

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019550.D
 Acq On : 12 Dec 2020 12:45
 Operator : SY/MD
 Sample : L5056-04 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4N1

Quant Time: Dec 13 04:39:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 04:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	625967	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	577010	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	264969	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	184659	41.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.28%
7) Chloroethane-d5	1.57	69	160730	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.11	63	289557	34.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.52%
21) 2-Butanone-d5	3.89	46	259582	106.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.40%
24) Chloroform-d	4.35	84	376916	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.18%
26) 1,2-Dichloroethane-d4	5.04	65	267264	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.10%
32) Benzene-d6	5.05	84	747192	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.10%
36) 1,2-Dichloropropane-d6	6.07	67	240270	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.68%
41) Toluene-d8	7.32	98	669319	48.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.62%
43) trans-1,3-Dichloropropene-	7.62	79	125286	45.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.38%
47) 2-Hexanone-d5	8.09	63	194818	102.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.97%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	319269	48.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.92%
64) 1,2-Dichlorobenzene-d4	11.63	152	245715	49.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.22%

Target Compounds

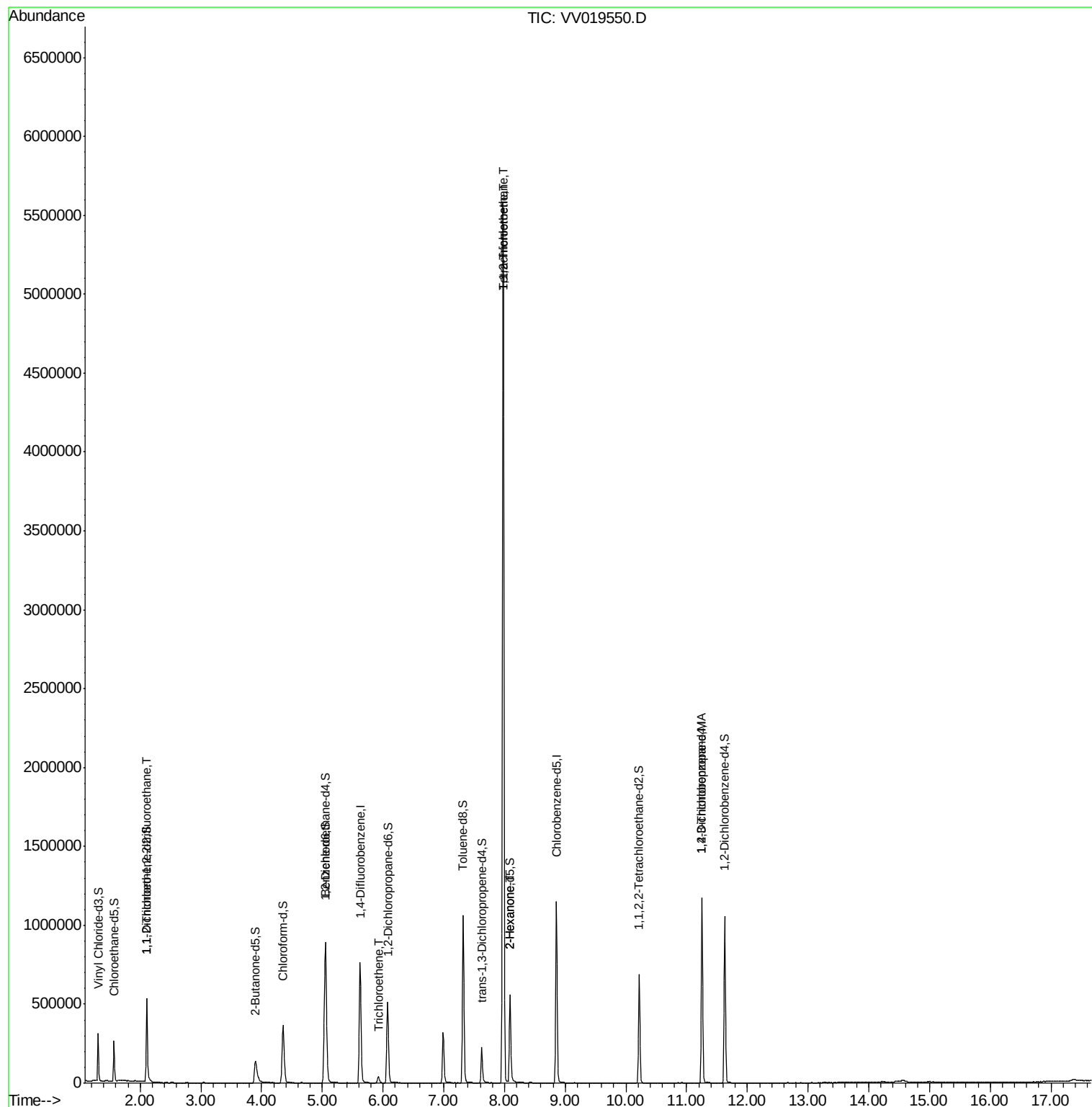
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2748	0.756 ug/L #	22
34) Trichloroethene	5.92	95	13361	2.999 ug/L	96
45) 1,1,2-Trichloroethane	7.98	97	11589	2.771 ug/L #	5
46) Tetrachloroethene	7.98	164	1138372	369.307 ug/L	98
48) 2-Hexanone	8.09	43	22838	4.737 ug/L #	66
59) 1,2,3-Trichloropropane	11.25	75	36996	6.754 ug/L	89

