

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\
 Data File : VV009074.D
 Acq On : 20 Dec 2018 02:52
 Operator : SY/MD
 Sample : J6468-09
 Misc : 3.98G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JG7

Manual Integrations
 APPROVED

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 12/20/2018 1:25:53 PM

Quant Time: Dec 20 04:40:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 20 03:44:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	80899	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	33865	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	3923	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	46836	55.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	223.80%#
7) Chloroethane-d5	1.58	69	52589	85.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	340.12%#
10) 1,1-Dichloroethene-d2	2.13	63	83670	39.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	159.88%#
20) 2-Butanone-d5	3.94	46	26539m	87.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	174.14%#
24) Chloroform-d	4.40	84	132428	68.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	272.36%#
26) 1,2-Dichloroethane-d4	5.08	65	72462	68.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	273.12%#
29) Benzene-d6	5.10	84	151799	80.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	321.04%#
33) 1,2-Dichloropropane-d6	6.12	67	79316	149.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	599.16%#
37) Toluene-d8	7.36	98	90374	51.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	206.52%#
38) trans-1,3-Dichloropropene-	7.67	79	17404	74.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	299.24%#
39) 2-Hexanone-d5	8.14	63	12365	127.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	254.94%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44710	100.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	402.64%#
61) 1,2-Dichlorobenzene-d4	11.68	152	4999	33.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	135.80%#

Target Compounds

					Qvalue
16) Methylene chloride	2.53	84	6807	4.997 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	3162	2.806 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	17232	14.666 ug/L	94
35) Trichloroethene	5.96	95	42246	69.065 ug/L	99
47) Tetrachloroethene	8.02	164	54451	109.460 ug/L	99

