

Data File : VV010961.D
Acq On : 20 May 2019 15:55
Operator : SY/MD
Sample : VV0520SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK95

Quant Time: May 21 04:06:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 04:03:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	138112	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	136567	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63169	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35503	22.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.20%
7) Chloroethane-d5	1.57	69	23986	22.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.00%
10) 1,1-Dichloroethene-d2	2.12	63	50884	16.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.24%
20) 2-Butanone-d5	3.94	46	22472	41.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.72%
24) Chloroform-d	4.40	84	74469	20.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.24%
26) 1,2-Dichloroethane-d4	5.08	65	44124	20.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.72%
29) Benzene-d6	5.09	84	172426	23.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.52%
33) 1,2-Dichloropropane-d6	6.11	67	53968	22.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.12%
37) Toluene-d8	7.36	98	159334	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.96%
38) trans-1,3-Dichloropropene-	7.66	79	20068	20.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.52%
39) 2-Hexanone-d5	8.13	63	15606	35.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44719	18.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	58027	22.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.48%

Target Compounds

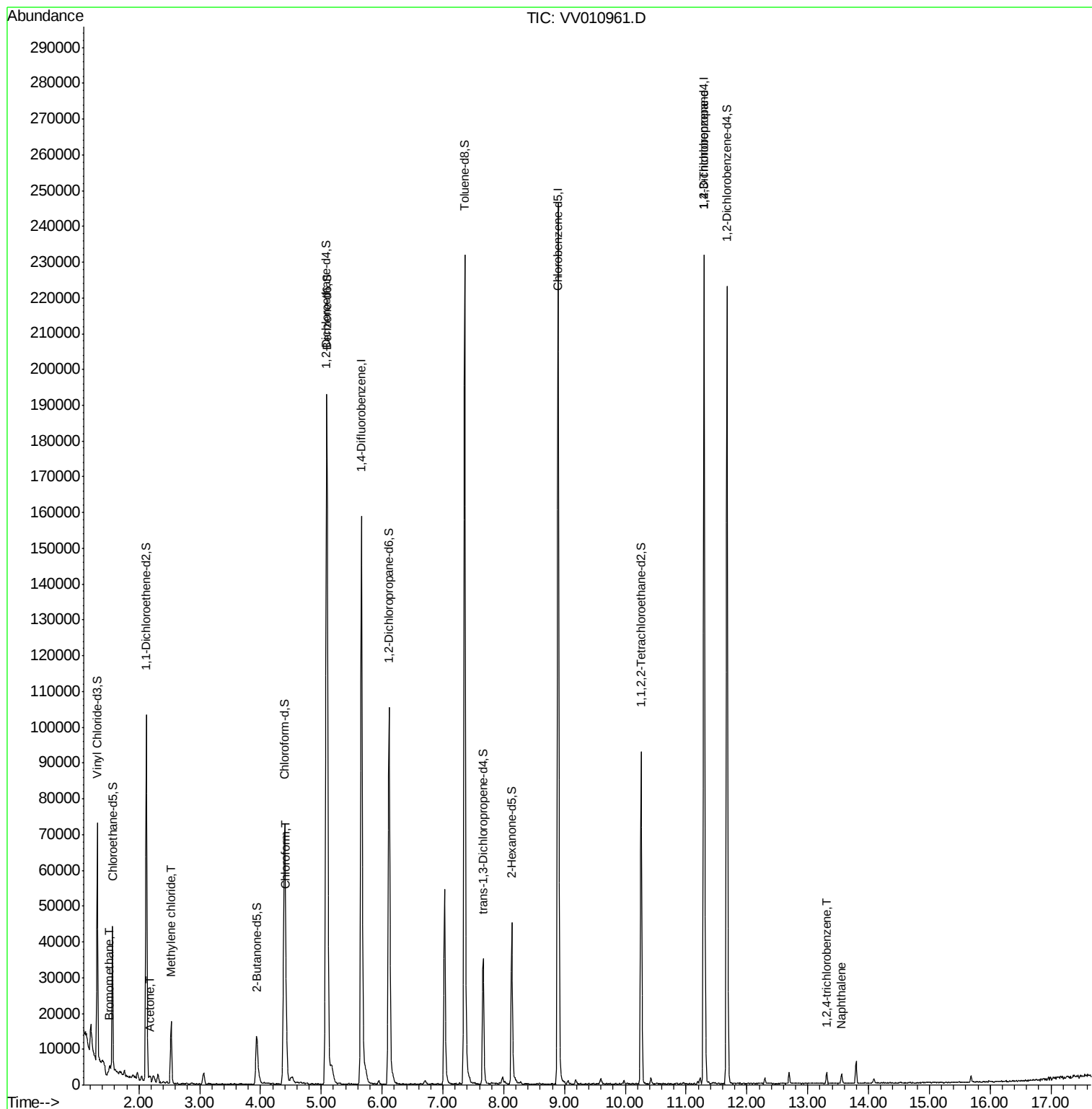
					Qvalue
6) Bromomethane	1.51	94	511	0.790 ug/L	99
13) Acetone	2.19	43	739	1.410 ug/L	99
16) Methylene chloride	2.53	84	6995	2.951 ug/L	97
25) Chloroform	4.42	83	8519	2.056 ug/L #	68
59) 1,2,3-Trichloropropane	11.30	75	7894	4.629 ug/L	92
68) 1,2,4-trichlorobenzene	13.31	180	1316	0.527 ug/L #	84
69) Naphthalene	13.56	128	2863	0.572 ug/L	96

