

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102120\
 Data File : VV019056.D
 Acq On : 21 Oct 2020 18:07
 Operator : SY/MD
 Sample : L4471-09 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Z8

Quant Time: Oct 22 06:10:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 06:00:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	325613	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	280247	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	138593	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	129309	48.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.50%
7) Chloroethane-d5	1.58	69	109175	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.82%
11) 1,1-Dichloroethene-d2	2.12	63	196866	38.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.82%
21) 2-Butanone-d5	3.91	46	187614	100.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.42%
24) Chloroform-d	4.38	84	234272	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.30%
26) 1,2-Dichloroethane-d4	5.06	65	165684	51.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.66%
32) Benzene-d6	5.07	84	465052	56.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.68%
36) 1,2-Dichloropropane-d6	6.09	67	121863	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.18%
41) Toluene-d8	7.34	98	344581	46.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.90%
43) trans-1,3-Dichloropropene-	7.64	79	62333	48.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.50%
47) 2-Hexanone-d5	8.11	63	85541	88.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.03%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	132086	43.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	142088	50.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.78%

Target Compounds

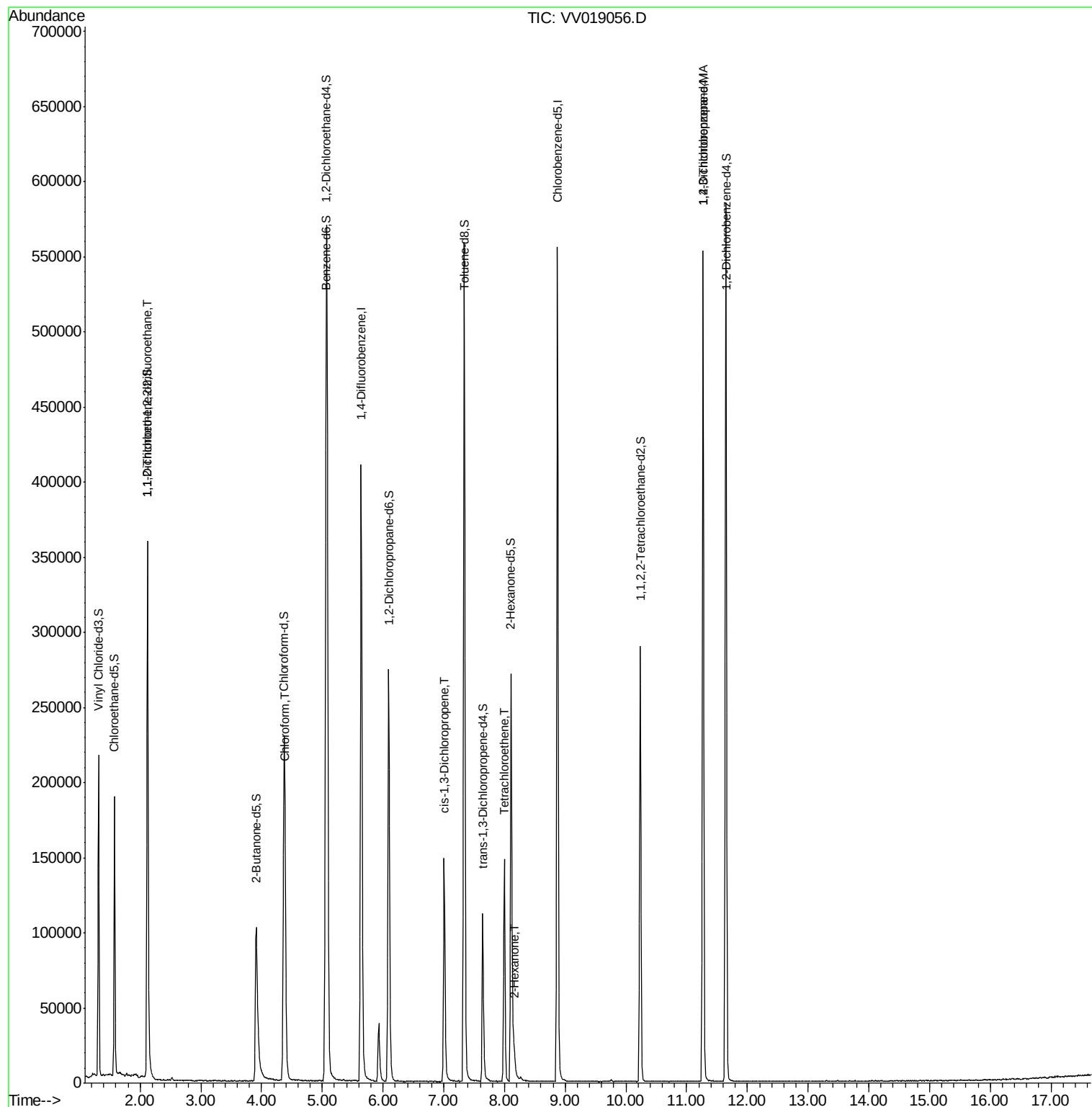
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1772	0.839	ug/L #	20
25) Chloroform	4.40	83	4144	0.891	ug/L #	68
39) cis-1,3-Dichloropropene	7.01	75	3936	1.139	ug/L #	69
46) Tetrachloroethene	8.00	164	32229	18.459	ug/L	98
48) 2-Hexanone	8.16	43	9979	3.968	ug/L #	73
59) 1,2,3-Trichloropropane	11.27	75	15699	5.640	ug/L #	84

