

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
 Data File : VV015982.D
 Acq On : 11 May 2020 12:18
 Operator : SY/MD
 Sample : L2520-21
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 12 01:09:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 12 01:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	143447	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	141213	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65485	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32174	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.58	69	33402	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.12	63	54726	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.91	46	113804	51.27	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.54%
24) Chloroform-d	4.38	84	86374	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.06	65	49510	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.07	84	162504	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.09	67	52005	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.34	98	147000	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
45) trans-1,3-Dichloropropene-	7.64	79	19215	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
48) 2-Hexanone-d5	8.11	63	82975	46.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.84%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38135	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	56406	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

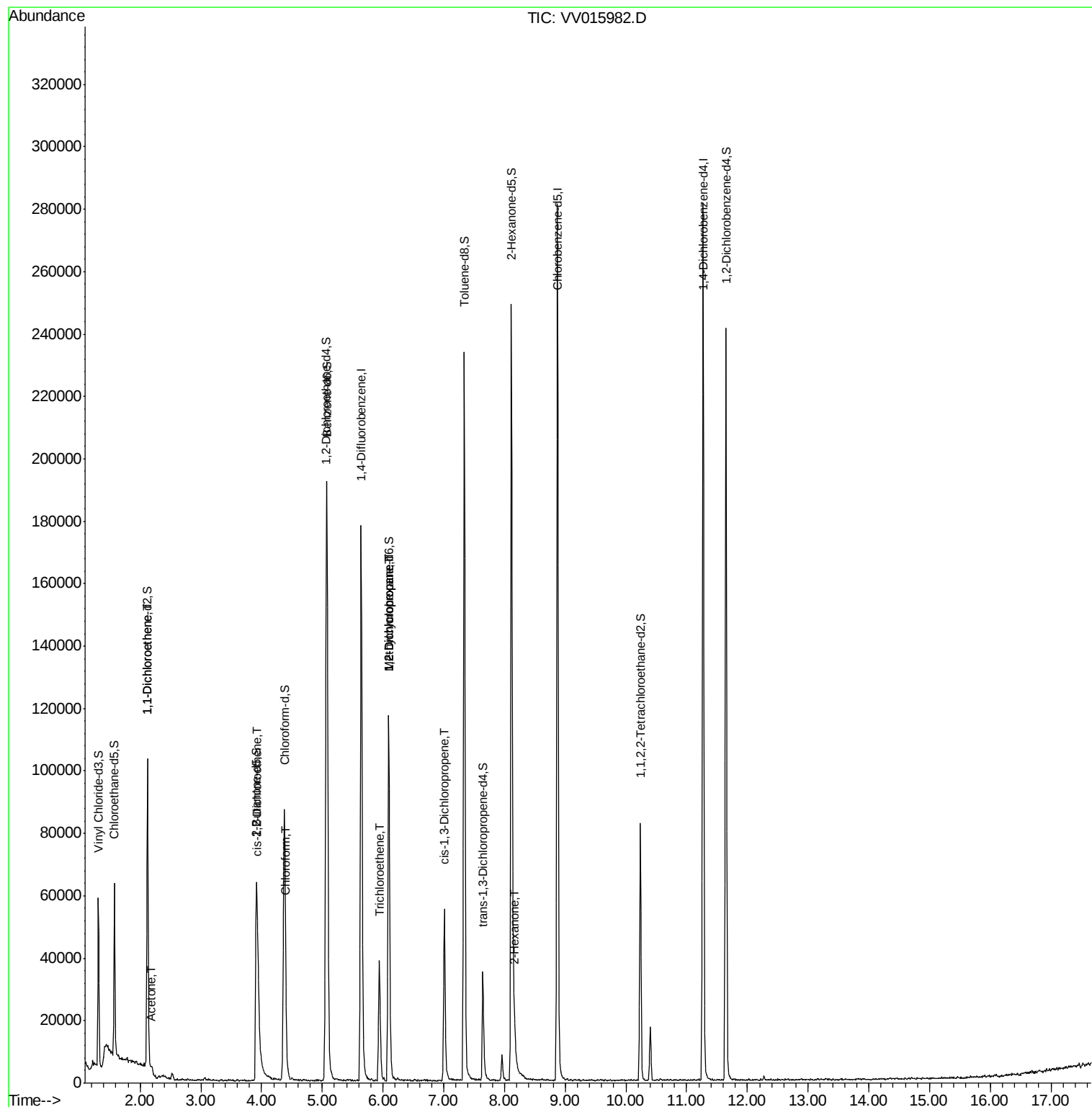
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	606	0.077	ug/L #	1
13) Acetone	2.19	43	4346	2.968	ug/L	74
22) cis-1,2-Dichloroethene	3.94	96	4867	0.533	ug/L	98
25) Chloroform	4.41	83	2655	0.143	ug/L	85
34) Trichloroethene	5.94	95	13254	1.307	ug/L	97
35) Methylcyclohexane	6.09	83	13288	0.866	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	6905	0.765	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1708	0.134	ug/L #	69
50) 2-Hexanone	8.17	43	6463	1.624	ug/L #	81