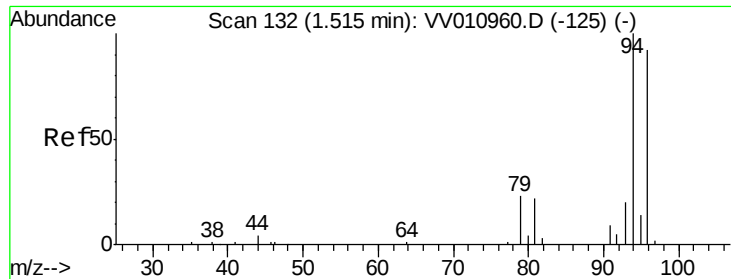
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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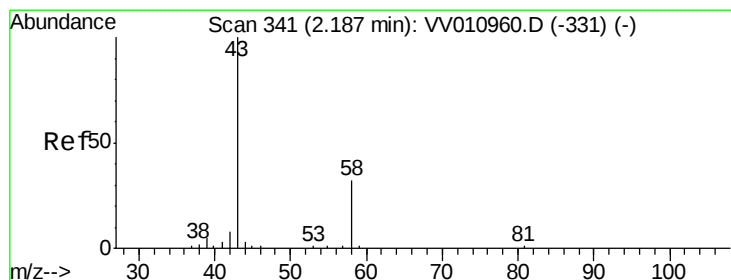
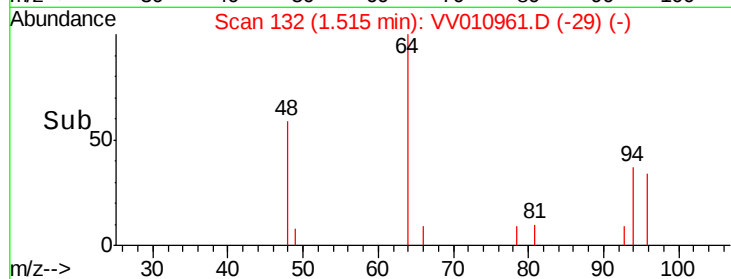
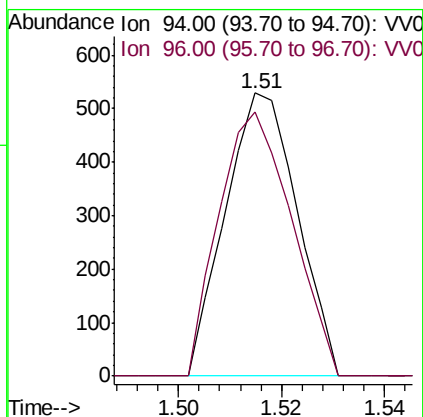
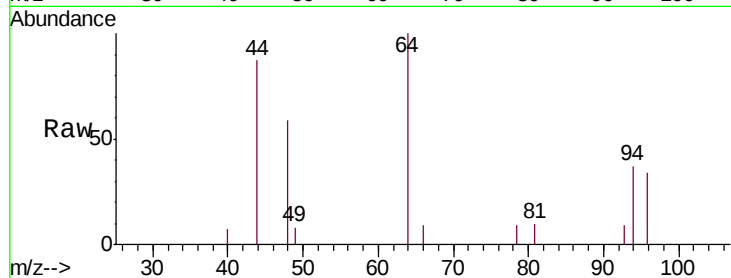




