

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122420\
 Data File : VV019832.D
 Acq On : 24 Dec 2020 13:23
 Operator : SY/MD
 Sample : L5173-16DL 400X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4S9DL

Quant Time: Dec 25 05:38:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 05:36:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	632413	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	598823	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	285281	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	204846	45.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.34%
7) Chloroethane-d5	1.57	69	176955	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.94%
11) 1,1-Dichloroethene-d2	2.11	63	308847	36.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.38%
21) 2-Butanone-d5	3.89	46	347283	140.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	140.89%#
24) Chloroform-d	4.35	84	402460	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.48%
26) 1,2-Dichloroethane-d4	5.04	65	283526	53.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.16%
32) Benzene-d6	5.05	84	801892	50.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.42%
36) 1,2-Dichloropropane-d6	6.07	67	262047	52.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.76%
41) Toluene-d8	7.32	98	687090	47.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.56%
43) trans-1,3-Dichloropropene-	7.62	79	116785	41.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.08%
47) 2-Hexanone-d5	8.09	63	205694	104.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.76%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	323817	47.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.70%
64) 1,2-Dichlorobenzene-d4	11.63	152	254908	47.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

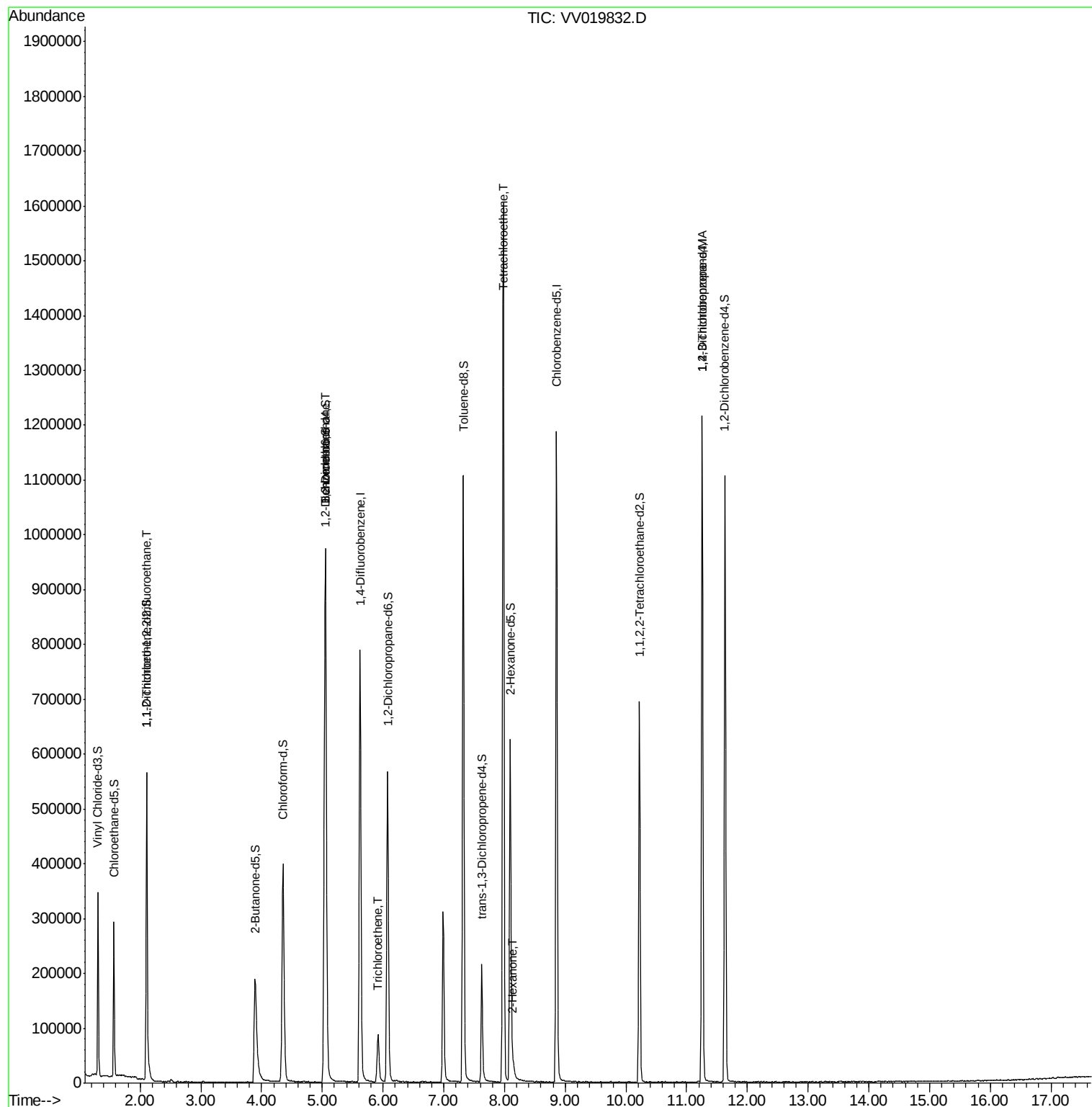
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2688	0.732 ug/L #	24
27) 1,2-Dichloroethane	5.05	62	5746	0.867 ug/L	98
34) Trichloroethene	5.92	95	24958	5.399 ug/L	95
46) Tetrachloroethene	7.98	164	316751	99.016 ug/L	99
48) 2-Hexanone	8.15	43	11763	2.351 ug/L #	39
59) 1,2,3-Trichloropropane	11.25	75	40515	7.127 ug/L	100

