

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
 Data File : VW017534.D
 Acq On : 03 Dec 2020 15:35
 Operator : SY/VA
 Sample : VIBLK16
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK16

Quant Time: Dec 04 06:19:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 04 06:16:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	426124	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	385058	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195806	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	113523	19.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.80%
7) Chloroethane-d5	2.89	69	95534	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.52%
10) 1,1-Dichloroethene-d2	4.03	63	193092	15.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.96%
20) 2-Butanone-d5	7.08	46	61454	49.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.98%
24) Chloroform-d	7.65	84	263548	21.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	8.31	65	140924	22.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.72%
29) Benzene-d6	8.28	84	511560	21.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.88%
33) 1,2-Dichloropropane-d6	9.27	67	147217	21.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.40%
37) Toluene-d8	10.33	98	462707	21.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.68%
38) trans-1,3-Dichloropropene-	10.58	79	65251	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.24%
39) 2-Hexanone-d5	10.93	63	40758	48.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.46%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	115089	23.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	164161	22.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.88%

Target Compounds

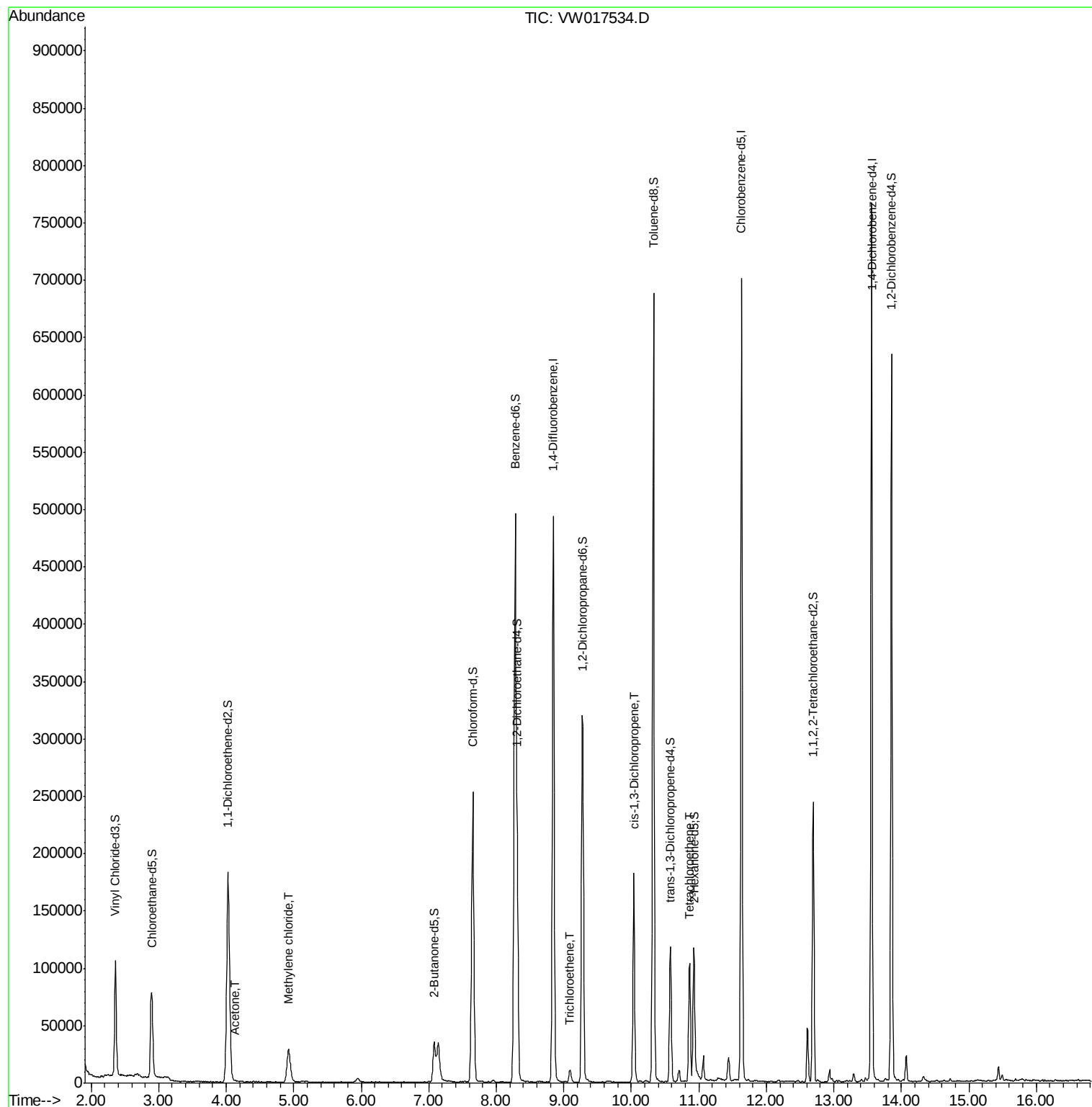
					Ovalue
13) Acetone	4.14	43	965	0.806 ug/L	92
16) Methylene chloride	4.93	84	24974	3.887 ug/L	97
35) Trichloroethene	9.09	95	3151	0.487 ug/L	91
42) cis-1,3-Dichloropropene	10.04	75	4650	0.544 ug/L #	76
47) Tetrachloroethene	10.87	164	24057	4.388 ug/L	94

