

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120220\
 Data File : VV019447.D
 Acq On : 02 Dec 2020 14:30
 Operator : SY/MD
 Sample : L4921-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FW5

Quant Time: Dec 03 05:51:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 03 05:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	390285	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	397174	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	184799	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	148405	38.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.14%
7) Chloroethane-d5	1.58	69	137986	43.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.98%
11) 1,1-Dichloroethene-d2	2.12	63	238810	34.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.84%
21) 2-Butanone-d5	3.89	46	230542	97.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.04%
24) Chloroform-d	4.37	84	284651	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.34%
26) 1,2-Dichloroethane-d4	5.05	65	199478	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
32) Benzene-d6	5.07	84	556727	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
36) 1,2-Dichloropropane-d6	6.09	67	191299	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.92%
41) Toluene-d8	7.33	98	485191	46.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.24%
43) trans-1,3-Dichloropropene-	7.64	79	87340	46.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.56%
47) 2-Hexanone-d5	8.11	63	120513	78.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.28%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	201073	39.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.52%
64) 1,2-Dichlorobenzene-d4	11.64	152	188444	52.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.02%

Target Compounds

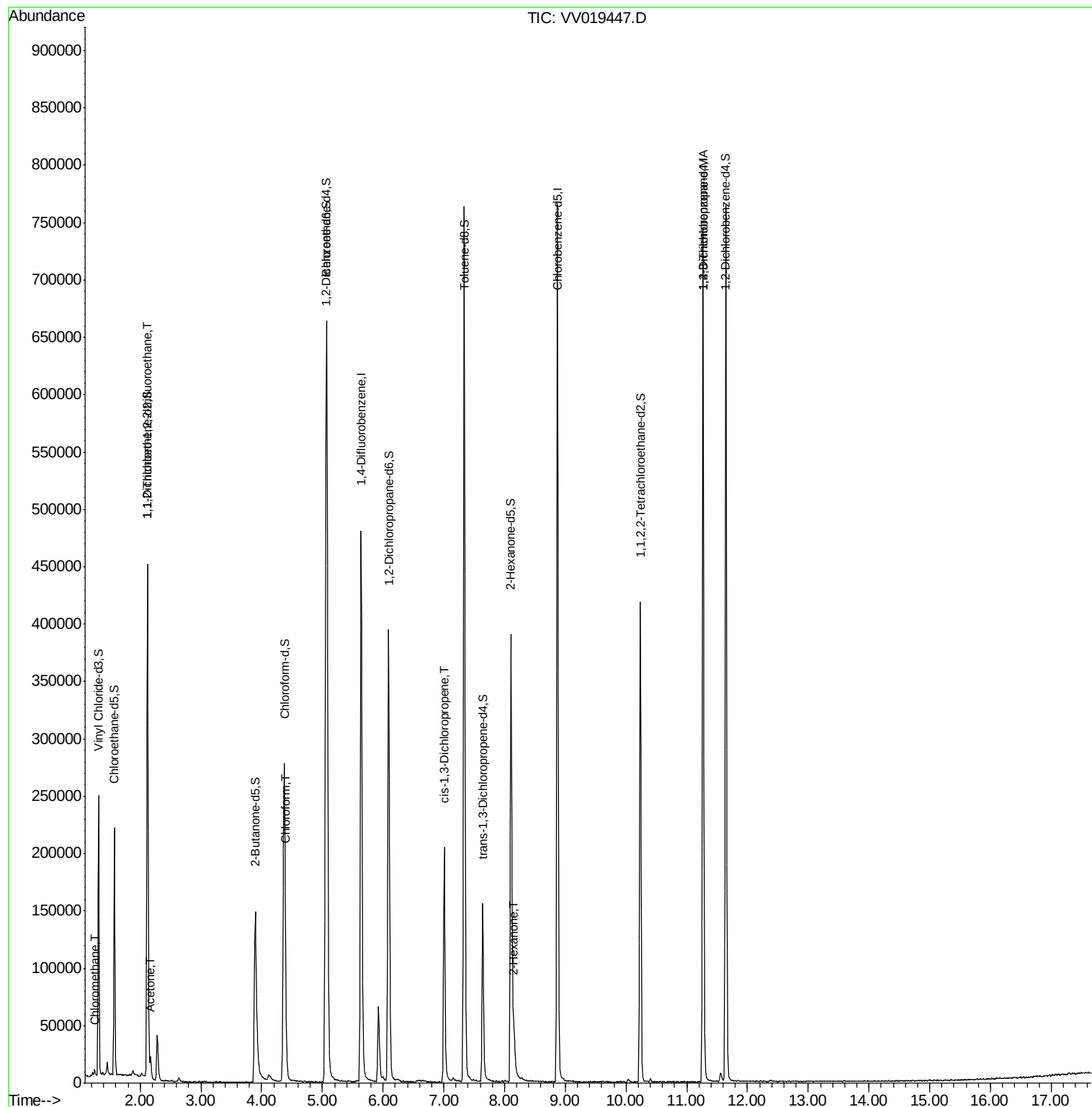
					Ovalue
3) Chloromethane	1.25	50	2866	0.676 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	2175	0.795 ug/L #	22
13) Acetone	2.17	43	15391	8.473 ug/L	97
25) Chloroform	4.40	83	5802	0.993 ug/L	89
39) cis-1,3-Dichloropropene	7.01	75	5347	1.104 ug/L #	72
48) 2-Hexanone	8.16	43	28417	7.761 ug/L #	74
59) 1,2,3-Trichloropropane	11.27	75	23451	5.445 ug/L	100

