

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
 Data File : VV013230.D
 Acq On : 19 Oct 2019 03:40
 Operator : SY/MD
 Sample : K5457-14
 Misc : 25.00ML/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0K19

Quant Time: Nov 01 04:28:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 01 02:14:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	419580	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	461476	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	225877	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	212214	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.58	69	174316	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.13	63	253555	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	3.96	46	544472	61.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.82%
24) Chloroform-d	4.40	84	413151	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.08	65	211696	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.09	84	843182	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.11	67	259915	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.36	98	687244	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.66	79	85004	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.14	63	376882	50.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	193203	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	263357	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

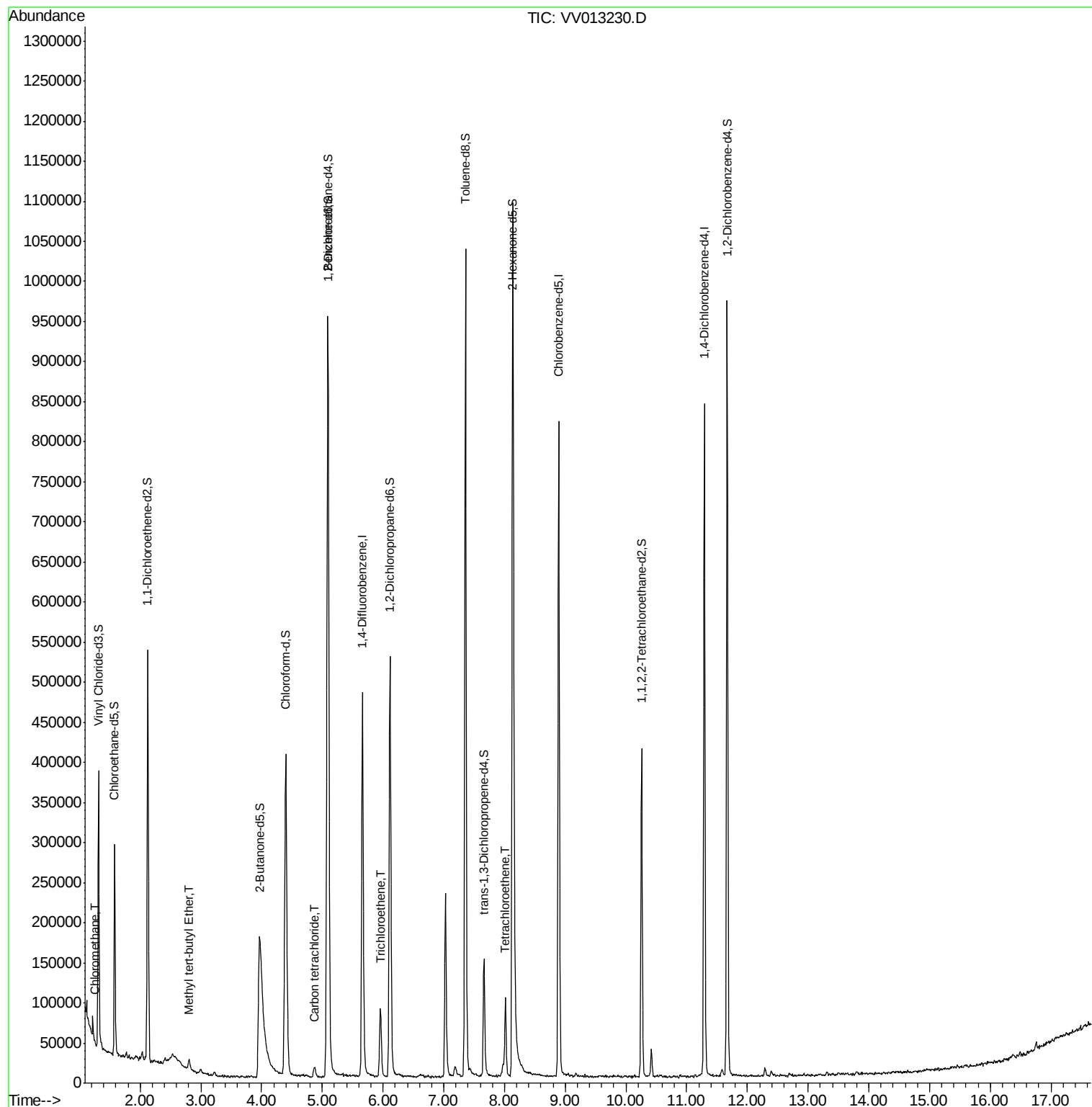
					Qvalue
3) Chloromethane	1.25	50	5907	0.117 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	12684	0.141 ug/L #	86
31) Carbon tetrachloride	4.87	117	9242	0.146 ug/L	96
34) Trichloroethene	5.96	95	28943	0.600 ug/L	98
47) Tetrachloroethene	8.02	164	23905	0.567 ug/L	97