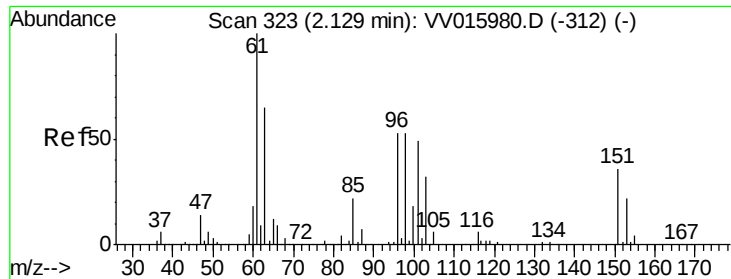
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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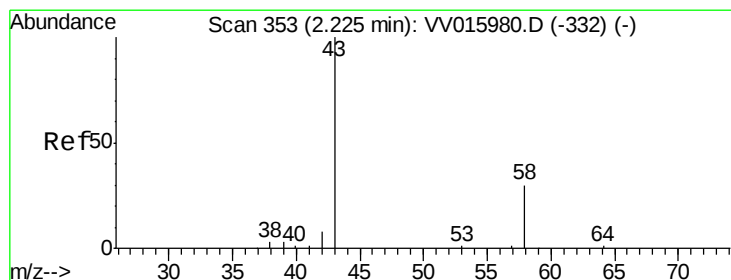
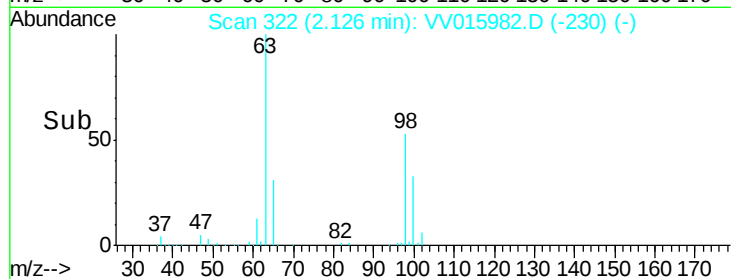
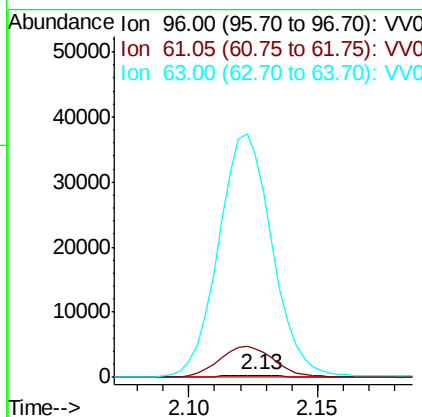
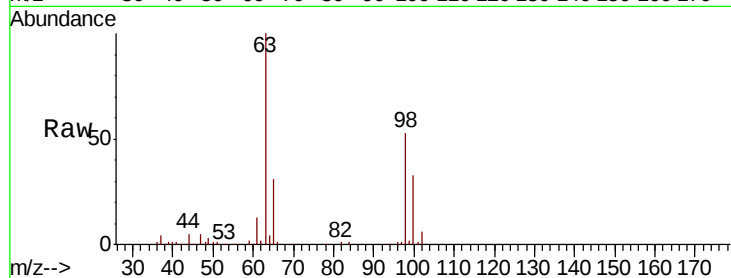