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

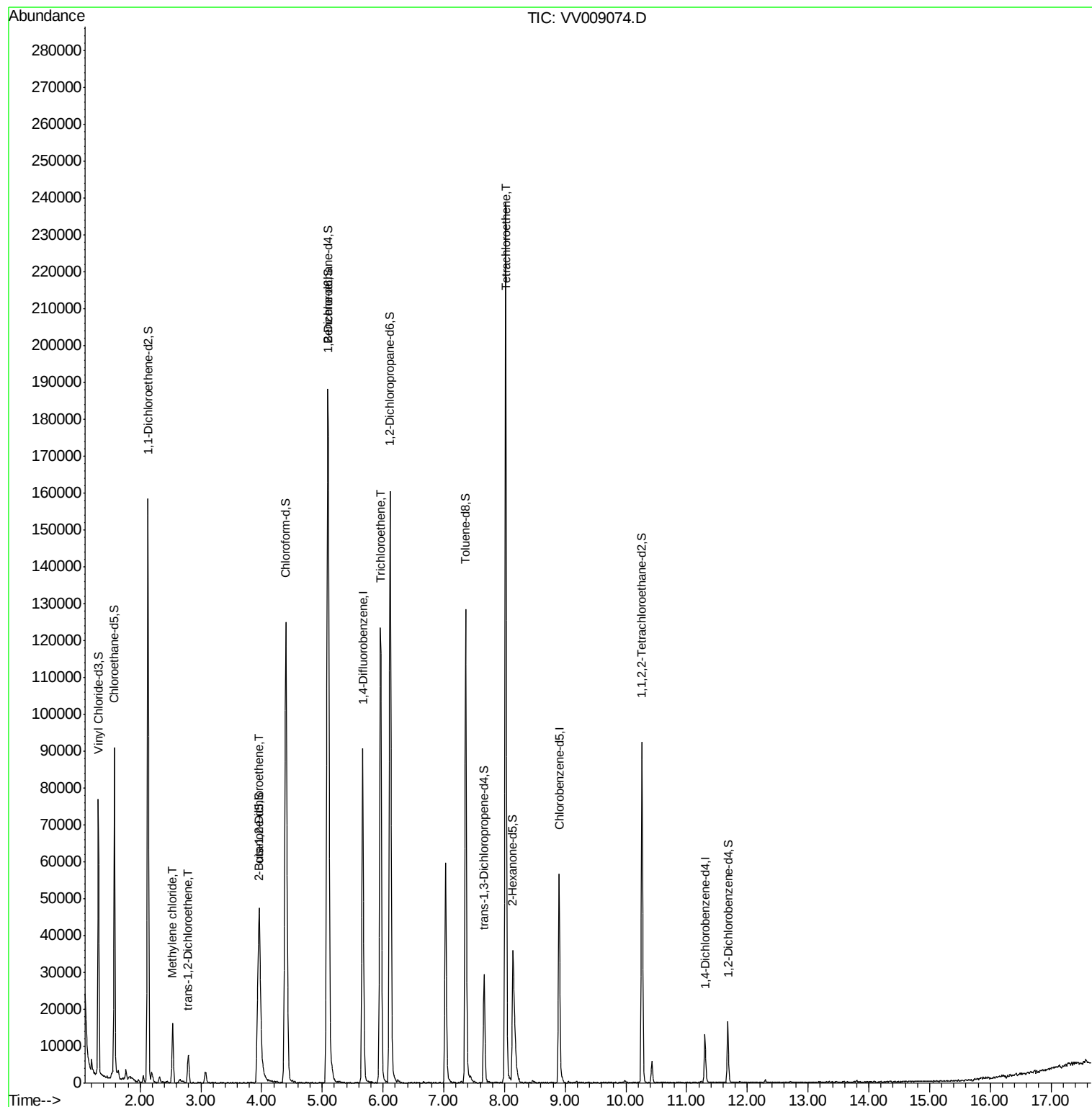
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV121918\
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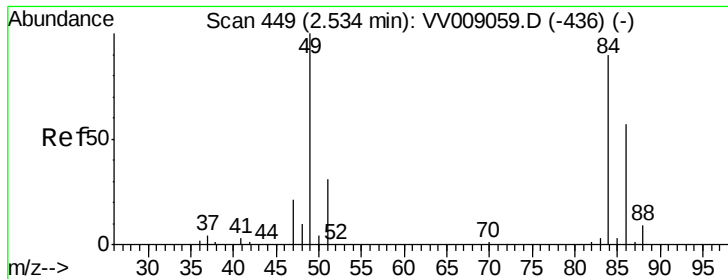
Instrument :
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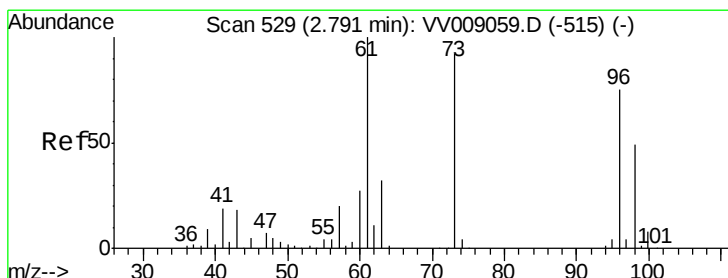
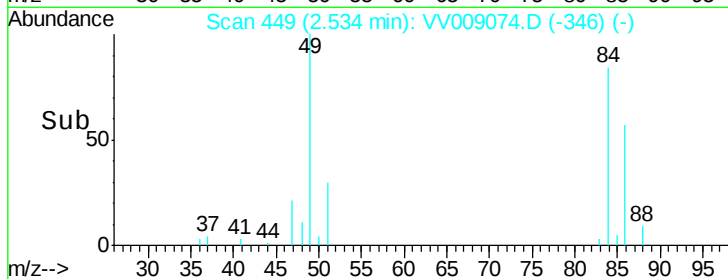
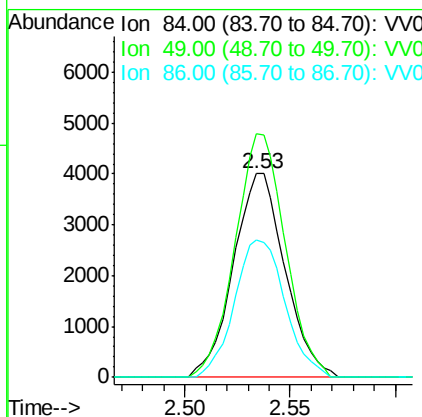
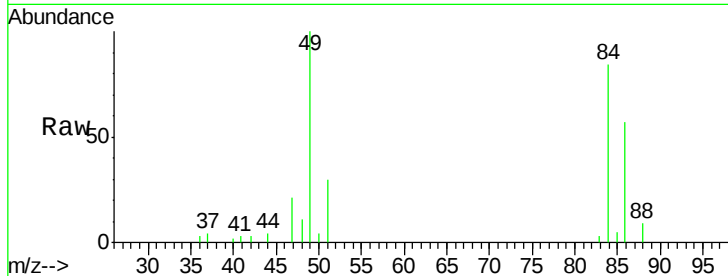
#16
Methylene chloride
Concen: 4.997 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009074.D
Acq: 20 Dec 2018 02:52

