

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016689.D
 Acq On : 09 Jun 2020 03:18
 Operator : SY/MD
 Sample : L2895-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0LO

Quant Time: Jun 09 05:05:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 03:40:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	324583	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	300817	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143474	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91811	40.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.18%
7) Chloroethane-d5	1.56	69	68250	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.32%
11) 1,1-Dichloroethene-d2	2.12	63	130889	34.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.06%
21) 2-Butanone-d5	3.89	46	174306	102.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.83%
24) Chloroform-d	4.37	84	217415	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.36%
26) 1,2-Dichloroethane-d4	5.05	65	159417	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.66%
32) Benzene-d6	5.07	84	425364	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.10%
36) 1,2-Dichloropropane-d6	6.09	67	132150	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.78%
41) Toluene-d8	7.34	98	380089	47.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.54%
43) trans-1,3-Dichloropropene-	7.64	79	63159	44.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.72%
47) 2-Hexanone-d5	8.11	63	121296	102.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.93%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	183832	51.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	160995	52.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.16%

Target Compounds

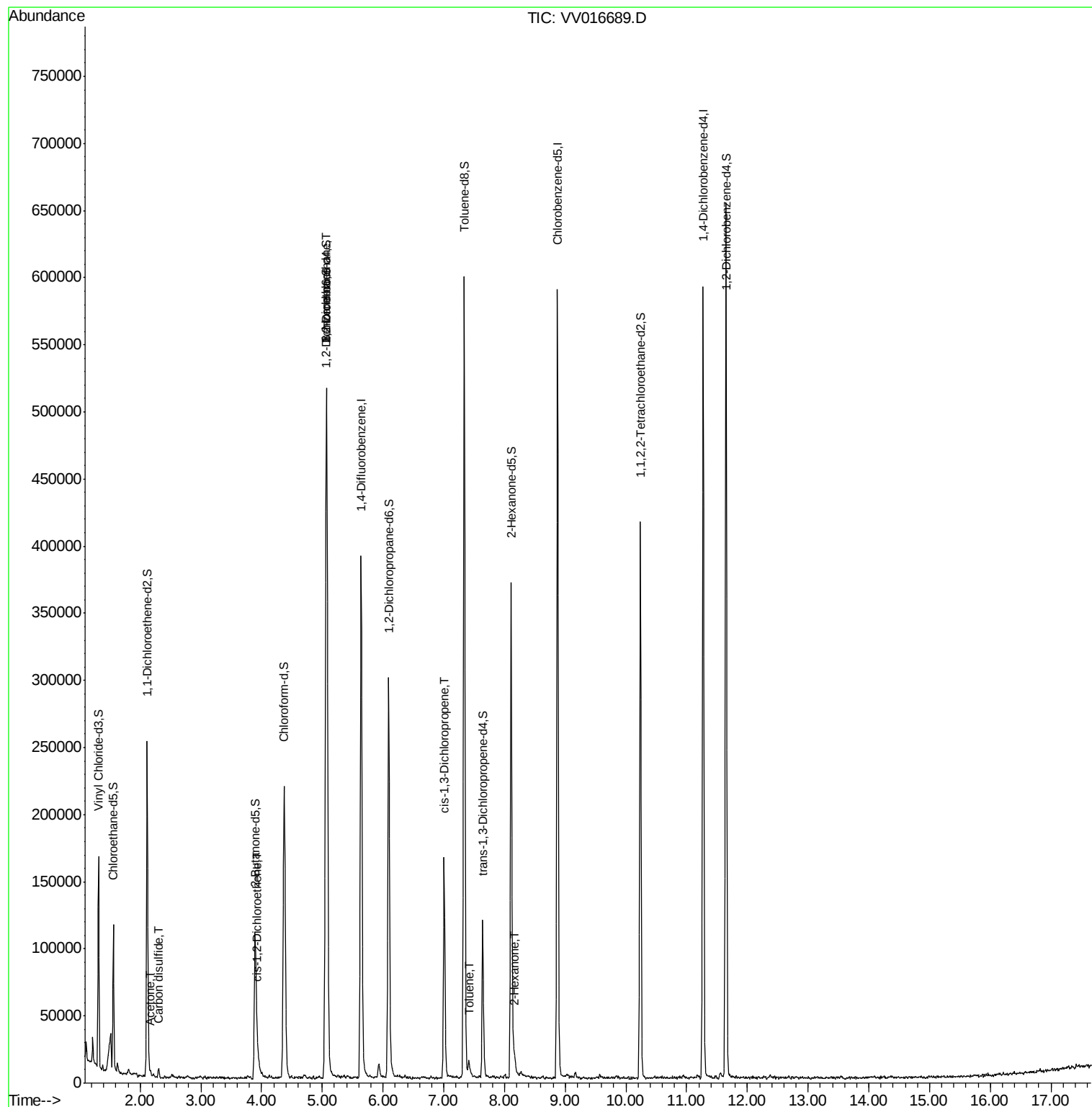
					Ovalue
13) Acetone	2.17	43	3303	2.957 ug/L	99
14) Carbon disulfide	2.31	76	6839	1.173 ug/L #	94
20) cis-1,2-Dichloroethene	3.94	96	4044	1.689 ug/L	93
27) 1,2-Dichloroethane	5.07	62	3068	0.861 ug/L	100
39) cis-1,3-Dichloropropene	7.00	75	4720	1.313 ug/L	84
42) Toluene	7.41	91	8239	0.878 ug/L	99
48) 2-Hexanone	8.17	43	6815	2.680 ug/L #	50