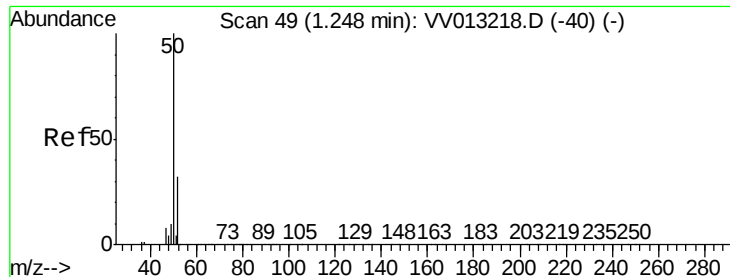
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
Data File : VV013230.D
Acq On : 19 Oct 2019 03:40
Operator : SY/MD
Sample : K5457-14
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0K19

Quant Time: Nov 01 04:28:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 02:14:39 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.117 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV013230.D

Acq: 19 Oct 2019 03:40

Instrument :

MSVOA_V

ClientSampled :

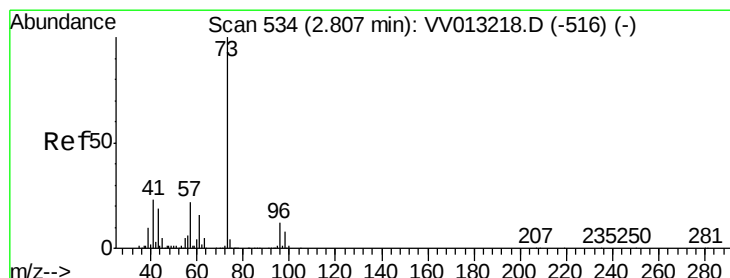
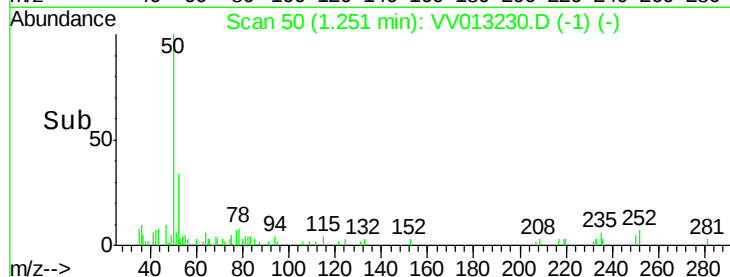
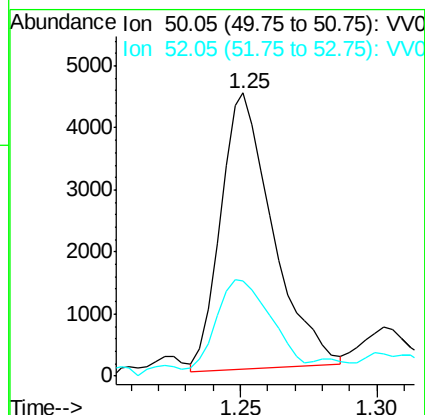
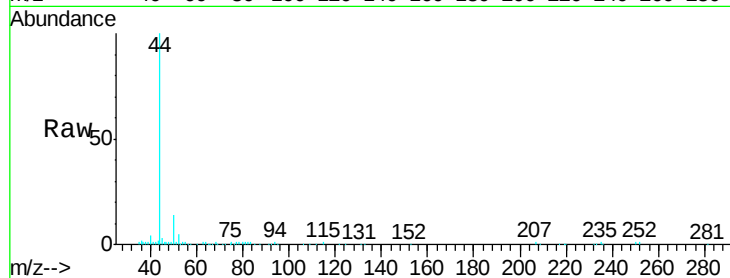
C0K19