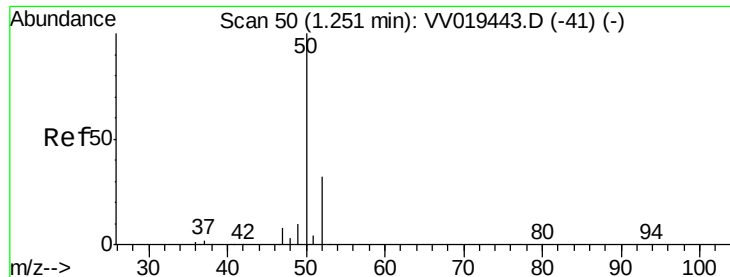
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.676 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV019447.D

Acq: 02 Dec 2020 14:30

Instrument :

MSVOA_V

ClientSampleId :

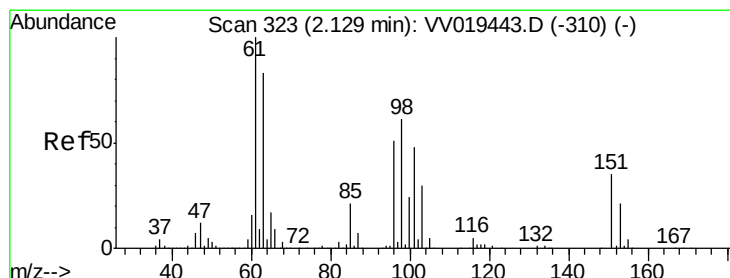
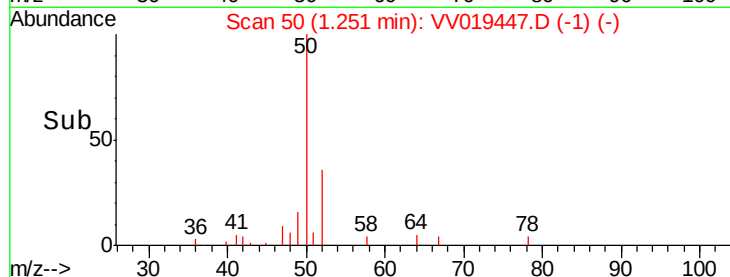
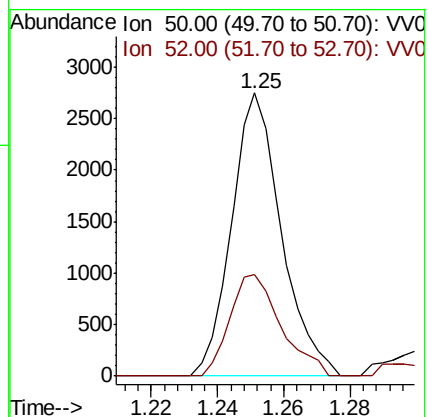
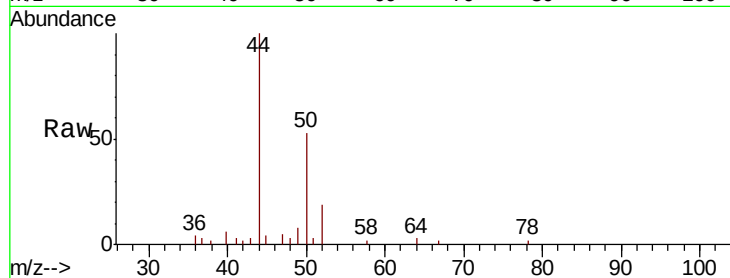
C0FW5