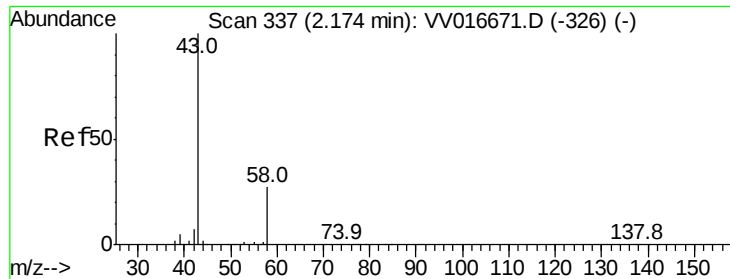
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 09 03:40:57 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.957 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

Lab File: VV016689.D

Acq: 09 Jun 2020 03:18

Instrument :

MSVOA_V

ClientSampleId :

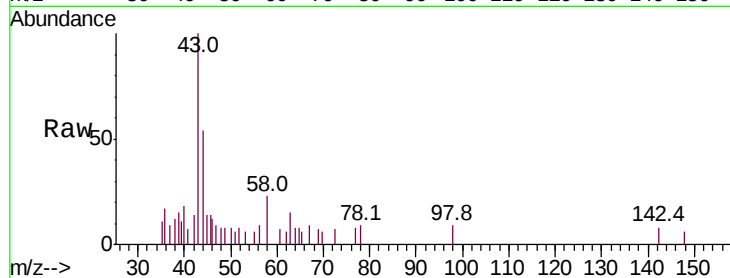
EW0LO

Tot Ion: 43 Resp: 3303

Ion Ratio Lower Upper

43 100

58 27.2 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV016671.D (-326) (-)

