

Data File : VV009531.D
Acq On : 07 Mar 2019 16:07
Operator : SY/MD
Sample : K1789-11
Misc : 5.54G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF1J1

Quant Time: Mar 08 03:05:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 03:01:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	168605	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	156804	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70581	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39601	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.04%
7) Chloroethane-d5	1.58	69	44883	15.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.16%
10) 1,1-Dichloroethene-d2	2.13	63	86117	16.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.24%
20) 2-Butanone-d5	3.95	46	23467	33.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.86%
24) Chloroform-d	4.40	84	92926	23.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	5.08	65	52305	22.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.56%
29) Benzene-d6	5.10	84	181791	23.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.64%
33) 1,2-Dichloropropane-d6	6.12	67	56180	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.04%
37) Toluene-d8	7.36	98	175555	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.76%
38) trans-1,3-Dichloropropene-	7.67	79	21839	19.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.64%
39) 2-Hexanone-d5	8.13	63	17398	32.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.06%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47400	19.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	60397	23.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.76%

Target Compounds

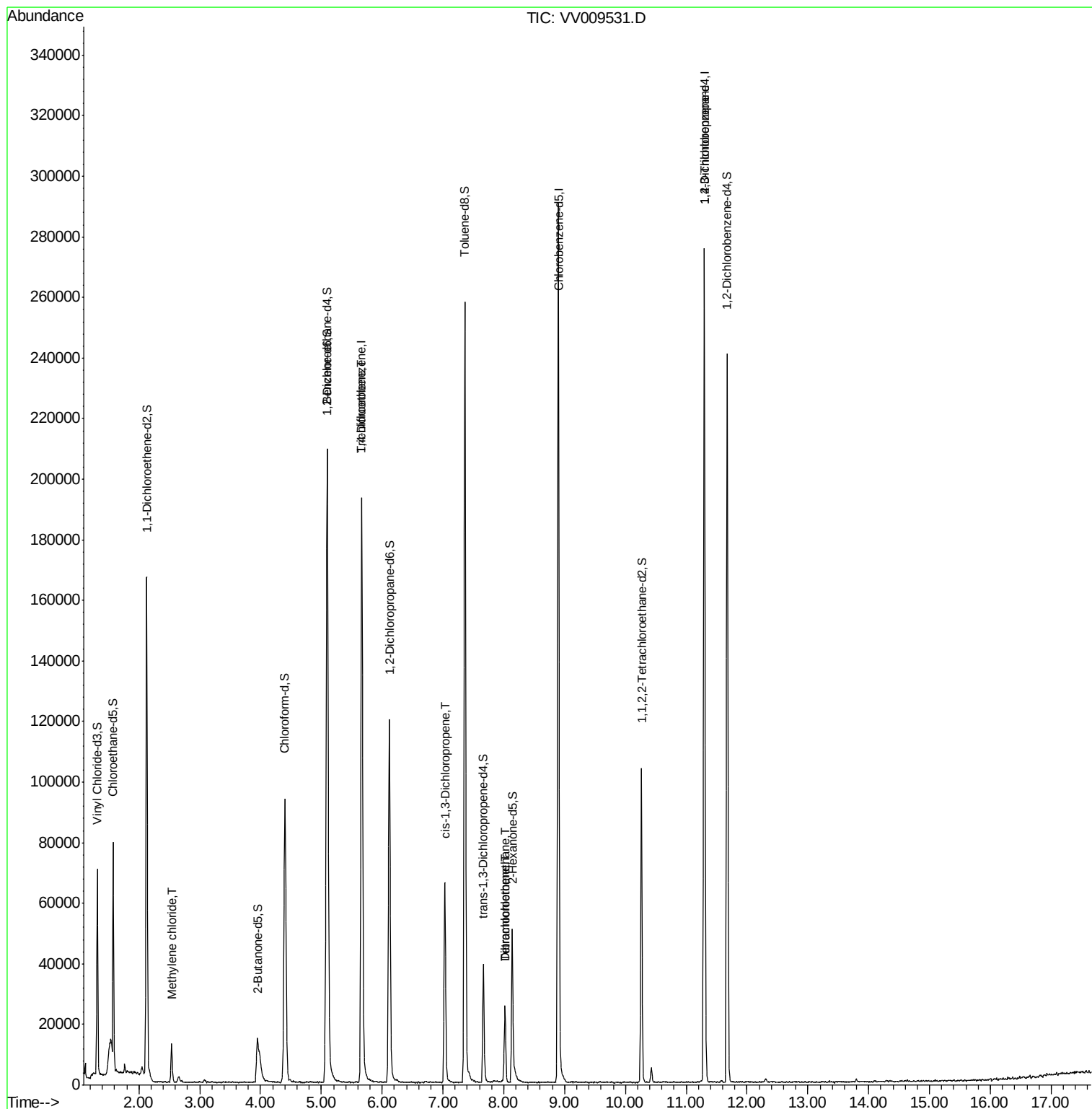
						Qvalue
16) Methylene chloride	2.54	84	4990	2.255	ug/L	97
35) Trichloroethene	5.67	95	5176	2.223	ug/L #	6
42) cis-1,3-Dichloropropene	7.03	75	1898	0.585	ug/L #	64
47) Tetrachloroethene	8.02	164	5521	3.126	ug/L	91
50) Dibromochloromethane	8.02	129	5263	2.505	ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	10027	5.676	ug/L	96

