

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV123120\
 Data File : VV019880.D
 Acq On : 31 Dec 2020 14:28
 Operator : SY/MD
 Sample : VV1231WBL07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK307

Quant Time: Jan 01 00:39:15 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR122920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 01 00:38:14 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	283781	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	273015	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.26	152	124559	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.30	65	88442	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.57	69	77624	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.10	63	138469	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.94	46	186307	43.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.48%
24) Chloroform-d	4.35	84	159775	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.04	65	87306	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.05	84	330953	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.08	67	102446	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.32	98	279787	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.63	79	33010	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.10	63	127551	40.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.88%
56) 1,1,2,2-Tetrachloroethane-	10.23	84	56693	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.60%
66) 1,2-Dichlorobenzene-d4	11.63	152	89601	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

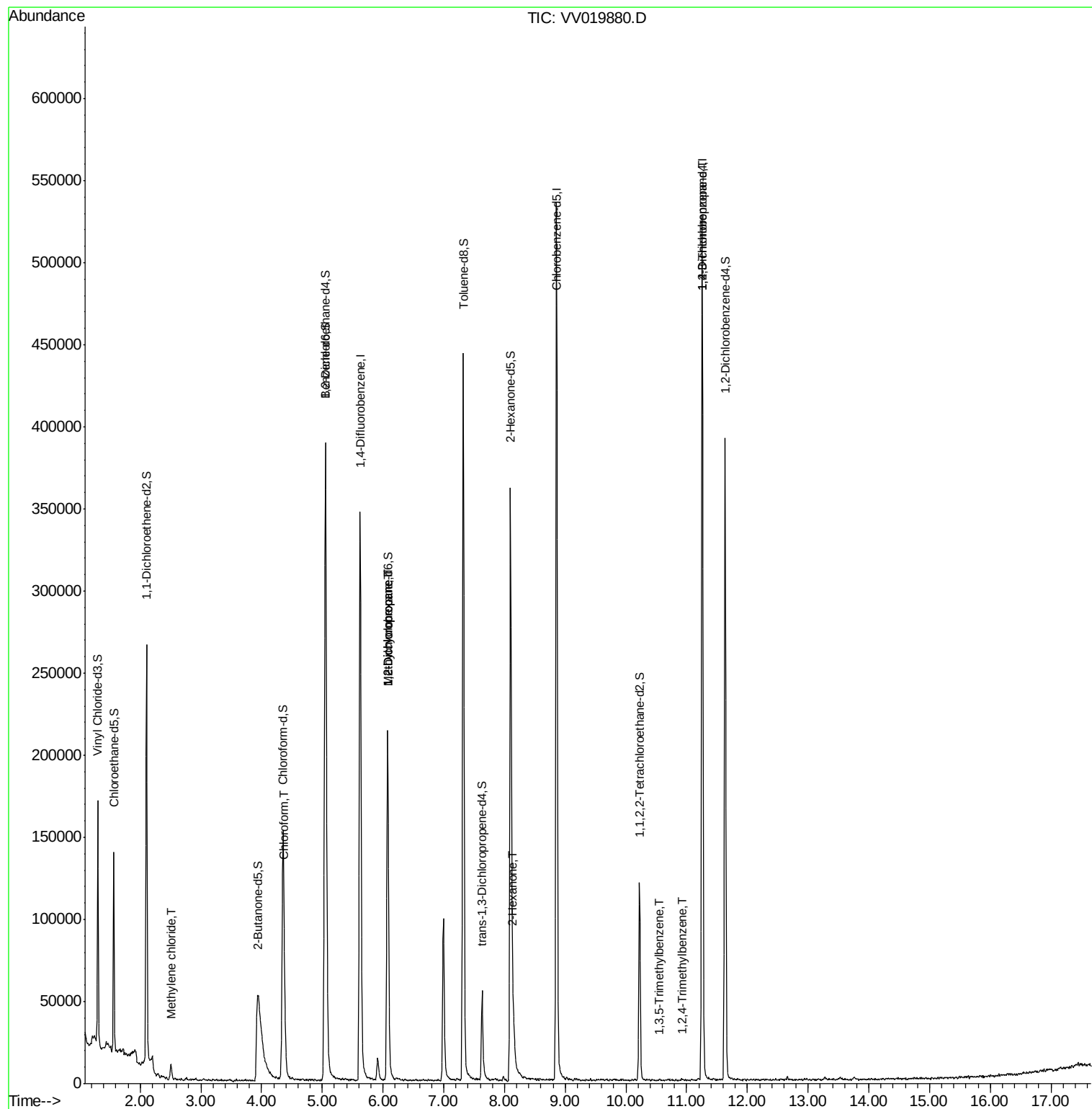
					Ovalue
16) Methylene chloride	2.51	84	3305	0.138 ug/L	91
25) Chloroform	4.38	83	13801	0.323 ug/L	100
35) Methylcyclohexane	6.08	83	25035	0.685 ug/L #	16
37) 1,2-Dichloropropane	6.08	63	12673	0.553 ug/L #	88
48) 2-Hexanone	8.14	43	14976	1.669 ug/L #	89
61) 1,2,3-Trichloropropane	11.25	75	18713	1.554 ug/L #	67
62) 1,3,5-Trimethylbenzene	10.54	105	291	0.004 ug/L #	29
63) 1,2,4-Trimethylbenzene	10.93	105	327	0.004 ug/L #	32