Tgt Ion: 50 Resp: 5907

Ion Ratio Lower Upper

50 100

52 33.7 23.0 42.8



#17

Methyl tert-butyl Ether

Concen: 0.141 ug/L

RT: 2.81 min Scan# 534

Delta R.T. 0.00 min

Lab File: VV013230.D

Acq: 19 Oct 2019 03:40

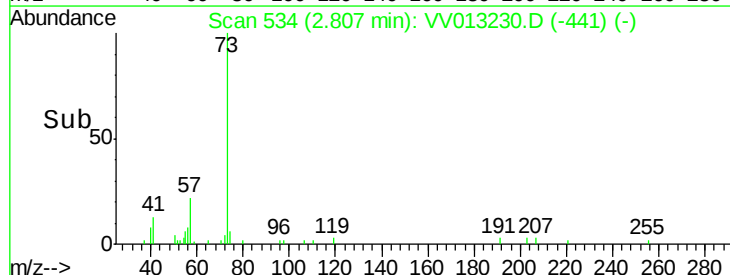
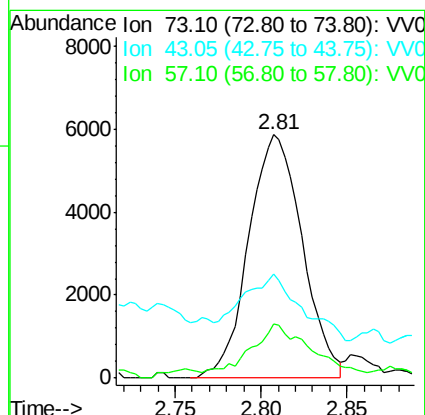
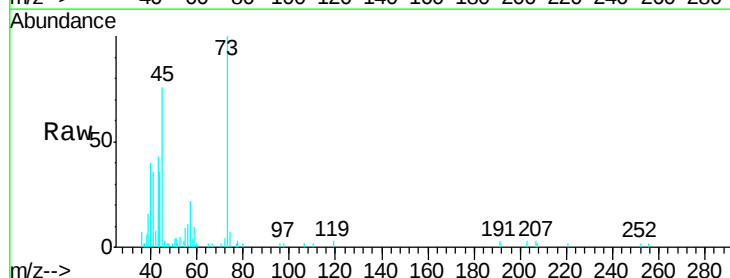
Tgt Ion: 73 Resp: 12684

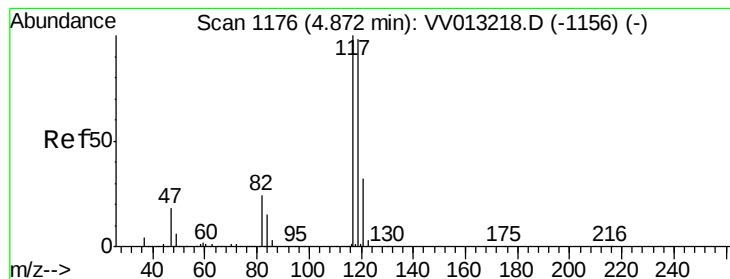
Ion Ratio Lower Upper

73 100

43 30.7 14.6 22.0#

57 20.9 17.8 26.8





#31

Carbon tetrachloride

Concen: 0.146 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VV013230.D

Acq: 19 Oct 2019 03:40

Instrument :

MSVOA_V

ClientSampleId :

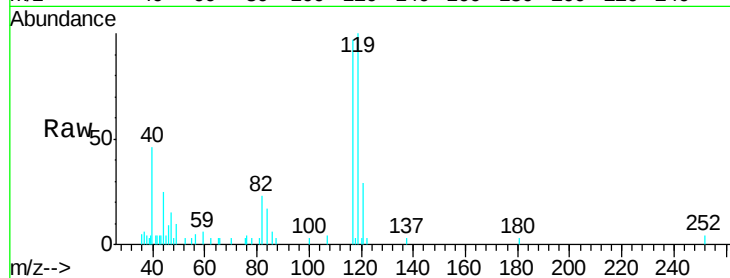
C0K19

Tgt Ion:117 Resp: 9242

Ion Ratio Lower Upper

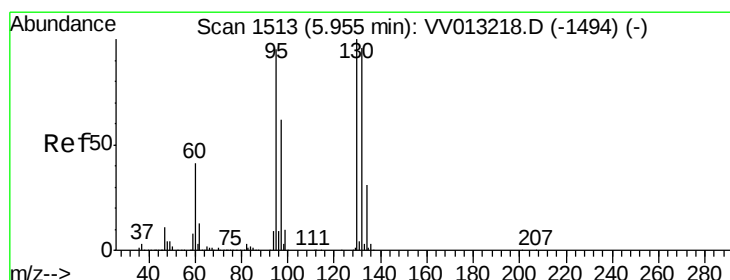
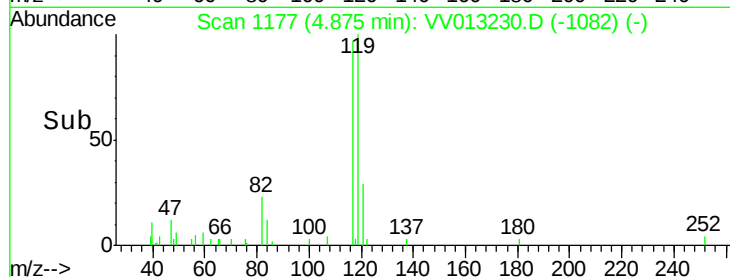
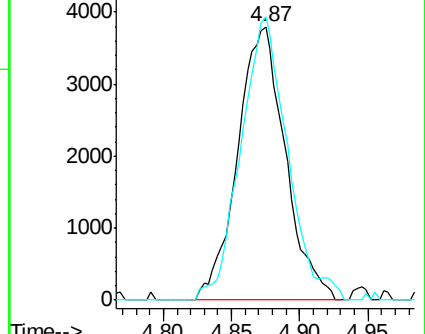
117 100