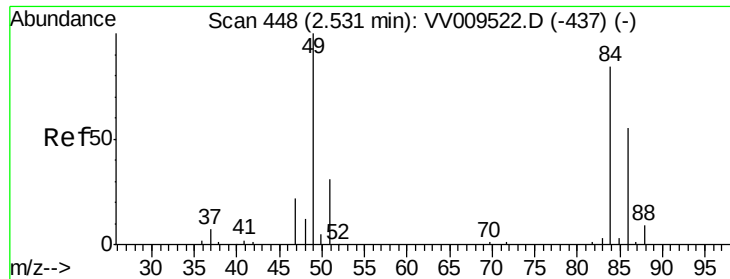
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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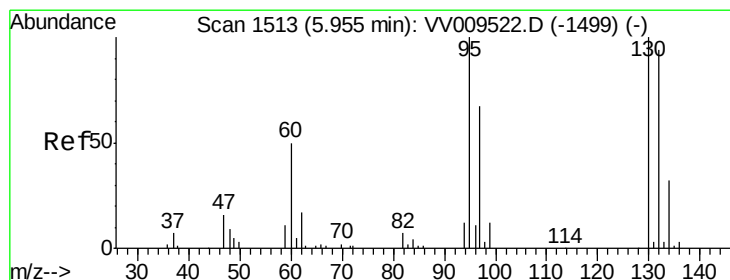
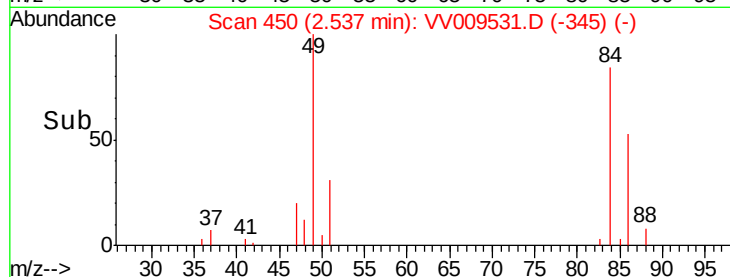
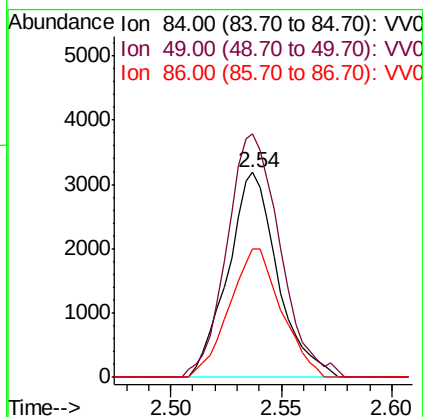
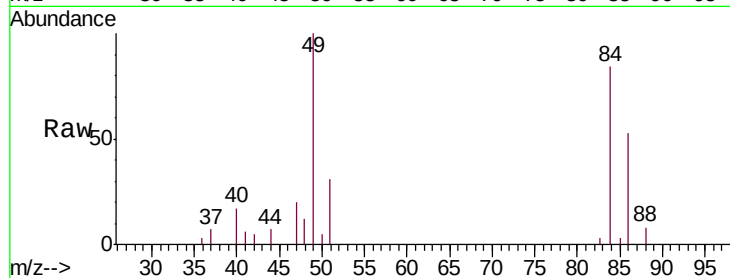