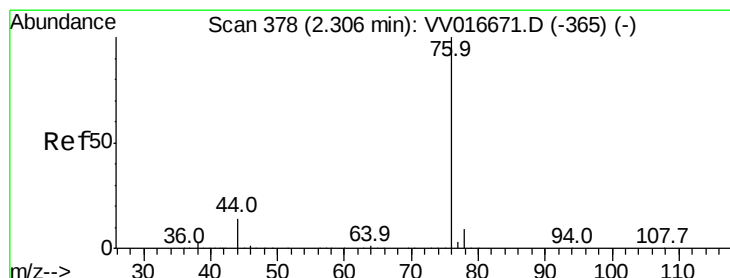
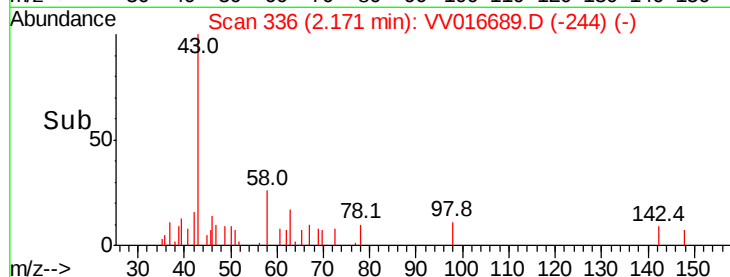
Ion 58.00 (57.70 to 58.70): VV016671.D (-326) (-)

2.17

2.15

2.20

Time-->



#14

Carbon disulfide

Concen: 1.173 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VV016689.D

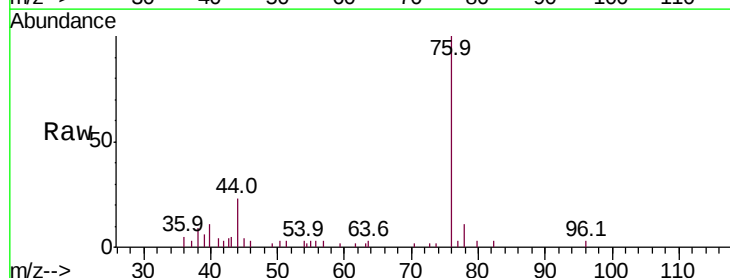
Acq: 09 Jun 2020 03:18

Tgt Ion: 76 Resp: 6839

Ion Ratio Lower Upper

76 100

78 11.5 7.4 11.0#



Abundance Ion 76.00 (75.70 to 76.70): VV016671.D (-365) (-)

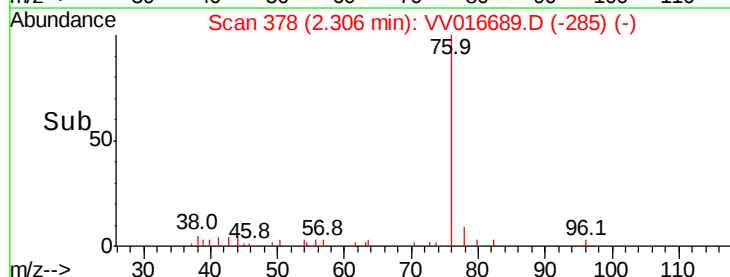
Ion 78.00 (77.70 to 78.70): VV016671.D (-365) (-)