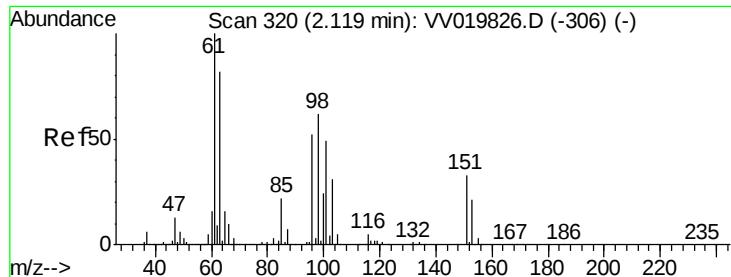
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 25 05:36:52 2020
Response via : Initial Calibration





#10

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

Concen: 0.732 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019832.D

Acq: 24 Dec 2020 13:23

Instrument :

MSVOA_V

ClientSampleId :

BG4S9DL

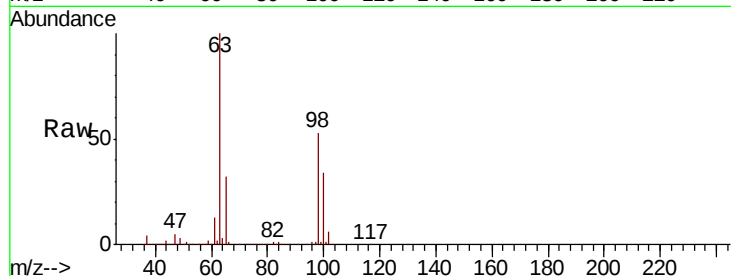
Tot Ion:101 Resp: 2688

Ion Ratio Lower Upper

101 100

85 3.3 35.0 52.4#

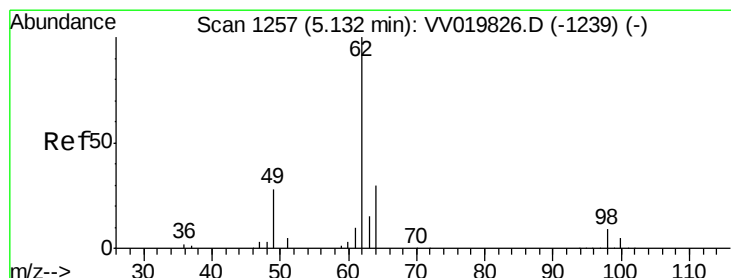
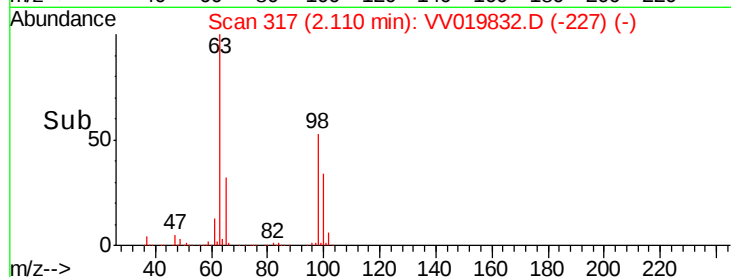
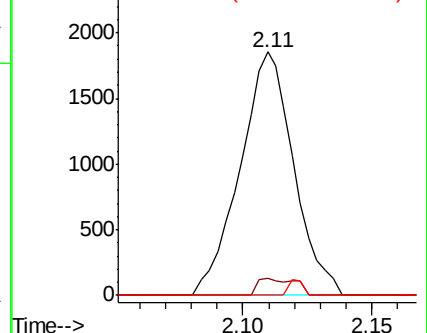
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): VV019832.D (-227) (-)