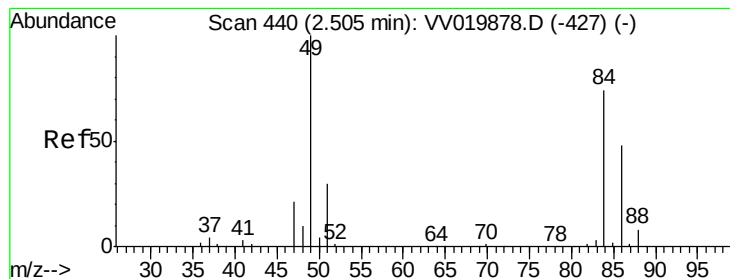
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 01 00:38:14 2021
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.138 ug/L

RT: 2.51 min Scan# 440

Delta R.T. 0.00 min

Lab File: VV019880.D

Acq: 31 Dec 2020 14:28

Instrument :

MSVOA_V

ClientSampleId :

VBLK307

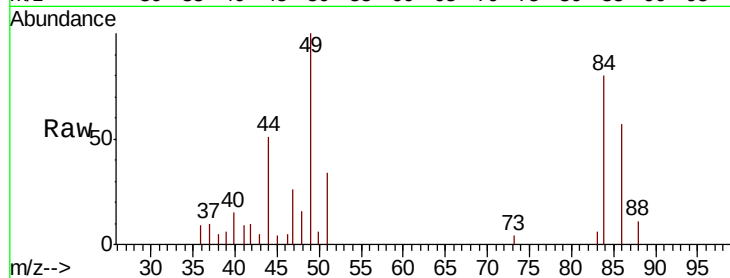
Tot Ion: 84 Resp: 3305

Ion Ratio Lower Upper

84 100

86 71.4 42.8 79.4

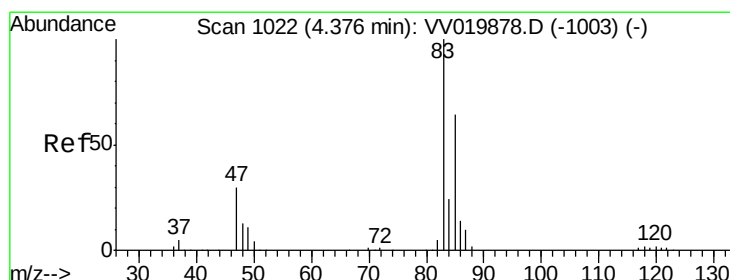
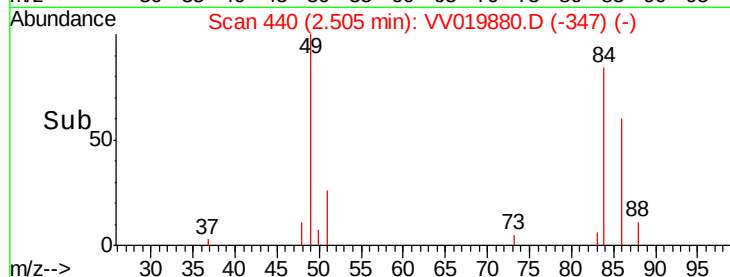