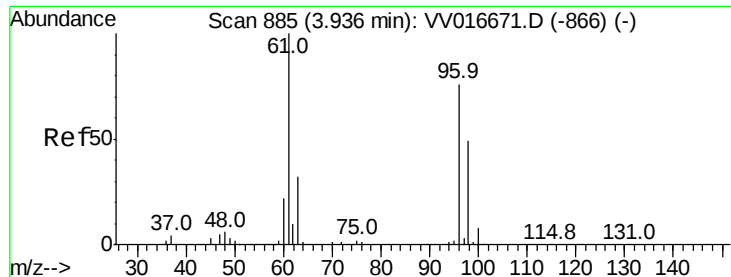
2.31

2.25

2.35

Time-->

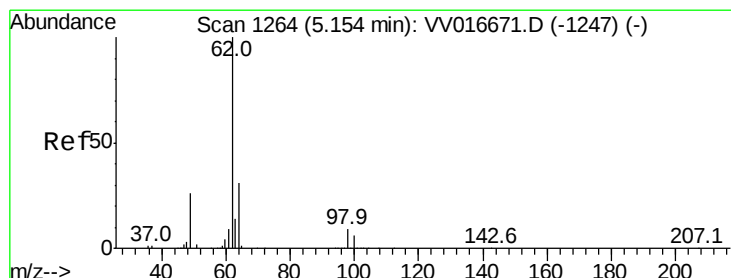
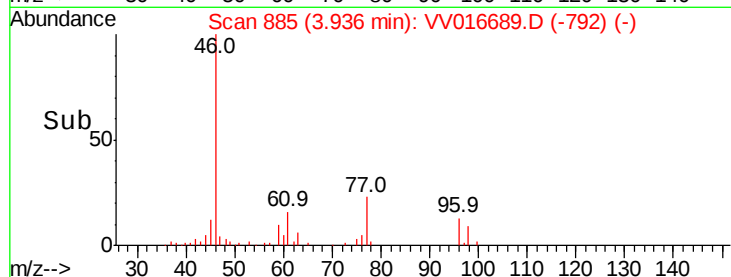
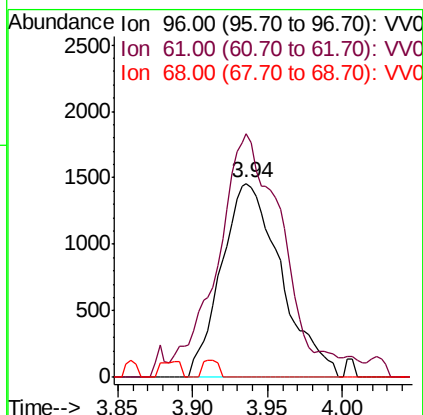
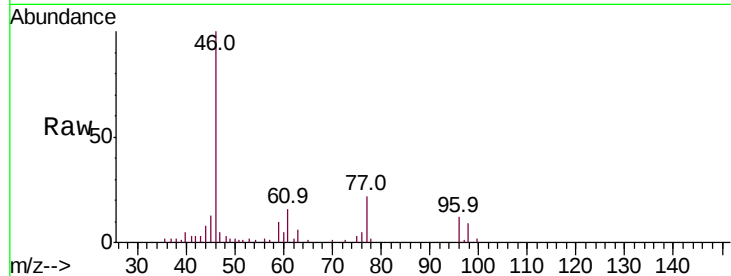




#20
 cis-1,2-Dichloroethene
 Concen: 1.689 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV016689.D
 Acq: 09 Jun 2020 03:18

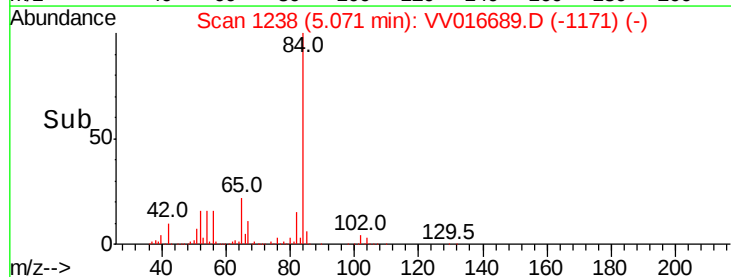
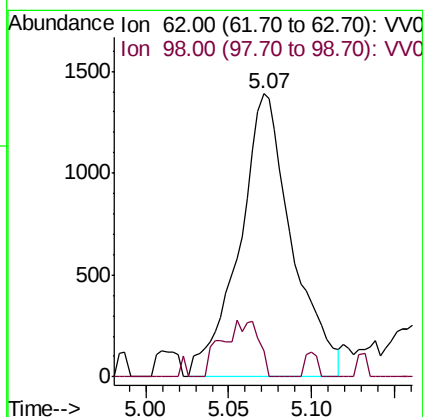
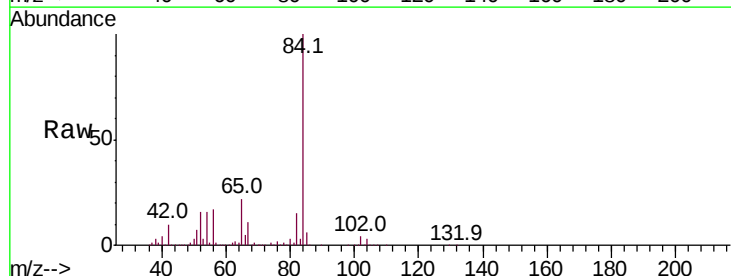
Instrument :
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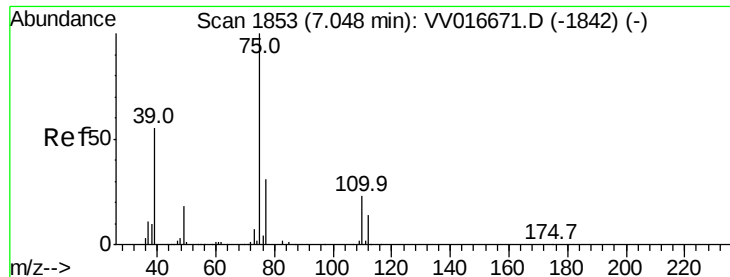
Tot Ion: 96 Resp: 4044
 Ion Ratio Lower Upper
 96 100
 61 125.4 93.4 173.4
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.861 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV016689.D
 Acq: 09 Jun 2020 03:18