119 101.0 77.9 116.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 0.600 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV013230.D

Acq: 19 Oct 2019 03:40

Tgt Ion: 95 Resp: 28943

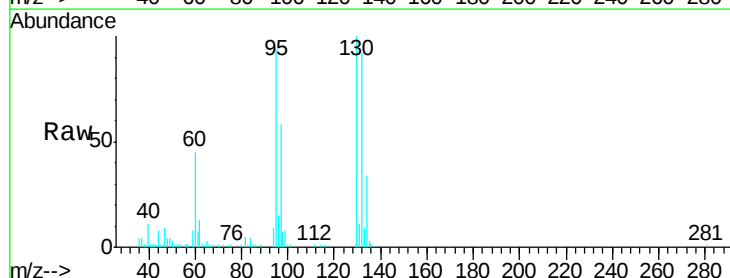
Ion Ratio Lower Upper

95 100

97 61.7 44.7 82.9

132 97.8 68.9 127.9

130 105.9 72.7 134.9

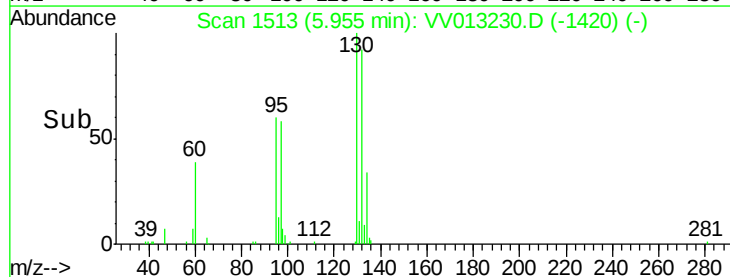
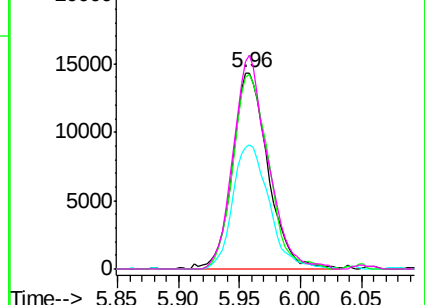


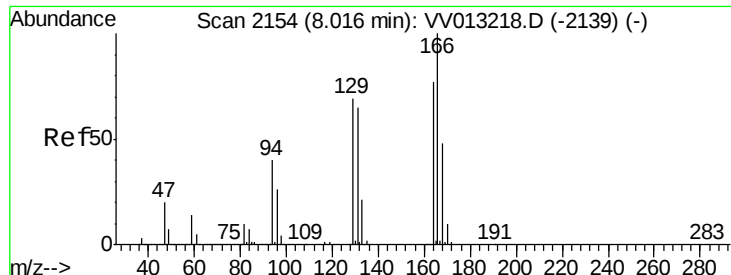
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#47

Tetrachloroethene

Concen: 0.567 ug/L

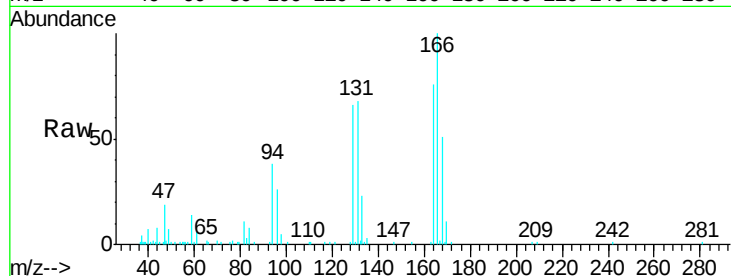
RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013230.D

Acq: 19 Oct 2019 03:40

Instrument :
MSVOA_V
ClientSampleId :
C0K19



Tgt Ion:	164	Resp:	23905
Ion	Ratio	Lower	Upper
164	100		
129	87.4	62.2	115.4
131	90.6	59.9	111.3
166	132.4	91.1	169.1