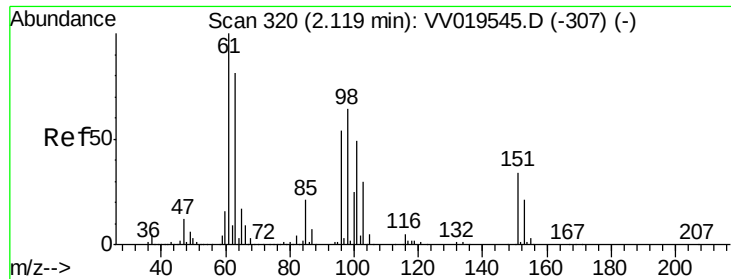
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.756 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019550.D

Acq: 12 Dec 2020 12:45

Instrument :

MSVOA_V

ClientSampleId :

BG4N1

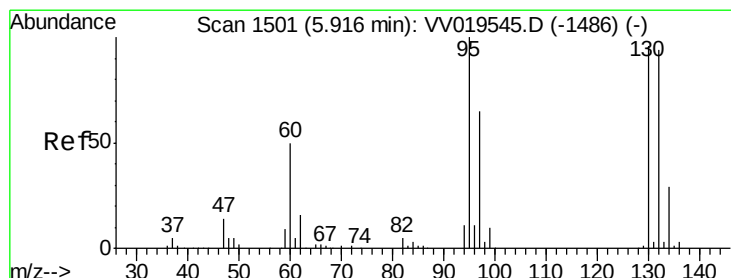
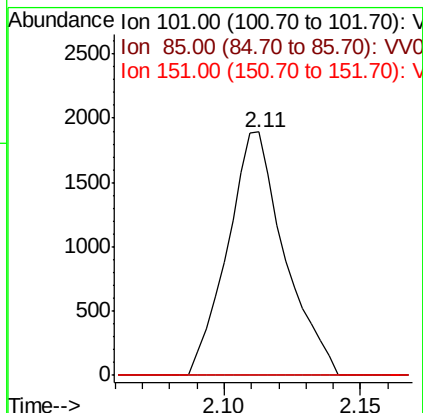
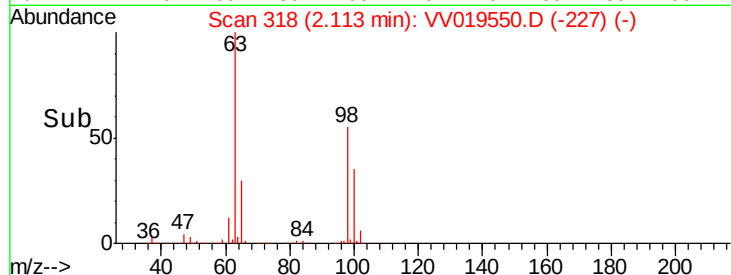
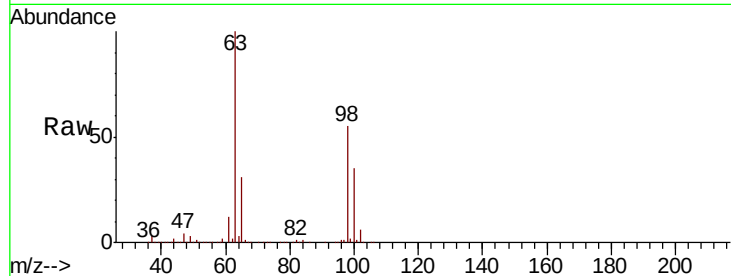
Tot Ion:101 Resp: 2748