Tgt Ion: 62 Resp: 3068
 Ion Ratio Lower Upper
 62 100
 98 9.4 7.4 11.2



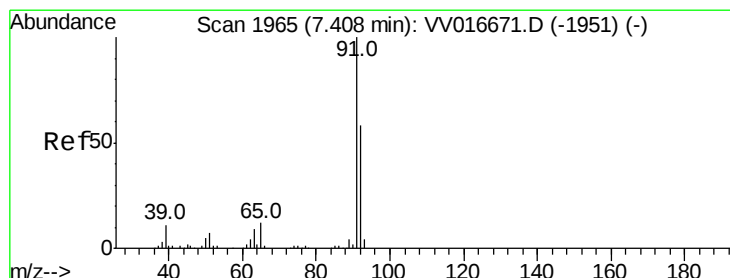
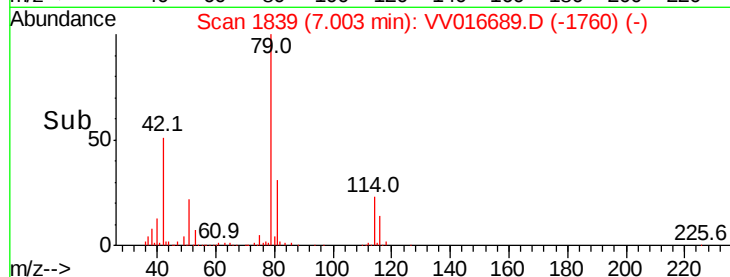
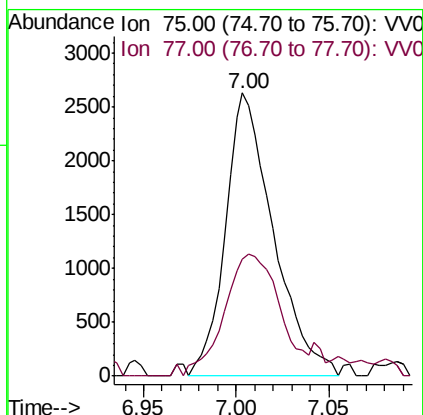
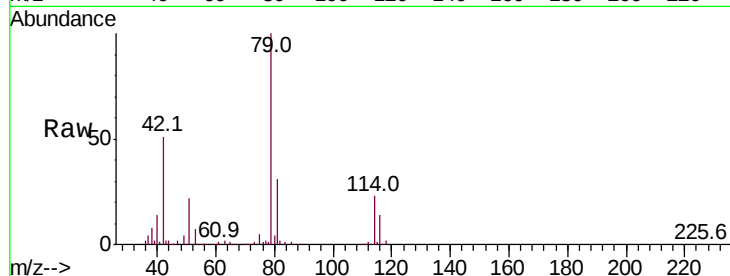


