

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042419\
 Data File : VV010471.D
 Acq On : 24 Apr 2019 18:52
 Operator : SY/MD
 Sample : K2477-05
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X54

Quant Time: Apr 25 04:01:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 02:19:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	218060	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	218781	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103252	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67158	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.58	69	50611	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.13	63	102860	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	3.96	46	156878	58.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.42%
24) Chloroform-d	4.40	84	143449	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	5.09	65	72614	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.10	84	280327	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.12	67	83527	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.36	98	258441	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.67	79	28702	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.14	63	121074	52.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	61223	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	102889	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

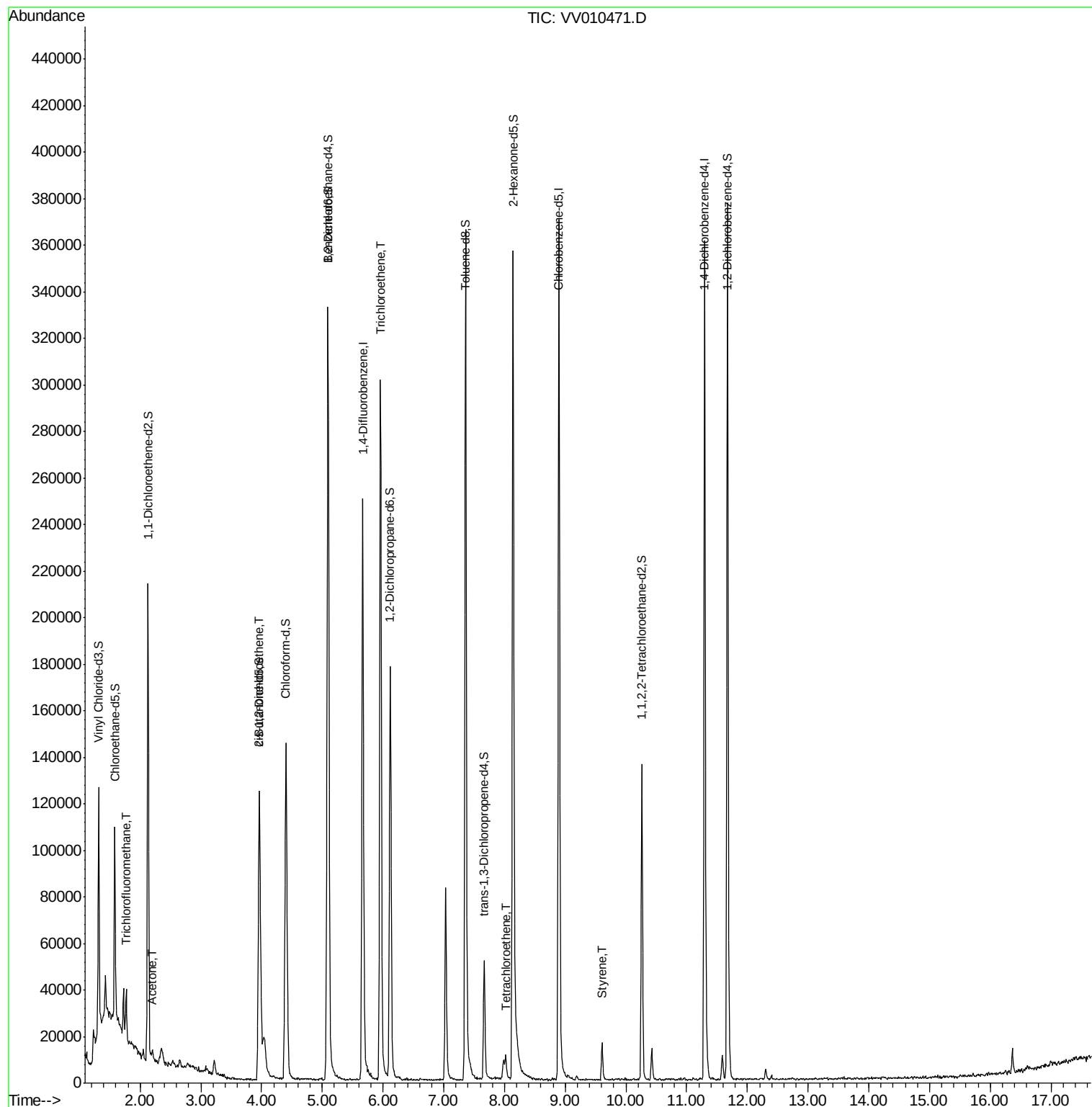
					Ovalue
9) Trichlorofluoromethane	1.77	101	10754	0.390 ug/L	97
13) Acetone	2.20	43	3396	2.094 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	17285	1.158 ug/L	90
34) Trichloroethene	5.96	95	102818	6.371 ug/L	96
47) Tetrachloroethene	8.02	164	2254	0.156 ug/L	90
55) Styrene	9.61	104	8338	0.188 ug/L	97