Tot Ion: 50 Resp: 2866

Ion Ratio Lower Upper

50 100

52 36.0 23.0 42.8



#10

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

Concen: 0.795 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019447.D

Acq: 02 Dec 2020 14:30

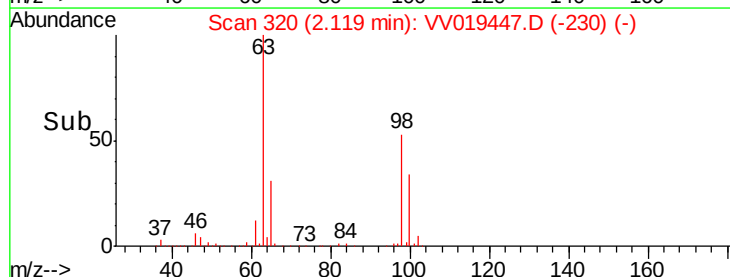
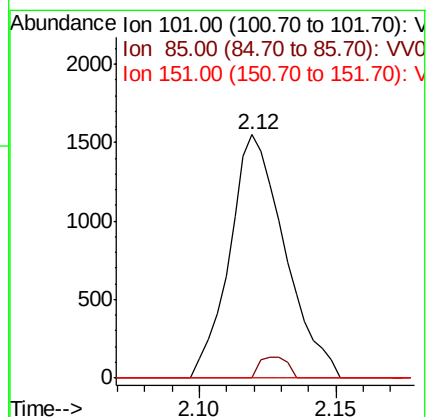
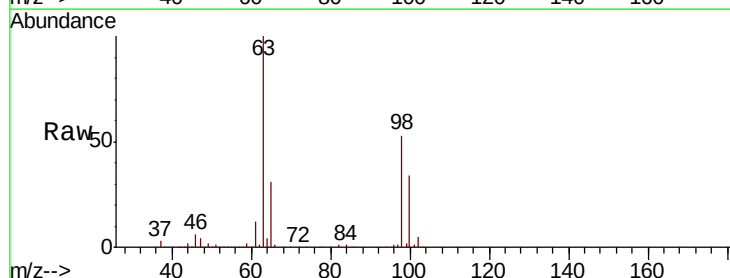
Tgt Ion:101 Resp: 2175

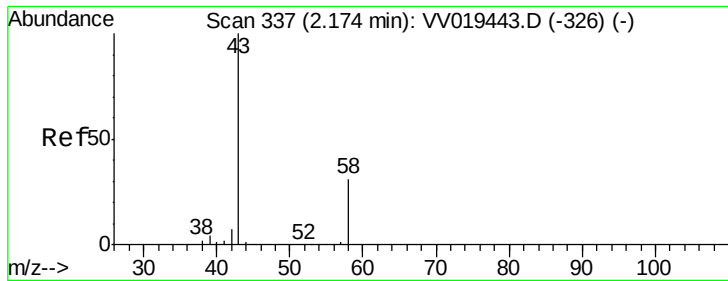
Ion Ratio Lower Upper

101 100

85 4.2 35.5 53.3#

151 0.0 58.9 88.3#





#13

Acetone

Concen: 8.473 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

Lab File: VV019447.D

Acq: 02 Dec 2020 14:30

Instrument :