#6
 Bromomethane
 Concen: 0.790 ug/L
 RT: 1.51 min Scan# 132
 Delta R.T. 0.00 min
 Lab File: VV010961.D
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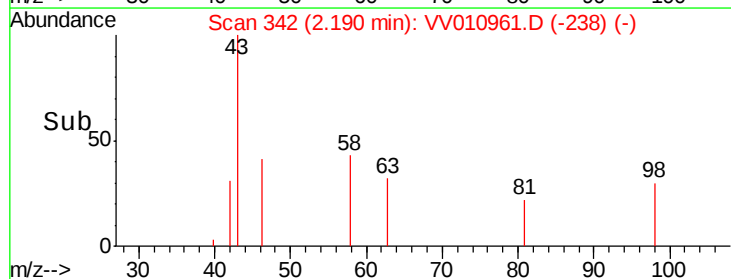
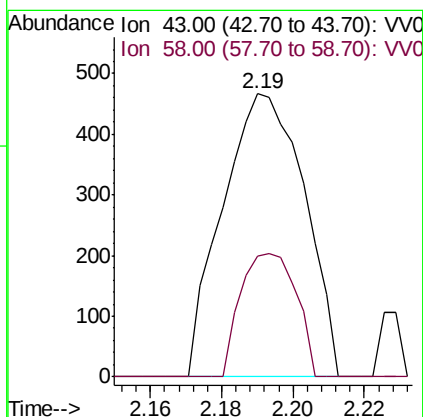
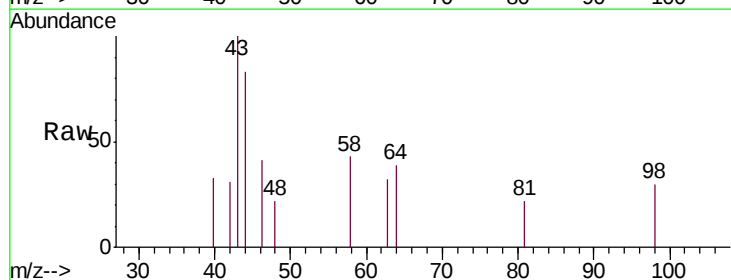
Instrument :
 MSVOA_V
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 VBLK95

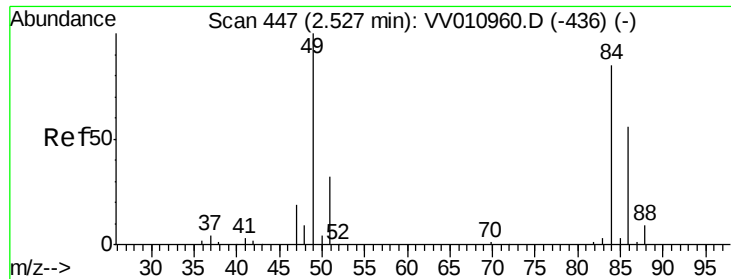
Tgt Ion: 94 Resp: 511
 Ion Ratio Lower Upper
 94 100
 96 94.5 9.3 177.7



#13
 Acetone
 Concen: 1.410 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VV010961.D
 Acq: 20 May 2019 15:55