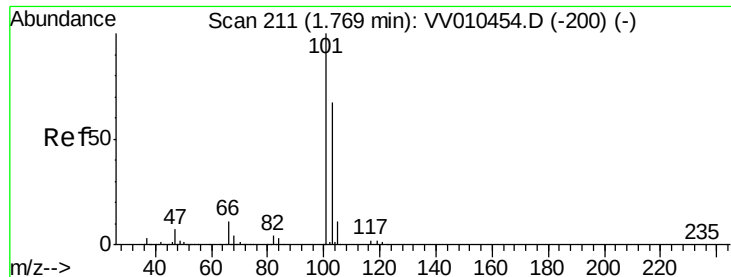
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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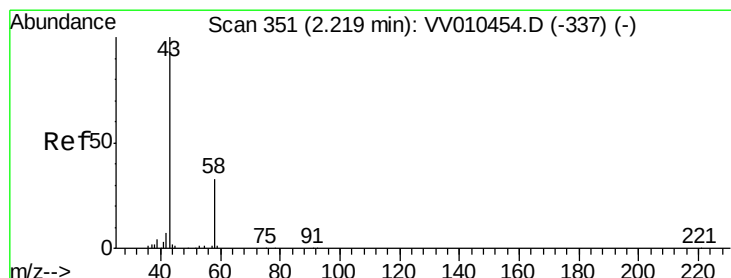
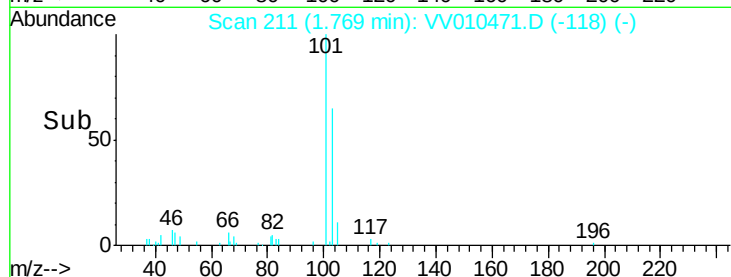
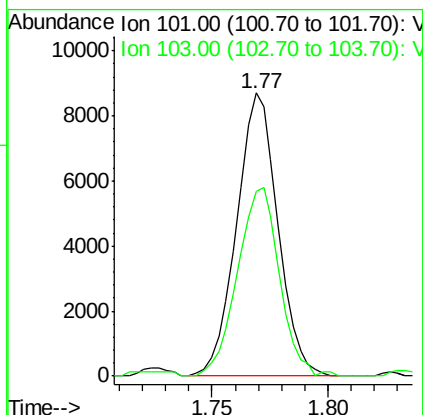
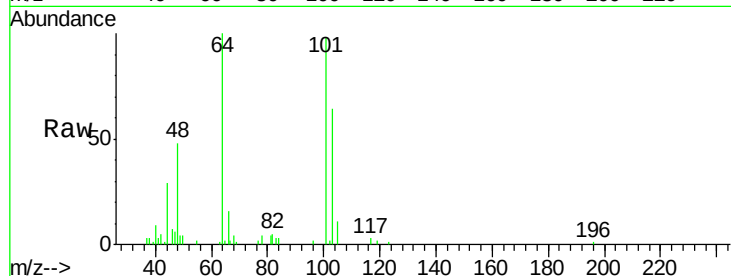