#16
Methylene chloride
Concen: 2.255 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV009531.D
Acq: 07 Mar 2019 16:07

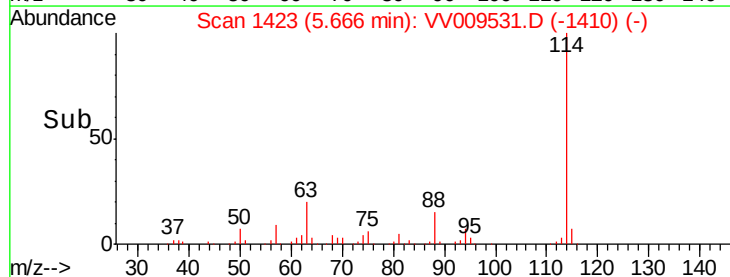
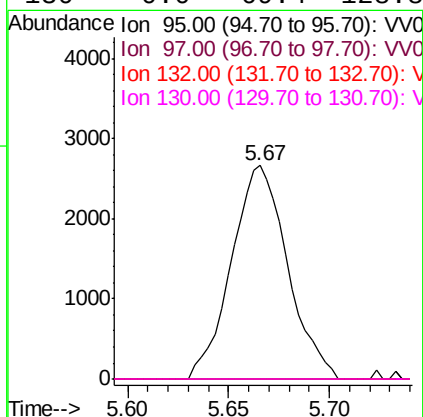
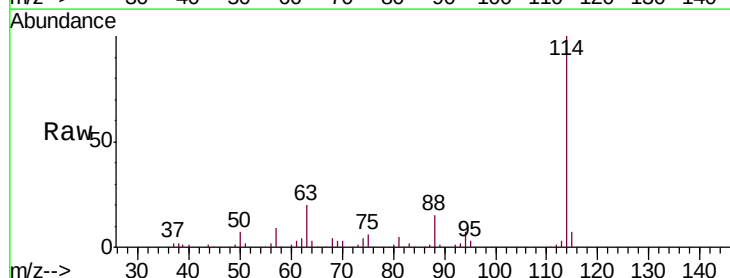
Instrument :
MSVOA_V
ClientSampleId :
BF1J1

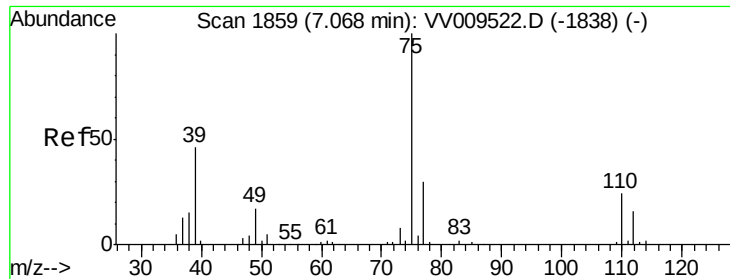
Tgt Ion: 84 Resp: 4990
Ion Ratio Lower Upper
84 100
49 118.7 84.6 157.0
86 62.9 46.1 85.7



#35
Trichloroethene
Concen: 2.223 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV009531.D
Acq: 07 Mar 2019 16:07

Tgt Ion: 95 Resp: 5176
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 64.4 119.6#
130 0.0 69.4 128.8#