#12
 1,1-Dichloroethene
 Concen: 0.077 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VV015982.D
 Acq: 11 May 2020 12:18

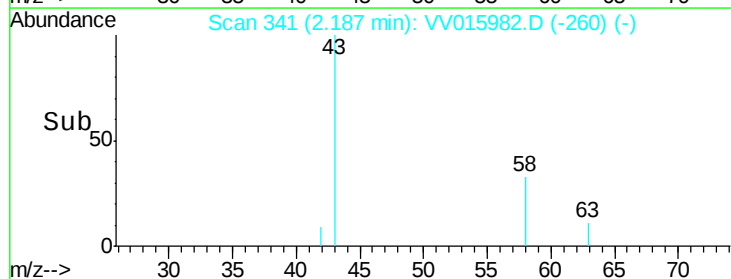
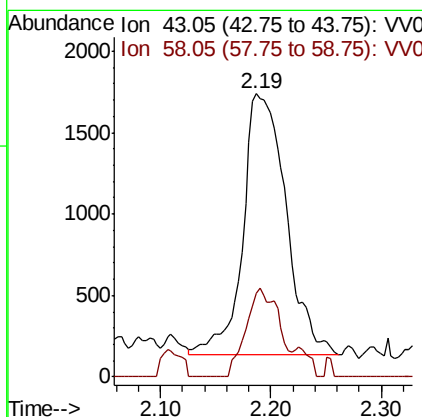
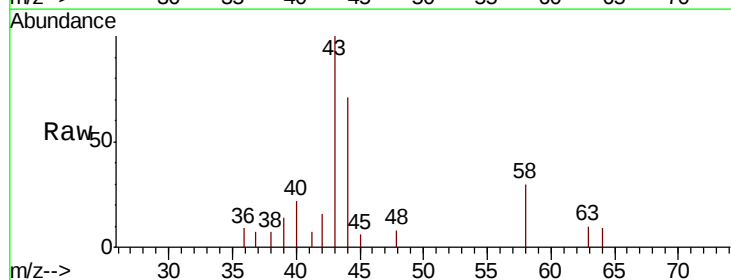
Instrument :
 MSVOA_V
 ClientSampleId :

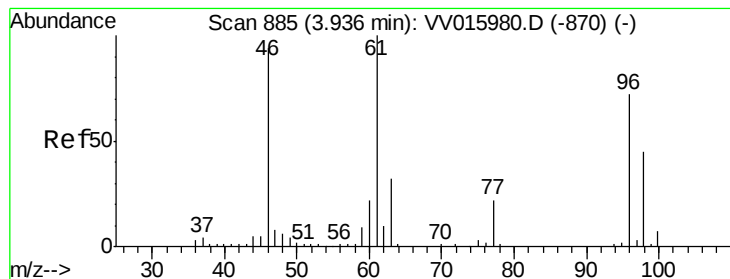
Tot Ion: 96 Resp: 606
 Ion Ratio Lower Upper
 96 100
 61 1250.0 139.9 259.7#
 63 9718.2 106.4 197.6#



#13
 Acetone
 Concen: 2.968 ug/L
 RT: 2.19 min Scan# 341
 Delta R.T. -0.04 min
 Lab File: VV015982.D
 Acq: 11 May 2020 12:18

Tgt Ion: 43 Resp: 4346
 Ion Ratio Lower Upper
 43 100
 58 26.1 0.0 30.8





#22

cis-1,2-Dichloroethene

Concen: 0.533 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.00 min

Lab File: VV015982.D

Acq: 11 May 2020 12:18

Instrument :

MSVOA_V

ClientSampleId :