MSVOA_V

ClientSampleId :

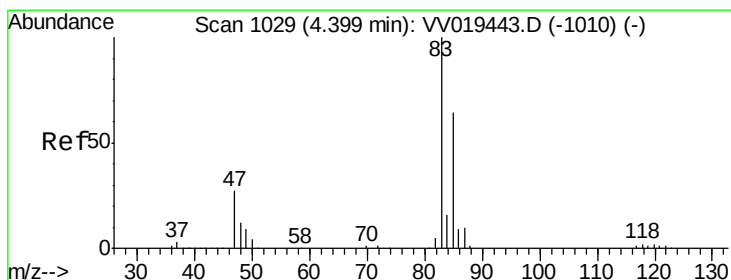
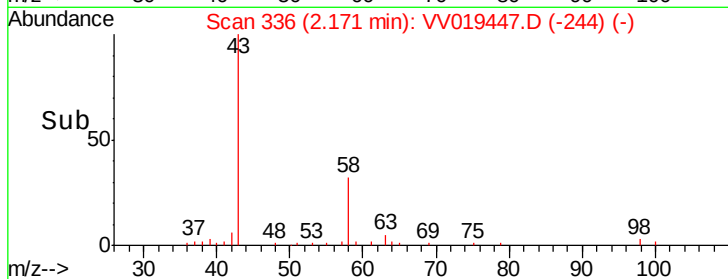
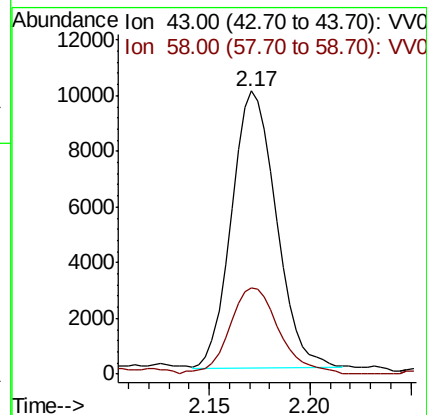
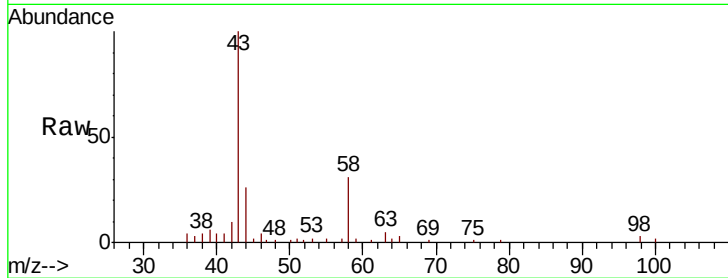
C0FW5

Tot Ion: 43 Resp: 15391

Ion Ratio Lower Upper

43 100

58 34.8 0.0 66.4



#25

Chloroform

Concen: 0.993 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VV019447.D

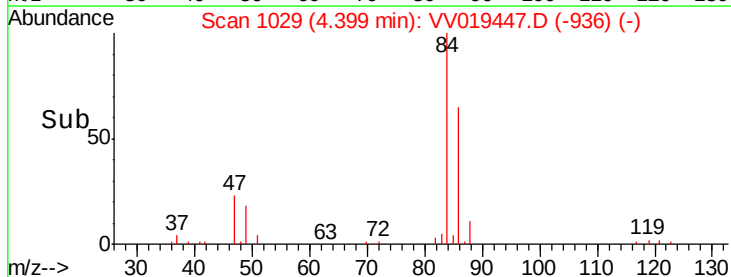
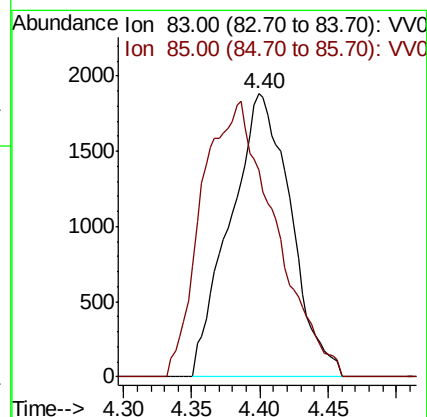
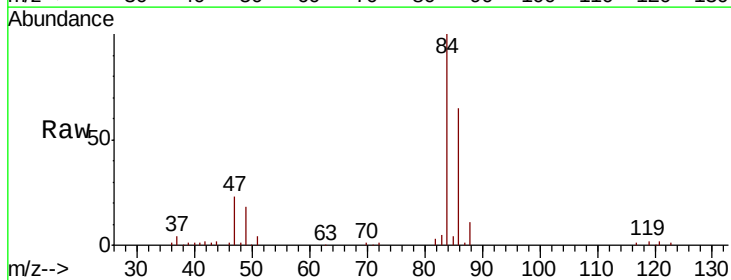
Acq: 02 Dec 2020 14:30