Ion 85.00 (84.70 to 85.70): VV019832.D (-227) (-)

Ion 151.00 (150.70 to 151.70): VV019832.D (-227) (-)



#27

1,2-Dichloroethane

Concen: 0.867 ug/L

RT: 5.05 min Scan# 1233

Delta R.T. -0.08 min

Lab File: VV019832.D

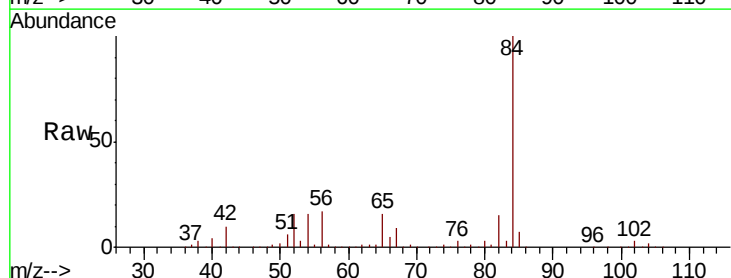
Acq: 24 Dec 2020 13:23

Tgt Ion: 62 Resp: 5746

Ion Ratio Lower Upper

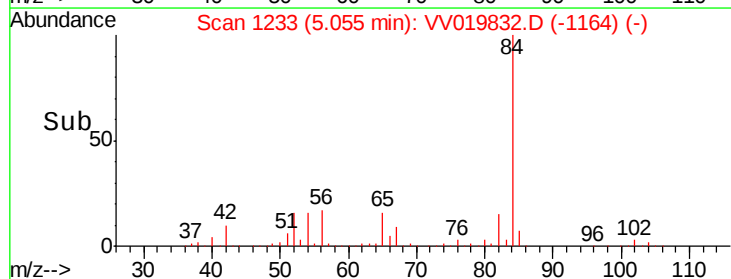
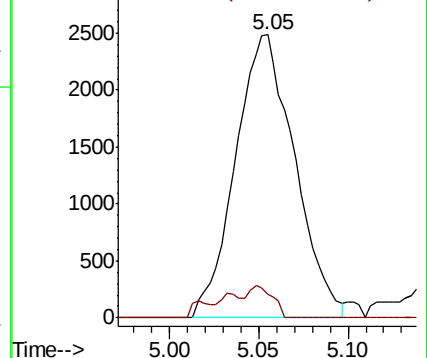
62 100

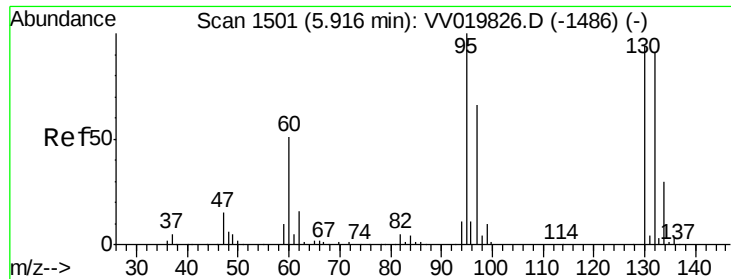
98 8.5 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV019832.D (-1164) (-)

Ion 98.00 (97.70 to 98.70): VV019832.D (-1164) (-)





#34

Trichloroethene

Concen: 5.399 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019832.D

Acq: 24 Dec 2020 13:23

Instrument :

MSVOA_V

ClientSampleId :