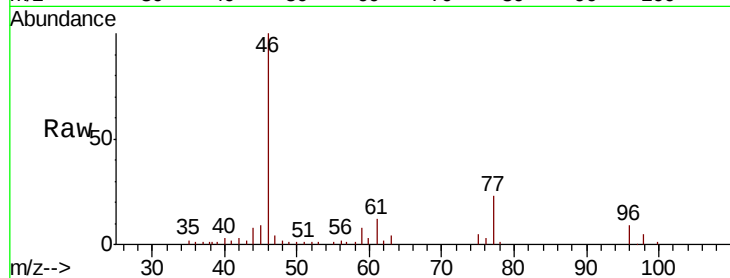
Tot Ion: 96 Resp: 4867

Ion Ratio Lower Upper

96 100

61 136.4 97.2 180.6

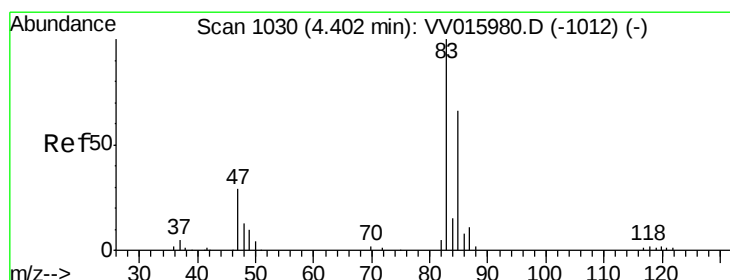
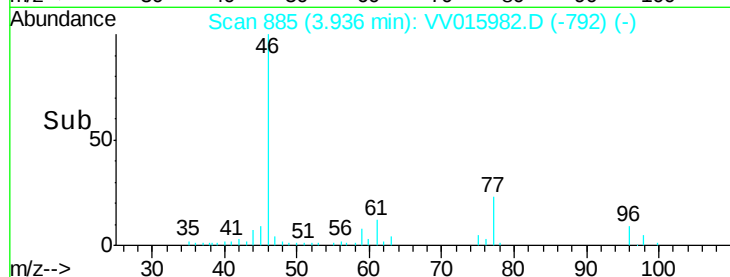
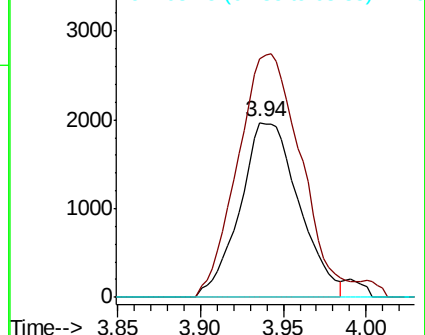
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV015980.D (-870) (-)

Ion 61.05 (60.75 to 61.75): VV015980.D (-870) (-)

Ion 68.15 (67.85 to 68.85): VV015980.D (-870) (-)



#25

Chloroform

Concen: 0.143 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015982.D

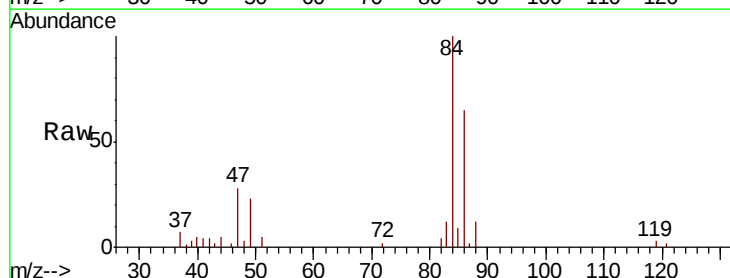
Acq: 11 May 2020 12:18

Tgt Ion: 83 Resp: 2655

Ion Ratio Lower Upper

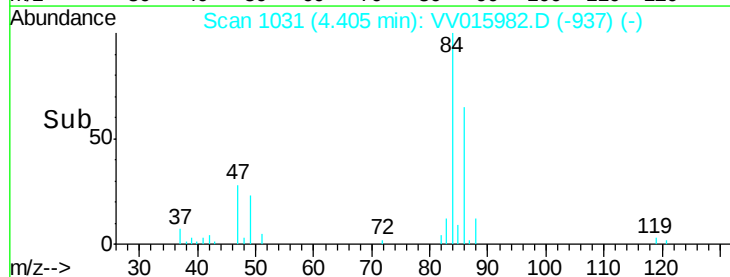
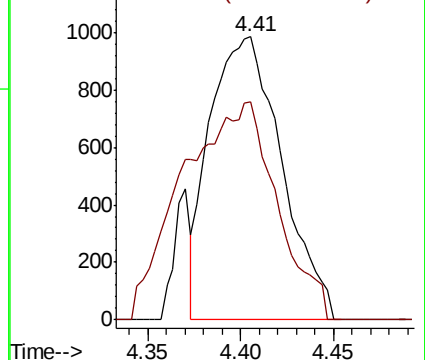
83 100