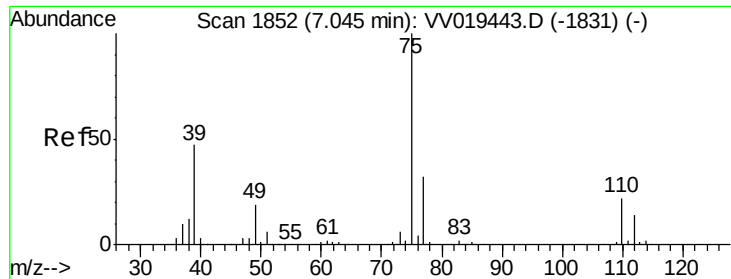
Tgt Ion: 83 Resp: 5802

Ion Ratio Lower Upper

83 100

85 72.8 45.1 83.9

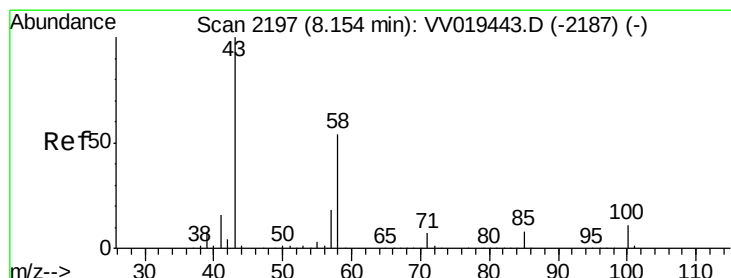
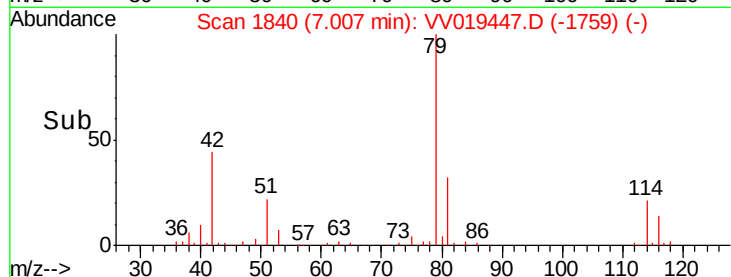
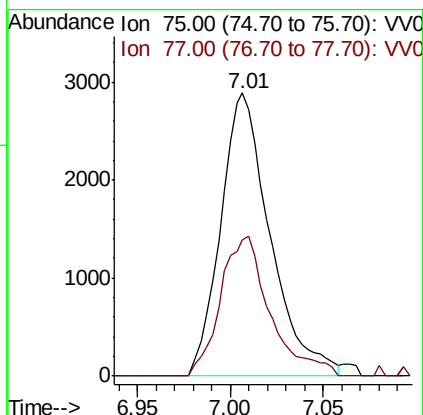
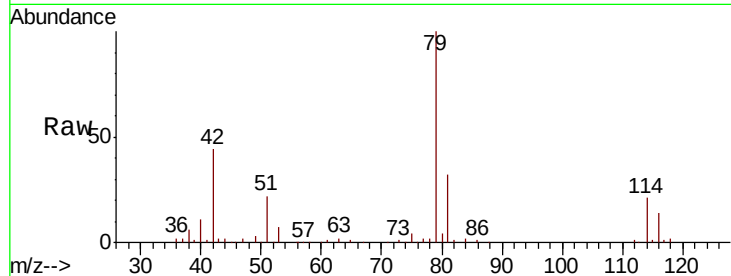