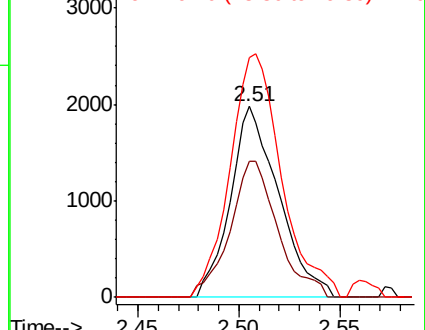
49 125.3 93.9 174.3



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



#25

Chloroform

Concen: 0.323 ug/L

RT: 4.38 min Scan# 1023

Delta R.T. 0.00 min

Lab File: VV019880.D

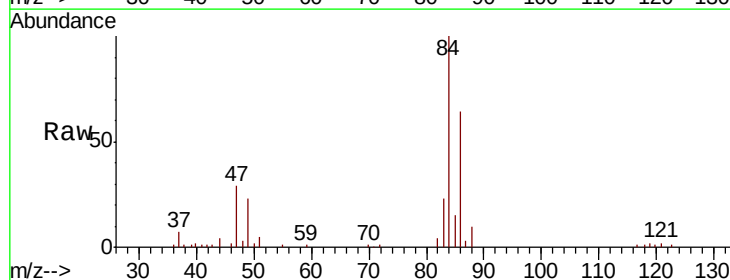
Acq: 31 Dec 2020 14:28

Tgt Ion: 83 Resp: 13801

Ion Ratio Lower Upper

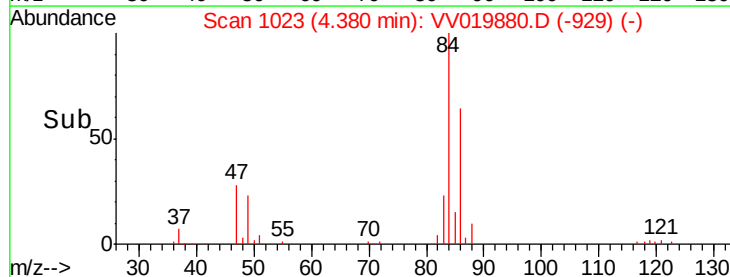
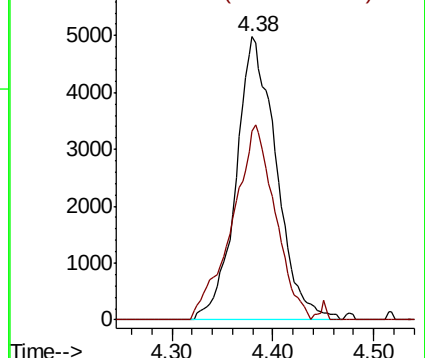
83 100

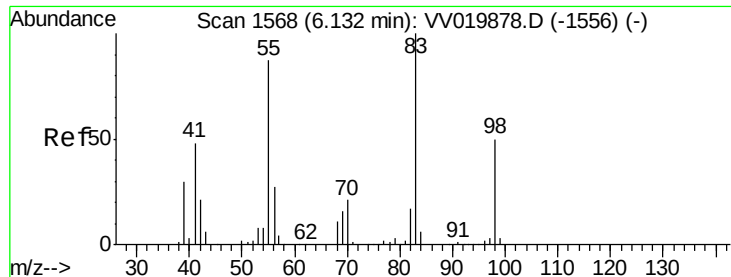
85 66.5 46.4 86.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