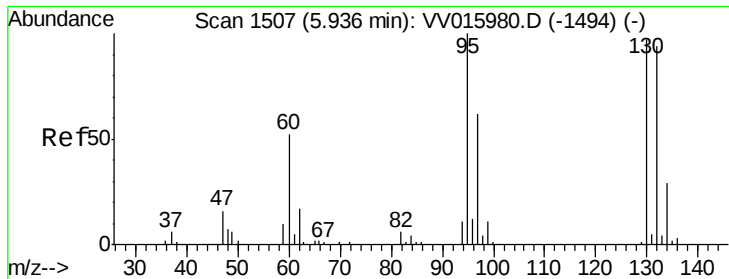
85 76.9 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV015980.D (-1012) (-)

Ion 85.00 (84.70 to 85.70): VV015980.D (-1012) (-)





#34

Trichloroethene

Concen: 1.307 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV015982.D

Acq: 11 May 2020 12:18

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 13254

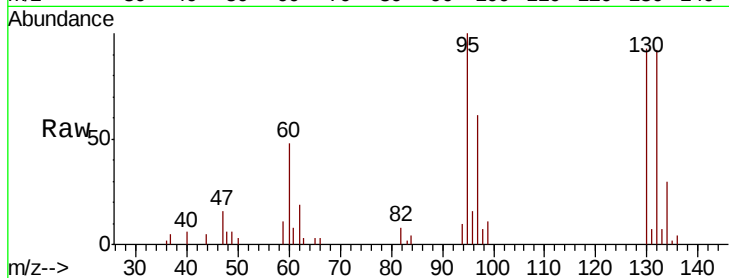
Ion Ratio Lower Upper

95 100

97 60.7 43.3 80.5

132 91.5 60.3 112.1

130 93.3 66.0 122.6

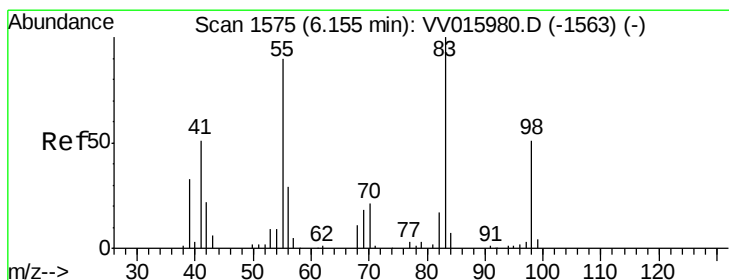
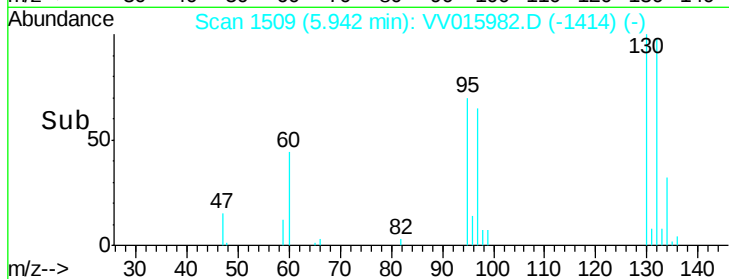
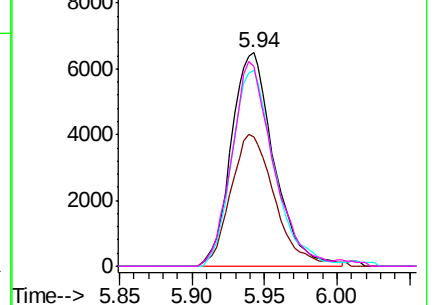


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.866 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV015982.D