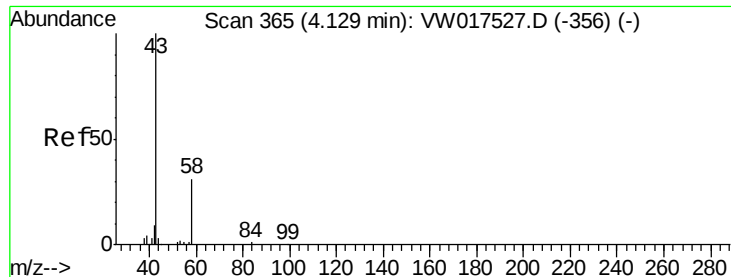
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 04 06:16:45 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.806 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW017534.D

Acq: 03 Dec 2020 15:35

Instrument :

MSVOA_W

ClientSampled :

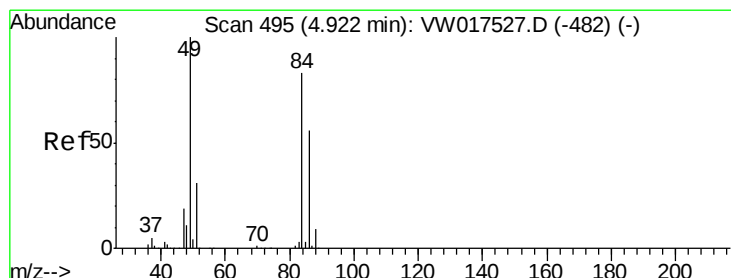
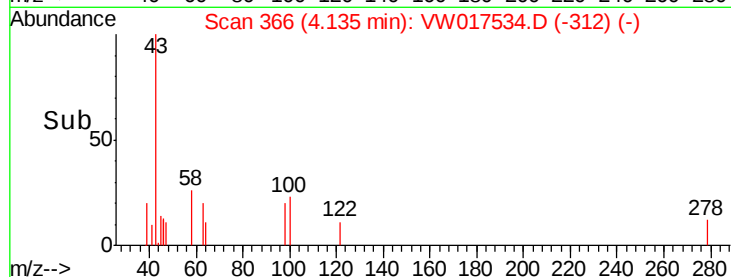
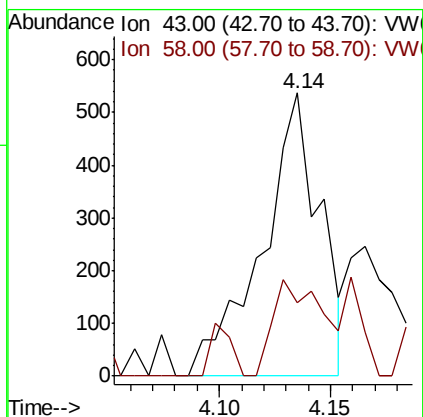
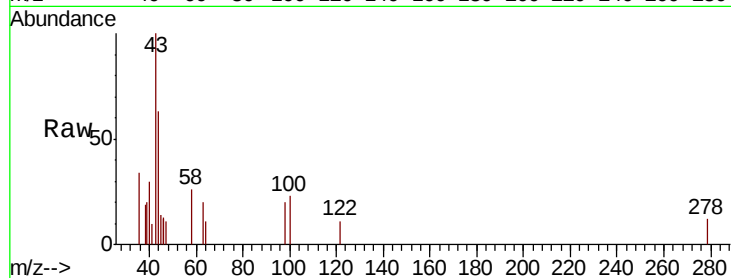
VIBLK16