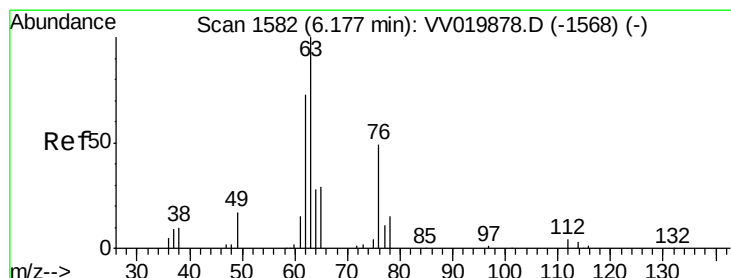
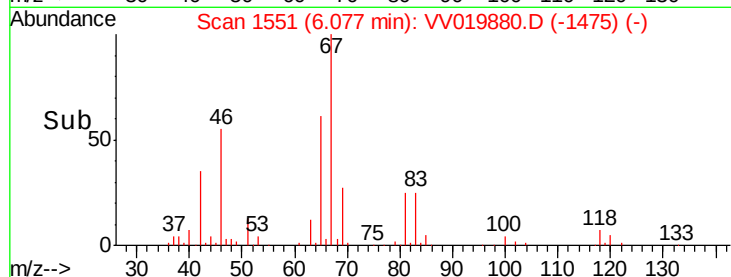
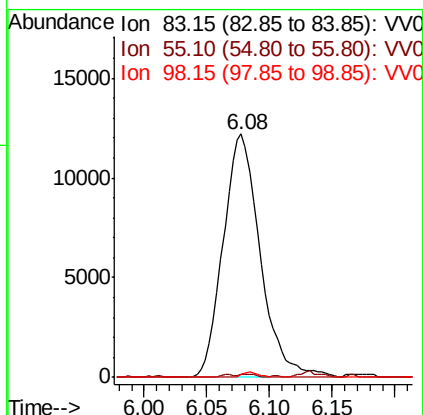
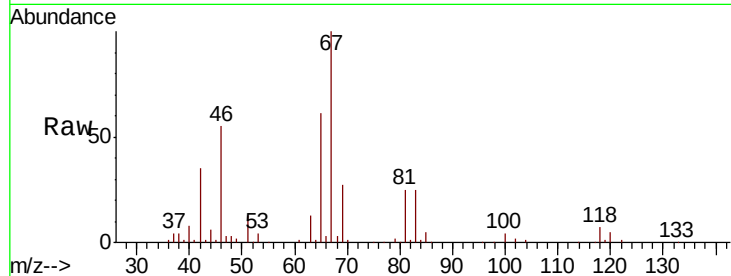




#35
Methvlcvclohexane
Concen: 0.685 ug/L
RT: 6.08 min Scan# 1551
Delta R.T. -0.05 min
Lab File: VV019880.D
Acq: 31 Dec 2020 14:28