#9

Trichlorofluoromethane
 Concen: 0.390 ug/L
 RT: 1.77 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: VV010471.D
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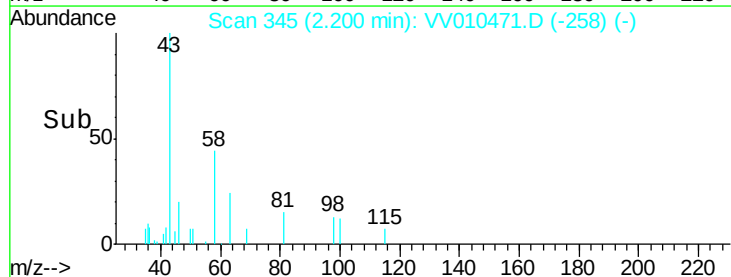
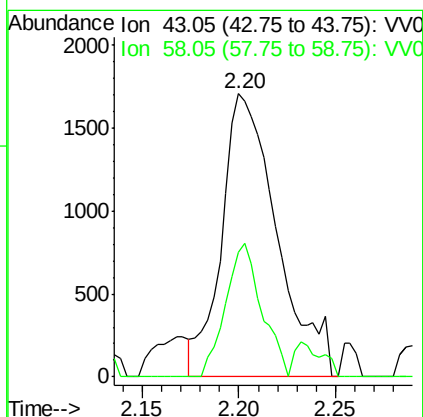
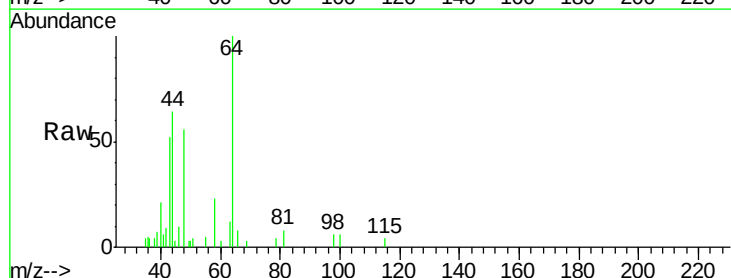
Tot Ion:101 Resp: 10754
 Ion Ratio Lower Upper
 101 100
 103 67.8 52.6 78.8

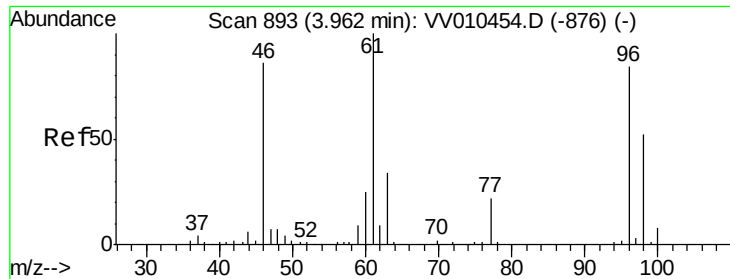


#13

Acetone
 Concen: 2.094 ug/L
 RT: 2.20 min Scan# 345
 Delta R.T. -0.02 min
 Lab File: VV010471.D
 Acq: 24 Apr 2019 18:52

Tgt Ion: 43 Resp: 3396
 Ion Ratio Lower Upper
 43 100
 58 30.6 0.0 59.6





#22

cis-1,2-Dichloroethene

Concen: 1.158 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV010471.D

Acq: 24 Apr 2019 18:52

Instrument :

MSVOA_V

ClientSampleId :