Instrument :
MSVOA_V
ClientSampleId :
C0JG7

Tgt Ion: 84 Resp: 6807
Ion Ratio Lower Upper
84 100
49 119.6 80.5 149.5
86 67.7 45.5 84.5

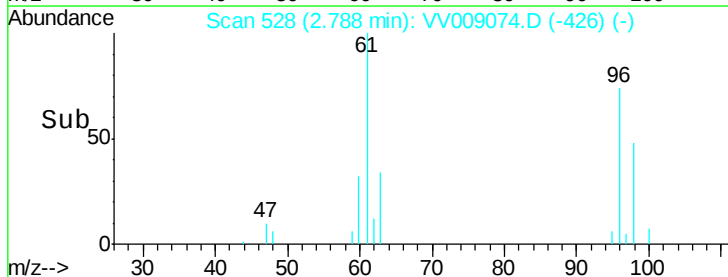
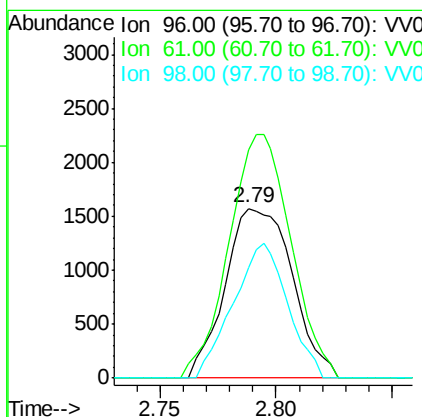
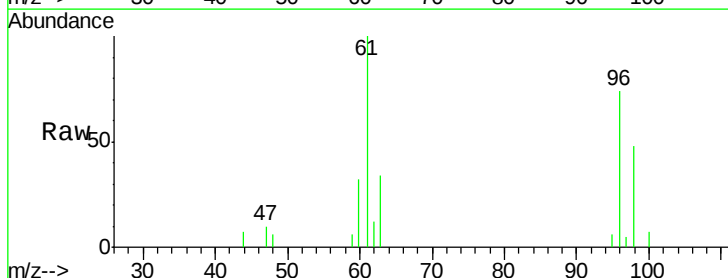
Manual Integrations
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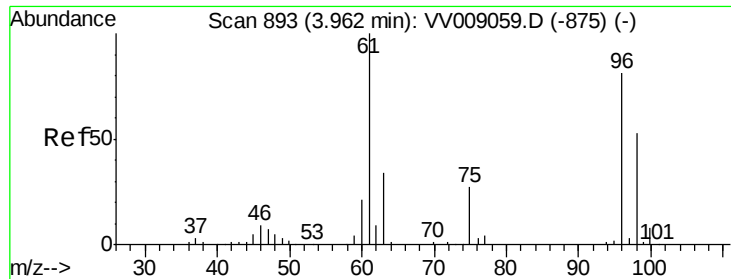
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#18
trans-1,2-Dichloroethene
Concen: 2.806 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV009074.D
Acq: 20 Dec 2018 02:52