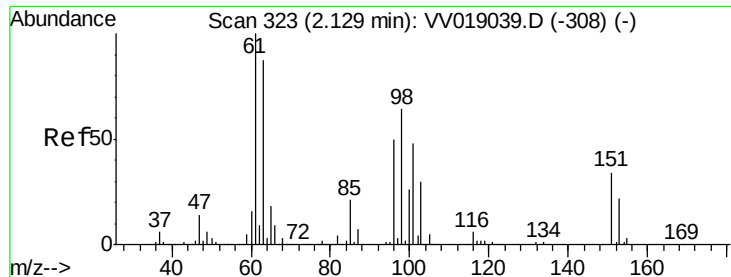
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 22 06:00:52 2020
Response via : Initial Calibration





#10

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

Concen: 0.839 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019056.D

Acq: 21 Oct 2020 18:07

Instrument :

MSVOA_V

ClientSampled :

BG3Z8

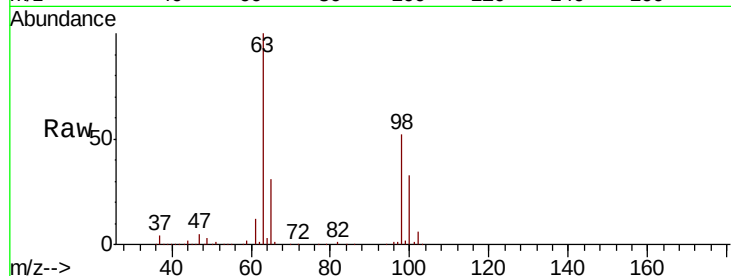
Tot Ion:101 Resp: 1772

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

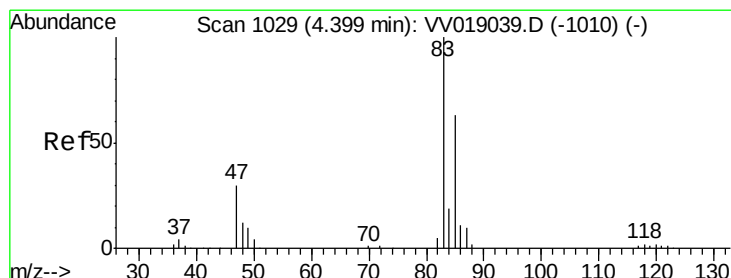
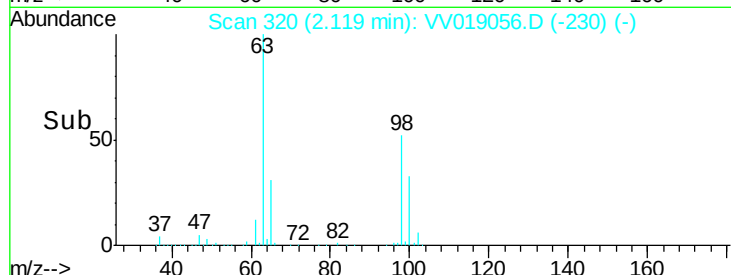
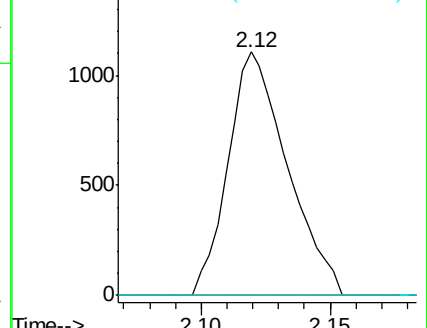
151 0.0 59.7 89.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 0.891 ug/L