Ion Ratio Lower Upper

101 100

85 1.5 35.0 52.4#

151 0.0 55.8 83.8#



#34

Trichloroethene

Concen: 2.999 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019550.D

Acq: 12 Dec 2020 12:45

Tgt Ion: 95 Resp: 13361

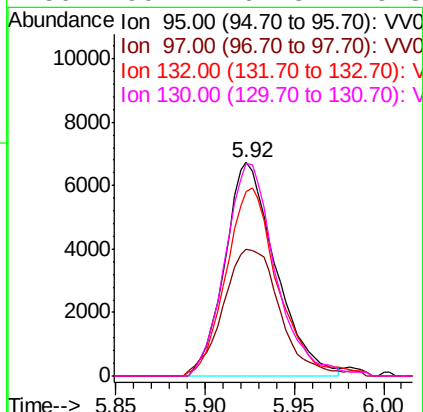
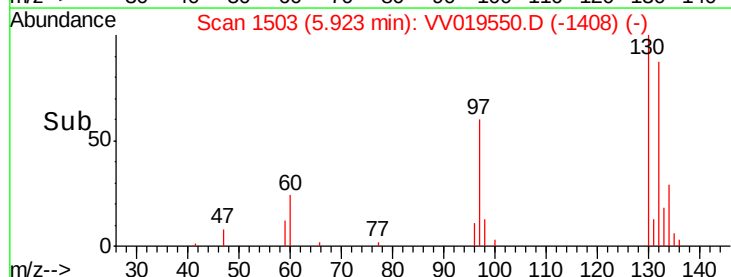
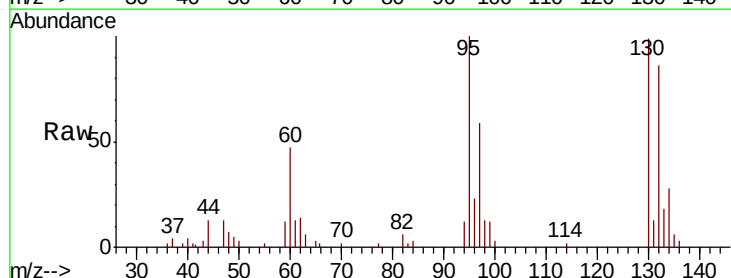
Ion Ratio Lower Upper