Tgt Ion: 96 Resp: 3162
Ion Ratio Lower Upper
96 100
61 135.1 94.6 175.8
98 65.0 45.3 84.1





#22

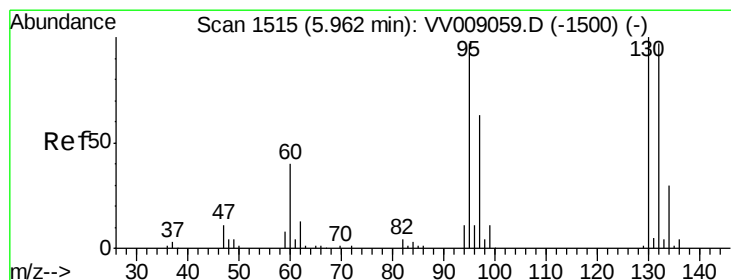
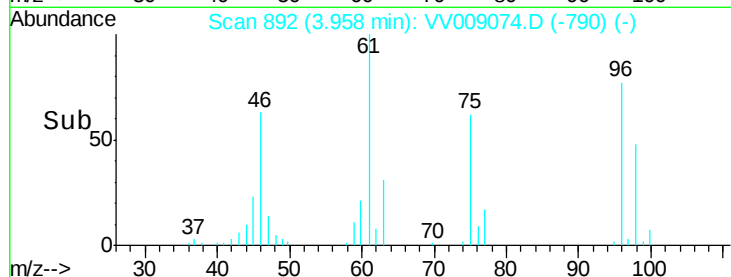
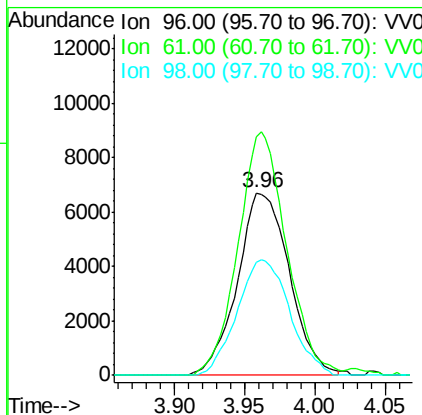
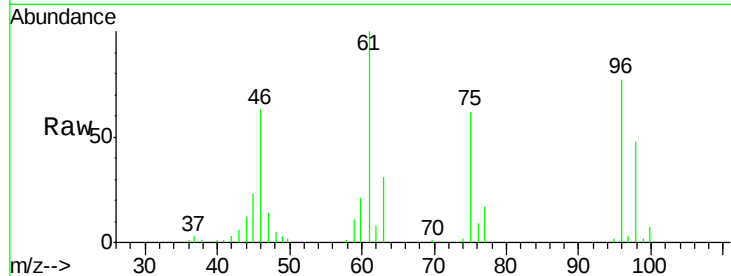
cis-1,2-Dichloroethene
Concen: 14.666 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV009074.D
Acq: 20 Dec 2018 02:52

Instrument :
MSVOA_V
ClientSampleId :
C0JG7

Tgt Ion: 96 Resp: 17232
Ion Ratio Lower Upper
96 100
61 130.7 86.2 160.0
98 62.3 45.6 84.6