Tgt Ion: 43 Resp: 739
 Ion Ratio Lower Upper
 43 100
 58 29.6 0.0 60.8

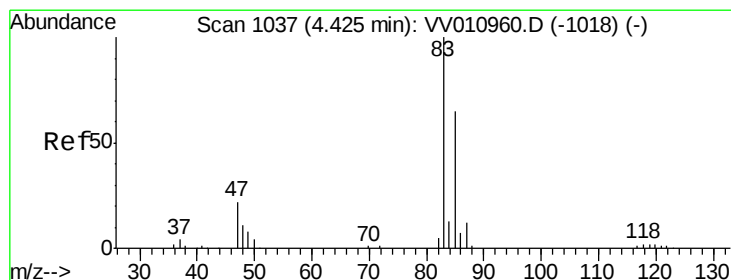
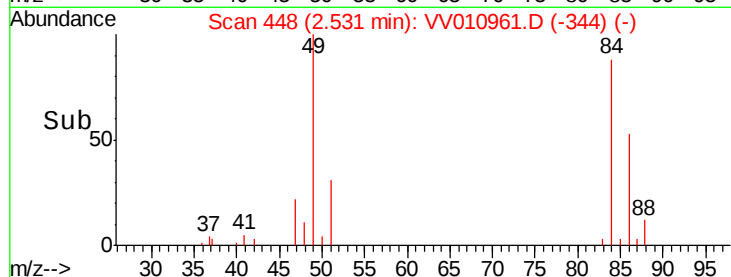
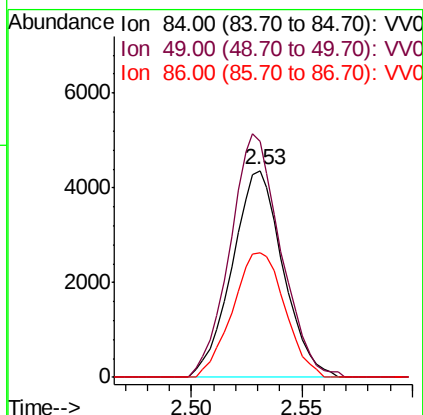
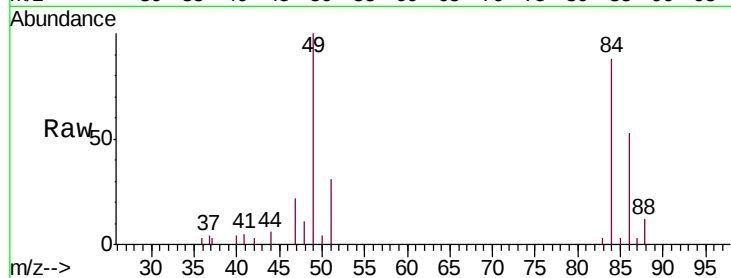




#16
Methylene chloride
Concen: 2.951 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV010961.D
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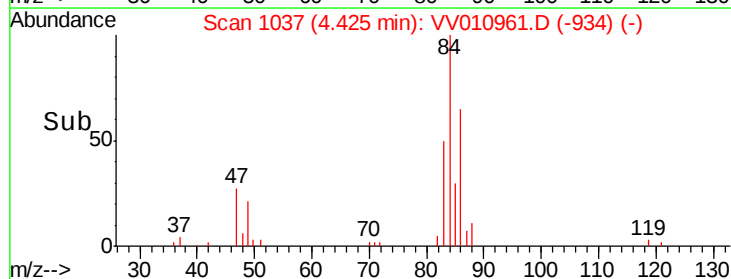
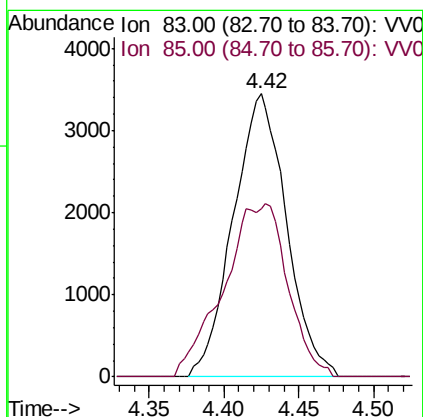
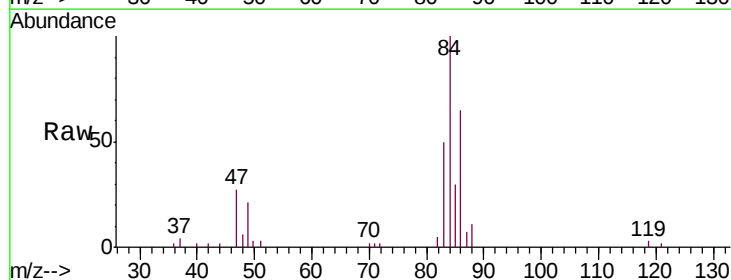
Instrument :
MSVOA_V
ClientSampleId :
VBLK95