#39
 cis-1,3-Dichloropropene
 Concen: 1.104 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019447.D
 Acq: 02 Dec 2020 14:30

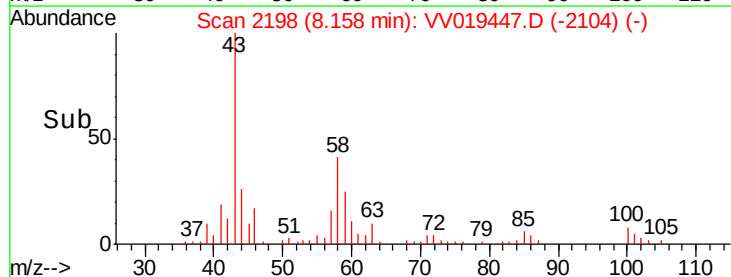
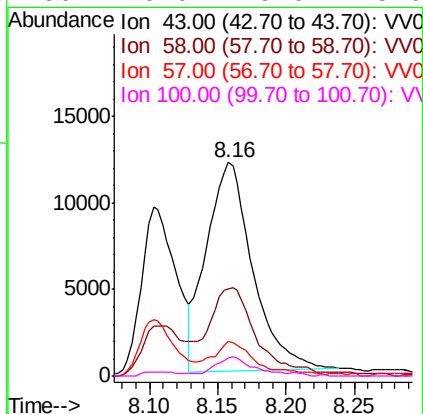
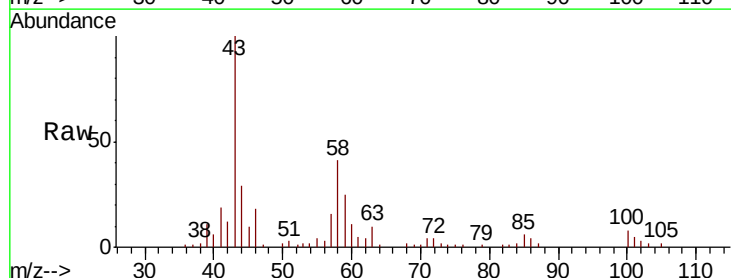
Instrument :
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 ClientSampleId :
 C0FW5

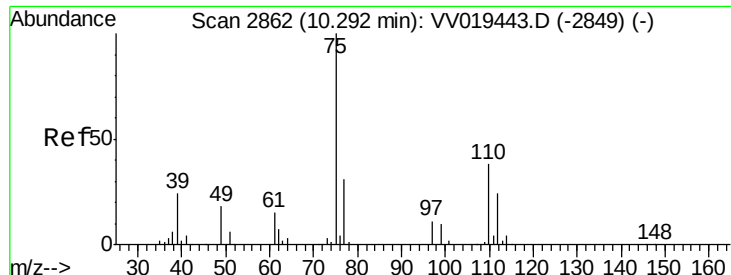
Tot Ion: 75 Resp: 5347
 Ion Ratio Lower Upper
 75 100
 77 48.0 22.5 41.7#



#48
 2-Hexanone
 Concen: 7.761 ug/L
 RT: 8.16 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VV019447.D
 Acq: 02 Dec 2020 14:30

Tgt Ion: 43 Resp: 28417
 Ion Ratio Lower Upper
 43 100
 58 33.0 43.8 65.6#
 57 10.3 15.4 23.2#
 100 6.0 9.0 13.6#





#59

1,2,3-Trichloropropane

Concen: 5.445 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV019447.D

Acq: 02 Dec 2020 14:30

Instrument :

MSVOA_V

ClientSampleId :

C0FW5

Tot Ion: 75 Resp: 23451

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