Manual Integrations
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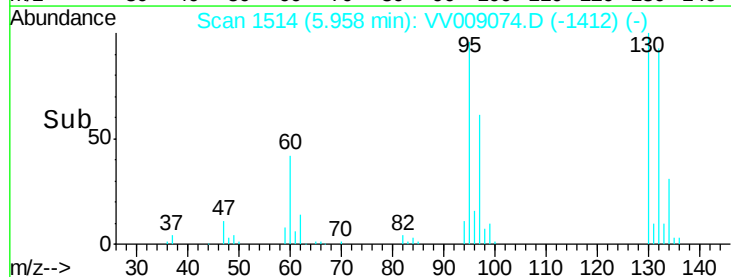
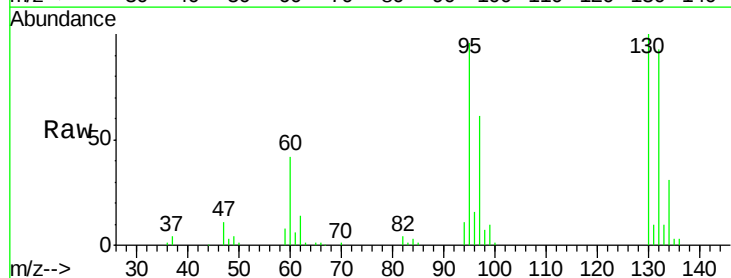
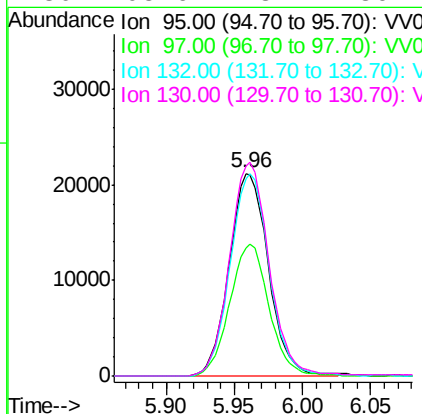
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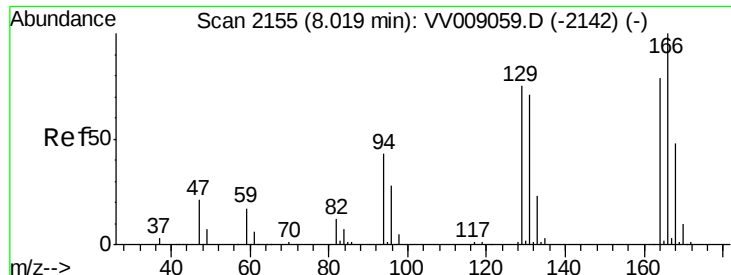


#35

Trichloroethene
Concen: 69.065 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV009074.D
Acq: 20 Dec 2018 02:52

Tgt Ion: 95 Resp: 42246
Ion Ratio Lower Upper
95 100
97 65.4 45.3 84.1
132 99.9 70.0 130.0
130 105.6 73.4 136.4





#47

Tetrachloroethene

Concen: 109.460 ug/L

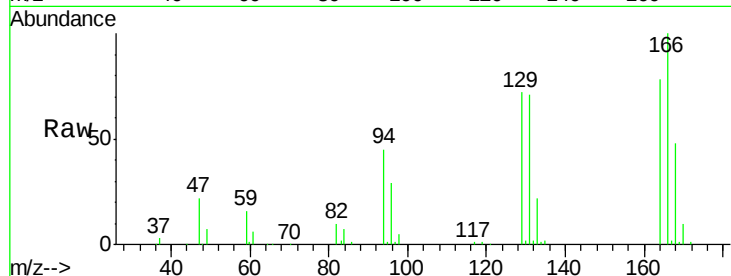
RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009074.D

Acq: 20 Dec 2018 02:52

Instrument :
MSVOA_V
ClientSampleId :
C0JG7



Tgt Ion	Ratio	Lower	Upper
164	100		
129	92.6	64.6	120.0
131	91.0	64.5	119.7
166	128.9	88.7	164.7

Manual Integrations
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