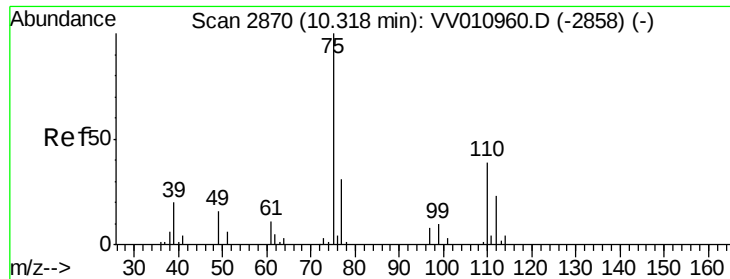
Tgt Ion: 84 Resp: 6995
Ion Ratio Lower Upper
84 100
49 113.7 77.4 143.8
86 60.4 44.0 81.6



#25
Chloroform
Concen: 2.056 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV010961.D
Acq: 20 May 2019 15:55

Tgt Ion: 83 Resp: 8519
Ion Ratio Lower Upper
83 100
85 40.2 45.6 84.8#

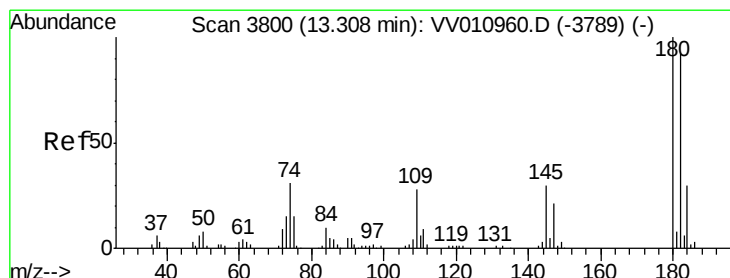
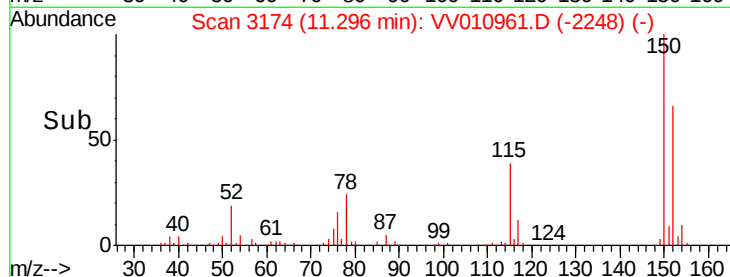
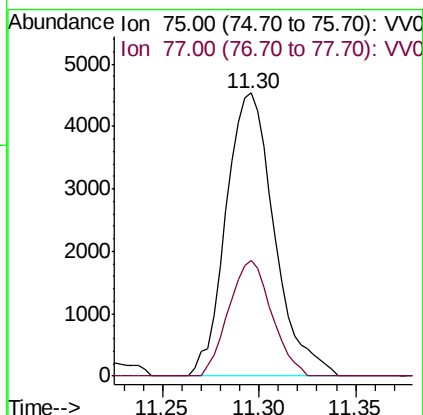
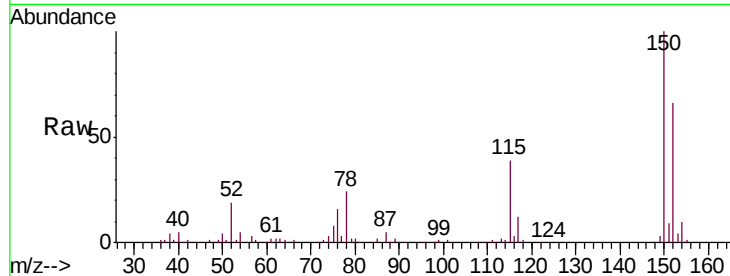