BG4S9DL

Tot Ion: 95 Resp: 24958

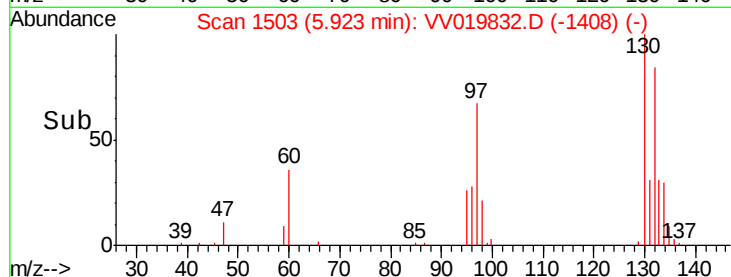
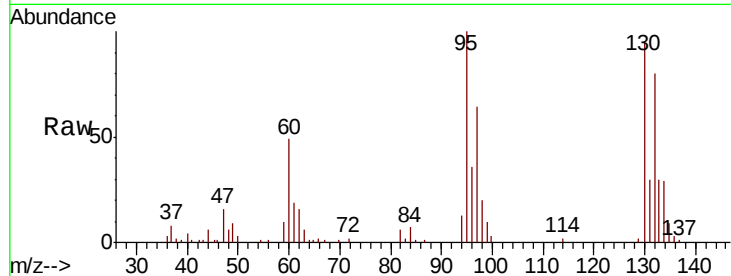
Ion Ratio Lower Upper

95 100

97 64.0 44.4 82.4

132 79.8 64.3 119.3

130 95.4 67.8 125.8



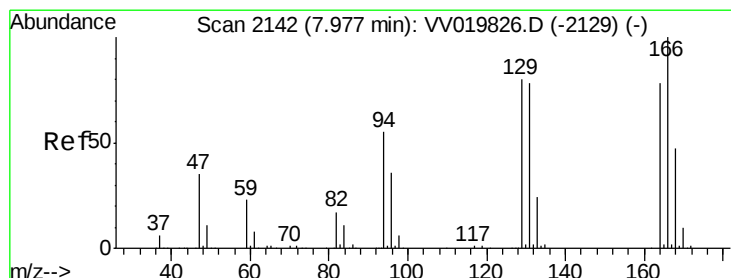
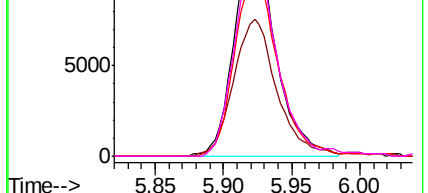
Abundance Ion 95.00 (94.70 to 95.70): VV019832.D (-1408) (-)

Ion 97.00 (96.70 to 97.70): VV019832.D (-1408) (-)

Ion 132.00 (131.70 to 132.70): VV019832.D (-1408) (-)

Ion 130.00 (129.70 to 130.70): VV019832.D (-1408) (-)

Time-->



#46

Tetrachloroethene

Concen: 99.016 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019832.D

Acq: 24 Dec 2020 13:23

Tgt Ion: 164 Resp: 316751

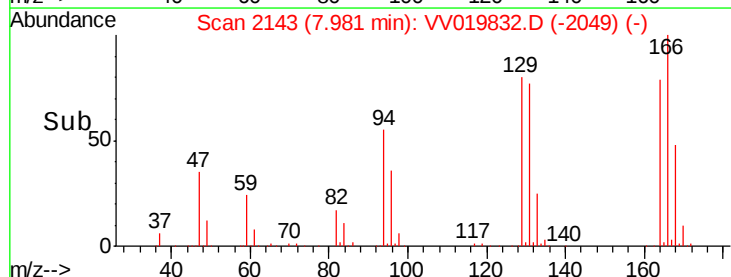
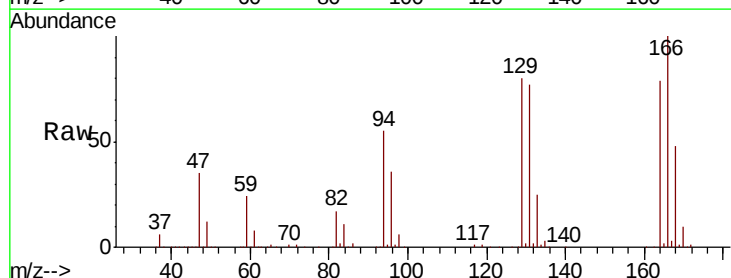
Ion Ratio Lower Upper

164 100

129 100.9 70.6 131.0

131 97.3 68.0 126.4

166 126.2 86.9 161.5



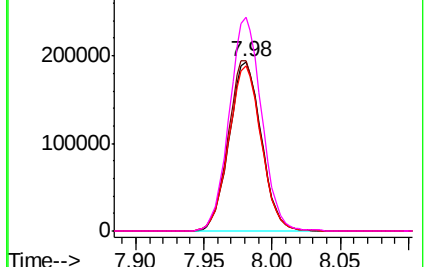
Abundance Ion 164.00 (163.70 to 164.70): VV019832.D (-2049) (-)