Acq: 11 May 2020 12:18

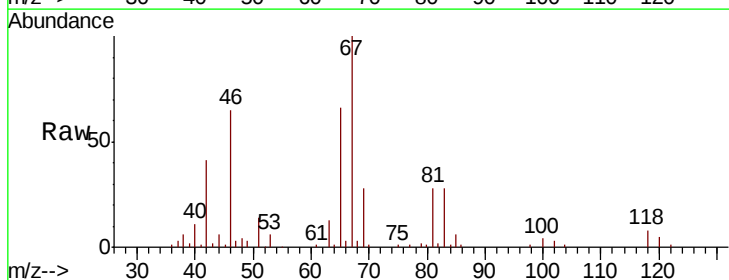
Tgt Ion: 83 Resp: 13288

Ion Ratio Lower Upper

83 100

55 0.6 66.2 99.2#

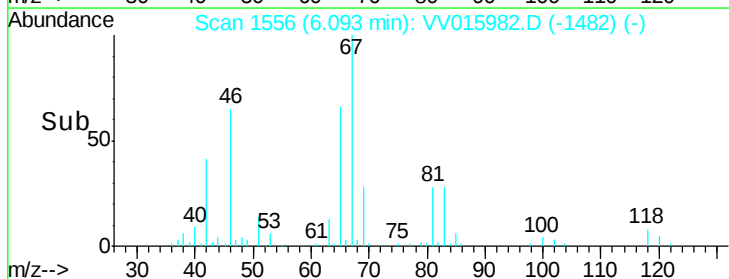
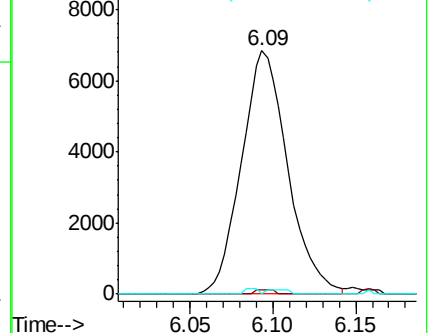
98 0.8 37.9 56.9#

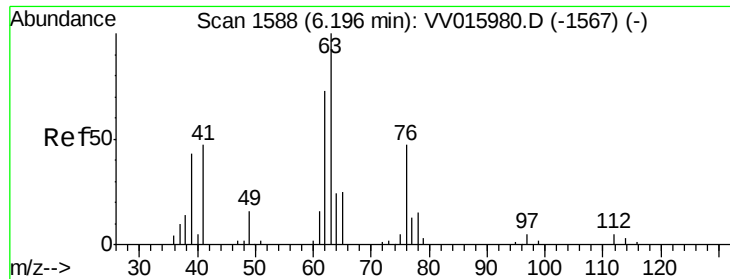


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

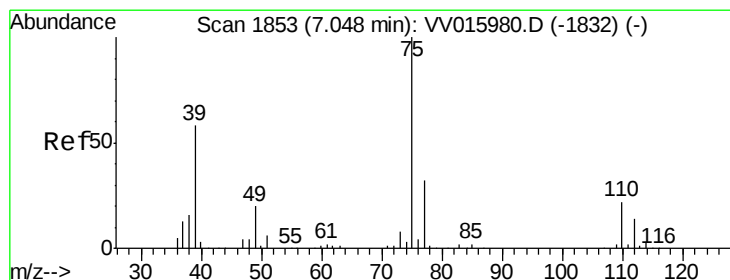
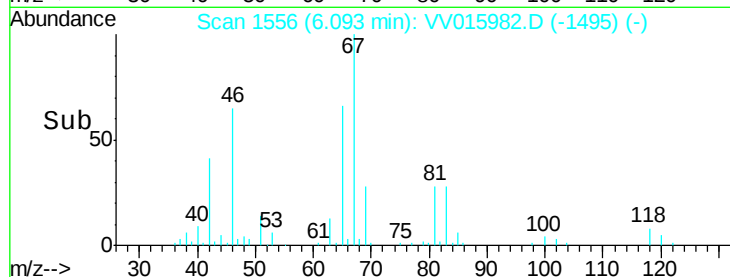
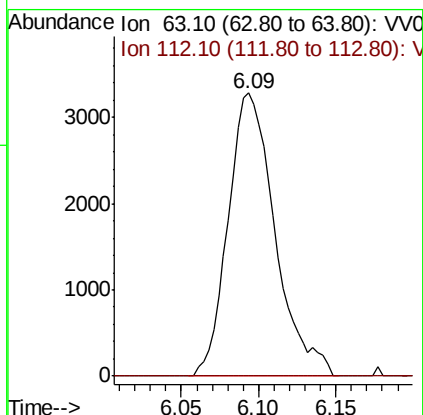
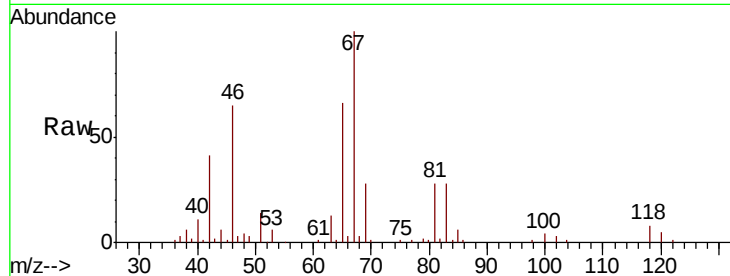