RT: 4.40 min Scan# 1028

Delta R.T. -0.00 min

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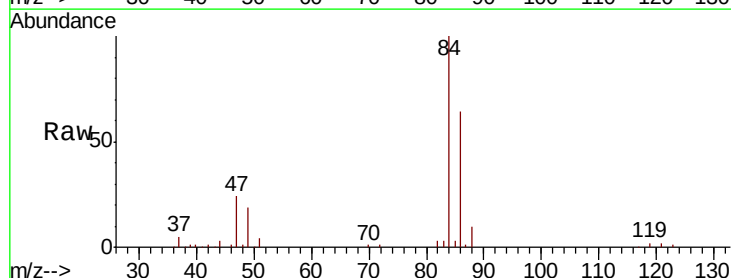
Acq: 21 Oct 2020 18:07

Tgt Ion: 83 Resp: 4144

Ion Ratio Lower Upper

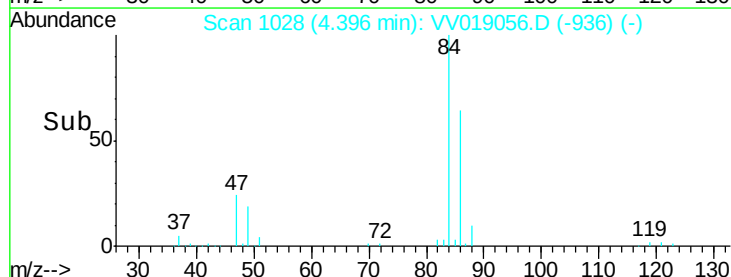
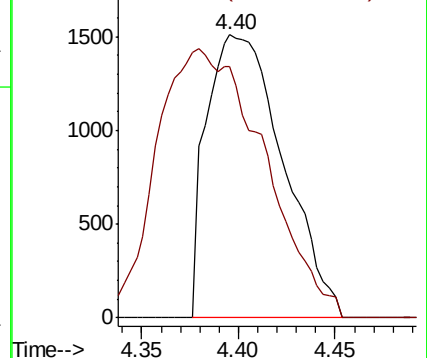
83 100