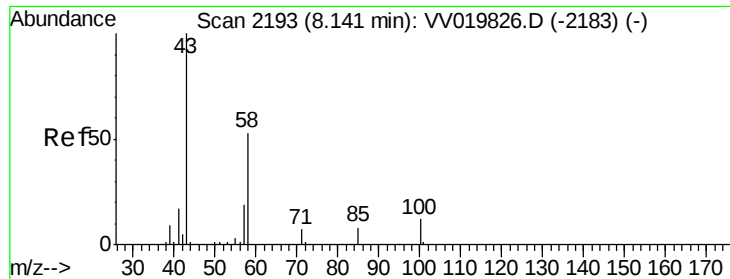
Ion 129.00 (128.70 to 129.70): VV019832.D (-2049) (-)

Ion 131.00 (130.70 to 131.70): VV019832.D (-2049) (-)

Ion 166.00 (165.70 to 166.70): VV019832.D (-2049) (-)

Time-->

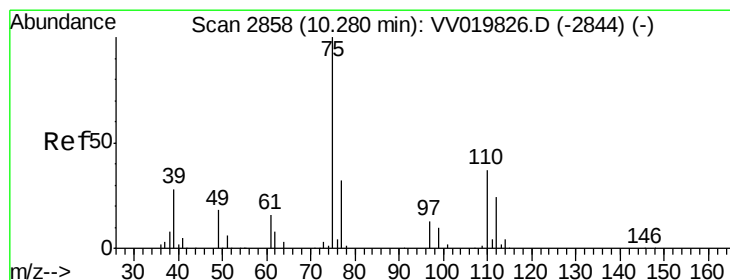
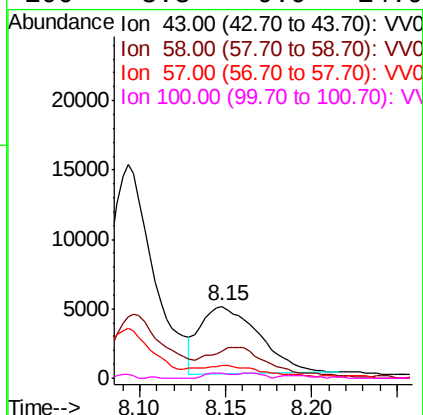
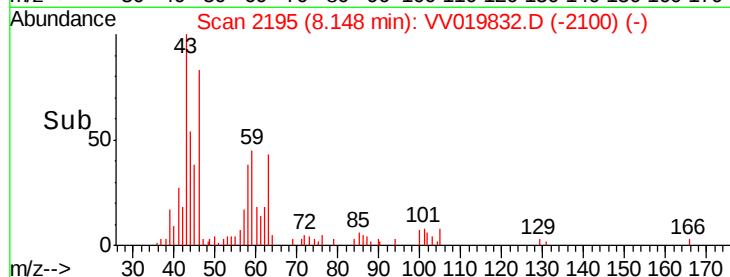
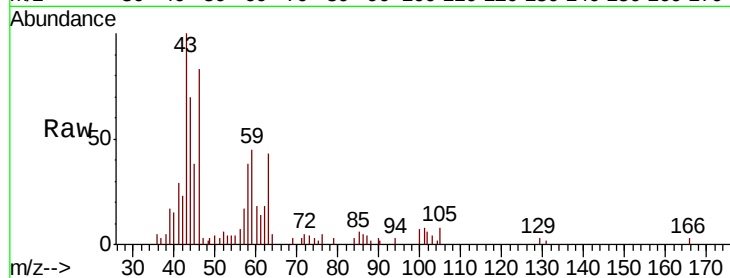




#48
2-Hexanone
Concen: 2.351 ug/L
RT: 8.15 min Scan# 2195
Delta R.T. 0.01 min
Lab File: VV019832.D
Acq: 24 Dec 2020 13:23

Instrument :
MSVOA_V
ClientSampleId :
BG4S9DL

Tot Ion: 43 Resp: 11763
Ion Ratio Lower Upper
43 100
58 0.0 44.4 66.6#
57 0.0 15.7 23.5#
100 3.3 9.9 14.9#



#59
1,2,3-Trichloropropane
Concen: 7.127 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.97 min
Lab File: VV019832.D
Acq: 24 Dec 2020 13:23

Tgt Ion: 75 Resp: 40515
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8