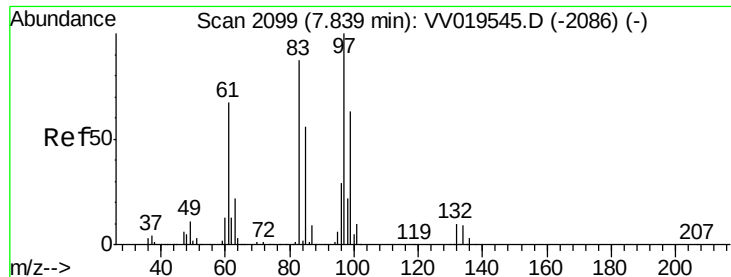
95 100

97 59.5 44.4 82.4

132 86.4 64.3 119.3

130 99.4 67.8 125.8

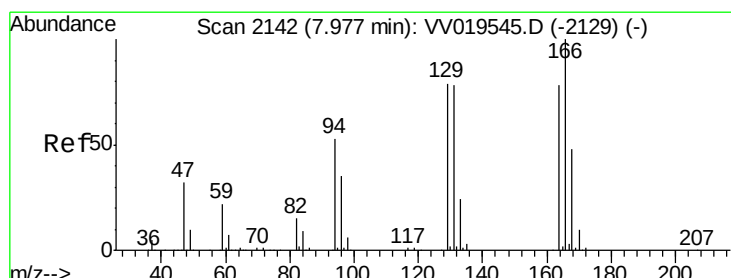
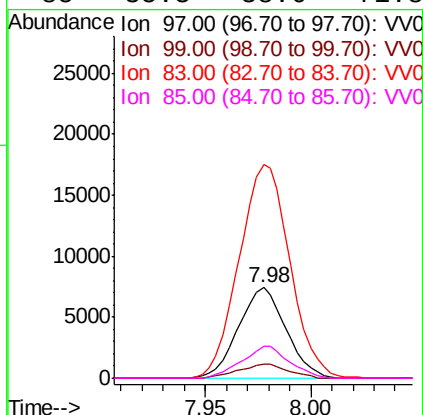
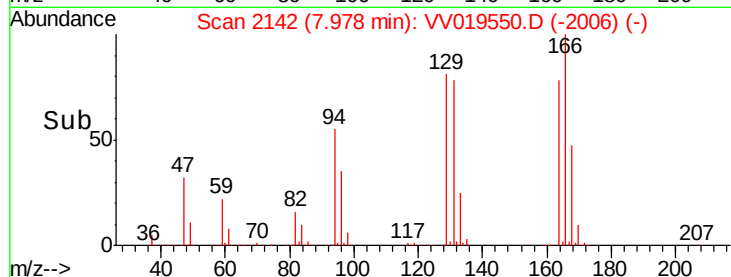
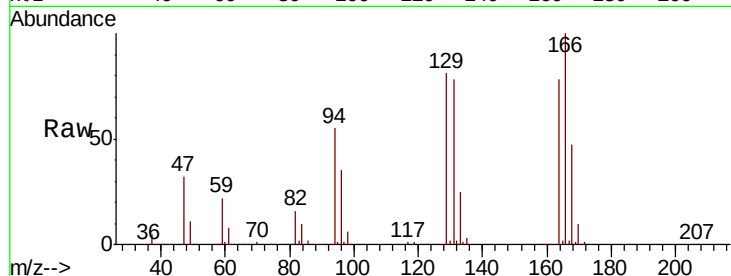




#45
 1,1,2-Trichloroethane
 Concen: 2.771 ug/L
 RT: 7.98 min Scan# 2142
 Delta R.T. 0.14 min
 Lab File: VV019550.D
 Acq: 12 Dec 2020 12:45

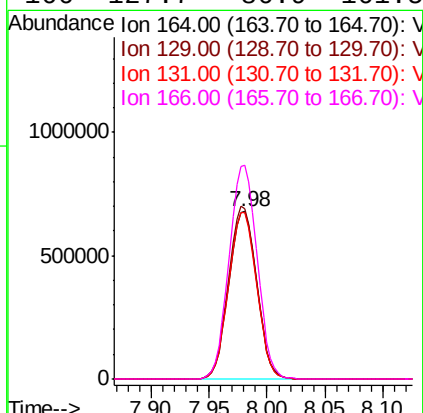
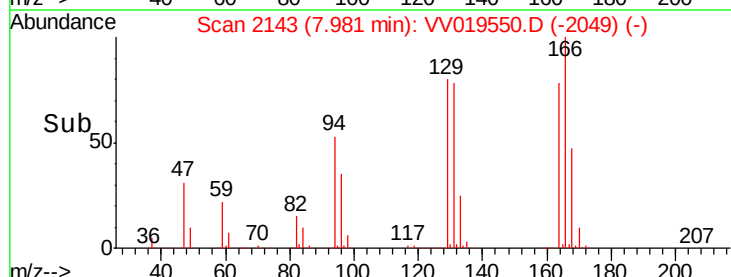
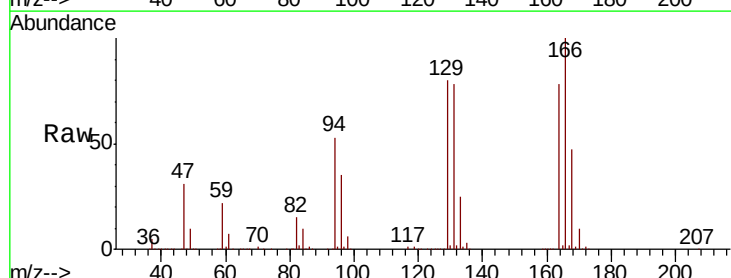
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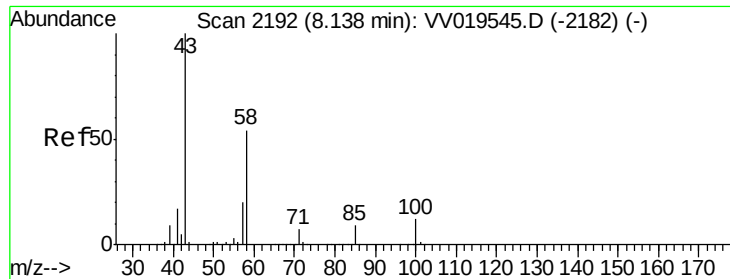
Tot Ion:	97	Resp:	11589
Ion	Ratio	Lower	Upper
97	100		
99	15.7	44.1	81.9#
83	236.1	60.0	111.4#
85	35.3	38.6	71.8#