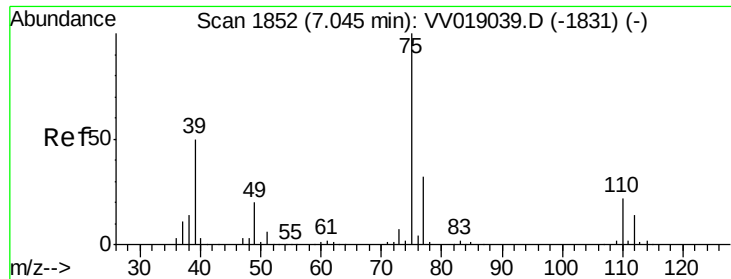
85 88.8 44.6 82.8#



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

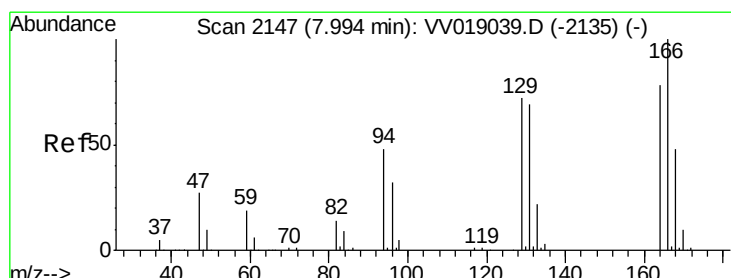
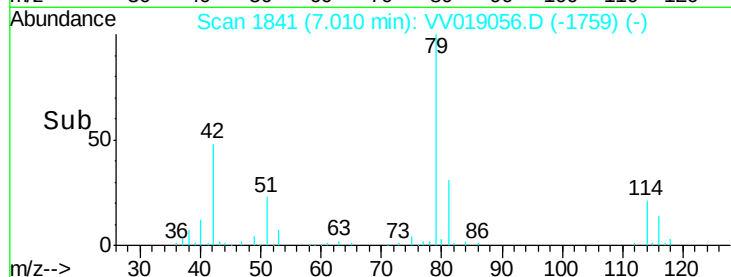
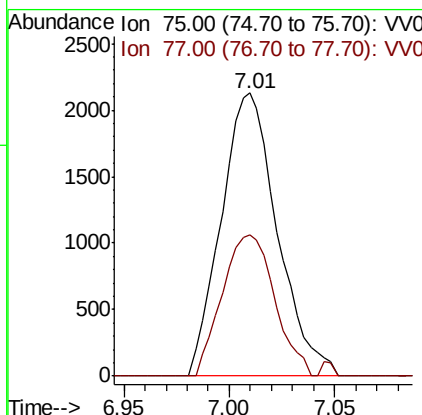
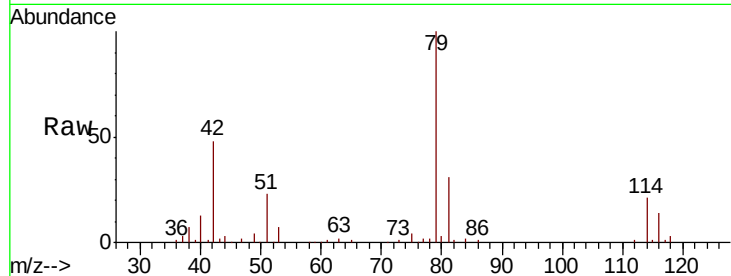




#39
 cis-1,3-Dichloropropene
 Concen: 1.139 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV019056.D
 Acq: 21 Oct 2020 18:07

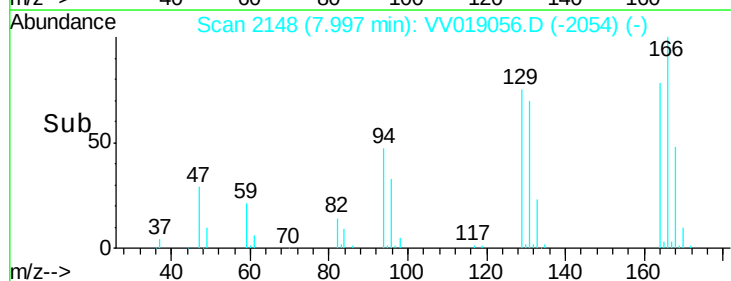
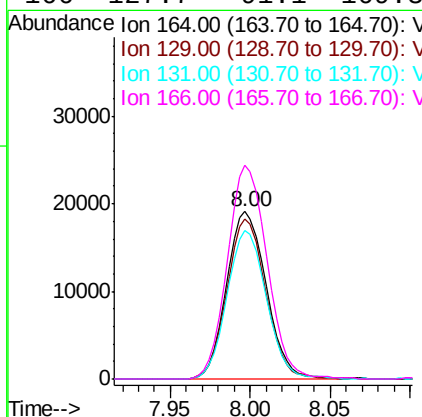
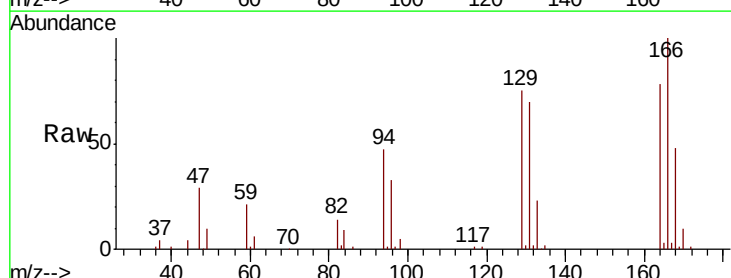
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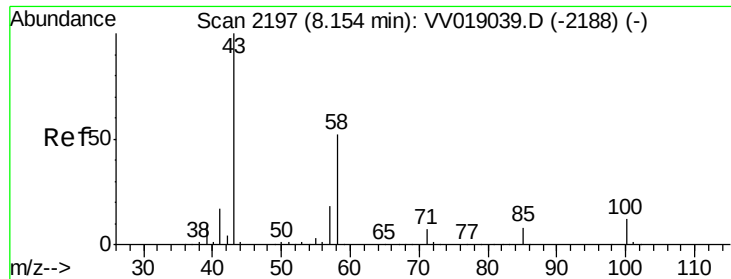
Tot Ion: 75 Resp: 3936
 Ion Ratio Lower Upper
 75 100
 77 49.8 22.5 41.9#