C0X54

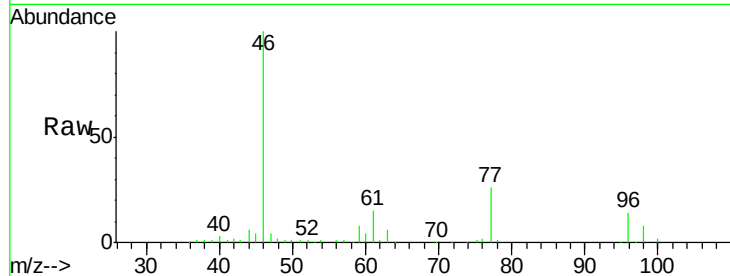
Tot Ion: 96 Resp: 17285

Ion Ratio Lower Upper

96 100

61 108.0 83.2 154.6

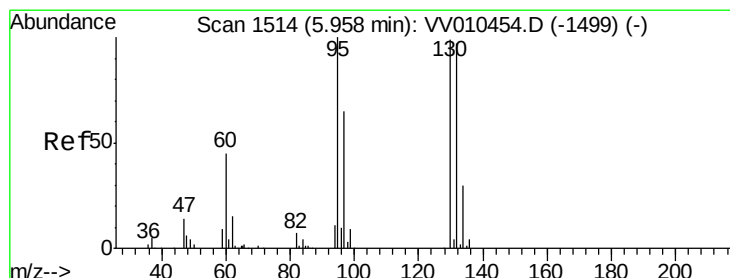
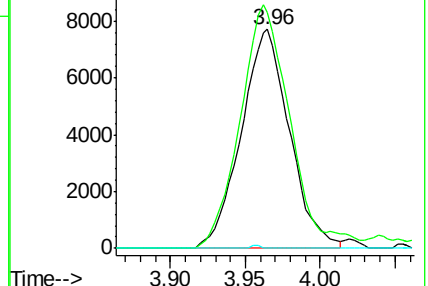
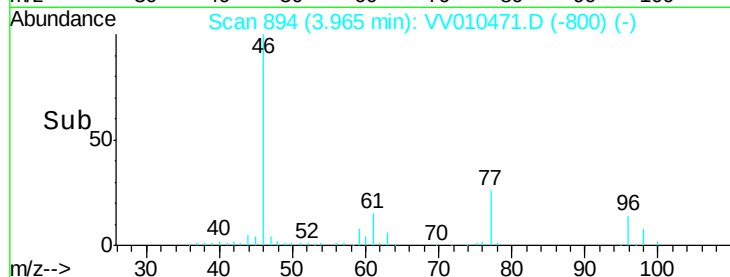
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV010471.D (-800) (-)

Ion 61.05 (60.75 to 61.75): VV010471.D (-800) (-)

Ion 68.15 (67.85 to 68.85): VV010471.D (-800) (-)



#34

Trichloroethene

Concen: 6.371 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010471.D

Acq: 24 Apr 2019 18:52

Tgt Ion: 95 Resp: 102818

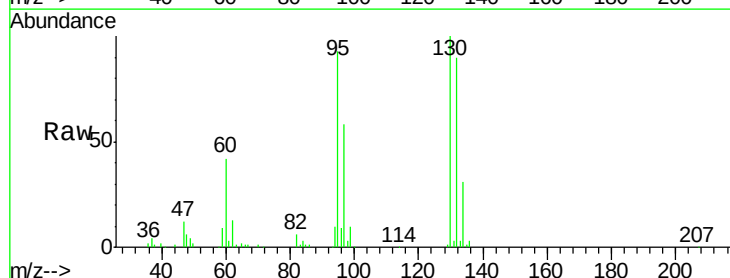
Ion Ratio Lower Upper

95 100

97 62.7 45.6 84.6

132 97.4 67.8 126.0

130 107.7 69.0 128.2

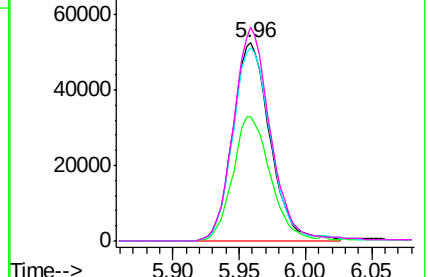
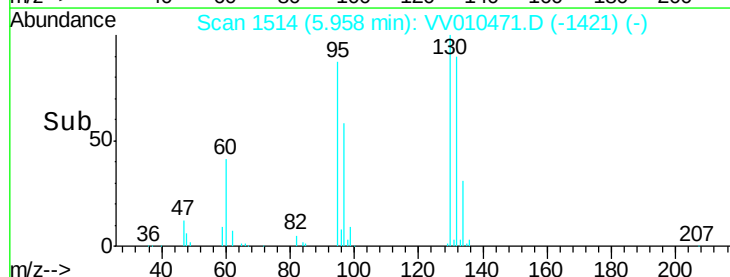