#46
 Tetrachloroethene
 Concen: 369.307 ug/L
 RT: 7.98 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VV019550.D
 Acq: 12 Dec 2020 12:45

Tgt Ion:	164	Resp:	1138372
Ion	Ratio	Lower	Upper
164	100		
129	101.9	70.6	131.0
131	99.2	68.0	126.4
166	127.7	86.9	161.5

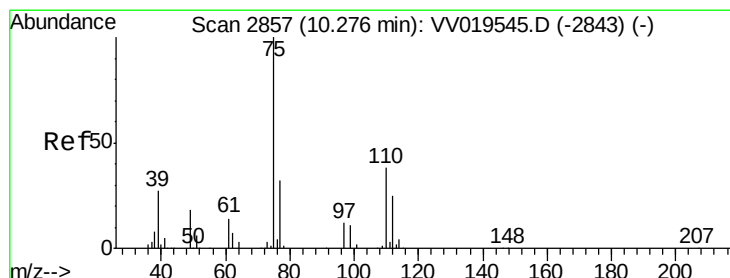
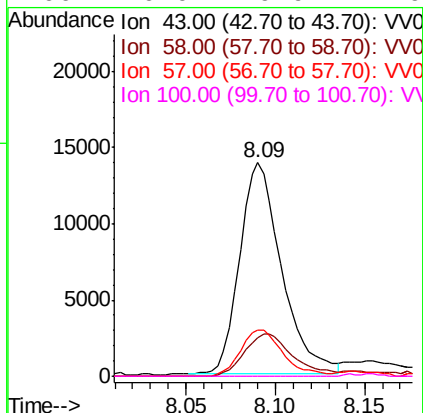
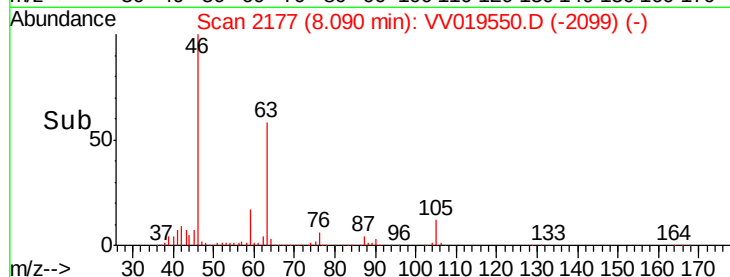
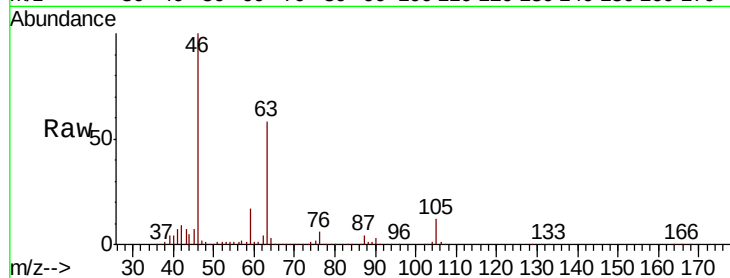




#48
 2-Hexanone
 Concen: 4.737 ug/L
 RT: 8.09 min Scan# 2177
 Delta R.T. -0.05 min
 Lab File: VV019550.D
 Acq: 12 Dec 2020 12:45

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Tot Ion: 43 Resp: 22838
 Ion Ratio Lower Upper
 43 100
 58 23.0 44.4 66.6#
 57 22.2 15.7 23.5
 100 0.0 9.9 14.9#



#59
 1,2,3-Trichloropropane
 Concen: 6.754 ug/L
 RT: 11.25 min Scan# 3160
 Delta R.T. 0.97 min
 Lab File: VV019550.D
 Acq: 12 Dec 2020 12:45

Tgt Ion: 75 Resp: 36996
 Ion Ratio Lower Upper
 75 100
 77 38.7 25.8 38.8