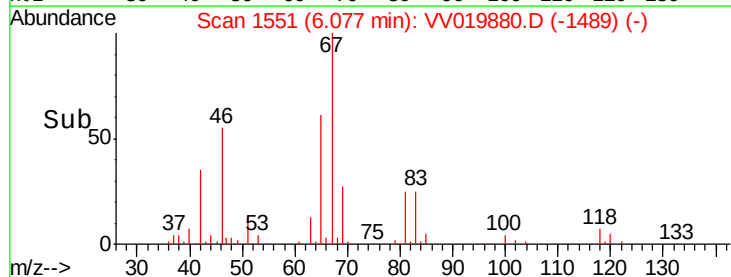
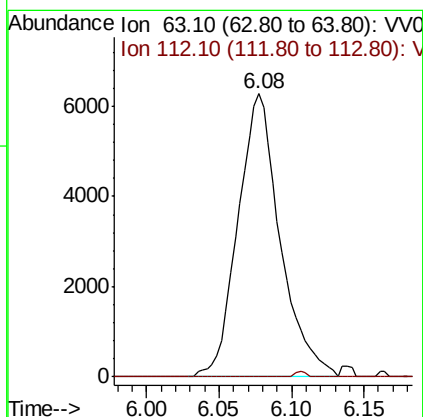
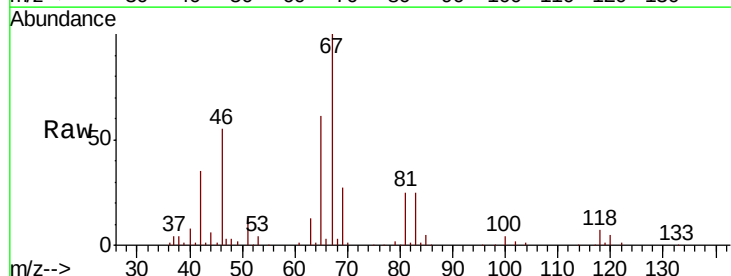
Instrument :
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ClientSampleId :
VBLK307

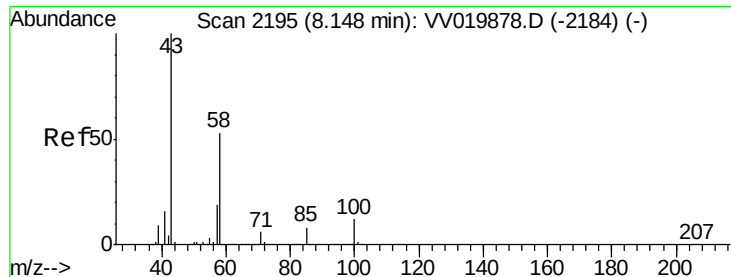
Tot Ion: 83 Resp: 25035
Ion Ratio Lower Upper
83 100
55 0.5 67.5 101.3#
98 0.9 38.6 58.0#



#37
1,2-Dichloropropane
Concen: 0.553 ug/L
RT: 6.08 min Scan# 1551
Delta R.T. -0.10 min
Lab File: VV019880.D
Acq: 31 Dec 2020 14:28

Tgt Ion: 63 Resp: 12673
Ion Ratio Lower Upper
63 100
112 0.5 3.6 5.4#

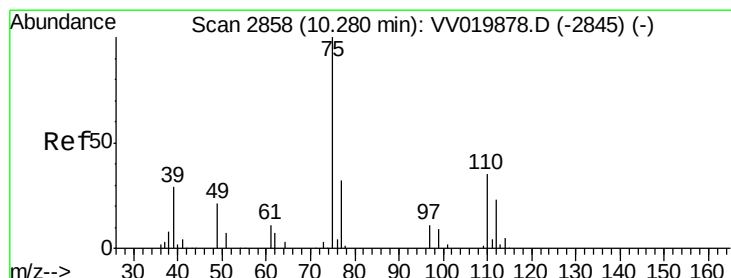
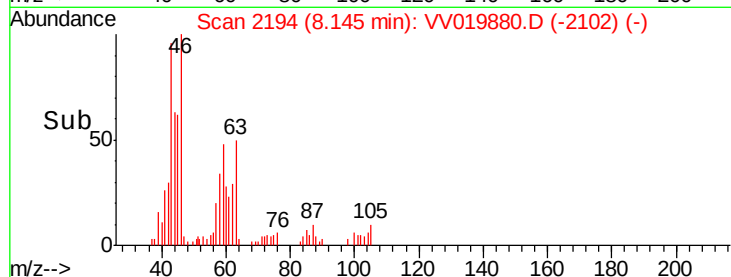
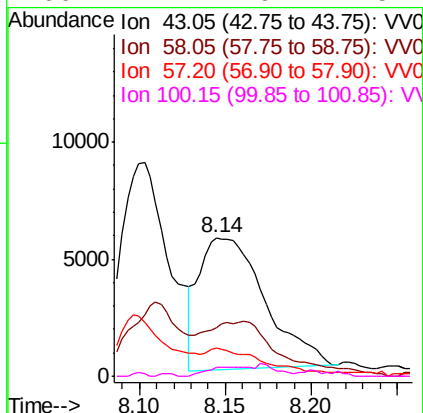
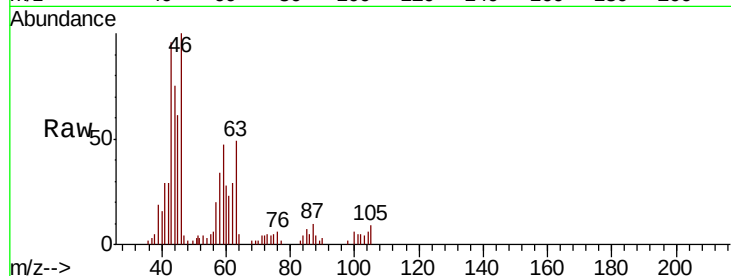