Tot Ion: 43 Resp: 965

Ion Ratio Lower Upper

43 100

58 29.6 0.0 68.4



#16

Methylene chloride

Concen: 3.887 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017534.D

Acq: 03 Dec 2020 15:35

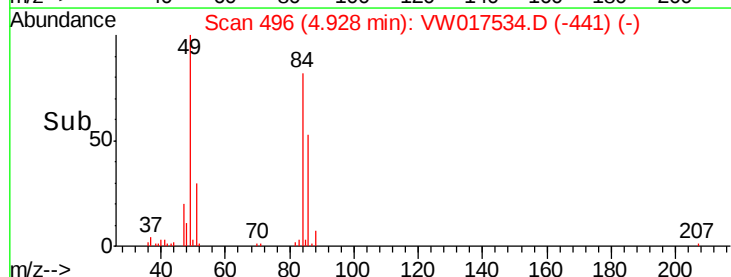
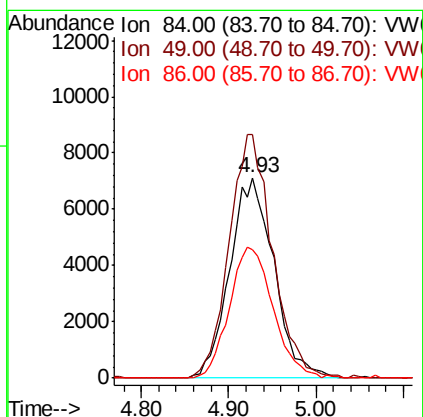
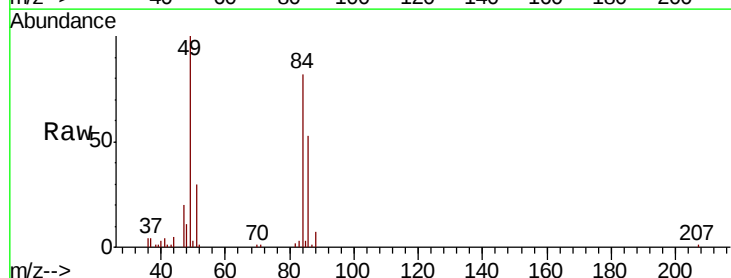
Tgt Ion: 84 Resp: 24974

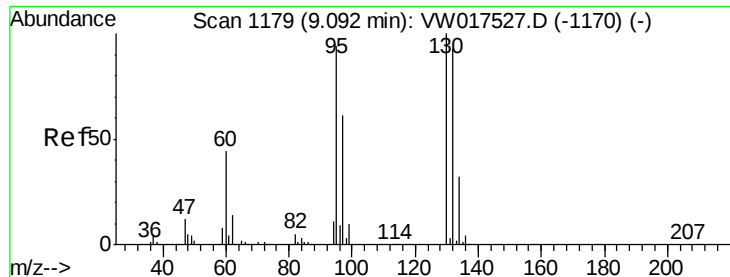
Ion Ratio Lower Upper

84 100

49 121.4 81.2 150.8

86 63.8 44.5 82.7





#35

Trichloroethene

Concen: 0.487 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW017534.D

Acq: 03 Dec 2020 15:35

Instrument :

MSVOA_W

ClientSampleId :

VIBLK16

Tot Ion: 95 Resp: 3151

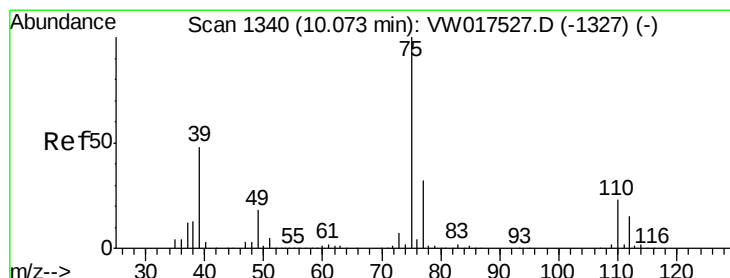
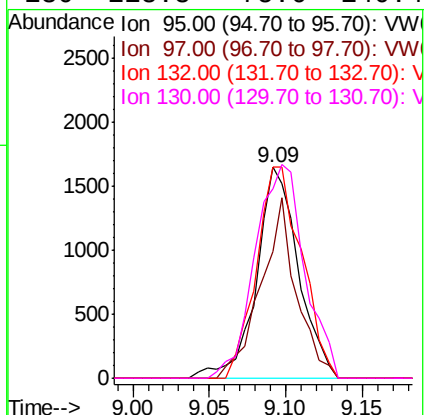
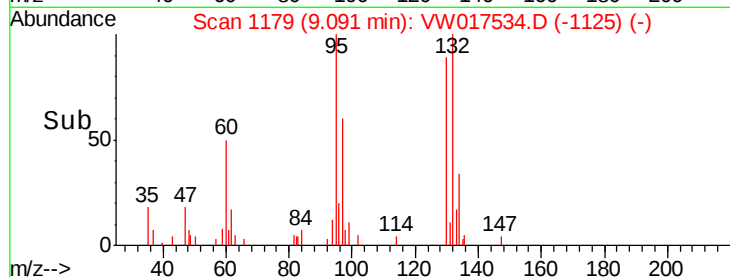
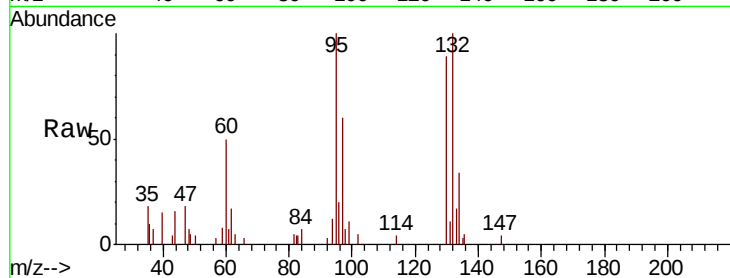
Ion Ratio Lower Upper