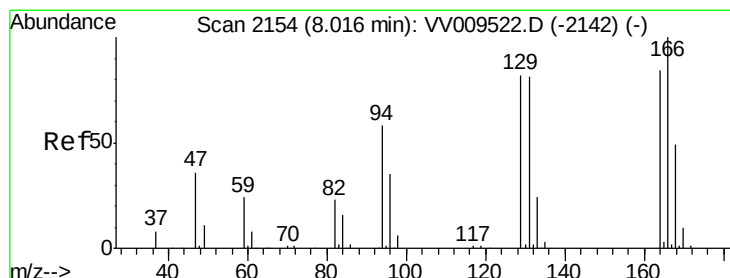
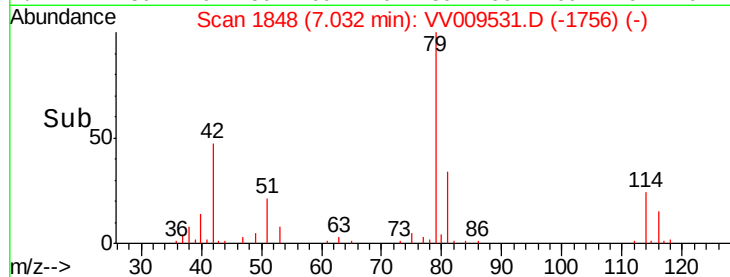
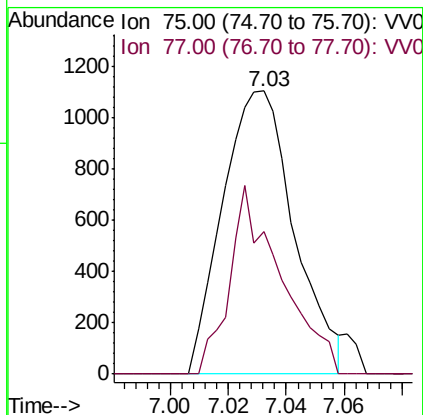
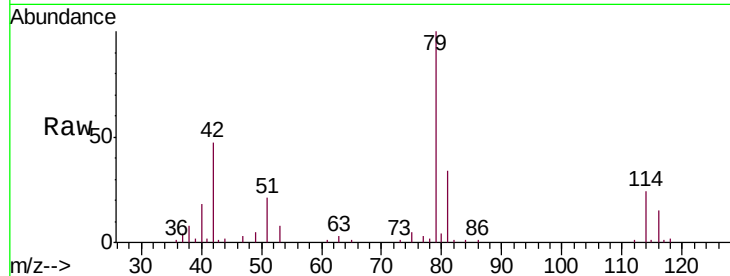


#42

cis-1,3-Dichloropropene
 Concen: 0.585 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009531.D
 Acq: 07 Mar 2019 16:07

Instrument :
 MSVOA_V
 ClientSampleId :
 BF1J1

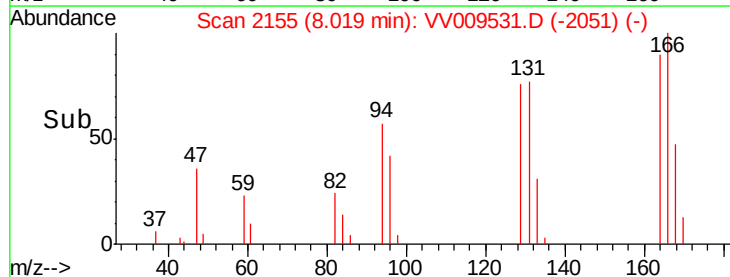
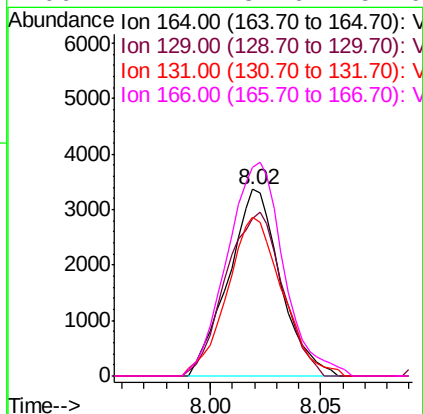
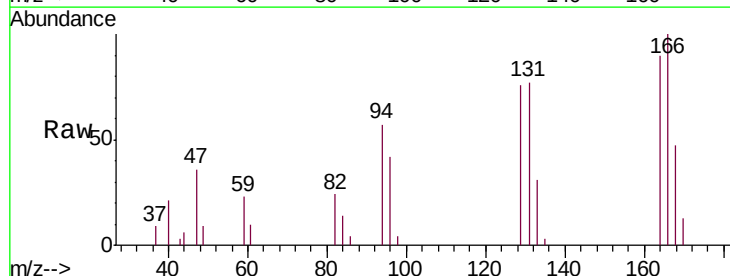
Tgt Ion: 75 Resp: 1898
 Ion Ratio Lower Upper
 75 100
 77 50.3 21.4 39.8#