#48
 2-Hexanone
 Concen: 1.669 ug/L
 RT: 8.14 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VV019880.D
 Acq: 31 Dec 2020 14:28

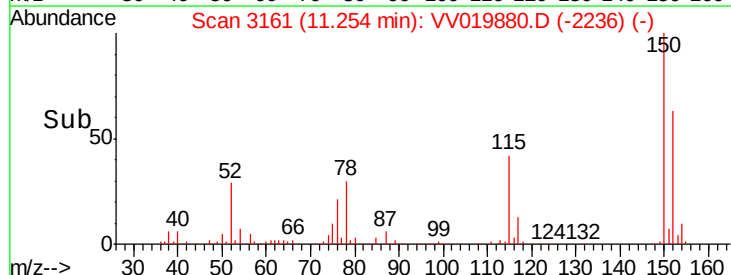
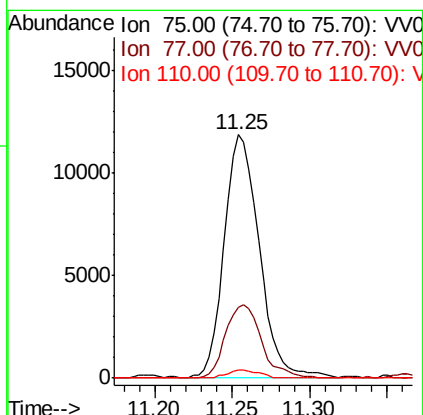
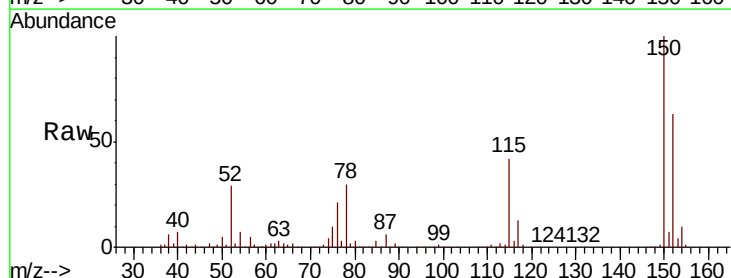
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK307

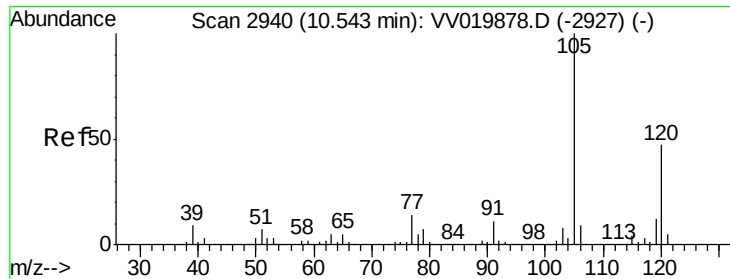
Tot Ion: 43 Resp: 14976
 Ion Ratio Lower Upper
 43 100
 58 45.0 42.4 63.6
 57 16.3 14.8 22.2
 100 4.4 9.1 13.7#