#46
 Tetrachloroethene
 Concen: 18.459 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV019056.D
 Acq: 21 Oct 2020 18:07

Tgt Ion: 164 Resp: 32229
 Ion Ratio Lower Upper
 164 100
 129 96.0 65.0 120.8
 131 89.1 62.9 116.7
 166 127.7 91.1 169.3

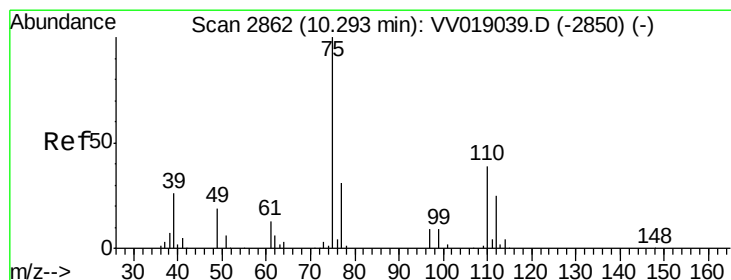
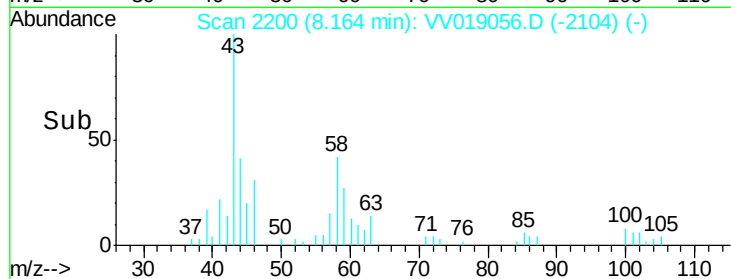
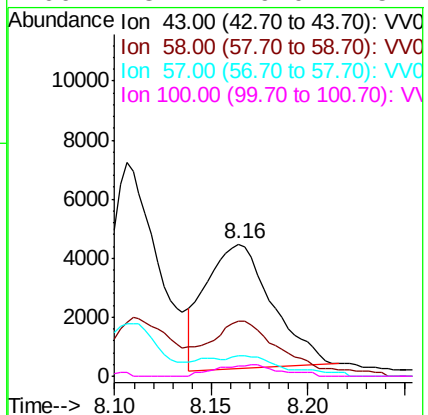
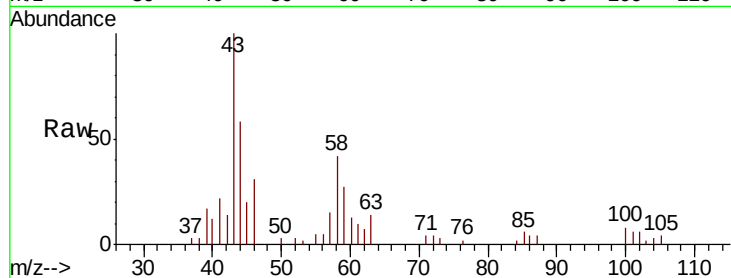




#48
 2-Hexanone
 Concen: 3.968 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV019056.D
 Acq: 21 Oct 2020 18:07

Instrument :
 MSVOA_V
 ClientSampled :
 BG3Z8

Tot Ion: 43 Resp: 9979
 Ion Ratio Lower Upper
 43 100
 58 33.8 42.5 63.7#
 57 1.2 14.5 21.7#
 100 8.4 9.0 13.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.640 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV019056.D
 Acq: 21 Oct 2020 18:07

Tgt Ion: 75 Resp: 15699
 Ion Ratio Lower Upper
 75 100
 77 40.8 25.4 38.2#