95 100

97 72.8 45.0 83.6

132 108.0 71.0 131.8

130 118.8 75.6 140.4



#42

cis-1,3-Dichloropropene

Concen: 0.544 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017534.D

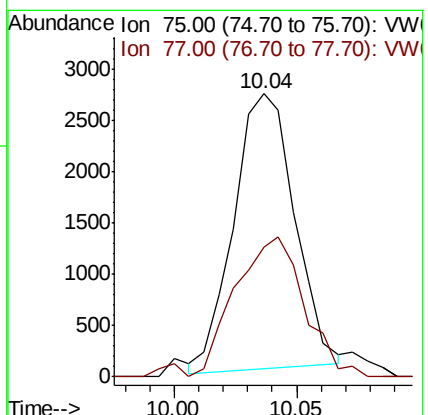
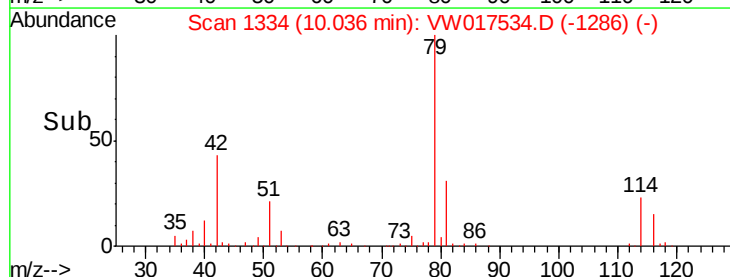
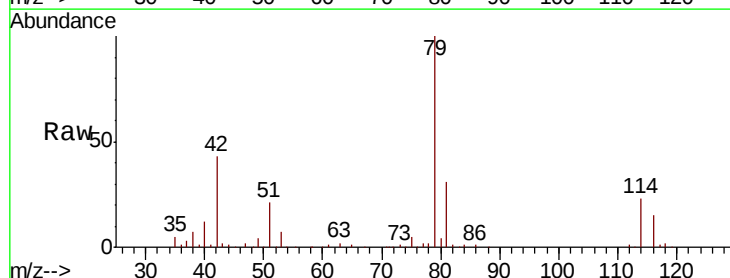
Acq: 03 Dec 2020 15:35

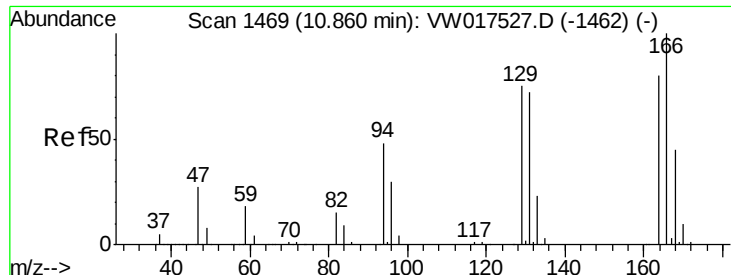
Tgt Ion: 75 Resp: 4650

Ion Ratio Lower Upper

75 100

77 45.9 22.7 42.3#





#47

Tetrachloroethene

Concen: 4.388 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017534.D

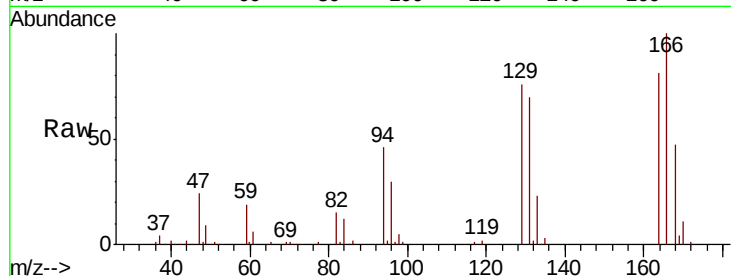
Acq: 03 Dec 2020 15:35

Instrument :

MSVOA_W

ClientSampleId :

VIBLK16



Tot Ion:164 Resp: 24057

Ion Ratio Lower Upper

164 100

129 93.8 67.6 125.6

131 86.6 65.2 121.2

166 124.0 93.2 173.2

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