#61
 1,2,3-Trichloropropane
 Concen: 1.554 ug/L
 RT: 11.25 min Scan# 3161
 Delta R.T. 0.97 min
 Lab File: VV019880.D
 Acq: 31 Dec 2020 14:28

Tgt Ion: 75 Resp: 18713
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.6 38.4
 110 2.8 30.5 45.7#

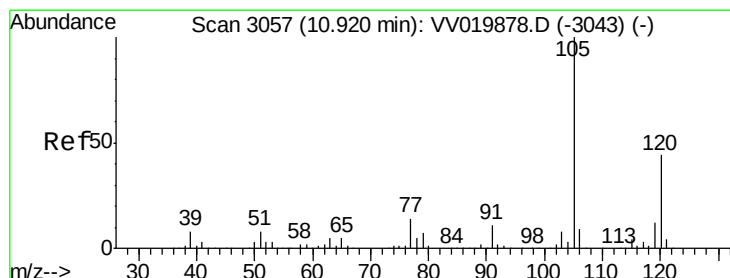
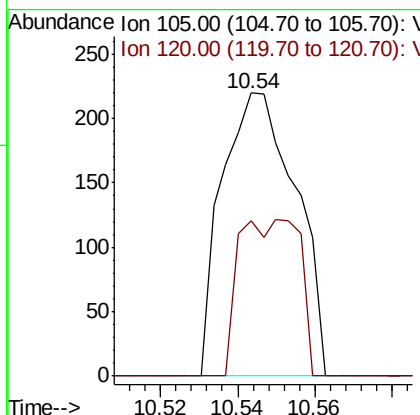
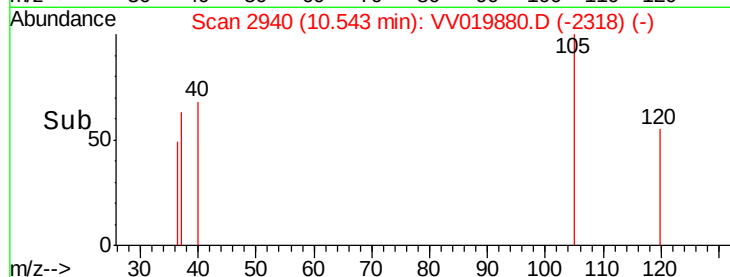
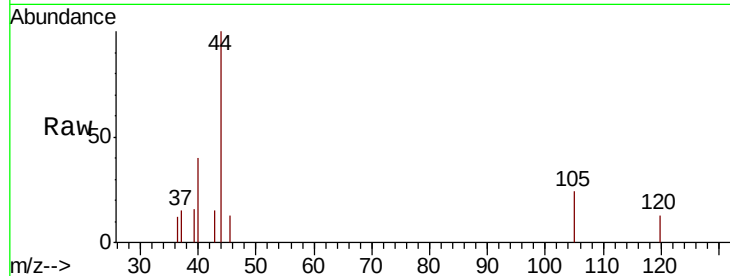




#62
 1,3,5-Trimethylbenzene
 Concen: 0.004 ug/L
 RT: 10.54 min Scan# 2940
 Delta R.T. 0.00 min
 Lab File: VV019880.D
 Acq: 31 Dec 2020 14:28

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK307

Tot Ion:105 Resp: 291
 Ion Ratio Lower Upper
 105 100
 120 0.0 37.8 56.6#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.004 ug/L
 RT: 10.93 min Scan# 3060
 Delta R.T. 0.01 min
 Lab File: VV019880.D
 Acq: 31 Dec 2020 14:28

Tgt Ion:105 Resp: 327
 Ion Ratio Lower Upper
 105 100
 120 0.0 34.9 52.3#