#59
 1,2,3-Trichloropropane
 Concen: 4.629 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010961.D
 Acq: 20 May 2019 15:55

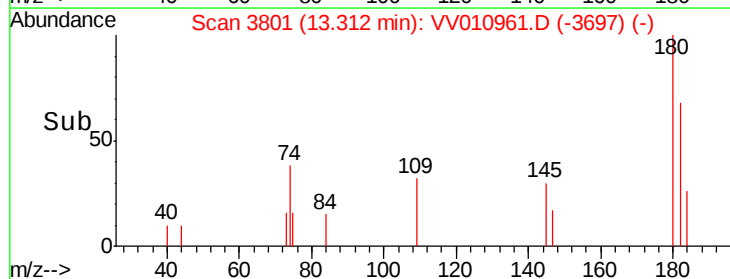
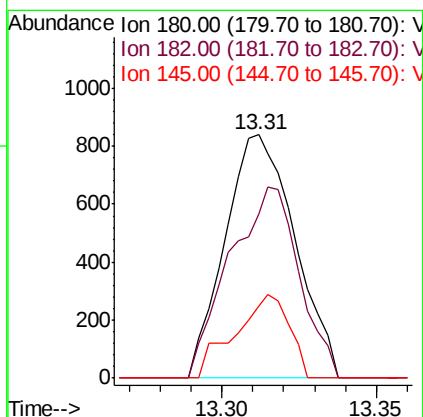
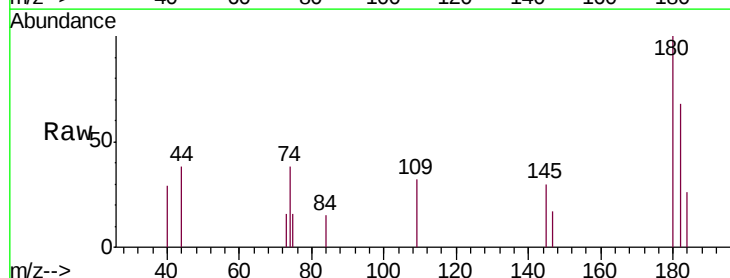
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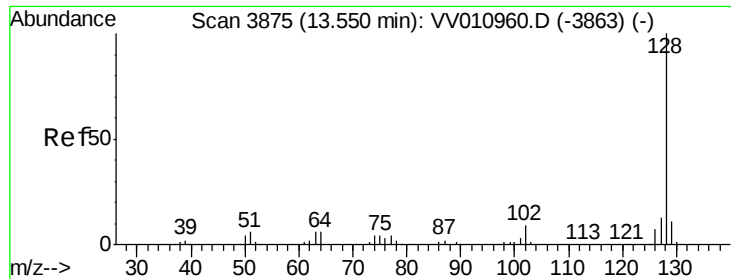
Tgt Ion: 75 Resp: 7894
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.4 38.2



#68
 1,2,4-trichlorobenzene
 Concen: 0.527 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV010961.D
 Acq: 20 May 2019 15:55

Tgt Ion: 180 Resp: 1316
 Ion Ratio Lower Upper
 180 100
 182 78.1 75.4 113.2
 145 23.3 25.1 37.7#





#69

Naphthalene

Concen: 0.572 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.01 min

Lab File: VV010961.D

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Instrument :

MSVOA_V

ClientSampleId :

VBLK95

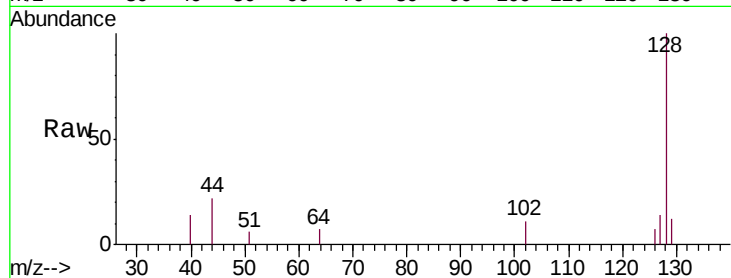
Tgt Ion:128 Resp: 2863

Ion Ratio Lower Upper

128 100

129 9.6 8.6 12.8

127 11.1 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