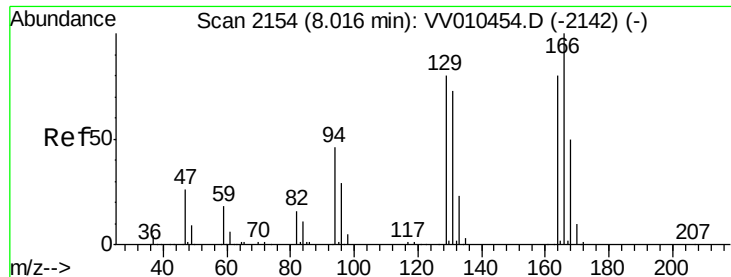
Abundance Ion 95.00 (94.70 to 95.70): VV010471.D (-1421) (-)

Ion 96.95 (96.65 to 97.65): VV010471.D (-1421) (-)

Ion 131.95 (131.65 to 132.65): VV010471.D (-1421) (-)

Ion 129.95 (129.65 to 130.65): VV010471.D (-1421) (-)

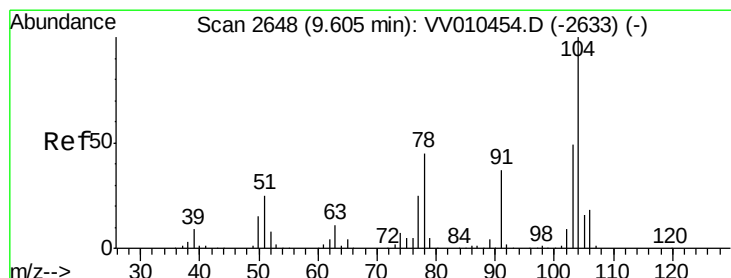
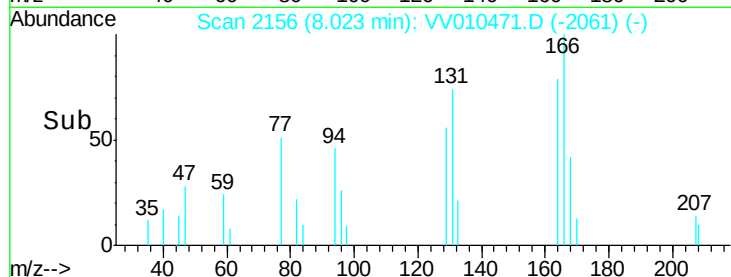
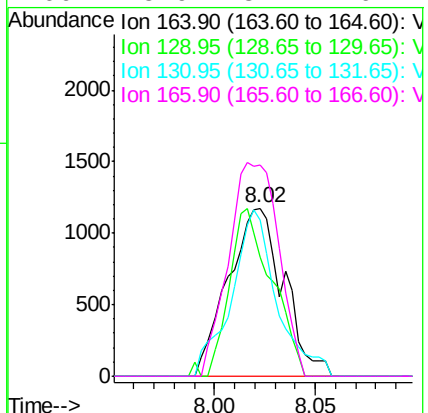
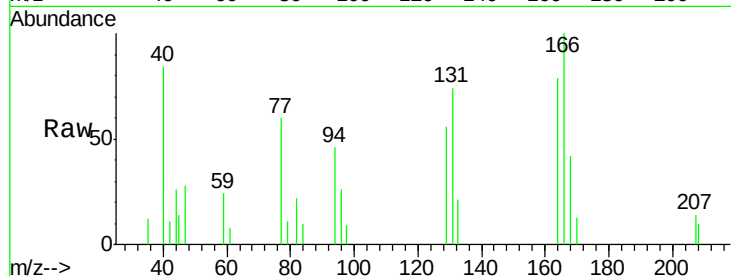




#47
Tetrachloroethene
Concen: 0.156 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.01 min
Lab File: VV010471.D
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Tot Ion:164 Resp: 2254
Ion Ratio Lower Upper
164 100
129 70.5 69.7 129.4
131 92.7 63.8 118.6
166 125.9 87.4 162.2



#55
Styrene
Concen: 0.188 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. 0.00 min
Lab File: VV010471.D
Acq: 24 Apr 2019 18:52

Tgt Ion:104 Resp: 8338
Ion Ratio Lower Upper
104 100
78 43.2 31.4 58.4