#37
 1,2-Dichloropropane
 Concen: 0.765 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015982.D
 Acq: 11 May 2020 12:18

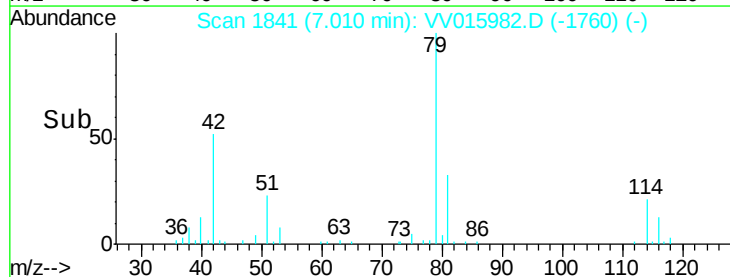
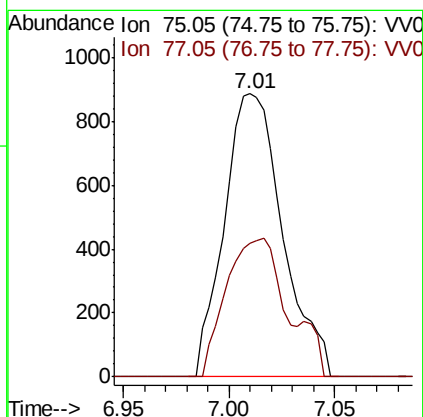
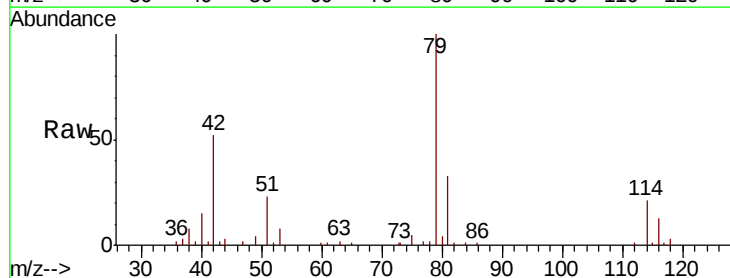
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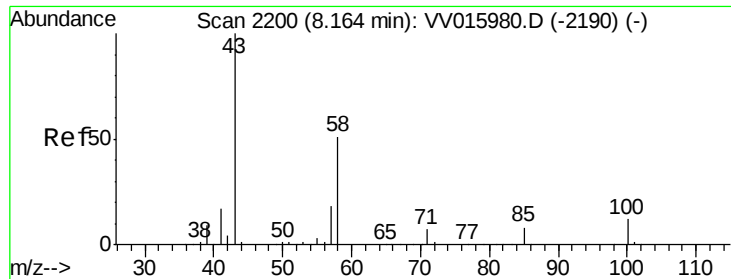
Tot Ion: 63 Resp: 6905
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.134 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015982.D
 Acq: 11 May 2020 12:18

Tgt Ion: 75 Resp: 1708
 Ion Ratio Lower Upper
 75 100
 77 47.1 21.3 39.5#





#50

2-Hexanone

Concen: 1.624 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV015982.D

Acq: 11 May 2020 12:18

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 6463

Ion Ratio Lower Upper

43 100

58 35.7 40.8 61.2#

57 25.2 14.7 22.1#

100 5.7 9.0 13.6#