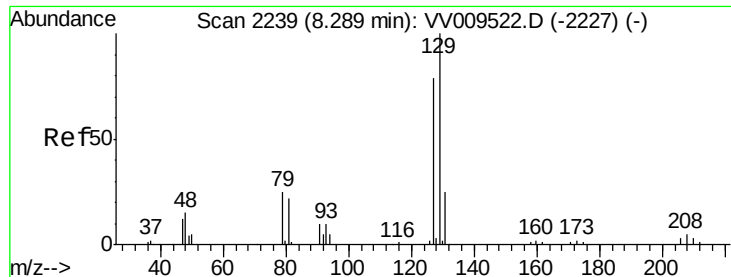


#47

Tetrachloroethene
 Concen: 3.126 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV009531.D
 Acq: 07 Mar 2019 16:07

Tgt Ion: 164 Resp: 5521
 Ion Ratio Lower Upper
 164 100
 129 84.2 67.7 125.7
 131 85.3 67.5 125.3
 166 111.4 81.6 151.6

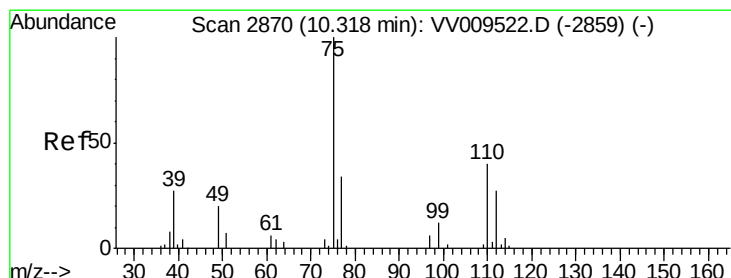
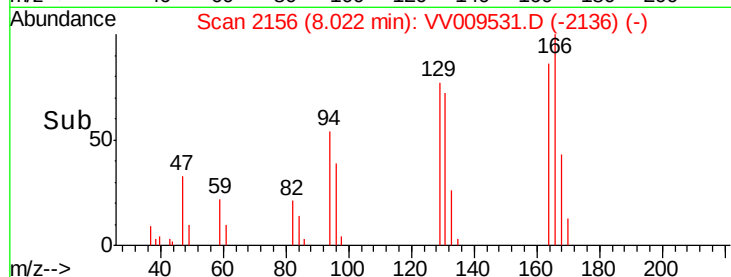
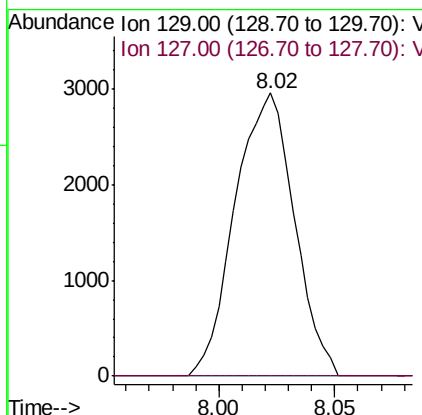
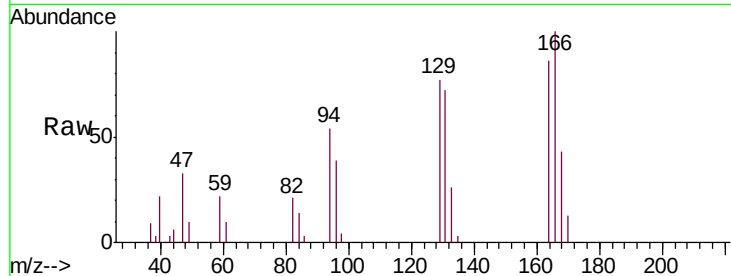




#50
 Dibromochloromethane
 Concen: 2.505 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. -0.27 min
 Lab File: VV009531.D
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Tgt Ion:129 Resp: 5263
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.7 99.7#



#59
 1,2,3-Trichloropropane
 Concen: 5.676 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV009531.D
 Acq: 07 Mar 2019 16:07

Tgt Ion: 75 Resp: 10027
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.9 38.9

