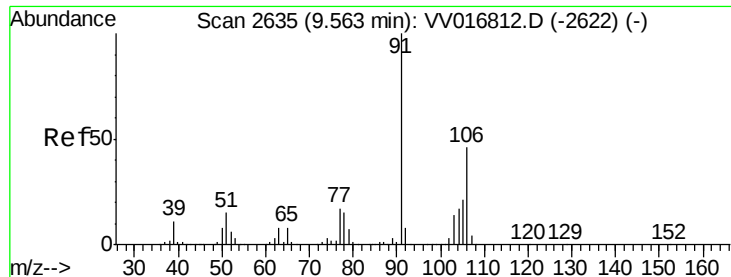


#48

2-Hexanone
Concen: 2.338 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV016833.D
Acq: 11 Jun 2020 17:41

Tgt Ion: 43 Resp: 6519
Ion Ratio Lower Upper
43 100
58 33.8 43.1 64.7#
57 17.0 15.3 22.9
100 6.5 10.0 15.0#

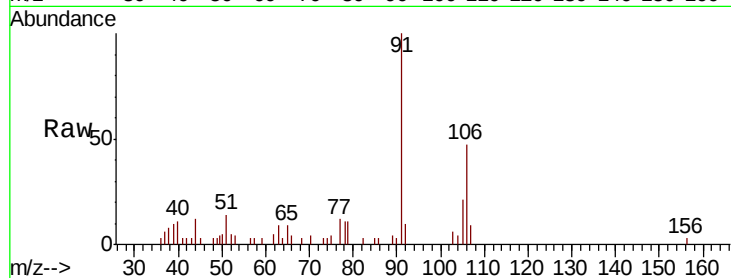




#54
 o-xylene
 Concen: 0.715 ug/L
 RT: 9.57 min Scan# 2637
 Delta R.T. 0.01 min
 Lab File: VV016833.D
 Acq: 11 Jun 2020 17:41

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:106 Resp: 2994
 Ion Ratio Lower Upper
 106 100
 91 211.3 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V
 Ion 91.00 (90.70 to 91.70): VV0