#39

cis-1,3-Dichloropropene
 Concen: 1.313 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV016689.D
 Acq: 09 Jun 2020 03:18

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0LO

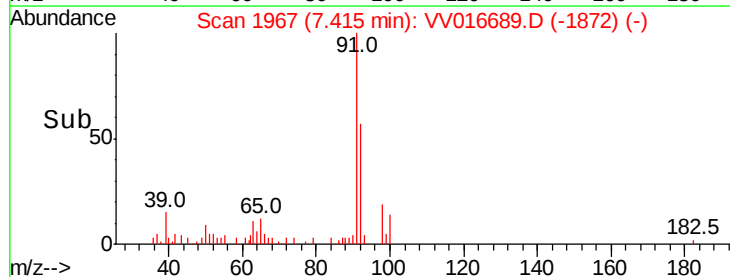
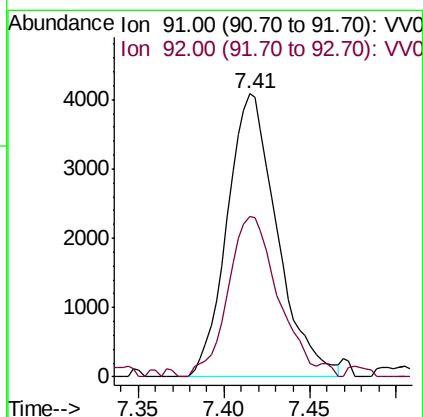
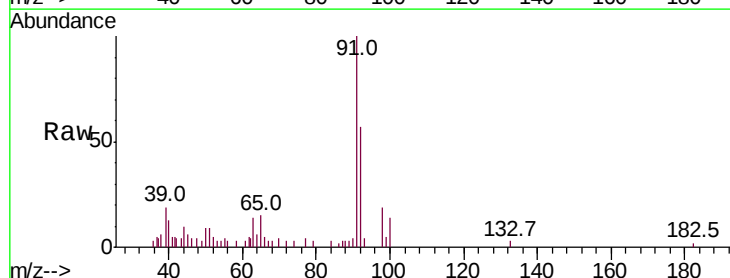
Tot Ion: 75 Resp: 4720
 Ion Ratio Lower Upper
 75 100
 77 41.4 22.7 42.1

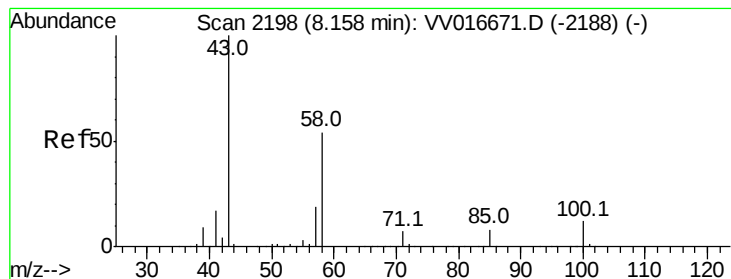


#42

Toluene
 Concen: 0.878 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV016689.D
 Acq: 09 Jun 2020 03:18

Tgt Ion: 91 Resp: 8239
 Ion Ratio Lower Upper
 91 100
 92 56.9 40.4 75.0





#48
 2-Hexanone
 Concen: 2.680 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV016689.D
 Acq: 09 Jun 2020 03:18

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0LO

Tot Ion: 43 Resp: 6815
 Ion Ratio Lower Upper
 43 100
 58 4.0 43.1 64.7#
 57 25.1 15.3 22.9#
 100 4.2 10.0 15.0#

